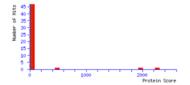
## (MATRIX) Mascot Search Results

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| Search title | Sear
```

## Mascot Score Histogram

Ions score is  $-10^{\circ}Log(P)$ , where P is the probability that the observed match is a random event. Individual ions scores >49 indicate identity or extensive homology (p<0.05). Protein scores are derived from ions scores as a non-probabilistic basis for ranking protein hits.



## Peptide Summary Report

B. ..... B. ... III. B.

For	mat	As I	Peptide Summa	ary							<u>Help</u>	
		S	ignificance th	reshold p< 0.0	05	Max. n	umber	of hits	AUTO			
		S	tandard scorii	ng   MudPI	Γ scoring O	Ions sc	ore or	expect	cut-off 20		Show sub	-sets 0
		S	how pop-ups	<ul><li>Suppress ¡</li></ul>	pop-ups O	Sort un	assign	ed Decr	easing Scor	è	Require l	oold red 🗵
		F	referred taxo	nomy Allentri	es							
Sele	ect Al	ı	Select None	Search Selec	ted Er	ror tole	rant	Archiv	ve Report			
1.	q:	L 489	191432 M	lass: 32264	Score: 2	2258	Match	es: 47	7(187) <b>s</b>	eguer	ces: 36	(24) emPAI: 11.
				e III secre					. (	- 4		(,
				this hit in	_				chive ren	ort		
	Qu	ery	Observed	Mr(expt)	Mr(calc)	ppm	Miss	Score	Expect	Rank	Unique	Peptide
	$\overline{\mathbf{w}}$	36	358.2086	714.4026	714.4024	0.32	0	34	9.8	1		R.EVLQAR.R
		39	358.2088	714.4030	714.4024	0.88	0	(28)	33	3		R.EVLQAR.R
		40	358.2089	714.4032	714.4024	1.16	0	(23)	1.1e+002	5		R.EVLQAR.R
	$\overline{\varphi}$	76	373.2265	744.4384	744.4381	0.43	0	50	0.15	1		K.ALTAELK.V
	<b>W</b>	77	376.6996	751.3846	751.3864	-2.39	0	(36)	2.1	1		K.YDSVLR.D
	<b>W</b>	79	376.7002	751.3858	751.3864	-0.79	0	(34)	3.4	1		K.YDSVLR.D
	8	80	376.7003	751.3860	751.3864	-0.53	0	(27)	16	1		K.YDSVLR.D
	<b>W</b>	81	376.7003	751.3860	751.3864	-0.53	0	(25)	27	1		K.YDSVLR.D
	<b>3</b>	83	376.7004	751.3862	751.3864	-0.26	0	(26)	20	1		K.YDSVLR.D
	<b>W</b>	84	376.7004	751.3862	751.3864	-0.26	0	(34)	3.3	1		K.YDSVLR.D
	<b>W</b>	85	376.7004	751.3862	751.3864	-0.26	0	(25)	27	1		K.YDSVLR.D
	$\overline{\mathscr{C}}$	88	376.7004	751.3862	751.3864	-0.26	0	(36)	2.3	1		K.YDSVLR.D
	$\overline{\mathbf{w}}$	90	376.7005	751.3864	751.3864	0.01	0	(25)	25	1		K.YDSVLR.D
	<b>W</b>	91	376.7005	751.3864	751.3864	0.01	0	(23)	48	1		K.YDSVLR.D
	<b>*</b>	92	376.7005	751.3864	751.3864	0.01	0	(28)	12	1		K.YDSVLR.D
	$\overline{\mathbf{v}}$	93	376.7005	751.3864	751.3864	0.01	0	(34)	3.9	1		K.YDSVLR.D
	$\forall$	94	376.7006	751.3866	751.3864	0.27	0	(28)	12	1		K.YDSVLR.D
		95	376.7006	751.3866	751.3864	0.27	0	(23)	48	3		K.YDSVLR.D
	$\overline{\mathbf{w}}$	96	376.7006	751.3866	751.3864	0.27	0	(25)	25	1		K.YDSVLR.D
	8	97	376.7006	751.3866	751.3864	0.27	0	(38)	1.5	1		K.YDSVLR.D
	$\overline{\mathbf{w}}$	98	376.7007	751.3868	751.3864	0.54	0	39	1.1	1		K.YDSVLR.D
	₩	99	376.7007	751.3868	751.3864	0.54	0	(27)	17	1		K.YDSVLR.D
	<b>W</b>	100	376.7007	751.3868	751.3864	0.54	0	(24)	35	1		K.YDSVLR.D
	8	101	376.7008	751.3870	751.3864	0.80	0	(29)	12	1		K.YDSVLR.D
	<b>W</b>	102	376.7008	751.3870	751.3864	0.80	0	(28)	14	1		K.YDSVLR.D
	-	173	401.2395	800.4644	800.4643	0.13	0	37	1.9	1		K.ALLDELK.A
	8											

K.ALLDELK.A

401.2400 800.4654 800.4643 1.38 0 (25)

									_		
	222	415.2302 415.2303	828.4458 828.4460	828.4453 828.4453	0.61	0	(29)	9.6 6.1	2		R.SRPLNDK.V R.SRPLNDK.V
	224	415.2303	828.4460	828.4453	0.85	0	(31)	6.6	8		R.SRPLNDK.V
	225	415.2307	828.4468	828.4453	1.82	0	32	5.7	3		R.SRPLNDK.V
<b>W</b>	254	425.7188	849.4230	849.4232	-0.22	0	(27)	12	1		K.DFLSGSPK.Q
8	256	425.7193	849.4240	849.4232	0.96	0	42	0.63	1		K.DFLSGSPK.Q
₩	339 342	465.2863 465.2869	928.5580 928.5592	928.5593 928.5593	-1.34 -0.05	1	(32) 53	3.3 0.029	1		R.KALLDELK.A R.KALLDELK.A
E	343	465.2870	928.5594	928.5593	0.16	1	(50)	0.029	1		R.KALLDELK.A
<b>2</b>	444	502.2563	1002.4980	1002.4982	-0.15	0	(46)	0.18	1		K.DVLQTQDGK.R
8	445	502.2565	1002.4984	1002.4982	0.25	0	51	0.07	1		K.DVLQTQDGK.R
8	559	535.7724	1069.5302	1069.5305	-0.22	0	(29)	7	1		R.QPGAQWDLR.E
8	560	535.7725	1069.5304	1069.5305	-0.04	0	(36)	1.3	1		R.QPGAQWDLR.E
	561	535.7726 535.7727	1069.5306	1069.5305	0.15	0	(22)	39 8.8	2		R.QPGAQWDLR.E R.QPGAQWDLR.E
<b>V</b>	562 563	535.7728	1069.5310	1069.5305	0.52	0	38	0.62	1		R.QPGAQWDLR.E
₩	565	535.7729	1069.5312	1069.5305	0.71	0	(36)	1.1	1		R.QPGAQWDLR.E
<b>W</b>	634	554.2853	1106.5560	1106.5568	-0.65	0	(41)	0.35	1		K.TTLLNDTSSR.Y
<b>3</b>	635	554.2855	1106.5564	1106.5568	-0.28	0	(46)	0.2	1		K.TTLLNDTSSR.Y
8	636	554.2858	1106.5570	1106.5568	0.26	0	(31)	6.3	1		K.TTLLNDTSSR.Y K.TTLLNDTSSR.Y
₩	637 638	554.2859 554.2859	1106.5572 1106.5572	1106.5568	0.44	0	(76) (49)	0.00019	1		K.TTLLNDTSSR.Y
₩	639	554.2860	1106.5574	1106.5568	0.62	0	(49)	0.088	1		K.TTLLNDTSSR.Y
₩.	640	554.2861	1106.5576	1106.5568	0.80	0	83	4.3e-005	1		K.TTLLNDTSSR.Y
<b>3</b>	641	554.2861	1106.5576	1106.5568	0.80	0	(49)	0.095	1		K.TTLLNDTSSR.Y
<b>V</b>	642	554.2861	1106.5576	1106.5568	0.80	0	(64)	0.0028	1		K.TTLLNDTSSR.Y
₩	643	554.2861	1106.5576	1106.5568	0.80	0	(56) (42)	0.018	1		K.TTLLNDTSSR.Y
E	644 645	554.2862 554.2862	1106.5578 1106.5578		0.98	0	(60)	0.0085	1		K.TTLLNDTSSR.Y K.TTLLNDTSSR.Y
E	646	554.2863	1106.5580	1106.5568	1.16	o	(74)	0.00038	1		K.TTLLNDTSSR.Y
8	647	554.2864	1106.5582		1.34	0	(71)	0.00072	1		K.TTLLNDTSSR.Y
8	648	554.2870	1106.5594		2.43	0	(58)	0.01	1		K.TTLLNDTSSR.Y
₩	710	568.7873		1135.5621	-1.85	0	(64)	0.0021	1		R.YNSAVEALNR.F
8	712		1135.5616 1135.5618		-0.44	0	(44)	0.25	1		R.YNSAVEALNR.F
₩	713 714	568.7882 568.7885		1135.5621 1135.5621	-0.27 0.26	0	(53) 79	0.035	1		R.YNSAVEALNR.F R.YNSAVEALNR.F
<b>2</b>	715	568.7886	1135.5626		0.44	o	(76)	0.00017	1		R.YNSAVEALNR.F
₩.	716	568.7888	1135.5630	1135.5621	0.79	0	(70)	0.00064	1		R.YNSAVEALNR.F
$\overline{\mathscr{C}}$	717			1135.5621	0.79	0	(51)	0.05	1		R.YNSAVEALNR.F
₩.	718	568.7888		1135.5621	0.79	0	(58)	0.01	1		R.YNSAVEALNR.F
€	719	568.7889 568.7889		1135.5621 1135.5621	0.97	0	(45) (46)	0.2	1		R.YNSAVEALNR.F R.YNSAVEALNR.F
E	720 721	568.7890		1135.5621	1.14	0	(47)	0.13	1		R.INSAVEALNR.F
₩	722	568.7891		1135.5621	1.32	o	(51)	0.047	1		R.YNSAVEALNR.F
₩.	723	568.7891	1135.5636	1135.5621	1.32	0	(59)	0.0084	1		R.YNSAVEALNR.F
~	724	568.7897	1135.5648	1135.5621	2.38	0	(57)	0.014	1		R.YNSAVEALNR.F
<b>2</b>	760	575.8026	1149.5906	1149.5918	-0.96	0	(61)	0.0049	1		R.LDEDVIGVYK.D
€	761 762	575.8034 575.8038	1149.5922 1149.5930	1149.5918 1149.5918	0.43	0	(61) (39)	0.0058	1		R.LDEDVIGVYK.D R.LDEDVIGVYK.D
E	763	575.8042	1149.5938	1149.5918	1.82	0	62	0.0035	1		R.LDEDVIGVYK.D
2	779	580.3071	1158.5996	1158.5993	0.30	1	(34)	3.5	1		K.DVLQTQDGKR.K
	783	580.3074	1158.6002	1158.5993	0.81	1	(27)	15	2		K.DVLQTQDGKR.K
	784	580.3074	1158.6002	1158.5993	0.81	1	(25)	24	2		K.DVLQTQDGKR.K
8	786	580.3074	1158.6002	1158.5993	0.81	1	(47)	0.16	1		K.DVLQTQDGKR.K
₩	787 788	580.3075 387.2082	1158.6004 1158.6028	1158.5993 1158.5993	0.99	1	54 (36)	0.034	1		K.DVLQTQDGKR.K K.DVLQTQDGKR.K
8	849	592.7778	1183.5410	1183.5397	1.14	0	61	0.0028	1	υ	K.GLSDEYPFEK.D
₩.	963	409.5509	1225.6309	1225.6316	-0.59	1	(24)	23	1		R.RQPGAQWDLR.E
	964	409.5510	1225.6312	1225.6316	-0.34	1	(32)	3.3	1		R.RQPGAQWDLR.E
4	965	409.5510	1225.6312	1225.6316	-0.34	1	(40)	0.52	1		R.RQPGAQWDLR.E
8	966	409.5510 613.8230	1225.6312 1225.6314	1225.6316 1225.6316	-0.34 -0.12	1	(27) (25)	12 17	7		R.RQPGAQWDLR.E R.RQPGAQWDLR.E
₩.	971 972	409.5511	1225.6314	1225.6316	-0.12	1	(40)	0.61	1		R.RQPGAQWDLR.E
8	973	409.5511	1225.6315	1225.6316	-0.10	1	(38)	0.99	1		R.RQPGAQWDLR.E
<b>~</b>	974	409.5511	1225.6315	1225.6316	-0.10	1	53	0.028	1		R.RQPGAQWDLR.E
<b>W</b>	975		1225.6315		-0.10	1	(41)	0.4	1		R.RQPGAQWDLR.E
8	976			1225.6316		1	(42)	0.39	1		R.RQPGAQWDLR.E
€	977 978		1225.6315 1225.6315		-0.10 -0.10	1	(39) (40)	0.63	1		R.RQPGAQWDLR.E R.RQPGAQWDLR.E
<b>8</b>	978		1225.6315	1225.6316	0.05	1	(41)	0.58	1		R.RQPGAQWDLR.E
₩	981		1225.6318	1225.6316	0.15	1	(39)	0.72	1		R.RQPGAQWDLR.E
₩	982	409.5512	1225.6318	1225.6316	0.15	1	(36)	1.5	1		R.RQPGAQWDLR.E
<b>7</b>	983			1225.6316		1	(40)	0.58	1		R.RQPGAQWDLR.E
8	984		1225.6318	1225.6316 1225.6316		1	(36)		1		R.RQPGAQWDLR.E R.RQPGAQWDLR.E
₩.	988 990			1225.6316			(22)		1 2		R.RQPGAQWDLR.E R.ROPGAOWDLR.E
<b>2</b>	991		1225.6320		0.37	1	(47)		1		R.RQPGAQWDLR.E
₩	992	409.5513	1225.6321	1225.6316	0.39	1	(38)		1		R.RQPGAQWDLR.E
$\forall$	993		1225.6321			1	(26)	12	1		R.RQPGAQWDLR.E
₩.	994		1225.6321		0.39	1	(27)		1		R.RQPGAQWDLR.E
8	995		1225.6321 1225.6321		0.39	1	(36)		1		R.RQPGAQWDLR.E
₩	996 997		1225.6321		0.39	1	(31)		1		R.RQPGAQWDLR.E R.RQPGAQWDLR.E
8	998		1225.6321		0.39	1	(41)	0.45	1		R.RQPGAQWDLR.E
8	999	409.5513	1225.6321	1225.6316	0.39	1	(35)	1.7	1		R.RQPGAQWDLR.E
	1000	409.5513		1225.6316	0.39	1	(43)	0.27	1		R.RQPGAQWDLR.E
	1001		1225.6321		0.39	1	(44)		1		R.RQPGAQWDLR.E
	1002	409.5513	1225.6321	1225.6316	0.39	1	(31)	4.2	1		R.RQPGAQWDLR.E

1   10   10   10   10   10   10   10		1006	612 0224	1225 6222	1225 6216	0.54	1	(21)	44	6	R.RQPGAQWDLR.E
1   10   10   10   10   10   10   10	<b>W</b>										R.RQPGAQWDLR.E
10   10   10   10   10   12   12   12						0.64	1	(35)	1.7	1	R.RQPGAQWDLR.E
1019   409.5515   1225.6327   1225.6316   0.88   1 (47)   0.11   1   R.ROCKANOMIZA.   1020   1030   1030   1031   1032   1032   103.0515   1225.6327   1225.6316   0.88   1 (43)   0.59   1   R.ROCKANOMIZA.   1030   103											R.RQPGAQWDLR.E
100   100   100   100   120											R.RQPGAQWDLR.E
1022   013.02   013.02   023.0232   0225.0232   023.02   013.02											
1021   1031   1032   1032.   1032.   1032											
10   10   10   10   10   10   10   10											R.RQPGAQWDLR.E
	<b>V</b>	1024	409.5519	1225.6339	1225.6316	1.86	1	(39)	0.7	1	R.RQPGAQWDLR.E
120   101, 140, 140, 140, 140, 140, 140, 140,	_						1	(32)			R.RQPGAQWDLR.E
1201   46.3662   1209.0719   1209.07183   -0.38   1   (44)   0.14   1   K.LEIEDPILGOS   1201   1201   1209.07183   1.025   1.025   0.068   1   K.LEIEDPILGOS   1201   1209.07183   1209.07183   0.09   1   (22)   0.0084   1   K.LEIEDPILGOS   1201   1209.07184   1209.07183   0.09   1   (22)   0.0084   1   K.LEIEDPILGOS   1209   120											
											K.LSIKDFLSGSPK.Q
1242   464.3665   1290.7184   1290.7183   0.09   1   (67)   0.00084   1   K.LEINDYLGOSS   1281   1282   1484.3665   1290.7184   1290.7183   0.09   1   (64)   0.0017   1   K.LEINDYLGOSS   1288   12										1	K.LSIKDFLSGSPK.Q
1254   646.3665   1290.7184   1290.7183   0.09   1 (22)   29   1	$\forall$	1242				-0.05	1				K.LSIKDFLSGSPK.Q
1285   131.246   1390.7184   1290.7183   0.09   1   (64)   0.0037   1   K.LEIEDPILGOSS   1281   131.2468   1390.7186   1390.7183   0.18   1   (28)   6.5   1   K.LEIEDPILGOSS   1291   131.2468   1390.7186   1390.7183   0.24   1   (65)   0.0015   1   K.LEIEDPILGOSS   1291   1322   (46.3666   1390.7186   1390.7183   0.24   1   (65)   0.0015   1   K.LEIEDPILGOSS   1292   1393   (46.3666   1390.7186   1390.7183   0.24   1   (65)   0.0015   1   K.LEIEDPILGOSS   1295   (46.3666   1390.7186   1390.7183   0.24   1   (65)   0.0013   1   K.LEIEDPILGOSS   1295   (46.3666   1390.7186   1390.7183   0.40   1   (65)   0.0013   1   K.LEIEDPILGOSS   1295   (46.3666   1390.7186   1390.7183   0.40   1   (65)   0.0013   1   K.LEIEDPILGOSS   1295   (46.3666   1390.7180   1390.7183   0.45   1   (21)   (32)   1   K.LEIEDPILGOSS   1295   (46.3668   1390.7190   1390.7183   0.55   1   (71)   0.0038   1   K.LEIEDPILGOSS   1296   (46.3668   1390.7190   1390.7183   0.55   1   (71)   0.0038   1   K.LEIEDPILGOSS   1290   1390.7183   0.65   1   (71)   0.0038   1   K.LEIEDPILGOSS   1290   1390.7183   0.75   1   (68)   0.00059   1   K.LEIEDPILGOSS   1290   1390.7183   0.75   1   (68)   0.00059   1   K.LEIEDPILGOSS   1292   1390.7183   0.86   1   (68)   0.00059   1   K.LEIEDPILGOSS   1292   1390.7183   0.81   1   (69)   0.00059   1   K.LEIEDPILGOSS   1292   1390.7183   0.81   0.10   1   (69)   0.00059   1   K.LEIEDPILGOSS   1292   1390.7183   0.01   0.01   0.01   0.01   0.01   0.01   0.01   0.01   0.01   0.01											K.LSIKDFLSGSPK.Q
											K.LSIKDFLSGSPK.Q
1252   664.566   1290.7186   1290.7183   0.24   1 (65) 0.0015   1   K.LEIDPILOSE   1251   1664.566   1290.7186   1290.7183   0.40   1 (65) 0.0013   1   K.LEIDPILOSE   1255   1664.566   1290.7183   1290.7183   0.40   1 (55) 0.0013   1   K.LEIDPILOSE   1255   1255   1464.666   1290.7189   1290.7183   0.45   1 (21)   32   1   K.LEIDPILOSE   1255   1255   1464.666   1290.7189   1290.7183   0.45   1 (21)   32   1   K.LEIDPILOSE   1255   1255   1464.666   1290.7190   1290.7183   0.55   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.666   1290.7190   1290.7183   0.55   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.666   1290.7192   1290.7183   0.55   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.666   1290.7192   1290.7183   0.55   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.666   1290.7192   1290.7183   0.55   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.666   1290.7192   1290.7183   0.55   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.6670   1290.7195   1290.7183   0.85   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.6670   1290.7195   1290.7183   0.85   1 (71) 0.00038   1   K.LEIDPILOSE   1250   1464.6670   1290.7195   1290.7183   1.01   1 (65) 0.00069   1   K.LEIDPILOSE   1250   1464.6671   1290.7195   1290.7183   1.01   1 (65) 0.00069   1   K.LEIDPILOSE   1250   1464.6671   1290.7195   1290.7183   1.01   1 (65) 0.00038   1   K.LEIDPILOSE   1250   1464.6771   1290.7195   1290.7183   1.01   1 (65) 0.00038   1   K.LEIDPILOSE   1250   1250   1464.6771   1290.7195   1290.7183   1.01   1 (45) 0.014   1   K.LEIDPILOSE   1250   1											K.LSIKDFLSGSPK.Q
1253   66.3666   1290.7186   1290.7183   0.24   1 (65)   0.013   1   K.LEINDPISOSE   1255   1255   1256   1290.7188   1290.7183   0.41   1 (12)   32   1   K.LEINDPISOSE   1255   1255   1256   1290.7189   1290.7183   0.41   1 (21)   32   1   K.LEINDPISOSE   1255   1255   1256   1256   1290.7189   1290.7183   0.55   1 (31)   0.23   1   K.LEINDPISOSE   1255   1256	<b>V</b>						1			1	K.LSIKDFLSGSPK.Q
1.255   66.566   1290.7186   1290.7183   0.40   1											K.LSIKDFLSGSPK.Q
		_									K.LSIKDFLSGSPK.Q
1259   646.3668   1290.7190   1290.7183   0.55   1 (71) 0.0008   1   K.LSIKDPISGER   1261   646.3669   1290.7192   1290.7183   0.65   1 (25)   12   1   K.LSIKDPISGER   1261   646.3669   1290.7194   1290.7183   0.86   1 (68) 0.00062   1   K.LSIKDPISGER   1262   341.2471   1290.7194   1290.7183   0.86   1 (68) 0.00062   1   K.LSIKDPISGER   1290.7183   1.01   1 (65) 0.0038   1   K.LSIKDPISGER   1290.7183   1.01   1 (65) 0.004   1   K.LSIKDPISGER   1290.7183   1.01   1 (65) 0.004   1   K.LSIKDPISGER   1290.7183   1.17   1 (42) 0.25   1   K.LSIKDPISGER   1290.7183   1.17   1 (59) 0.0074   1   K.LSIKDPISGER   1290.7183   1.01   1 (59) 0.0074   1   K.LSIKDPISGER											K.LSIKDFLSGSPK.Q
	<b>W</b>	1258	646.3668	1290.7190	1290.7183	0.55	1	(43)	0.23	1	K.LSIKDFLSGSPK.Q
											K.LSIKDFLSGSPK.Q
											K.LSIKDFLSGSPK.Q
											K.LSIKDFLSGSPK.Q
		1264									K.LSIKDFLSGSPK.Q
	¥	1265			1290.7183	1.01	1		0.0038	1	K.LSIKDFLSGSPK.Q
											K.LSIKDFLSGSPK.Q
	-										K.LSIKDFLSGSPK.Q
1288   650.3528   1298.6910   1298.6942   -2.45   1 (25)   21   5   R. SRPLINGVINEK   1291.650.3532   1298.6914   1298.6942   -1.83   1 (47)   0.12   1   R. SRPLINGVINEK   1291.650.3532   1298.6918   1299.6942   -1.83   1 (47)   0.12   1   R. SRPLINGVINEK   1291.6923   1298.6924   1298.6924   -1.83   1 (33)   2.5   1   R. SRPLINGVINEK   1295.6924   1298.6924   -1.83   1 (33)   2.5   1   R. SRPLINGVINEK   1295.6924   1298.6924   -1.83   1 (33)   2.5   1   R. SRPLINGVINEK   1295.6924   1298.6924   -1.04   1 (33)   2.4   1   R. SRPLINGVINEK   1298.6929   1298.6924   -1.04   1 (26)   13   1   R. SRPLINGVINEK   1298.6932   1298.6924   -1.04   1 (26)   13   1   R. SRPLINGVINEK   1298.6935   1298.6932   1298.6942   -0.81   1 (26)   16   1   R. SRPLINGVINEK   1298.6935   1298.6935   1298.6934   -0.58   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9051   1298.6935   1298.6942   -0.58   1 (37)   0.72   1   R. SRPLINGVINEK   1300.20   133.9051   1298.6935   1298.6942   -0.58   1 (37)   0.72   1   R. SRPLINGVINEK   1300.20   133.9051   1298.6935   1298.6942   -0.58   1 (28)   11   1   R. SRPLINGVINEK   1300.20   133.9051   1298.6935   1298.6942   -0.58   1 (28)   11   1   R. SRPLINGVINEK   1300.20   133.9051   1298.6935   1298.6942   -0.58   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9051   1298.6935   1298.6942   -0.35   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINGVINEK   1300.20   133.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINGVINEK   1310.20   133.9053   1298.6934   1298.6942   -0.12   1 (24)   22   1   R. SRPLINGVINEK   1311   433.9053   1298.6934   1298.6942   -0.12   1 (24)   22   1   R. SRPLINGVINEK   1312   433.9053   1298.6944   1298.6942   -0	<b>W</b>					1.48	1	(47)	0.089	1	K.LSIKDFLSGSPK.Q
1289   433.9944   1298.6914   1298.6942 -2.20   1 (21)   48   1   R.SRPLINEVNEE   1291   650.3532   1298.6918   1298.6942 -1.63   1 (47)   0.12   1   R.SRPLINEVNEE   1295   133.9947   1298.6921   1298.6942 -1.63   1 (33)   2.5   1   R.SRPLINEVNEE   1295   133.9949   1298.6922   1298.6942 -1.04   1 (33)   2.3   1   R.SRPLINEVNEE   1296   133.9949   1298.6929   1298.6942 -1.04   1 (26)   13   1   R.SRPLINEVNEE   1297   433.9949   1298.6929   1298.6942 -0.44   1 (26)   13   1   R.SRPLINEVNEE   1298   133.9949   1298.6932   1298.6942 -0.81   1 (26)   16   1   R.SRPLINEVNEE   1299   133.9951   1298.6935   1298.6942 -0.58   1 (27)   12   1   R.SRPLINEVNEE   1399   1300   433.9951   1298.6935   1298.6942 -0.58   1 (37)   0.72   1   R.SRPLINEVNEE   1302   433.9951   1298.6935   1298.6942 -0.58   1 (37)   0.72   1   R.SRPLINEVNEE   1302   433.9951   1298.6935   1298.6942 -0.58   1 (37)   0.72   1   R.SRPLINEVNEE   1302   433.9951   1298.6935   1298.6942 -0.58   1 (28)   11   1   R.SRPLINEVNEE   1303   433.9951   1298.6935   1298.6942 -0.58   1 (28)   11   1   R.SRPLINEVNEE   1303   433.9951   1298.6935   1298.6942 -0.35   1 (27)   12   1   R.SRPLINEVNEE   1305   433.9952   1298.6938   1298.6942 -0.35   1 (27)   12   1   R.SRPLINEVNEE   1305   433.9952   1298.6938   1298.6942 -0.35   1 (27)   12   1   R.SRPLINEVNEE   1305   433.9952   1298.6938   1298.6942 -0.35   1 (29)   8.5   1   R.SRPLINEVNEE   1307   433.9952   1298.6938   1298.6942 -0.35   1 (29)   8.5   1   R.SRPLINEVNEE   1307   433.9952   1298.6938   1298.6942 -0.35   1 (29)   7.6   1   R.SRPLINEVNEE   1310   433.9953   1298.6938   1298.6942 -0.35   1 (29)   7.6   1   R.SRPLINEVNEE   1310   433.9953   1298.6938   1298.6942 -0.35   1 (29)   7.6   1   R.SRPLINEVNEE   1312   433.9953   1298.6938   1298.6942 -0.15   1 (29)   7.6   1   R.SRPLINEVNEE   1312   433.9953   1298.6938   1298.6942 -0.12   1 (24)   22   1   R.SRPLINEVNEE   1312   433.9953   1298.6944   1298.6942 -0.11   1 (26)   6   1   R.SRPLINEVNEE   1312   433.9955   1298.6944   1298.6942   0.11   1 (26	<b>V</b>										R.SRPLNDKVNEK.T
	_										R.SRPLNDKVNEK.T
1292   433.9047   1298.6923   1298.6942   -1.51   1 (33)   2.5   1   R. SRPLINDKVINEK   1295   1395   433.9048   1298.6924   1298.6942   -1.04   1 (33)   2.4   1   R. SRPLINDKVINEK   1297   433.9049   1298.6929   1298.6942   -1.04   1 (36)   13   1   R. SRPLINDKVINEK   1298   1398   133.9051   1298.6935   1298.6942   -0.58   1 (27)   12   1   R. SRPLINDKVINEK   1299   433.9051   1298.6935   1298.6942   -0.58   1 (27)   12   1   R. SRPLINDKVINEK   1300   433.9051   1298.6935   1298.6942   -0.58   1 (37)   1.4   1   R. SRPLINDKVINEK   1302   433.9051   1298.6935   1298.6942   -0.58   1 (37)   1.4   1   R. SRPLINDKVINEK   1302   433.9051   1298.6935   1298.6942   -0.58   1 (37)   1.4   1   R. SRPLINDKVINEK   1302   433.9051   1298.6935   1298.6942   -0.58   1 (37)   1.4   1   R. SRPLINDKVINEK   1302   433.9051   1298.6935   1298.6942   -0.58   1 (28)   11   1   R. SRPLINDKVINEK   1304   433.9051   1298.6935   1298.6942   -0.58   1 (28)   11   1   R. SRPLINDKVINEK   1304   433.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINDKVINEK   1306   433.9052   1298.6938   1298.6942   -0.35   1 (27)   12   1   R. SRPLINDKVINEK   1302   433.9052   1298.6938   1298.6942   -0.35   1 (31)   4.7   1   R. SRPLINDKVINEK   1302   433.9052   1298.6938   1298.6942   -0.35   1 (31)   4.7   1   R. SRPLINDKVINEK   1309   433.9052   1298.6938   1298.6942   -0.35   1 (31)   4.7   1   R. SRPLINDKVINEK   1310   433.9052   1298.6938   1298.6942   -0.35   1 (31)   4.7   1   R. SRPLINDKVINEK   1310   433.9053   1298.6934   1298.6942   -0.35   1 (31)   4.7   1   R. SRPLINDKVINEK   1311   433.9053   1298.6934   1298.6942   -0.12   1 (24)   22   1   R. SRPLINDKVINEK   1312   433.9053   1298.6941   1298.6942   -0.12   1 (24)   22   1   R. SRPLINDKVINEK   1312   433.9053   1298.6941   1298.6942   -0.12   1 (25)   20   1   R. SRPLINDKVINEK   1312   433.9054   1298.6944   1298.6942   -0.11   1 (26)   61   1   R. SRPLINDKVINEK   1312   433.9054   1298.6944   1298.6942   -0.11   1 (26)   61   2   R. SRPLINDKVINEK   1312   433.9054											
											R.SRPLNDKVNEK.T
						-1.28	1		2.3	1	R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
		_				-0.58	1			1	R.SRPLNDKVNEK.T
		1303				-0.58	1	(28)	11	1	R.SRPLNDKVNEK.T
		_									R.SRPLNDKVNEK.T
13109   433,9052   1298,6938   1298,6942   -0.35   1 (23)   31   2   R. SRPLINDKVINEK   1311   433,9052   1298,6931   1298,6942   -0.12   1 (24)   22   1   R. SRPLINDKVINEK   1313   433,9053   1298,6941   1298,6942   -0.12   1 (24)   22   1   R. SRPLINDKVINEK   1315   433,9053   1298,6941   1298,6942   -0.12   1 (25)   20   1   R. SRPLINDKVINEK   1315   433,9053   1298,6941   1298,6942   -0.12   1 (25)   20   1   R. SRPLINDKVINEK   1316   433,9053   1298,6941   1298,6942   -0.12   1 (25)   20   1   R. SRPLINDKVINEK   1317   433,9054   1298,6944   1298,6942   -0.12   1 (20)   61   1   R. SRPLINDKVINEK   1318   433,9054   1298,6944   1298,6942   0.11   1 (26)   16   2   R. SRPLINDKVINEK   1318   433,9054   1298,6944   1298,6942   0.11   1 (36)   1.5   1   R. SRPLINDKVINEK   1322   133,9054   1298,6944   1298,6942   0.11   1 (36)   1.5   1   R. SRPLINDKVINEK   1322   133,9054   1298,6944   1298,6942   0.11   1 (36)   1.5   1   R. SRPLINDKVINEK   1322   133,9054   1298,6944   1298,6942   0.11   1 (27)   11   1   R. SRPLINDKVINEK   1322   1333,9054   1298,6944   1298,6942   0.11   1 (26)   10   1   R. SRPLINDKVINEK   1322   1333,9054   1298,6944   1298,6942   0.11   1 (26)   15   1   R. SRPLINDKVINEK   1322   1333,9054   1298,6944   1298,6942   0.11   1 (26)   15   2   R. SRPLINDKVINEK   1325   1333,9054   1298,6944   1298,6942   0.11   1 (26)   15   2   R. SRPLINDKVINEK   1325   1333,9054   1298,6944   1298,6942   0.11   1 (26)   15   2   R. SRPLINDKVINEK   1325   1333,9055   1298,6947   1298,6942   0.34   1 (26)   16   1   R. SRPLINDKVINEK   1326   133,9055   1298,6947   1298,6942   0.34   1 (31)   5   1   R. SRPLINDKVINEK   1326   133,9055   1298,6947   1298,6942   0.34   1 (31)   5   1   R. SRPLINDKVINEK   1326   133,9055   1298,6947   1298,6942   0.34   1 (31)   5   1   R. SRPLINDKVINEK   1334   133,9055   1298,6947   1298,6942   0.34   1 (31)   5   1   R. SRPLINDKVINEK   1334   133,9055   1298,6947   1298,6942   0.34   1 (31)   5   1   R. SRPLINDKVINEK   1334   133,9055   1298,6947   1298,6942   0.34   1 (31											R.SRPLNDKVNEK.T
			433.9052	1298.6938	1298.6942	-0.35	1	(23)	31	2	R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
	<b>V</b>	1317				0.11	1	(20)	61	1	R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
											R.SRPLNDKVNEK.T
	<b>~</b>	1323				0.11		(28)	10	1	R.SRPLNDKVNEK.T
	8										R.SRPLNDKVNEK.T
1327   433.9055   1298.6947   1298.6942   0.34   1 (22)   40   2   R. SRPINDKVNEK											
	8		433.9055	1298.6947	1298.6942	0.32	1				R.SRPLNDKVNEK.T R.SRPLNDKVNEK.T
	8										
1331   433.9055   1298.6947   1298.6942   0.34   1 (34)   2.7   1   R.SRPLNDKVNEK     1332   433.9055   1298.6947   1298.6942   0.34   1 (28)   11   1   R. SRPLNDKVNEK     1334   433.9055   1298.6947   1298.6942   0.34   1 (23)   34   2   R. SRPLNDKVNEK     1335   650.3547   1298.6947   1298.6942   0.34   1 (29)   7.7   1   R. SRPLNDKVNEK     1336   133.9056   1298.6950   1298.6942   0.48   1 (57)   0.012   1   R. SRPLNDKVNEK     1336   133.9056   1298.6950   1298.6942   0.57   1 (34)   2.5   1   R. SRPLNDKVNEK     1337   133.9056   1298.6950   1298.6942   0.57   1 (32)   3.5   1   R. SRPLNDKVNEK     1337   133.9056   1298.6950   1298.6942   0.57   1 (32)   3.5   1   R. SRPLNDKVNEK     1337   133.9056   1298.6950   1298.6942   0.57   1 (32)   3.5   1   R. SRPLNDKVNEK     1337   133.9056   1298.6950   1298.6942   0.57   1 (32)   3.5   1   R. SRPLNDKVNEK     1348   1349	8	1329	433.9055	1298.6947	1298.6942	0.34	1	(26)	16	1	R.SRPLNDKVNEK.T
1333   433.9055   1298.6947   1298.6942   0.34   1   (23)   34   2   R.SRPINDKVNEK											
1334   433.9055   1298.6947   1298.6942   0.34   1 (29)   7.7   1   R.SRPLNDKVNEK     1335   650.3547   1298.6954   1298.6942   0.48   1 (57)   0.012   1   R.SRPLNDKVNEK     1336   133.9056   1298.6950   1298.6942   0.57   1 (34)   2.5   1   R.SRPLNDKVNEK     1337   433.9056   1298.6950   1298.6942   0.57   1 (32)   3.5   1   R.SRPLNDKVNEK     1337   1338   1339	8										
1335     650.3547     1298.6948     1298.6942     0.48     1     (57)     0.012     1     R.SRPLINDKYNEK       1336     433.9056     1298.6950     1298.6942     0.57     1     (34)     2.5     1     R.SRPLINDKYNEK       1337     433.9056     1298.6950     1298.6942     0.57     1     (32)     3.5     1     R.SRPLINDKYNEK	<b>W</b>										
☑ 1337 433.9056 1298.6950 1298.6942 0.57 1 (32) 3.5 1 R.SRPLNDKVNEK		_	650.3547	1298.6948	1298.6942	0.48	1	(57)			
23 1330 133.3030 1230.0330 1230.0342 0.3/ 1 (40) 0.39 1 R.SRPLNDKVNEK											R. SRPLNDKVNEK.T
		1000	200.3006	1230.0530	2270.0742	0.5/	1	(40)	0.59	1	R. SKPLNDKVNEK. T

<b>V</b>	1339	433.9056	1298.6950	1298.6942	0.57	1	(37)	1.1	1	R.SRPLNDKVNEK.T
<b>W</b>	1340	433.9056	1298.6950	1298.6942	0.57	1	(29)	8.2	1	R.SRPLNDKVNEK.T
<b>V</b>	1342	650.3549	1298.6952	1298.6942	0.78	1	(44)	0.28	1	R.SRPLNDKVNEK.T
8	1343	650.3550	1298.6954	1298.6942	0.94	1	(24)	28	1	R.SRPLNDKVNEK.T
8	1344	433.9058	1298.6956	1298.6942	1.03	1	(40)	0.59	1	R.SRPLNDKVNEK.T
R	1345		1298.6956	1298.6942	1.03	1	(24)	25	1	R.SRPLNDKVNEK.T
8	1346	650.3551	1298.6956	1298.6942	1.09	ī	59	0.0077	ī	R. SRPLNDKVNEK.T
E	1347	650.3553	1298.6960	1298.6942	1.40	ī	(36)	1.6	ī	R. SRPLNDKVNEK. T
w			1298.6960	1298.6942	1.40	1	(51)	0.046	ī	R. SRPLNDKVNEK.T
	1348				1.55				1	
8	1349	650.3554		1298.6942	1.55	1	(43)	0.31		R.SRPLNDKVNEK.T
8	1350	650.3554	1298.6962	1298.6942		1	(58)	0.0093	1	R. SRPLNDKVNEK.T
¥	1351		1298.6964	1298.6942	1.71	1	(44)	0.27	1	R.SRPLNDKVNEK.T
<b>7</b>	1579	682.8749	1363.7352	1363.7347	0.39	1	(39)	0.57	1	K.YDSVLRDILSAI
8	1580	682.8752	1363.7358	1363.7347	0.83	1	(37)	1	1	K.YDSVLRDILSAI
w	1581	682.8752	1363.7358	1363.7347	0.83	1	51	0.039	1	K.YDSVLRDILSAI
8	1582	682.8755	1363.7364	1363.7347	1.27	1	(47)	0.091	1	K.YDSVLRDILSAI
¥	1796	763.3928	1524.7710	1524.7725	-0.96	0	(46)	0.13	1	R.EFLVSAYFSLHGR.L
W	1797	763.3929	1524.7712	1524.7725	-0.83	0	(64)	0.002	1	R.EFLVSAYFSLHGR.L
<b>7</b>	1798	763.3932	1524.7718	1524.7725	-0.43	0		5.3e-006	1	R.EFLVSAYFSLHGR.L
8	1799	763.3934	1524.7722	1524.7725	-0.17	0	(74)	0.00019	1	R.EFLVSAYFSLHGR.L
¥	1800	763.3934	1524.7722	1524.7725	-0.17	0	(67)	0.0011	1	R.EFLVSAYFSLHGR.L
W	1802	763.3936	1524.7726	1524.7725	0.09	0	(80)	5.8e-005	1	R.EFLVSAYFSLHGR.L
<b>7</b>	1803	509.2650	1524.7732	1524.7725	0.44	0	(54)	0.024	1	R.EFLVSAYFSLHGR.L
8	1804	509.2650	1524.7732	1524.7725	0.44	0	(34)	2.4	1	R.EFLVSAYFSLHGR.L
¥	1806	509.2651	1524.7735	1524.7725	0.63	0	(40)	0.56	1	R.EFLVSAYFSLHGR.L
8	1807	509.2651	1524.7735	1524.7725	0.63	0	(27)	12	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1808		1524.7735		0.63	0	(47)	0.13	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1809	509.2651	1524.7735	1524.7725	0.63	0	(39)	0.82	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1810		1524.7735		0.63	0	(39)	0.71	1	R.EFLVSAYFSLHGR.L
8	1811	509.2651	1524.7735	1524.7725	0.63	0	(33)	3.1	1	R.EFLVSAYFSLHGR.L
8	1812			1524.7725	0.63	o	(49)	0.07	1	R.EFLVSAYFSLHGR.L
Ø	1813			1524.7725	0.63	o	(44)	0.25	1	R.EFLVSAYFSLHGR.L
Ø	1814			1524.7725	0.63	ō	(48)	0.1	1	R. EFLVSAYFSLHGR. L
<b>E</b>	1815			1524.7725	0.63	ō	(50)	0.063	1	R.EFLVSAYFSLHGR.L
Ø	1817			1524.7725	0.83	o	(40)	0.71	1	R.EFLVSAYFSLHGR.L
8	1818			1524.7725	0.83	o	(39)	0.84	1	R.EFLVSAYFSLHGR.L
Ø	1819			1524.7725	0.83	ō	(43)	0.33	1	R. EFLVSAYFSLHGR. L
8	1820	509.2652	1524.7738	1524.7725	0.83	o	(29)	8.9	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1821	509.2652	1524.7738	1524.7725	0.83	0	(43)	0.36	1	R.EFLVSAYFSLHGR.L
8	1822	509.2652	1524.7738	1524.7725	0.83	0	(28)	11	1	R.EFLVSAYFSLHGR.L
¥	1823	509.2652	1524.7738	1524.7725	0.83	0	(27)	13	1	R.EFLVSAYFSLHGR.L
W	1824	763.3942	1524.7738	1524.7725	0.88	0	(60)	0.0059	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1825	763.3943	1524.7740	1524.7725	1.01	0	(68)	0.0011	1	R.EFLVSAYFSLHGR.L
8	1826	763.3943	1524.7740	1524.7725	1.01	0	(64)	0.0025	1	R.EFLVSAYFSLHGR.L
W	1827	509.2653	1524.7741	1524.7725	1.03	0	(41)	0.54	1	R.EFLVSAYFSLHGR.L
8	1829	763.3945	1524.7744	1524.7725	1.27	0	(60)	0.0068	1	R.EFLVSAYFSLHGR.L
8	1830	763.3945	1524.7744	1524.7725	1.27	0	(56)	0.017	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1831	763.3946	1524.7746	1524.7725	1.40	0	(69)	0.0006	1	R.EFLVSAYFSLHGR.L
<b>W</b>	1832	763.3946	1524.7746	1524.7725	1.40	0	(72)	0.00035	1	R.EFLVSAYFSLHGR.L
									1	R.EFLVSAYFSLHGR.L
8	1833	763.3947	1524.7748	1524.7725	1.54	0	(67)	0.00091	-	KI DI DVDIIII DDIIGKI D
8	1833 1834	763.3947 763.3947		1524.7725 1524.7725	1.54 1.54	0	(67) (66)	0.00091	1	R.EFLVSAYFSLHGR.L
_			1524.7748							
¥	1834 1835	763.3947	1524.7748 1524.7748	1524.7725	1.54	0	(66)	0.0013	1	R.EFLVSAYFSLHGR.L
8	1834 1835 1836	763.3947 763.3948	1524.7748 1524.7748 1524.7750	1524.7725 1524.7725	1.54 1.67	0	(66) (73)	0.0013 0.00024	1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L
¥ ¥	1834 1835 1836 1840	763.3947 763.3948 763.3948	1524.7748 1524.7748 1524.7750 1524.7750	1524.7725 1524.7725 1524.7725	1.54 1.67 1.67	0	(66) (73) (49)	0.0013 0.00024 0.066	1 1 1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L
	1834 1835 1836 1840 1918	763.3947 763.3948 763.3948 764.4536 526.6100	1524.7748 1524.7748 1524.7750 1524.7750 1526.8926 1576.8082	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056	1.54 1.67 1.67 0.49 1.60	0 0 0	(66) (73) (49) 45	0.0013 0.00024 0.066 0.036	1 1 1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L K.ALLDELKALTAELK.V
	1834 1835 1836 1840 1918 1965	763.3947 763.3948 763.3948 764.4536 526.6100 803.8762	1524.7748 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383	1.54 1.67 1.67 0.49 1.60	0 0 0 1 1	(66) (73) (49) 45 35 (63)	0.0013 0.00024 0.066 0.036 2.6 0.0017	1 1 1 1 1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L K.ALLDELKALTAELK.V K.VNEKTTLLMDTSSR.Y K.DNNPVGNFATTVSDR.S
	1834 1835 1836 1840 1918 1965 1966	763.3947 763.3948 763.3948 764.4536 526.6100 803.8762 803.8762	1524.7748 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383	1.54 1.67 1.67 0.49 1.60 -0.30	0 0 0 1 1 0	(66) (73) (49) 45 35 (63) (61)	0.0013 0.00024 0.066 0.036 2.6 0.0017 0.003	1 1 1 1 1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGB.L K.ALLDELKALTAELK.V K.VNEKTTLLNDTSER.Y K.DNNPVORNATTVSDR.S K.DNNPVORNATTVSDR.S
	1834 1835 1836 1840 1918 1965	763.3947 763.3948 763.3948 764.4536 526.6100 803.8762	1524.7748 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383	1.54 1.67 1.67 0.49 1.60	0 0 0 1 1	(66) (73) (49) 45 35 (63) (61) 96	0.0013 0.00024 0.066 0.036 2.6 0.0017	1 1 1 1 1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L K.ALLDELKALTAELK.V K.VNEKTTLLMDTSSR.Y K.DNNPVGNFATTVSDR.S
	1834 1835 1836 1840 1918 1965 1966 1967 1968	763.3947 763.3948 763.3948 764.4536 526.6100 803.8762 803.8762 803.8766 803.8773	1524.7748 1524.7748 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7378 1605.7386	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383	1.54 1.67 1.67 0.49 1.60 -0.30 -0.30 0.20	0 0 0 1 1 0 0	(66) (73) (49) 45 35 (63) (61) 96 (74)	0.0013 0.00024 0.066 0.036 2.6 0.0017 0.003 8.1e-007	1 1 1 1 1 1 1	R. EFLVSAYFSLINGR. L R. EFLVSAYFSLINGR. L R. EFLVSAYFSLINGR. L K. ALLDELKALITAELK. V K. VNEKITLLINDTSSR. Y K. DNNPVONPATTYSDR. S
	1834 1835 1836 1840 1918 1965 1966 1967 1968 2057	763.3947 763.3948 763.3948 764.4536 526.6100 803.8762 803.8762 803.8766 803.8773 846.4699	1524.7748 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7378 1605.7378 1605.7386	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383	1.54 1.67 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 -0.06	0 0 0 1 1 0 0 0	(66) (73) (49) 45 35 (63) (61) 96 (74) (92)	0.0013 0.00024 0.066 0.036 2.6 0.0017 0.003 8.1e-007 0.00017 1.8e-006	1 1 1 1 1 1 1 1	R. EFLVSAYFSLHGR. L R. EFLVSAYPSLHGR. L R. EFLVSAYPSLHGB. L K. ALLDELKALTAELK. V K. VNEKTTLLNDTSER. Y K. DNNPVORNATTVSDR. S K. DNNPVORNATTVSDR. S K. DNNPVORPATTVSDR. S K. DNNPVORPATTVSDR. S K. DNNPVORPATTVSDR. S K. VYSVIQSQINAALSAK. Q
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8 8 8 8 8 8 8 8 8 8	1834 1835 1836 1840 1918 1965 1966 1967 1968 2057 2059 2060	763.3947 763.3948 763.3948 764.4536 526.6100 803.8762 803.8762 803.8766 803.8773 846.4699 846.4701 564.6492	1524.7748 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7378 1605.7386 1605.7400 1690.9252 1690.9258	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1690.9254	1.54 1.67 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 -0.06 0.17	0 0 0 1 1 0 0 0 0 0	(66) (73) (49) 45 35 (63) (61) 96 (74) (92) (77) (35)	0.0013 0.00024 0.066 0.036 2.6 0.0017 0.003 8.1e-007 0.00017 1.8e-006 5.2e-005 0.89	1 1 1 1 1 1 1 1 1 1 1 1	R. EFLVSAYFSLHGR.L R. EFLVSAYFSLHGR.L R. EFLVSAYFSLHGR.L K. ALLDELKALTAELK.V K. VNEKTILNDTSER.Y K. DNNPVONPATTYSOB.S K. DNNPVONPATTYSOB.S K. DNNPVONPATTYSOB.S K. DNNPVONPATTYSOB.S K. DNNPVONPATTYSOB.S K. VYSVIQSQINAALSAK.Q K. VYSVIQSQINAALSAK.Q K. VYSVIQSQINAALSAK.Q
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	1834 1835 1840 1918 1918 1955 1966 1967 2059 2061 2062 2062 2063 2064 2065 2069 2070 2071 2072 2072 2076 2077 2078 2079 2080	763,3948 764,4536 526,6100 803,8762 803,8762 803,8762 803,8762 803,8762 803,8762 804,6499 846,4701 564,6493 564,6493 846,4705 846,4705 846,4705 564,6493 564,6495 564,6495 564,6495 564,6495 564,6497 564,6497	1524.7748 1524.7750 1524.7750 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7386 1605.7300 1690.9252 1690.9258 1690.9251 1690.9264 1690.9264 1690.9267 1690.9267 1690.9267 1690.9268 1690.9268 1690.9268	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.9254 1690.9254	1.54 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 0.25 0.25 0.42 0.53 0.42 0.53 0.65 0.77 0.65 0.77 0.78 0.78 0.78 0.78 0.78 0.78 0.78	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(66) (73) (49) 45 45 35 (63) (61) 96 (74) (77) (35) (77) (35) (46) (120) (66) (75) (108) (112) (50) (48) (52) (51) (52) (52) (51) (52) (99) (102) (99) (51) (76)	0.0013 0.00024 0.066 0.066 0.036 2.66 0.0017 0.00017 1.8e-006 5.2e-005 0.097 0.0073 0.073 0.082 2.8e-009 0.00076 9.1e-005 4e-009 4.2e-008 1.7e-008 0.0017 0.0019 0.025 0.018 8.6e-007 1.9e-007 3.2e-007 7.6e-003		R. RELVSAYFSLHOR. L R. BELVSAYFSLHOR. L R. BELVSAYFSLHOR. L R. ALLDBLKALTABLE. V K. VINERTILLINDTSR. Y K. DNNPVGNPATTVSDR. S K. VISYTOGGUNALISAK. Q K. VYSVTOGGUNALISAK. Q
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	1834 1835 1840 1918 1918 1965 1968 2057 2060 2061 2062 2062 2063 2064 2065 2066 2067 2071 2072 2073 2074 2075 2070 2071 2072 2073 2074 2077 2078 2079 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2079 2079 2079 2079 2070 2071 2071 2072 2073 2074 2075 2076 2077 2078 2079 2079 2079 2079 2079 2079 2079 2079	763,3947 763,3948 764,4536 526,6100 803,8762 803,8762 803,8762 803,8766 803,8762 804,6499 846,4701 564,6492 564,6493 846,4705 846,4705 846,4705 846,4705 846,4705 846,4705 846,4705 846,4705 846,4705 846,4705 846,4707	1524.7748 1524.7750 1524.7750 1524.7750 1524.7750 1524.7750 1526.826 1576.8082 1605.7378 1605.7378 1605.7386 1690.9256 1690.9256 1690.9256 1690.9256 1690.9264 1690.9264 1690.9267	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1609.9254 1690.9254	1.54 1.67 0.49 0.030 0.030 0.20 0.107 0.25 0.25 0.25 0.25 0.42 0.53 0.65 0.65 0.65 0.77 0.78 0.78 0.78 0.78	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(66) (73) (45) (62) (51) (52) (51) (52) (51) (52) (51) (52) (53) (55) (55) (66) (66) (66) (75) (66) (66) (66) (75) (66) (66) (66) (66) (66) (66) (66) (6	0.0013 0.00024 0.066 0.066 0.036 2.66 0.0017 0.00017 1.8e-006 5.2e-005 0.899 0.0073 0.003 0.0027 0.00017 4.1e-005 4e-009 4.2e-008 1.7e-008 0.0047 0.0019 0.025 0.0073		R. RELVSAYFSLHOR. L R. EFLVSAYFSLHOR. L R. EFLVSAYFSLHOR. L R. ALLDELKALTAELK. V K. VMERTTLLNDTSSR. Y K. DNNFVGNFATTVSDR. S K. DNNFVGNFATTVSDR. S K. DNNFVGNFATTVSDR. S K. DNNFVGNFATTVSDR. S K. DVSTYLOGGUNAALSAK. Q K. VYSVIGSGUNAALSAK. Q
	18334 18356 18406 1918 1918 1965 1965 2057 2059 2060 2061 2062 2062 2062 2063 2064 2065 2069 2071 2072 2073 2074 2075 2076 2077 2077 2078 2079 2079 2079 2079 2079 2079 2079 2079	763.3947 763.3948 764.4536 526.6100 803.8762 803.8762 803.8766 803.8766 803.8769 846.4701 564.6492 564.6493 846.4705 846.4705 846.4705 846.4705 846.4705 846.4705 846.4707 564.6495 564.6495 564.6495 564.6495 564.6495 564.6496 564.6496 564.6496	1524.7748 1524.7750 1524.7750 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7386 1605.7300 1690.9252 1690.9252 1690.9261 1690.9261 1690.9261 1690.9264 1690.9267 1690.9270 1690.9270 1690.9270	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1609.9254 1690.9254	1.54 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 -0.06 0.17 0.42 0.53 0.42 0.53 0.65 0.77 0.78 0.78 0.78 0.78 0.88 0.88 0.88	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(66) (73) (46) (45) (53) (61) (77) (35) (77) (46) (77) (10) (77) (10) (10) (10) (10) (10) (10) (10) (10	0.0013 0.00024 0.066 0.066 0.067 0.067 0.0017 0.0017 1.8e-006 5.2e-005 0.0073 0.073 0.073 0.082 2.8e-009 0.00076 9.1e-005 4e-009 4.2e-008 0.00076 0.00076 0.00076 0.00076 0.00077 0.0019 0.005 0.0018 8.6e-007 0.003 0.003 0.003		R. EPLVSAYPSLHGR. L R. EPLVSAYPSLHGR. L R. EPLVSAYPSLHGR. L R. ALLDELKALTAELK. V K. VMERTILLINDTSR. Y K. DNIPVGNPATTVSDR. S K. DNIPVGNPATTVSDR. S K. DNIPVGNPATTVSDR. S K. DNIPVGNPATTVSDR. S K. PROPERTY STATE ST
	1834 1835 1840 1918 1965 1966 1967 1968 2057 2060 2061 2062 2063 2064 2065 2066 2066 2071 2072 2073 2074 2077 2078 2079 2070 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2079 2079 2079 2079 2079 2079 2079	763.3947 763.3948 764.4536 526.6100 803.8762 803.8766 803.8766 803.8773 846.4701 564.6492 564.6493 846.4705 846.4705 846.4705 846.4705 846.4705 846.4706 846.4707 846.4707 846.4707 846.4707	1524.7748 1524.7750 1524.7750 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7378 1605.7386 1690.9258 1690.9258 1690.9258 1690.9258 1690.9264 1690.9264 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.9254 1690.9254	1.54 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 0.25 0.42 0.53 0.60 0.65 0.65 0.77 0.78 0.78 0.78 0.78 0.78 0.78 0.78		(66) (73) (46) (52) (67) (66) (77) (77) (77) (77) (77) (77	0.0013 0.00024 0.066 0.036 2.66 0.0017 0.0038 8.1e-007 0.0017 1.8e-006 5.2e-005 0.89 0.0073 0.073 0.082 2.8e-009 0.00076 9.1e-005 4e-009 4.2e-008 0.014 0.012 0.014 0.019 0.018 8.6e-007 1.9e-007 1.9e-007 3.2e-007 1.9e-007 3.2e-007 0.023 7.6e-005 0.0008		R. EFLVSAYFSLHGR. L R. EFLVSAYFSLHGR. L R. EFLVSAYFSLHGR. L R. ALLDELKALTAELK. V K. VAVESTILLAND TSSR. Y K. DNNPVGNFATTVSDR. S K. DNNPVGNFATTVSDR. S K. DNNPVGNFATTVSDR. S K. DNNPVGNFATTVSDR. S K. VYSVIQSQINAALSAK. Q K. VYSVIQSQINALSAK. Q K. VYSVIQSQINAALSAK. Q
	1831 1835 1836 1840 1918 1965 1966 1967 2057 2059 2061 2062 2063 2064 2065 2067 2068 2070 2070 2072 2073 2072 2073 2074 2075 2076 2077 2078 2079 2079 2080 2081 2083 2084 2077 2078 2079 2080 2081 2083 2084 2085 2086 2087 2088 2089 2089 2089 2089 2070 2071 2072 2074 2075 2076 2077 2078 2089 2089 2089 2099 2099 2099 2099 2070 2071 2078 2088 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2089 2099 2089	763,3948 764,4536 526,6100 803,8762 803,8762 803,8762 803,8766 803,8773 846,4699 564,6492 564,6493 846,4701 846,4705 846,4705 846,4705 846,4707 846,4707 846,4707 846,4707	1524.7748 1524.7750 1524.7750 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7378 1605.7386 1605.7400 1690.9252 1690.9258 1690.9251 1690.9264 1690.9264 1690.9267 1690.9267 1690.9268 1690.9268 1690.9268 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9269 1690.9270 1690.9270 1690.9270	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.9254 1690.9254	1.54 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 0.25 0.25 0.42 0.53 0.65 0.77 0.65 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(66) (73) (49) 45 (63) (61) (76) (77) (35) (63) (77) (35) (77) (46) (46) (75) (112) (53) (50) (112) (52) (52) (51) (52) (52) (53) (51) (66) (67) (51) (106) (67) (51) (106) (57) (51) (106) (67) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (57) (57) (57) (57) (57) (57) (57	0.0013 0.00024 0.066 0.036 2.66 0.0017 0.00017 1.88-006 5.28-005 0.0073 0.073 0.073 0.082 2.88-009 0.00076 9.18-005 48-009 4.28-008 1.78-008 1.78-008 0.0077 0.021 0.025 0.018 8.68-007 1.98-007 0.023 7.68-005 0.0081 0.00081 0.0004 8.18-008		R. EFLVSAYFSLHGR. L R. EFLVSAYFSLHGR. L R. EFLVSAYFSLHGR. L R. ALLDELKALITAELK. V K. VHERTILLINTSSR. Y K. DNIPVCNIPATIVSDR. S K. VISVIGOGINALISAK. Q K. VYSVIGOGINALISAK. Q
	1834 1835 1846 1948 1965 1966 2057 2062 2062 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2077 2078 2079 2079 2079 2070 2071 2071 2072 2073 2074 2075 2076 2077 2078 2079 2079 2080 2081 2081 2081 2081 2081 2081 2081	763,3948 764,4536 526,6100 803,8762 803,8762 803,8762 803,8766 803,8773 846,4699 564,6492 564,6493 846,4701 846,4705 846,4705 846,4705 846,4707 846,4707 846,4707 846,4707	1524.7748 1524.7750 1524.7750 1524.7750 1524.7750 1524.7750 1526.8926 1576.8082 1605.7378 1605.7378 1605.7386 1690.9258 1690.9258 1690.9258 1690.9258 1690.9264 1690.9264 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9267 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268 1690.9268	1524.7725 1524.7725 1524.7725 1526.8919 1576.8056 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.7383 1605.9254 1690.9254	1.54 1.67 0.49 1.60 -0.30 -0.30 0.20 1.07 0.25 0.25 0.42 0.53 0.65 0.77 0.65 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.78	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(66) (73) (49) 45 (63) (61) (76) (77) (35) (63) (77) (35) (77) (46) (46) (75) (112) (53) (50) (112) (52) (52) (51) (52) (52) (53) (51) (66) (67) (51) (106) (67) (51) (106) (57) (51) (106) (67) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (51) (106) (57) (57) (57) (57) (57) (57) (57) (57	0.0013 0.00024 0.066 0.036 2.66 0.0017 0.00017 1.88-006 5.28-005 0.0073 0.073 0.073 0.082 2.88-009 0.00076 9.18-005 48-009 4.28-008 1.78-008 1.78-008 0.0077 0.021 0.025 0.018 8.68-007 1.98-007 0.023 7.68-005 0.0081 0.00081 0.0004 8.18-008		R. EFLVSAYFSLHGR. L R. EFLVSAYFSLHGR. L R. EFLVSAYFSLHGR. L R. ALLDELKALITAELK. V K. VHERTILLINTSSR. Y K. DNIPVCNIPATIVSDR. S K. VISVIGOGINALISAK. Q K. VYSVIGOGINALISAK. Q

₩	21	087	564.6497	1690.9273	1690.9254	1.13	0	(52)	0.019	1		K.VYSVIQSQINAALSAK.Q
2		088	846.4710	1690.9274	1690.9254	1.24	0	(106)	8e-008	1		K.VYSVIQSQINAALSAK.Q
<b>W</b>		089	846.4710	1690.9274	1690.9254	1.24	0		1.8e-007	1		K.VYSVIQSQINAALSAK.Q
8	20	090	564.6498	1690.9276	1690.9254	1.31	0	(59)	0.004	1		K.VYSVIQSQINAALSAK.Q
<b>~</b>	_	091	564.6498	1690.9276	1690.9254	1.31	0	(65)	0.00093	1		K.VYSVIQSQINAALSAK.Q
8		092	564.6498	1690.9276	1690.9254	1.31	0	(58)	0.0047	1		K.VYSVIQSQINAALSAK.Q
8		093 094	846.4711 846.4711	1690.9276 1690.9276	1690.9254 1690.9254	1.36	0		6.9e-007 2.1e-006	1		K.VYSVIQSQINAALSAK.Q K.VYSVIQSQINAALSAK.Q
8		095	846.4711	1690.9276	1690.9254	1.36	0		5.1e-007	1		K.VYSVIQSQINAALSAK.Q
8		096	846.4711	1690.9276	1690.9254	1.36	0		1.1e-007	1		K.VYSVIQSQINAALSAK.Q
¥	20	097	846.4712	1690.9278	1690.9254	1.47	0	(101)	2.4e-007	1		K.VYSVIQSQINAALSAK.Q
<b>V</b>	20	098	846.4712	1690.9278	1690.9254	1.47	0	(106)	7.2e-008	1		K.VYSVIQSQINAALSAK.Q
<b>7</b>	_	099	846.4713	1690.9280	1690.9254	1.59	0		1.1e-007	1		K.VYSVIQSQINAALSAK.Q
8		100	846.4713	1690.9280	1690.9254	1.59	0		4.6e-008	1		K.VYSVIQSQINAALSAK.Q
8		101	846.4713 846.4714	1690.9280	1690.9254 1690.9254	1.59	0		2.7e-008 1.9e-007	1		K.VYSVIQSQINAALSAK.Q K.VYSVIQSQINAALSAK.Q
8		103	564.6502	1690.9288	1690.9254	2.02	0	(53)	0.014	1		K.VYSVIOSOINAALSAK.O
8	_	105	564.6508	1690.9306	1690.9254	3.09	0	(30)	3.5	ī		K.VYSVIOSOINAALSAK.O
8		277	592.0109	1773.0109	1773.0148	-2.24	0	(45)	0.037	1		R.IVLAHAGQPLSEAQVLK.A
8		278	592.0117	1773.0133	1773.0148	-0.89	0	(44)	0.043	1		R.IVLAHAGQPLSEAQVLK.A
8		280	592.0118	1773.0136	1773.0148	-0.72	0	(42)	0.066	1		R.IVLAHAGQPLSEAQVLK.A
<b>W</b>		281	592.0120	1773.0142	1773.0148	-0.38	0	(33)	0.57	1		R.IVLAHAGQPLSEAQVLK.A
8		282	592.0120 887.5146	1773.0142 1773.0146	1773.0148	-0.38	0	(28)	1.8	1		R.IVLAHAGQPLSEAQVLK.A
8		283 284	887.5146	1773.0146	1773.0148 1773.0148	-0.11 -0.11	0	(69) (60)	0.00014	1		R.IVLAHAGQPLSEAQVLK.A R.IVLAHAGQPLSEAQVLK.A
8		285	592.0122	1773.0148	1773.0148	-0.04	0	(28)	1.8	1		R.IVLAHAGQPLSEAQVLK.A
8		286	592.0122	1773.0148	1773.0148	-0.04	0	(37)	0.18	1		R.IVLAHAGQPLSEAQVLK.A
₩	_	287	887.5148	1773.0150	1773.0148	0.11	0	(42)	0.067	1		R.IVLAHAGQPLSEAQVLK.A
<b>7</b>		288	592.0123	1773.0151	1773.0148	0.13	0	(49)	0.012	1		R.IVLAHAGQPLSEAQVLK.A
8	2:	289	592.0123	1773.0151	1773.0148	0.13	0	(45)	0.029	1		R.IVLAHAGQPLSEAQVLK.A
<b>~</b>		290	592.0123	1773.0151	1773.0148	0.13	0	(35)	0.29	1		R.IVLAHAGQPLSEAQVLK.A
¥		291	592.0123	1773.0151	1773.0148	0.13	0	(24)	3.5	1		R.IVLAHAGQPLSEAQVLK.A
8		292	592.0124	1773.0154	1773.0148	0.30	0	(30)	1.1	1		R.IVLAHAGQPLSEAQVLK.A
8		293	592.0124	1773.0154	1773.0148	0.30	0	(37)	0.24	1		R.IVLAHAGQPLSEAQVLK.A
8		294	592.0124 592.0125	1773.0154	1773.0148 1773.0148	0.30	0	(32)	0.69	1		R.IVLAHAGQPLSEAQVLK.A
8		295 296	592.0125	1773.0157	1773.0148	0.47	0	(42) (29)	0.07	1		R.IVLAHAGQPLSEAQVLK.A R.IVLAHAGQPLSEAQVLK.A
8		297	592.0126	1773.0160	1773.0148	0.63	0	(28)	1.8	1		R.IVLAHAGQPLSEAQVLK.A
8		298	592.0126	1773.0160	1773.0148	0.63	0	(42)	0.065	1		R. TVI.AHAGOPI.SEAOVI.K. A
8		299	592.0126	1773.0160	1773.0148	0.63	0	(39)	0.12	1		R.IVLAHAGQPLSEAQVLK.A
₩		300	887.5153	1773.0160	1773.0148	0.68	0	(51)	0.0084	1		R.IVLAHAGQPLSEAQVLK.A
<b>V</b>	2	301	887.5153	1773.0160	1773.0148	0.68	0	74	3.9e-005	1		R.IVLAHAGQPLSEAQVLK.A
<b>7</b>	2	302	887.5154	1773.0162	1773.0148	0.79	0	(54)	0.0038	1		R.IVLAHAGQPLSEAQVLK.A
8		303	592.0127	1773.0163	1773.0148	0.80	0	(40)	0.1	1		R.IVLAHAGQPLSEAQVLK.A
<b>*</b>		304	592.0127	1773.0163	1773.0148	0.80	0	(38)	0.18	1		R.IVLAHAGQPLSEAQVLK.A
8		305	887.5156	1773.0166	1773.0148	1.02	0	(54)	0.0045	1		R.IVLAHAGQPLSEAQVLK.A
8		306	592.0129	1773.0169	1773.0148	1.14	0	(39)	0.15	1		R.IVLAHAGQPLSEAQVLK.A
8		307 308	887.5160 592.0131	1773.0174 1773.0175	1773.0148 1773.0148	1.47	0	(68) (25)	0.00018	1		R.IVLAHAGQPLSEAQVLK.A R.IVLAHAGQPLSEAQVLK.A
8		309	592.0132	1773.0173	1773.0148	1.65	0	(30)	1.1	1		R.IVLAHAGQPLSEAQVLK.A
8		310	592.0132	1773.0178	1773.0148	1.65	0	(29)	1.4	ī		R.IVLAHAGQPLSEAQVLK.A
₩		311	887.5170	1773.0194	1773.0148	2.60	0	(43)	0.066	1		R.IVLAHAGQPLSEAQVLK.A
<b>7</b>	2	312	592.0138	1773.0196	1773.0148	2.66	0	(46)	0.029	1		R.IVLAHAGQPLSEAQVLK.A
$\forall$	2:	313	887.5171	1773.0196	1773.0148	2.71	0	(29)	1.7	1		R.IVLAHAGQPLSEAQVLK.A
¥		462	928.9492	1855.8838	1855.8840	-0.06	0	(58)	0.0082	1	υ	K.DSPEYALLSNLDTFSGK.L
8	_	463	619.6356	1855.8850	1855.8840	0.55	0	(27)	9.1	1	σ	K.DSPEYALLSNLDTFSGK.L
8	_	464	928.9503	1855.8860	1855.8840	1.13	0		1.4e-007	1	U	K.DSPEYALLSNLDTFSGK.L
8		465	619.6360	1855.8862	1855.8840	1.19	0		0.00035	1	υ	K.DSPEYALLSNLDTFSGK.L
9		711 712	712.3669 712.3671	2134.0789 2134.0795	2134.0794 2134.0794	0.04	1	(52) (23)	0.04 27	1		R.LDEDVIGVYKDVLQTQDGK.R R.LDEDVIGVYKDVLQTQDGK.R
8		713	712.3672	2134.0798	2134.0794	0.18	1	(56)	0.014	1		R.LDEDVIGVYKDVLQTQDGK.R
8		714	712.3674	2134.0804	2134.0794	0.46	1	(33)	3.2	ī		R.LDEDVIGVYKDVLQTQDGK.R
8		715	712.3676	2134.0810	2134.0794	0.74	1	(33)	3.4	1		R.LDEDVIGVYKDVLQTQDGK.R
8	2	716	712.3676	2134.0810	2134.0794	0.74	1	(34)	2.4	1		R.LDEDVIGVYKDVLQTQDGK.R
8		717	712.3676	2134.0810	2134.0794	0.74	1	(58)	0.009	1		R.LDEDVIGVYKDVLQTQDGK.R
8		718	1068.0480	2134.0814	2134.0794	0.96	1	(46)	0.14	1		R.LDEDVIGVYKDVLQTQDGK.R
8		719	1068.0480	2134.0814	2134.0794	0.96	1		1.7e-006	1		R.LDEDVIGVYKDVLQTQDGK.R
8	_	720	1068.0480	2134.0814	2134.0794	0.96	1		4.6e-006	1		R.LDEDVIGVYKDVLQTQDGK.R
8		721	712.3679	2134.0819	2134.0794	1.16	1	(37)	0.038	1		R.LDEDVIGVYKDVLQTQDGK.R R.LDEDVIGVYKDVLOTODGK.R
8		722 723	712.3679	2134.0819	2134.0794	1.16	1	(29)	6.7	1		R.LDEDVIGVYKDVLQTQDGK.R R.LDEDVIGVYKDVLQTQDGK.R
2		724	712.3680	2134.0822	2134.0794	1.30	1	(53)	0.03	1		R.LDEDVIGVYKDVLQTQDGK.R
8		725	712.3680	2134.0822	2134.0794	1.30	1	(40)	0.64	ī		R.LDEDVIGVYKDVLQTQDGK.R
		726	712.3681	2134.0825	2134.0794	1.44	1	(60)		1		R.LDEDVIGVYKDVLQTQDGK.R
<b>~</b>	2	727	712.3682	2134.0828	2134.0794	1.58	1	(53)		1		R.LDEDVIGVYKDVLQTQDGK.R
8		728	712.3685	2134.0837	2134.0794	2.01	1			1		R.LDEDVIGVYKDVLQTQDGK.R
8		729	712.3688	2134.0846	2134.0794	2.43	1	(20)		1		R.LDEDVIGVYKDVLQTQDGK.R
		730	712.3690	2134.0852 2134.0876	2134.0794	2.71	1			1		R.LDEDVIGVYKDVLQTQDGK.R
		731				3.83	1		1.9	1		R.LDEDVIGVYKDVLQTQDGK.R
		740 784	1086 0350	2145.1924	2170 0500	0.84 -1.28	1		0.29 5.2e-007	1	υ	<pre>K.VYSVIQSQINAALSAKQGIR.I R.WKDSPEYALLSNLDTFSGK.L</pre>
		785	1086.0360	2170.0554 2170.0574	2170.0582	-0.36		(65)		1	U	R.WKDSPEYALLSNLDTFSGK.L
		785 786		2170.0574							U	R.WKDSPEYALLSNLDTFSGK.L
		787		2170.0588						1	σ	R.WKDSPEYALLSNLDTFSGK.L
		788		2170.0594							υ	R.WKDSPEYALLSNLDTFSGK.L
				2170.0594							σ	R.WKDSPEYALLSNLDTFSGK.L
		790	1086.0370	2170.0594	2170.0582	0.56	1	(71)	0.00045	1	σ	R.WKDSPEYALLSNLDTFSGK.L
			1006 0370	2170 0504	2170 0502	0.56	1	(48)	0.096	1	U	R.WKDSPEYALLSNLDTFSGK.L
	2	791	1000.0370	2170.0394	2170.0302			,				

<b>V</b>	2792	1086.0370	2170.0594	2170.0582	0.56	1	(92)	3.7e-006	1	U	R.WKDSPEYALLSNLDTFSGK.L
<b>V</b>	2793	724.3605	2170.0597	2170.0582	0.67	1	(44)	0.22	1	υ	R.WKDSPEYALLSNLDTFSGK.L
8	2794	724.3607	2170.0603	2170.0582	0.94	1	(43)	0.31	1	U	R.WKDSPEYALLSNLDTFSGK.L
8	2795	724.3607 724.3608	2170.0603 2170.0606	2170.0582 2170.0582	0.94	1	(48) (56)	0.099	1	U	R.WKDSPEYALLSNLDTFSGK.L R.WKDSPEYALLSNLDTFSGK.L
×	2796 2797	724.3608	2170.0606	2170.0582	1.08	1	(41)	0.014	1	ū	R.WKDSPEYALLSNLDTFSGK.L
8	2798	724.3608	2170.0606	2170.0582	1.08	1	(53)	0.029	1	U	R.WKDSPEYALLSNLDTFSGK.L
₩	2799	724.3608	2170.0606	2170.0582	1.08	1	(36)	1.3	1	σ	R.WKDSPEYALLSNLDTFSGK.L
$\overline{\mathscr{C}}$	2800	724.3608	2170.0606	2170.0582	1.08	1	(46)	0.13	1	U	R.WKDSPEYALLSNLDTFSGK.L
8	2801	724.3608	2170.0606	2170.0582	1.08	1	(46)	0.13	1	υ	R.WKDSPEYALLSNLDTFSGK.L
8	2802	724.3608	2170.0606	2170.0582	1.08	1	(42)	0.34	1	U	R.WKDSPEYALLSNLDTFSGK.L
₩ ₩	2803 2804	724.3610 724.3610	2170.0612 2170.0612	2170.0582 2170.0582	1.36	1	(51) (41)	0.042	1	Ū	R.WKDSPEYALLSNLDTFSGK.L R.WKDSPEYALLSNLDTFSGK.L
8	2805	1086.0380	2170.0614	2170.0582	1.48	1	(69)	0.00075	1	U	R.WKDSPEYALLSNLDTFSGK.L
₩	2806	1086.0380	2170.0614	2170.0582	1.48	1	112	3.4e-008	1	υ	R.WKDSPEYALLSNLDTFSGK.L
$\overline{\mathscr{C}}$	2807	724.3613	2170.0621	2170.0582	1.77	1	(41)	0.5	1	υ	R.WKDSPEYALLSNLDTFSGK.L
¥	2808	724.3617	2170.0633	2170.0582	2.32	1	(46)	0.12	1	U	R.WKDSPEYALLSNLDTFSGK.L
₩	2809	1086.0390	2170.0634 2170.0634	2170.0582 2170.0582	2.41	1		7.5e-005 0.0012	1	U	R.WKDSPEYALLSNLDTFSGK.L R.WKDSPEYALLSNLDTFSGK.L
₩	2810 2811	1086.0390 724.3620	2170.0634	2170.0582	2.41	1	(67) (36)	1.4	1	U	R.WKDSPEYALLSNLDTFSGK.L R.WKDSPEYALLSNLDTFSGK.L
8	2924	742.3766	2224.1080	2224.1084	-0.17	1	43	0.3	1	-	K.TTLLNDTSSRYNSAVEALNR.F
₩	2969	1122.6290	2243.2434	2243.2426	0.38	0	(48)	0.024	1		K.ALAWLLAANPSAPPGQGLEVLR.E
$\overline{\mathscr{C}}$	2970	1122.6290	2243.2434	2243.2426	0.38	0	(46)	0.039	1		K.ALAWLLAANPSAPPGQGLEVLR.E
$\mathbb{F}$	2971	1122.6290	2243.2434	2243.2426	0.38	0	(58)	0.0025	1		K.ALAWLLAANPSAPPGQGLEVLR.E
Ø	2972	1122.6290	2243.2434	2243.2426	0.38	0	(67)	0.00034	1		K.ALAWLLAANPSAPPGQGLEVLR.E
8	2973 2974	748.7555 1122.6300	2243.2447 2243.2454	2243.2426 2243.2426	0.92 1.27	0	(31) 88	1.4 2.6e-006	1		K.ALAWLLAANPSAPPGQGLEVLR.E K.ALAWLLAANPSAPPGQGLEVLR.E
2	2975	1122.6300	2243.2454	2243.2426	1.27	0	(46)	0.041	1		K.ALAWLLAANPSAPPGQGLEVLR.E
<b>W</b>	2976	1122.6300	2243.2454	2243.2426	1.27	0	(45)	0.048	1		K.ALAWLLAANPSAPPGQGLEVLR.E
$\overline{\mathscr{C}}$	2977	1122.6300	2243.2454	2243.2426	1.27	0	(58)	0.0026	1		K.ALAWLLAANPSAPPGQGLEVLR.E
<b>W</b>	<u>2978</u>	1122.6300	2243.2454	2243.2426	1.27	0	(58)	0.0023	1		K.ALAWLLAANPSAPPGQGLEVLR.E
8	2979	1122.6300	2243.2454	2243.2426	1.27	0	(68)	0.00022	1		K.ALAWLLAANPSAPPGQGLEVLR.E
Ø	2980 2981	748.7558 748.7558	2243.2456 2243.2456	2243.2426 2243.2426	1.33	0	(31) (49)	1.3 0.018	1		K.ALAWLLAANPSAPPGQGLEVLR.E K.ALAWLLAANPSAPPGQGLEVLR.E
8	2982	748.7558	2243.2456	2243.2426	1.33	0	(51)	0.010	1		K.ALAWLLAANPSAPPGQGLEVLR.E
8	2983	748.7558	2243.2456	2243.2426	1.33	0	(58)	0.0028	1		K.ALAWLLAANPSAPPGQGLEVLR.E
¥	2984	748.7560	2243.2462	2243.2426	1.59	0	(28)	2.2	1		K.ALAWLLAANPSAPPGQGLEVLR.E
¥	2985	748.7560	2243.2462	2243.2426	1.59	0	(52)	0.01	1		K.ALAWLLAANPSAPPGQGLEVLR.E
8	2986	748.7562	2243.2468	2243.2426	1.86	0	(55)	0.0051	1		K.ALAWLLAANPSAPPGQGLEVLR.E
<b>V</b>	2987 2988	748.7562 748.7563	2243.2468	2243.2426 2243.2426	1.86	0	(35)	0.48 1.6	1		K.ALAWLLAANPSAPPGQGLEVLR.E K.ALAWLLAANPSAPPGQGLEVLR.E
₩	2989	748.7563	2243.2471	2243.2426	1.99	0	(62)	0.00093	1		K.ALAWLLAANPSAPPGOGLEVLR.E
₩	2990	748.7573	2243.2501	2243.2426	3.33	0	(53)	0.0072	1		K.ALAWLLAANPSAPPGQGLEVLR.E
8	3055	1139.0710	2276.1274	2276.1325	-2.22	0	93	3.3e-006	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
<b>~</b>	3056	1139.0730	2276.1314	2276.1325	-0.46	0	(61)	0.0054	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3057	1139.0730	2276.1314	2276.1325	-0.46	0	(74)	0.00024	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
₩	3058 3059	759.7184 1139.0740	2276.1334	2276.1325	0.39	0	(21) (56)	56 0.016	1		R.IDAGGIDLVDPTLYGYAVGDPR.W R.IDAGGIDLVDPTLYGYAVGDPR.W
E	3060	1139.0740	2276.1334	2276.1325	0.42	0	(52)	0.039	1		R.IDAGGIDLVDFTLYGYAVGDFR.W
8	3061	759.7186	2276.1340	2276.1325	0.65	0	(29)	8.8	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
¥	3062	759.7187	2276.1343	2276.1325	0.78	0	(25)	20	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
<b>W</b>	3063	759.7187	2276.1343	2276.1325	0.78	0	(38)	1	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3064	759.7189	2276.1349	2276.1325	1.05	0	(26)	15	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
₽	3065 3066	759.7189 1139.0750	2276.1349 2276.1354	2276.1325 2276.1325	1.05	0	(29) (65)	7.8 0.0022	1		R.IDAGGIDLVDPTLYGYAVGDPR.W R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3067	1139.0750	2276.1354	2276.1325	1.30	0		1.5e-005	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
<b>W</b>	3068	1139.0750	2276.1354	2276.1325	1.30	0	(74)	0.00028	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
7	3069	1139.0750	2276.1354	2276.1325	1.30	0	(80)	6.4e-005	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
W	3070	759.7191	2276.1355	2276.1325	1.31	0	(28)	10	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3071 3072	759.7191 759.7192	2276.1355 2276.1358	2276.1325	1.31	0	(28)	11 2.7	1		R.IDAGGIDLVDPTLYGYAVGDPR.W R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3073	759.7192	2276.1356	2276.1325	1.70	0	(21)	55	1		R.IDAGGIDLVDFILIGIAVGDFR.W
8	3074	1139.0760	2276.1374	2276.1325	2.18	0	(37)	1.2	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
$\forall$	3075	1139.0760	2276.1374	2276.1325	2.18	0	(60)	0.0071	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
¥	3076	1139.0760	2276.1374	2276.1325	2.18	0	(70)	0.00064	1		R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3077 3078	759.7199 759.7202	2276.1379 2276.1388	2276.1325	2.36	0	(36)	1.6 0.18	1		R.IDAGGIDLVDPTLYGYAVGDPR.W R.IDAGGIDLVDPTLYGYAVGDPR.W
8	3079	1139.0770	2276.1386	2276.1325	3.06	0	(67)	0.0013	1		R.IDAGGIDLVDFTLYGYAVGDFR.W
<b>E</b>	3344	806.7914	2417.3524	2417.3529	-0.23	1	47	0.022	1		K.ALTAELKVYSVIQSQINAALSAK.Q
8	3346	806.7927	2417.3563	2417.3529	1.39	1	(44)	0.037	1		K.ALTAELKVYSVIQSQINAALSAK.Q
W	3412	911.1422	2730.4048	2730.3977	2.59	1	60	0.0043	1		${\tt K.QGIRIDAGGIDLVDPTLYGYAVGDPR.W}$
₩	3420	1386.6390	2771.2634	2771.2675	-1.45	1	60	0.0026	1	υ	K.GLSDEYPFEKDNNPVGNFATTVSDR.S
8	3421 3422	924.7623	2771.2651	2771.2675 2771.2675	-0.87 -0.54	1	(35)	0.88	1	U	K.GLSDEYPFEKDNNPVGNFATTVSDR.S K.GLSDEYPFEKDNNPVGNFATTVSDR.S
	3423			2771.2675				3.6			K.GLSDEYFFEKDNNPVGNFATTVSDR.S
	3424			2771.2675							K.GLSDEYPFEKDNNPVGNFATTVSDR.S
	3425	924.7635	2771.2687	2771.2675	0.43	1	(46)	0.08	1	υ	K.GLSDEYPFEKDNNPVGNFATTVSDR.S
	3426			2771.2675							K.GLSDEYPFEKDNNPVGNFATTVSDR.S
	3427			2771.2675							K.GLSDEYPFEKDNNPVGNFATTVSDR.S
	3428 3429			2771.2675 2771.2675			(37)	0.58			K.GLSDEYPFEKDNNPVGNFATTVSDR.S K.GLSDEYPFEKDNNPVGNFATTVSDR.S
8				2771.2675			(47)				K.GLSDEIPFEKDNNPVGNFATIVSDR.S
₩	_	924.7638	2771.2696	2771.2675	0.76	1	(46)		1	υ	K.GLSDEYPFEKDNNPVGNFATTVSDR.S
8	3432	924.7639	2771.2699	2771.2675	0.87	1	(39)	0.37	1	υ	K.GLSDEYPFEKDNNPVGNFATTVSDR.S
8		924.7639	2771.2699	2771.2675	0.87	1	(41)	0.22		U	K.GLSDEYPFEKDNNPVGNFATTVSDR.S
8	3435			2771.2675 2771.2675			(37) (45)	0.59		U	K.GLSDEYPFEKDNNPVGNFATTVSDR.S K.GLSDEYPFEKDNNPVGNFATTVSDR.S
	3436 3437			2771.2675			(46)	0.084		Ū	K.GLSDEYPFEKDNNPVGNFATTVSDR.S K.GLSDEYPFEKDNNPVGNFATTVSDR.S
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■ 3438 924.7641 2771.2705 2771.2675 1.08 1 (40) 0.29 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S

       924.7642 2771.2708 2771.2675 1.19 1 (44) 0.13 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S
☑ 3439
       924.7643 2771.2711 2771.2675 1.30 1 (34)
                                                1.2 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S
       924.7645 2771.2717 2771.2675 1.52 1 (50) 0.028 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S
☑ 3442
       924.7645 2771.2717 2771.2675 1.52 1 (49) 0.038 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S
₹ 3443
      924.7646 2771.2720 2771.2675 1.62 1 (48) 0.045 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S
3444 924.7648 2771.2726 2771.2675 1.84 1 (41) 0.23 1 U K.GLSDEYPFEKDNNPVGNFATTVSDR.S
3528 1442.2730 2882.5314 2882.5276 1.33 0 65 0.00075 1 U R.ELFLDELLAASAAPASAEQEELLALLR.S
3529 961.8517 2882.5333 2882.5276 1.96 0 (51) 0.021 1 U R.ELFLDELLAASAAPASAEQEELLALLR.S
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Proteins matching the same set of peptides:
gi | 730481600 | Mass: 32292 | Score: 2258 | Matches: 477(187) | Sequences: 36(24)

type III secretion protein [Pseudomonas aeruginosa]

gi 734477586 Mass: 32234 Score: 2258 Matches: 477(187) Sequences: 36(24)

type III secretion protein PcrV [Pseudomonas aeruginosa]

gi | 685887085 | Mass: 32277 | Score: 1952 | Matches: 385(153) | Sequences: 32(20) | emPAI: 7.47 type III secretion protein [Pseudomonas aeruginosa]

Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)		Miss 0	Score	Expect	Rank	Unique	Peptide
36 39	358.2086	714.4026 714.4030	714.4024 714.4024	0.32	0	(28)	33	3		R.EVLQAR.R R.EVLQAR.R
40	358.2089	714.4032	714.4024	1.16	0		1.1e+002	5		R.EVLQAR.R
76	373.2265	744.4384	744.4381	0.43	0	50	0.15	1		K.ALTAELK.V
77	376.6996	751.3846	751.3864	-2.39	0	(36)	2.1	1		K.YDSVLR.D
79	376.7002	751.3858	751.3864	-0.79	0	(34)	3.4	1		K.YDSVLR.D
80	376.7003	751.3860	751.3864	-0.53	0	(27)	16	1		K.YDSVLR.D
81	376.7003	751.3860	751.3864	-0.53	0	(25)	27	1		K.YDSVLR.D
83	376.7004	751.3862	751.3864	-0.26	0	(26)	20	1		K.YDSVLR.D
84	376.7004	751.3862	751.3864	-0.26	0	(34)	3.3	1		K.YDSVLR.D
85	376.7004	751.3862	751.3864	-0.26	0	(25)	27	1		K.YDSVLR.D
88	376.7004 376.7005	751.3862 751.3864	751.3864 751.3864	-0.26 0.01	0	(36)	2.3 25	1		K.YDSVLR.D K.YDSVLR.D
90 91	376.7005	751.3864	751.3864	0.01	0	(23)	48	1		K.YDSVLR.D K.YDSVLR.D
92	376.7005	751.3864	751.3864	0.01	0	(28)	12	1		K.YDSVLR.D
93	376.7005	751.3864	751.3864	0.01	0	(34)	3.9	1		K.YDSVLR.D
94	376.7006	751.3866	751.3864	0.27	0	(28)	12	1		K.YDSVLR.D
95	376.7006	751.3866	751.3864	0.27	0	(23)	48	3		K.YDSVLR.D
96	376.7006	751.3866	751.3864	0.27	0	(25)	25	1		K.YDSVLR.D
97	376.7006	751.3866	751.3864	0.27	0	(38)	1.5	1		K.YDSVLR.D
98	376.7007	751.3868	751.3864	0.54	0	39	1.1	1		K.YDSVLR.D
99	376.7007	751.3868	751.3864	0.54	0	(27)	17	1		K.YDSVLR.D
100	376.7007	751.3868	751.3864	0.54	0	(24)	35	1		K.YDSVLR.D
101	376.7008 376.7008	751.3870	751.3864 751.3864	0.80	0	(29)	12	1		K.YDSVLR.D K.YDSVLR.D
102 173	401.2395	751.3870 800.4644	800.4643	0.80	0	37	1.9	1		K.ALLDELK.A
178	401.2393	800.4650	800.4643	0.13	0	(36)	1.4	1		K.ALLDELK.A
179	401.2400	800.4654	800.4643	1.38	0	(25)	20	1		K.ALLDELK.A
222	415.2302	828.4458	828.4453	0.61	0	(29)	9.6	2		R.SRPLNDK.V
223	415.2303	828.4460	828.4453	0.85	0	(31)	6.1	4		R.SRPLNDK.V
224	415.2303	828.4460	828.4453	0.85	0	(31)	6.6	8		R.SRPLNDK.V
225	415.2307	828.4468	828.4453	1.82	0	32	5.7	3		R.SRPLNDK.V
254	425.7188	849.4230	849.4232	-0.22	0	(27)	12	1		K.DFLSGSPK.Q
256	425.7193	849.4240 928.5580	849.4232	0.96	0	42	0.63	1 4		K.DFLSGSPK.Q
339 342	465.2863	928.5580	928.5593 928.5593	-1.34 -0.05	1	(32) 53	0.029	1		R.KALLDELK.A
343	465.2870	928.5594	928.5593	0.16	1	(50)	0.029	1		R.KALLDELK.A
444	502.2563	1002.4980	1002.4982	-0.15	0	(46)	0.18	1		K.DVLOTODGK.R
445	502.2565	1002.4984	1002.4982	0.25	0	51	0.07	1		K.DVLOTODGK.R
559	535.7724	1069.5302	1069.5305	-0.22	0	(29)	7	1		R.QPGAQWDLR.E
560	535.7725	1069.5304	1069.5305	-0.04	0	(36)	1.3	1		R.QPGAQWDLR.E
561	535.7726	1069.5306	1069.5305	0.15	0	(22)	39	2		R.QPGAQWDLR.E
562	535.7727	1069.5308	1069.5305	0.34	0	(28)	8.8	2		R.QPGAQWDLR.E
563	535.7728	1069.5310	1069.5305	0.52	0	38	0.62	1		R.QPGAQWDLR.E
565	535.7729 554.2853	1069.5312	1069.5305 1106.5568	0.71	0	(36)	1.1 0.35	1		R.QPGAQWDLR.E
634 635	554.2853	1106.5560 1106.5564	1106.5568	-0.85	0	(41)	0.35	1		K.TTLLNDTSSR.Y K.TTLLNDTSSR.Y
636	554.2858	1106.5564	1106.5568	0.26	0	(31)	6.3	1		K.TTLLNDTSSR.Y
637	554.2859	1106.5572	1106.5568	0.44	0	(76)	0.00019	1		K.TTLLNDTSSR.Y
638	554.2859	1106.5572	1106.5568	0.44	0	(49)	0.1	1		K.TTLLNDTSSR.Y
639	554.2860	1106.5574	1106.5568	0.62	0	(49)	0.088	1		K.TTLLNDTSSR.Y
640	554.2861	1106.5576	1106.5568	0.80	0	83	4.3e-005	1		K.TTLLNDTSSR.Y
641	554.2861	1106.5576	1106.5568	0.80	0	(49)	0.095	1		K.TTLLNDTSSR.Y
642	554.2861	1106.5576	1106.5568	0.80	0	(64)	0.0028	1		K.TTLLNDTSSR.Y
643	554.2861	1106.5576	1106.5568	0.80	0	(56)	0.018	1		K.TTLLNDTSSR.Y
644		1106.5578	1106.5568	0.98	0	(42)	0.6	1		K.TTLLNDTSSR.Y
645 646		1106.5578	1106.5568	0.98	0	(60) (74)	0.0085	1		K.TTLLNDTSSR.Y K.TTLLNDTSSR.Y
647	554.2864	1106.5580	1106.5568	1.16	0	(71)	0.00038	1		K.TTLLNDTSSR.Y
648		1106.5594	1106.5568	2.43	0	(58)	0.00072	1		K.TTLLNDTSSR.Y
710	568.7873	1135.5600	1135.5621	-1.85	0	(64)	0.0021	1		R.YNSAVEALNR.F
712	568.7881	1135.5616	1135.5621	-0.44	0	(44)	0.25	1		R.YNSAVEALNR.F
713	568.7882	1135.5618	1135.5621	-0.27	0	(53)	0.035	1		R.YNSAVEALNR.F
714	568.7885	1135.5624	1135.5621	0.26	0	79	0.00011	1		R.YNSAVEALNR.F
715	568.7886	1135.5626	1135.5621	0.44	0	(76)	0.00017	1		R.YNSAVEALNR.F
716	568.7888	1135.5630	1135.5621	0.79	0	(70)	0.00064	1		R.YNSAVEALNR.F
717 718	568.7888 568.7888	1135.5630 1135.5630	1135.5621 1135.5621	0.79	0	(51)	0.05	1		R.YNSAVEALNR.F R.YNSAVEALNR.F
718	568.7888	1135.5630	1135.5621	0.79	U	(58)	0.01	1		R.INSAVEALNR.F

719		1135.5632	1135.5621	0.97	0	(45)	0.2	1	R.YNSAVEALNR.F
720	568.7889	1135.5632	1135.5621	0.97	0	(46)	0.19	1	R.YNSAVEALNR.F
721	568.7890	1135.5634	1135.5621	1.14	0	(47)	0.13	1	R.YNSAVEALNR.F
722	568.7891	1135.5636	1135.5621	1.32	0	(51)	0.047	1	R.YNSAVEALNR.F
723	568.7891	1135.5636	1135.5621	1.32	0	(59)	0.0084	1	R.YNSAVEALNR.F
724	568.7897	1135.5648	1135.5621	2.38	0	(57)	0.014	1	R.YNSAVEALNR.F
760	575.8026	1149.5906	1149.5918	-0.96	0	(61)	0.0049	1	R.LDEDVIGVYK.D
761	575.8034	1149.5922	1149.5918	0.43	0	(61)	0.0058	1	R.LDEDVIGVYK.D
762	575.8038	1149.5930	1149.5918	1.13	0	(39)	1	1	R.LDEDVIGVYK.D
763	575.8042	1149.5938	1149.5918	1.82	0	62	0.0035	1	R.LDEDVIGVYK.D
779	580.3071	1158.5996	1158.5993	0.30	1	(34)	3.5	1	K.DVLQTQDGKR.K
783	580.3074	1158.6002	1158.5993	0.81	1	(27)	15	2	K.DVLQTQDGKR.K
784	580.3074	1158.6002	1158.5993	0.81	1	(25)	24	2	K.DVLQTQDGKR.K
786	580.3074	1158.6002	1158.5993	0.81	1	(47)	0.16	1	K.DVLQTQDGKR.K
787	580.3075	1158.6004	1158.5993	0.99	1	54	0.034	1	K.DVLQTQDGKR.K
788	387.2082	1158.6028	1158.5993	2.99	1	(36)	2.6	1	K.DVLQTQDGKR.K
963	409.5509	1225.6309	1225.6316		1	(24)	23	1	R.RQPGAQWDLR.E
964	409.5510	1225.6312			1	(32)	3.3	1	R.RQPGAQWDLR.E
965	409.5510	1225.6312			1	(40)	0.52	1	R.RQPGAQWDLR.E
966	409.5510	1225.6312	1225.6316	-0.34	1	(27)	12	1	R.ROPGAOWDLR.E
971	613.8230	1225.6314	1225.6316		1	(25)	17	7	R.RQPGAQWDLR.E
972		1225.6315	1225.6316		1	(40)	0.61	1	R.RQPGAQWDLR.E
973		1225.6315	1225.6316		1	(38)	0.99	1	R.RQPGAQWDLR.E
974		1225.6315	1225.6316		1	53	0.028	1	R.RQPGAQWDLR.E
975		1225.6315	1225.6316		1	(41)	0.4	1	R.RQPGAQWDLR.E
976		1225.6315			1	(42)	0.39	1	R.RQPGAQWDLR.E
977		1225.6315			1	(39)	0.63	1	R.RQPGAQWDLR.E
978		1225.6315		-0.10	1	(40)	0.58	1	R.RQPGAQWDLR.E
979		1225.6316	1225.6316	0.05	1	(41)	0.45	1	R.RQPGAQWDLR.E
981		1225.6318	1225.6316	0.15	1	(39)	0.72	1	R.RQPGAQWDLR.E
982	409.5512	1225.6318	1225.6316	0.15	1	(36)	1.5	1	R.RQPGAQWDLR.E
983	409.5512	1225.6318	1225.6316	0.15	1	(40)	0.58	1	R.RQPGAQWDLR.E
984	409.5512	1225.6318	1225.6316	0.15	1	(36)	1.3	1	R.RQPGAQWDLR.E
988	613.8232	1225.6318	1225.6316	0.21	1	(22)	35	1	R.ROPGAOWDLR.E
990			1225.6316	0.37	1	(32)	4	2	R.RQPGAQWDLR.E
991			1225.6316	0.39	1	(47)	0.11	1	R.RQPGAQWDLR.E
992	409.5513	1225.6321	1225.6316	0.39	1	(38)	0.98	1	R.RQPGAQWDLR.E
993	409.5513	1225.6321	1225.6316	0.39	1	(26)	12	1	R.RQPGAQWDLR.E
994	409.5513	1225.6321	1225.6316	0.39	1	(27)	11	1	R.RQPGAQWDLR.E
995	409.5513	1225.6321	1225.6316	0.39	1	(36)	1.3	1	R.RQPGAQWDLR.E
996	409.5513	1225.6321	1225.6316	0.39	1	(31)	4.8	1	R.RQPGAQWDLR.E
997	409.5513	1225.6321	1225.6316	0.39	1	(34)	2.2	1	R.RQPGAQWDLR.E
998	409.5513	1225.6321	1225.6316	0.39	1	(41)	0.45	1	R.RQPGAQWDLR.E
999	409.5513	1225.6321	1225.6316	0.39	1	(35)	1.7	1	R.RQPGAQWDLR.E
1000	409.5513	1225.6321	1225.6316	0.39	1	(43)	0.27	1	R.RQPGAQWDLR.E
1001	409.5513	1225.6321	1225.6316	0.39	1	(44)	0.23	1	R.RQPGAQWDLR.E
1002	409.5513	1225.6321	1225.6316	0.39	1	(31)	4.2	1	R.RQPGAQWDLR.E
1006	613.8234	1225.6322	1225.6316		1	(21)	44	6	R.RQPGAQWDLR.E
1007	409.5514	1225.6324	1225.6316	0.64	1	(34)	2.5	1	R.RQPGAQWDLR.E
1008	409.5514	1225.6324	1225.6316	0.64	1	(35)	1.7	1	R.RQPGAQWDLR.E
1009	409.5514	1225.6324	1225.6316	0.64	1	(45)	0.19	1	R.RQPGAQWDLR.E
1010	409.5514	1225.6324	1225.6316	0.64	1	(38)	0.86	1	R.RQPGAQWDLR.E
1018	409.5515	1225.6327	1225.6316	0.88	1	(47)	0.11	1	R.RQPGAQWDLR.E
1019	409.5515	1225.6327	1225.6316	0.88	1	(45)	0.14	1	R.RQPGAQWDLR.E
1020	409.5515	1225.6327	1225.6316	0.88	1	(39)	0.59	1	R.RQPGAQWDLR.E
1022	613.8240	1225.6334	1225.6316	1.51	1	(31)	4.3	1	R.RQPGAQWDLR.E
1024	409.5519	1225.6339	1225.6316	1.86	1	(39)	0.7	1	R.RQPGAQWDLR.E
1025	613.8243	1225.6340	1225.6316	2.00	1	(32)	4	1	R.RQPGAQWDLR.E
1169	634.8540	1267.6934	1267.6925	0.78	1	42	0.27	1	R.FIQKYDSVLR.D
1238	646.3661	1290.7176			1	(51)	0.033	1	K.LSIKDFLSGSPK.Q
1239	431.2465	1290.7177	1290.7183	-0.52	1	(23)	18	1	K.LSIKDFLSGSPK.Q
1240	646.3662	1290.7178	1290.7183	-0.38	1	(44)	0.14	1	K.LSIKDFLSGSPK.Q
1241	646.3663	1290.7180	1290.7183	-0.22	1	(50)	0.048	1	K.LSIKDFLSGSPK.Q
1242	431.2467	1290.7183	1290.7183	-0.05	1	(28)	7.3	1	K.LSIKDFLSGSPK.Q
1243	646.3665	1290.7184	1290.7183	0.09	1	(67)		1	K.LSIKDFLSGSPK.Q
1244	646.3665	1290.7184	1290.7183	0.09	1	(22)	29	1	K.LSIKDFLSGSPK.Q
1245	646.3665	1290.7184	1290.7183	0.09	1	(64)	0.0017	1	K.LSIKDFLSGSPK.Q
1248	431.2468	1290.7186	1290.7183	0.18	1	(28)	7.1	1	K.LSIKDFLSGSPK.Q
1249	431.2468	1290.7186	1290.7183	0.18	1	(28)	6.5	1	K.LSIKDFLSGSPK.Q
1251	646.3666	1290.7186	1290.7183	0.24	1	(43)	0.21	1	K.LSIKDFLSGSPK.Q
1252	646.3666	1290.7186	1290.7183	0.24	1	(65)	0.0015	1	K.LSIKDFLSGSPK.Q
1253	646.3666	1290.7186	1290.7183	0.24	1	(46)	0.0013	1	K.LSIKDFLSGSPK.Q
1254	646.3666	1290.7186	1290.7183	0.24	1	(65)	0.0013	1	K.LSIKDFLSGSPK.Q
1255	646.3667		1290.7183	0.40	1	(65)	0.0013	1	K.LSIKDFLSGSPK.Q
1256		1290.7189	1290.7183			(21)		1	K.LSIKDFLSGSPK.Q
1258		1290.7190	1290.7183	0.55	1	(43)	0.23	1	K.LSIKDFLSGSPK.Q
			1290.7183	0.55	1	(71)	0.00038	1	K.LSIKDFLSGSPK.Q
1259	646.3668	1290.7190			1	(25)		1	
	646.3668 431.2470	1290.7190 1290.7192		0.65					K.LSIKDFLSGSPK.Q
1259	646.3668 431.2470	1290.7192	1290.7183	0.65	1			1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260	646.3668 431.2470 646.3669	1290.7192	1290.7183 1290.7183 1290.7183	0.65 0.71 0.86		(68)	0.00069 0.00062		
1259 1260 1261	646.3668 431.2470 646.3669 646.3670	1290.7192 1290.7192	1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88	1	(68) (68) (37)	0.00069 0.00062 0.85	1	K.LSIKDFLSGSPK.Q
1259 1260 1261 1262	646.3668 431.2470 646.3669 646.3670 431.2471	1290.7192 1290.7192 1290.7194	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86	1	(68) (68) (37) (55)	0.00069 0.00062 0.85 0.013	1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260 1261 1262 1263	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01	1 1 1 1	(68) (68) (37) (55) (60)	0.00069 0.00062 0.85 0.013 0.0038	1 1 1 1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260 1261 1262 1263 1264	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671 646.3671	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7196	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01	1 1 1 1 1	(68) (68) (37) (55) (60) (45)	0.00069 0.00062 0.85 0.013 0.0038 0.14	1 1 1 1 1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPR.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260 1261 1262 1263 1264 1265 1266 1267	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671 431.2472	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7196 1290.7198	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01 1.01	1 1 1 1 1 1	(68) (68) (37) (55) (60) (45) (30)	0.00069 0.00062 0.85 0.013 0.0038 0.14 4.1	1 1 1 1 1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260 1261 1262 1263 1264 1265 1266 1267 1268	646.3668 431.2470 646.3669 646.3671 646.3671 646.3671 646.3671 431.2472 646.3672	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7196 1290.7198 1290.7198	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01 1.01 1.11	1 1 1 1 1 1 1	(68) (68) (37) (55) (60) (45) (30) (42)	0.00069 0.00062 0.85 0.013 0.0038 0.14 4.1 0.25	1 1 1 1 1 1 1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671 431.2472 646.3672 646.3672	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7198 1290.7198 1290.7198	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01 1.01 1.11 1.17	1 1 1 1 1 1 1 1	(68) (68) (37) (55) (60) (45) (30) (42) (58)	0.00069 0.00062 0.85 0.013 0.0038 0.14 4.1 0.25	1 1 1 1 1 1 1 1	K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q K.LSIKDFLSGSPK.Q
1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671 431.2472 646.3672 646.3672	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7196 1290.7198 1290.7198 1290.7198 1290.7198	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01 1.11 1.17 1.17	1 1 1 1 1 1 1 1	(68) (68) (37) (55) (60) (45) (30) (42) (58) 75	0.00069 0.00062 0.85 0.013 0.0038 0.14 4.1 0.25 0.0074	1 1 1 1 1 1 1 1	K LSIKDPLSGSPK Q
1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671 431.2472 646.3672 646.3672 646.3672 646.3674	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7198 1290.7198 1290.7198 1290.7198	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01 1.11 1.17 1.17 1.17	1 1 1 1 1 1 1 1 1	(68) (68) (37) (55) (60) (45) (30) (42) (58) 75 (47)	0.00069 0.00062 0.85 0.013 0.0038 0.14 4.1 0.25 0.0074 0.00014	1 1 1 1 1 1 1 1 1	K.LSIKDPLSGSPK.Q
1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270	646.3668 431.2470 646.3669 646.3670 431.2471 646.3671 646.3671 431.2472 646.3672 646.3672 646.3672 646.3674	1290.7192 1290.7192 1290.7194 1290.7195 1290.7196 1290.7196 1290.7196 1290.7198 1290.7198 1290.7198 1290.7198	1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183 1290.7183	0.71 0.86 0.88 1.01 1.01 1.11 1.17 1.17 1.17	1 1 1 1 1 1 1 1 1	(68) (68) (37) (55) (60) (45) (30) (42) (58) 75 (47)	0.00069 0.00062 0.85 0.013 0.0038 0.14 4.1 0.25 0.0074 0.00014	1 1 1 1 1 1 1 1	K LSIKDPLSGSPK Q

1288	650.3528	1298.6910	1298.6942	-2.45	1	(25)	21	5	R.SRPLNDKVNEK.T
1289	433.9044	1298.6914	1298.6942	-2.20	1	(21)	48	1	R.SRPLNDKVNEK.T
1291	650.3532	1298.6918	1298.6942	-1.83	1	(47)	0.12	1	R.SRPLNDKVNEK.T
1293	433.9047	1298.6923	1298.6942	-1.51	1	(33)	2.5	1	R.SRPLNDKVNEK.T
1295	433.9048	1298.6926	1298.6942	-1.28	1	(33)	2.3	1	R.SRPLNDKVNEK.T
1296	433.9049	1298.6929	1298.6942	-1.04	1	(33)	2.4	1	R.SRPLNDKVNEK.T
1297	433.9049	1298.6929	1298.6942	-1.04	1	(26)	13	1	R. SRPLNDKVNEK.T
1298	433.9050	1298.6932	1298.6942	-0.81	1	(26)	16	1	R.SRPLNDKVNEK.T
1299	433.9051	1298.6935	1298.6942	-0.58	1	(27)	12	1	R.SRPLNDKVNEK.T
1300	433.9051	1298.6935	1298.6942	-0.58	1	(39)	0.72	1	R.SRPLNDKVNEK.T
1302	433.9051	1298.6935	1298.6942	-0.58	1	(37)	1.4	1	R.SRPLNDKVNEK.T
1303	433.9051	1298.6935	1298.6942	-0.58	1	(28)	11	1	R.SRPLNDKVNEK.T
1304	433.9051	1298.6935	1298.6942	-0.58	1	(43)	0.33	1	R.SRPLNDKVNEK.T
							12		
1305	433.9052	1298.6938	1298.6942	-0.35	1	(27)		1	R.SRPLNDKVNEK.T
1306	433.9052	1298.6938	1298.6942	-0.35	1	(29)	8.5	1	R.SRPLNDKVNEK.T
1307	433.9052	1298.6938	1298.6942	-0.35	1	(35)	2.1	1	R.SRPLNDKVNEK.T
1308	433.9052	1298.6938	1298.6942	-0.35	1	(31)	4.7	1	R.SRPLNDKVNEK.T
1309	433.9052	1298.6938	1298.6942	-0.35	1	(23)	31	2	R.SRPLNDKVNEK.T
1310	433.9052	1298.6938	1298.6942	-0.35	1	(29)	7.6	1	R.SRPLNDKVNEK.T
1313	433.9053	1298.6941	1298.6942	-0.12	1	(24)	22	1	R.SRPLNDKVNEK.T
1314	433.9053	1298.6941	1298.6942	-0.12	1	(34)	2.4	1	R.SRPLNDKVNEK.T
1315	433.9053	1298.6941	1298.6942	-0.12	1	(25)	20	1	R.SRPLNDKVNEK.T
1316	433.9053	1298.6941	1298.6942	-0.12	1	(31)	4.6	1	R.SRPLNDKVNEK.T
1317	433.9054	1298.6944	1298.6942	0.11	1	(20)	61	1	R.SRPLNDKVNEK.T
1318	433.9054	1298.6944	1298.6942	0.11	1	(26)	16	2	R.SRPLNDKVNEK.T
1319	433.9054	1298.6944	1298.6942	0.11	1	(30)	5.9	1	R.SRPLNDKVNEK.T
1320		1298.6944	1298.6942	0.11	1	(36)	1.5	1	R.SRPLNDKVNEK.T
		1298.6944	1298.6942	0.11	1	(32)	4.2	1	R.SRPLNDKVNEK.T
1321									
1322		1298.6944	1298.6942	0.11	1	(27)	11	1	R. SRPLNDKVNEK. T
1323		1298.6944	1298.6942	0.11	1	(28)	10	1	R.SRPLNDKVNEK.T
1324		1298.6944	1298.6942	0.11	1	(31)	5	1	R.SRPLNDKVNEK.T
1325	433.9054	1298.6944	1298.6942	0.11	1	(26)	15	2	R.SRPLNDKVNEK.T
1326	650.3546	1298.6946	1298.6942	0.32	1	(57)	0.011	1	R.SRPLNDKVNEK.T
1327		1298.6947	1298.6942	0.34	1	(22)	40	2	R.SRPLNDKVNEK.T
1328	433.9055	1298.6947	1298.6942	0.34	1	(31)	5.6	1	R.SRPLNDKVNEK.T
1329		1298.6947	1298.6942	0.34	1	(26)	16	1	R. SRPLNDKVNEK.T
			1298.6942				5		R. SRPLNDKVNEK.T
1330	433.9055	1298.6947		0.34	1	(31)		1	
1331	433.9055	1298.6947	1298.6942	0.34	1	(34)	2.7	1	R.SRPLNDKVNEK.T
1332		1298.6947	1298.6942	0.34	1	(28)	11	1	R.SRPLNDKVNEK.T
1333	433.9055	1298.6947	1298.6942	0.34	1	(23)	34	2	R.SRPLNDKVNEK.T
1334	433.9055	1298.6947	1298.6942	0.34	1	(29)	7.7	1	R.SRPLNDKVNEK.T
1335	650.3547	1298.6948	1298.6942	0.48	1	(57)	0.012	1	R.SRPLNDKVNEK.T
1336	433.9056	1298.6950	1298.6942	0.57	1	(34)	2.5	1	R.SRPLNDKVNEK.T
1337	433.9056	1298.6950	1298.6942	0.57	1	(32)	3.5	1	R. SRPLNDKVNEK.T
			1298.6942						
1338		1298.6950		0.57	1	(40)	0.59	1	R.SRPLNDKVNEK.T
1339		1298.6950	1298.6942	0.57	1	(37)	1.1	1	R.SRPLNDKVNEK.T
1340	433.9056	1298.6950	1298.6942	0.57	1	(29)	8.2	1	R.SRPLNDKVNEK.T
1342	650.3549	1298.6952	1298.6942	0.78	1	(44)	0.28	1	R.SRPLNDKVNEK.T
1343	650.3550	1298.6954	1298.6942	0.94	1	(24)	28	1	R.SRPLNDKVNEK.T
1344	433.9058	1298.6956	1298.6942	1.03	1	(40)	0.59	1	R.SRPLNDKVNEK.T
1345		1298.6956	1298.6942	1.03	1	(24)	25	1	R.SRPLNDKVNEK.T
1346	650.3551	1298.6956	1298.6942	1.09	1	59	0.0077	1	R.SRPLNDKVNEK.T
1347		1298.6960	1298.6942	1.40	1	(36)	1.6	1	R.SRPLNDKVNEK.T
1348		1298.6960	1298.6942	1.40	1	(51)	0.046	1	R. SRPLNDKVNEK.T
1349		1298.6962	1298.6942	1.55	1	(43)	0.31	1	R.SRPLNDKVNEK.T
1350	650.3554	1298.6962	1298.6942	1.55	1	(58)	0.0093	1	R.SRPLNDKVNEK.T
1351	650.3555	1298.6964	1298.6942	1.71	1	(44)	0.27	1	R.SRPLNDKVNEK.T
1579	682.8749	1363.7352	1363.7347	0.39	1	(39)	0.57	1	K.YDSVLRDILSAI
1580	682.8752	1363.7358	1363.7347	0.83	1	(37)	1	1	K.YDSVLRDILSAI
1581	682.8752	1363.7358	1363.7347	0.83	1	51	0.039	1	K.YDSVLRDILSAI
1582	682.8755	1363.7364	1363.7347	1.27	1	(47)	0.091	1	K.YDSVLRDILSAI
1796	763.3928	1524.7710	1524.7725	-0.96	0	(46)	0.13	1	R.EFLVSAYFSLHGR.L
1797	763.3929	1524.7712	1524.7725	-0.83	0	(64)	0.002	1	R.EFLVSAYFSLHGR.L
1798	763.3932	1524.7718	1524.7725	-0.43	0		5.3e-006	1	R.EFLVSAYFSLHGR.L
1799	763.3934	1524.7722	1524.7725	-0.17	0	(74)	0.00019	1	R.EFLVSAYFSLHGR.L
1800	763.3934	1524.7722	1524.7725	-0.17	0	(67)	0.0011	1	R.EFLVSAYFSLHGR.L
1802	763.3936	1524.7726	1524.7725	0.09	0	(80)	5.8e-005	1	R.EFLVSAYFSLHGR.L
1803	509.2650	1524.7732	1524.7725	0.44	0	(54)	0.024	1	R.EFLVSAYFSLHGR.L
1804	509.2650	1524.7732	1524.7725	0.44	0	(34)	2.4	1	R.EFLVSAYFSLHGR.L
1806	509.2651	1524.7735		0.63	0	(40)	0.56	1	R.EFLVSAYFSLHGR.L
1805	509.2651		1524.7725 1524.7725				12	1	R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L
		1524.7735		0.63	0	(27)			
1808			1524.7725	0.63	0	(47)	0.13	1	R.EFLVSAYFSLHGR.L
1809	509.2651	1524.7735	1524.7725	0.63	0	(39)	0.82	1	R.EFLVSAYFSLHGR.L
1810		1524.7735		0.63	0	(39)	0.71	1	R.EFLVSAYFSLHGR.L
1811		1524.7735		0.63	0	(33)	3.1	1	R.EFLVSAYFSLHGR.L
1812		1524.7735		0.63	0	(49)		1	R.EFLVSAYFSLHGR.L
1813		1524.7735			0	(44)			R.EFLVSAYFSLHGR.L
1814		1524.7735			0	(48)			R.EFLVSAYFSLHGR.L
					0				R.EFLVSAYFSLHGR.L R.EFLVSAYFSLHGR.L
1815		1524.7735				(50)			
1817		1524.7738			0	(40)			R.EFLVSAYFSLHGR.L
1818		1524.7738			0	(39)			R.EFLVSAYFSLHGR.L
1819	509.2652	1524.7738	1524.7725	0.83	0	(43)	0.33	1	R.EFLVSAYFSLHGR.L
1820		1524.7738			0	(29)			R.EFLVSAYFSLHGR.L
1821		1524.7738			0	(43)			R.EFLVSAYFSLHGR.L
1822		1524.7738			0	(28)		1	R.EFLVSAYFSLHGR.L
		1524.7738			0	(27)	13		R.EFLVSAYFSLHGR.L
1823					0				
1824		1524.7738				(60)			R.EFLVSAYFSLHGR.L
1825		1524.7740			0	(68)			R.EFLVSAYFSLHGR.L
1826		1524.7740			0	(64)			R.EFLVSAYFSLHGR.L
1827	509.2653	1524.7741	1524.7725	1.03	0	(41)	0.54	1	R.EFLVSAYFSLHGR.L

1829	763.3945	1524.7744	1524.7725	1.27	0	(60)	0.0068	1		R.EFLVSAYFSLHGR.L
1830	763.3945	1524.7744	1524.7725	1.27	0	(56)	0.017	1		R.EFLVSAYFSLHGR.L
1831	763.3946	1524.7746	1524.7725	1.40	0	(69)	0.0006	1		R.EFLVSAYFSLHGR.L
		1524.7746		1.40		(72)				
1832	763.3946		1524.7725		0		0.00035	1		R.EFLVSAYFSLHGR.L
1833	763.3947	1524.7748	1524.7725	1.54	0	(67)	0.00091	1		R.EFLVSAYFSLHGR.L
1834	763.3947	1524.7748	1524.7725	1.54	0	(66)	0.0013	1		R.EFLVSAYFSLHGR.L
1835	763.3948	1524.7750	1524.7725	1.67	0	(73)	0.00024	1		R.EFLVSAYFSLHGR.L
		1524.7750								R.EFLVSAYFSLHGR.L
1836	763.3948		1524.7725	1.67	0	(49)	0.066	1		
1840	764.4536	1526.8926	1526.8919	0.49	- 1	45	0.036	1		K.ALLDELKALTAELK.V
1918	526.6100	1576.8082	1576.8056	1.60	1	35	2.6	1		K.VNEKTTLLNDTSSR.Y
1965	803.8762	1605.7378	1605.7383	-0.30	0	(63)	0.0017	1		K.DNNPVGNFATTVSDR.S
1966	803.8762	1605.7378	1605.7383	-0.30	0	(61)	0.003	1		K.DNNPVGNFATTVSDR.S
1967	803.8766	1605.7386	1605.7383	0.20	0	96	8.le-007	1		K.DNNPVGNFATTVSDR.S
1968	803.8773	1605.7400	1605.7383	1.07	0	(74)	0.00017	1		K.DNNPVGNFATTVSDR.S
2057	846.4699	1690.9252	1690.9254	-0.06	0	(92)	1.8e-006	1		K.VYSVIQSQINAALSAK.Q
2059	846.4701	1690.9256	1690.9254	0.17	0		5.2e-005	1		K.VYSVIQSQINAALSAK.Q
2060	564.6492	1690.9258	1690.9254	0.25	0	(35)	0.89	1		K.VYSVIQSQINAALSAK.Q
2061	564.6492	1690.9258	1690.9254	0.25	0	(55)	0.0073	1		K.VYSVIQSQINAALSAK.Q
2062	564.6493	1690.9261	1690.9254	0.42	0	(46)	0.073	1		K.VYSVIQSQINAALSAK.Q
	564.6493	1690.9261	1690.9254	0.42	0	(46)	0.082	1		K.VYSVIQSQINAALSAK.Q
2063										
2064	846.4704	1690.9262	1690.9254	0.53	0		2.8e-009	1		K.VYSVIQSQINAALSAK.Q
2065	564.6494	1690.9264	1690.9254	0.60	0	(66)	0.00076	1		K.VYSVIQSQINAALSAK.Q
2066	846.4705	1690.9264	1690.9254	0.65	0		9.1e-005	1		K.VYSVIQSQINAALSAK.Q
	846.4705	1690.9264	1690.9254	0.65	0	(119)	4e-009	1		
2067										K.VYSVIQSQINAALSAK.Q
2068	846.4705	1690.9264	1690.9254	0.65	0	(108)	4.2e-008	1		K.VYSVIQSQINAALSAK.Q
2069	846.4706	1690.9266	1690.9254	0.77	0	(112)	1.7e-008	1		K.VYSVIQSQINAALSAK.Q
2070	564.6495	1690.9267	1690.9254	0.78	0	(53)	0.014	1		K.VYSVIQSQINAALSAK.Q
2071	564.6495	1690.9267	1690.9254	0.78	0	(50)	0.029	1		K.VYSVIQSQINAALSAK.Q
2072	564.6495	1690.9267	1690.9254	0.78	0	(48)	0.047	1		K.VYSVIQSQINAALSAK.Q
2073	564.6495	1690.9267	1690.9254	0.78	0	(62)	0.0019	1		K.VYSVIQSQINAALSAK.Q
2074	564.6495	1690.9267	1690.9254	0.78	0	(51)	0.025	1		K.VYSVIQSQINAALSAK.Q
		1690.9267	1690.9254	0.78	0	(52)	0.018	1		K.VYSVIQSQINAALSAK.Q
2075	564.6495									
2076	846.4707	1690.9268	1690.9254	0.88	0	(95)	8.6e-007	1		K.VYSVIQSQINAALSAK.Q
2077	846.4707	1690.9268	1690.9254	0.88	0	(102)	1.9e-007	1		K.VYSVIQSQINAALSAK.Q
2078	846.4707	1690.9268	1690.9254	0.88	0	(99)	3.2e-007	1		K.VYSVIQSQINAALSAK.Q
		1690.9270	1690.9254	0.96	0	(51)		1		K.VYSVIQSQINAALSAK.Q
2079	564.6496						0.023			
2080	564.6496	1690.9270	1690.9254	0.96	0		7.6e-005	1		K.VYSVIQSQINAALSAK.Q
2081	564.6496	1690.9270	1690.9254	0.96	0	(66)	0.00081	1		K.VYSVIQSQINAALSAK.Q
2082	564.6496	1690.9270	1690.9254	0.96	0	(67)	0.0006	1		K.VYSVIQSQINAALSAK.Q
2083	564.6496	1690.9270	1690.9254	0.96	0	(51)	0.024	1		K.VYSVIQSQINAALSAK.Q
2084	846.4708	1690.9270	1690.9254	1.00	0	(106)	8e-008	1		K.VYSVIQSQINAALSAK.Q
2085	846.4709	1690.9272	1690.9254	1.12	0	(95)	8.1e-007	1		K.VYSVIQSQINAALSAK.Q
2086	846.4709	1690.9272	1690.9254	1.12	0	(92)	1.8e-006	1		K.VYSVIQSQINAALSAK.Q
2087	564.6497	1690.9273	1690.9254	1.13	0	(52)	0.019	1		K.VYSVIQSQINAALSAK.Q
2088	846.4710	1690.9274	1690.9254	1.24	0	(106)	8e-008	1		K.VYSVIQSQINAALSAK.Q
2089	846.4710	1690.9274	1690.9254	1.24	0	(102)	1.8e-007	1		K.VYSVIQSQINAALSAK.Q
2090	564.6498	1690.9276	1690.9254	1.31	0	(59)	0.004	1		K.VYSVIQSQINAALSAK.Q
2091	564.6498	1690.9276	1690.9254	1.31	0	(65)	0.00093	1		K.VYSVIQSQINAALSAK.Q
2092	564.6498	1690.9276	1690.9254	1.31	0	(58)	0.0047	1		K.VYSVIQSQINAALSAK.Q
2093	846.4711	1690.9276	1690.9254	1.36	0	(96)	6.9e-007	1		K.VYSVIQSQINAALSAK.Q
2094	846.4711	1690.9276	1690.9254	1.36	0	(92)	2.1e-006	1		K.VYSVIQSQINAALSAK.Q
2095	846.4711	1690.9276	1690.9254	1.36	0	(98)	5.1e-007	1		K.VYSVIQSQINAALSAK.Q
2096	846.4711	1690.9276	1690.9254	1.36	0		1.1e-007	1		K.VYSVIQSQINAALSAK.Q
2097	846.4712	1690.9278	1690.9254	1.47	0	(101)	2.4e-007	1		K.VYSVIQSQINAALSAK.Q
2098	846.4712	1690.9278	1690.9254	1.47	0	(106)	7.2e-008	1		K.VYSVIQSQINAALSAK.Q
2099	846.4713	1690.9280	1690.9254	1.59	0		1.1e-007	1		K.VYSVIQSQINAALSAK.Q
2100	846.4713	1690.9280	1690.9254	1.59	0		4.6e-008	1		K.VYSVIQSQINAALSAK.Q
2101	846.4713	1690.9280	1690.9254	1.59	0	(110)	2.7e-008	1		K.VYSVIQSQINAALSAK.Q
2102	846.4714	1690.9282	1690.9254	1.71	0	(102)	1.9e-007	1		K.VYSVIQSQINAALSAK.Q
2103	564.6502	1690.9288	1690.9254	2.02	0	(53)	0.014	1		K.VYSVIQSQINAALSAK.Q
			1690.9254		0					
2105	564.6508	1690.9306		3.09		(30)	3.5	1		K.VYSVIQSQINAALSAK.Q
2367	899.9454	1797.8762	1797.8785	-1.24	0	74	0.00025	1		K.GSPEYALLSNLDTFSGK.L
2693	1059.5810	2117.1474	2117.1480	-0.28	0	98	4.3e-007	1	U	R.SEQIVLAHAGQPLSEAQVLK.A
☑ 2694	706.7238	2117.1496	2117.1480	0.72	0	(52)	0.016	1	υ	R.SEQIVLAHAGQPLSEAQVLK.A
2711	712.3669	2134.0789	2134.0794	-0.24	1	(52)	0.04	1		R.LDEDVIGVYKDVLQTQDGK.R
		2134.0789								
2712	712.3671		2134.0794	0.04	1	(23)	27	1		R.LDEDVIGVYKDVLQTQDGK.R
2713	712.3672	2134.0798	2134.0794	0.18	1	(56)	0.014	1		R.LDEDVIGVYKDVLQTQDGK.R
2714	712.3674	2134.0804	2134.0794	0.46	1	(33)	3.2	1		R.LDEDVIGVYKDVLQTQDGK.R
2715		2134.0810	2134.0794	0.74	1		3.4	1		
	712.3676					(33)				R.LDEDVIGVYKDVLQTQDGK.R
2716	712.3676	2134.0810	2134.0794	0.74	1	(34)	2.4	1		R.LDEDVIGVYKDVLQTQDGK.R
2717	712.3676	2134.0810	2134.0794	0.74	1	(58)	0.009	1		R.LDEDVIGVYKDVLQTQDGK.R
2718	1068.0480	2134.0814	2134.0794	0.96	1	(46)	0.14	1		R.LDEDVIGVYKDVLQTQDGK.R
2719	1068.0480	2134.0814		0.96	1		1.7e-006	1		R.LDEDVIGVYKDVLOTODGK.R
	1068.0480			0.96	1			1		
2720		2134.0814	2134.0794				4.6e-006			R.LDEDVIGVYKDVLQTQDGK.R
2721			2134.0794			(37)				R.LDEDVIGVYKDVLQTQDGK.R
2722	712.3679	2134.0819	2134.0794	1.16	1	(52)	0.038	1		R.LDEDVIGVYKDVLQTQDGK.R
2723	712.3680	2134 0822	2134.0794	1.30		(29)		3		R.LDEDVIGVYKDVLQTQDGK.R
			2134.0794					,		
2724										R.LDEDVIGVYKDVLQTQDGK.R
2725	712.3680	2134.0822	2134.0794	1.30	1	(40)	0.64			R.LDEDVIGVYKDVLQTQDGK.R
2726	712.3681	2134.0825	2134.0794	1.44	1	(60)	0.005	1		R.LDEDVIGVYKDVLQTQDGK.R
2727			2134.0794			(53)				R.LDEDVIGVYKDVLQTQDGK.R
			2134.0794							R.LDEDVIGVYKDVLQTQDGK.R
2728	712.3085	2134.0837	2134.0794	2.01	1					
2729			2134.0794			(20)	56			R.LDEDVIGVYKDVLQTQDGK.R
2730	712.3690	2134.0852	2134.0794	2.71	1	(27)	13	1		R.LDEDVIGVYKDVLQTQDGK.R
2731	712.3698	2134.0876	2134.0794	3.83	1	(35)				R.LDEDVIGVYKDVLQTQDGK.R
2740	716 0714	2145 1924	2145.1906	0.04	- 7	37	0.29			K.VYSVIQSQINAALSAKQGIR.I
						43	0.29			
							0.3			
2924	742.3766									K.TTLLNDTSSRYNSAVEALNR.F
2969	1122.6290	2243.2434	2243.2426	0.38	0	(48)	0.024	1		K.ALAWLLAANPSAPPGQGLEVLR.
2969	1122.6290	2243.2434		0.38	0	(48)	0.024	1		K.ALAWLLAANPSAPPGQGLEVLR.
	1122.6290 1122.6290	2243.2434 2243.2434	2243.2426	0.38	0		0.024 0.039	1		

2972 1122.6290 2243.2434 2243.2426 0.38 0 (67) 0.00034 1

(45) 0.048

(58) 0.0026

1122.6300 2243.2454 2243.2426

1122.6300 2243.2454 2243.2426

1122.6300 2243.2454 2243.2426

Proteins matching the same set of peptides: gi|740190021 Mass: 35946 Score: 105

hypothetical protein [Thermonema rossianum]

Matches: 2(1) Sequences: 2(1)

1122.6300 2243.2454 2243.2426 1.27 0

K.ALAWLLAANPSAPPGQGLEVLR.E

K.ALAWLLAANPSAPPGQGLEVLR.E K.ALAWLLAANPSAPPGQGLEVLR.E

K.ALAWLLAANPSAPPGOGLEVLR.E

K.ALAWLLAANPSAPPGOGLEVLR.E

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                                               (58) 0.0023
                                                                       K.ALAWLLAANPSAPPGQGLEVLR.E
       1122.6300 2243.2454 2243.2426 1.27
                                               (68) 0.00022
                                                                       K.ALAWLLAANPSAPPGOGLEVLR.E
        748.7558 2243.2456 2243.2426 1.33 0
                                              (31)
                                                       1.3
                                                                       K. ALAWIJIAANPSAPPGOGLEVIR . E
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                                               (49)
                                                      0.018
                                                                       K. ALAWIJIAANPSAPPGOGLEVIR. E
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                                               (51)
                                                     0.012
                                                                       K. ALAWIJIAANPSAPPGOGLEVIR . E
                                                                       K.ALAWLLAANPSAPPGOGLEVLR.E
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                                               (58) 0.0028
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                                               (28)
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                                    1.59
                                               (52)
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  2987
        748.7562 2243.2468 2243.2426
                                    1.86
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  2989
        748.7563 2243.2471 2243.2426
        748.7573 2243.2501 2243.2426
                                                                       K.ALAWLLAANPSAPPGQGLEVLR.E
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       1139.0730 2276.1314 2276.1325 -0.46
                                                                       R.IDAGGIDLVDPTLYGYAVGDPR.W
       1139.0730 2276.1314 2276.1325 -0.46
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
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                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
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                                               (56)
                                                      0.016 1
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
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                                               (52)
                                                     0.039
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                                               (29)
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
  3062
        759.7187 2276.1343 2276.1325 0.78
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                                               (38)
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
        759.7189 2276.1349 2276.1325 1.05
                                                                      R.IDAGGIDLVDPTLYGYAVGDPR.W
  3064
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                                                                       R.IDAGGIDLVDPTLYGYAVGDPR.W
                                               (29)
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       1139.0750 2276.1354 2276.1325 1.30
                                               (65) 0.0022
                                                                      R.IDAGGIDLVDPTLYGYAVGDPR.W
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                                                                      R.IDAGGIDLVDPTLYGYAVGDPR.W
                                               (86) 1.5e-005
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       1139.0750 2276.1354 2276.1325 1.30
                                               (74) 0.00028
       1139.0750 2276.1354 2276.1325 1.30
                                               (80) 6.4e-005
  3070
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        759.7192 2276.1358 2276.1325 1.44
        759.7194 2276.1364 2276.1325
                                                                       R.IDAGGIDLVDPTLYGYAVGDPR.W
                                                                       R.IDAGGIDLVDPTLYGYAVGDPR.W
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       1139.0760 2276.1374 2276.1325 2.18
                                               (60) 0.0071
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
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                                               (70) 0.00064
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
  3077
        759.7199 2276.1379 2276.1325 2.36
                                               (36)
                                                       1.6
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
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                                                      0.18 1
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
  3079
       1139.0770 2276.1394 2276.1325 3.06 0
                                               (67) 0.0013
                                                                       R. TDAGGTDLVDPTLYGYAVGDPR.W
  3344
        806.7914 2417.3524 2417.3529 -0.23 1
                                               47
                                                     0.022
                                                                       K. ALTARLKVYSVIOSOINAALSAK.O.
  3346
        806.7927 2417.3563 2417.3529 1.39 1 (44) 0.037
                                                                      K.ALTAELKVYSVIOSQINAALSAK.O
        911.1422 2730.4048 2730.3977 2.59 1
                                               60 0.0043
                                                                       K.QGIRIDAGGIDLVDPTLYGYAVGDPR.W
 gi 62952892 Mass: 53160 Score: 559 Matches: 13(4) Sequences: 12(4) emPAI: 0.30
  capsule protein fraction 1/virulence antigen fusion protein precursor [synthetic construct]
Check to include this hit in error tolerant search or archive report
       Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
                                                  24 1 U
7 1 U
       387.2290 772.4434 772.4443 -1.09 0 30
                                                                   R.TGALGNLK.N
       418.7126 835.4106 835.4109 -0.34 0 31
                                                                     K.SINLMDK.N + Oxidation (M)
       533.2698 1064.5250 1064.5251 -0.01 1 40
                                                   0.75 3
                                                                     K.DFLGSENKR.T
       533.2700 1064.5254 1064.5251 0.37 1 55 0.025 1 U
                                                                     R.KDSEVFANR.V
       579.8334 1157.6522 1157.6543 -1.81 0 35
                                                               U R.VITDDIELLK.K
  1699 470.2430 1407.7072 1407.7106 -2.46 0 49 0.086 1 U K.HLSSSGTINIHDK.S
       704.8631 1407.7116 1407.7106 0.72 0 (35) 1.8 1
                                                               U K.HLSSSGTINIHDK.S
  1750 725.3500 1448.6854 1448.6817 2.58 0 64 0.0019 1 U K.MPQTTIQVDGSEK.K + Oxidation (M)
U K.NLYGYTDEEIFK.A
       757.9247 1513.8348 1513.8351 -0.18 1 67 0.00076 1
                                                               U K.LREELAELTAELK.I
       620.9637 1859.8693 1859.8690 0.17 0 35 1.3 1
                                                               U R.AYEQNPQHFIEDLEK.V
  2579 981.9999 1961.9852 1961.9847 0.30 1 50 0.07 1 U R.VKEFLESSPNTQWELR.A

☑ 2774 722.4001 2164.1785 2164.1739 2.09 0 46 0.067 1

                                                               U R.VEOLTGHGSSVLEELVOLVK.D
 Proteins matching the same set of peptides:
 gi | 115394488 Mass: 37471 Score: 559 Matches: 13(4) Sequences: 12(4)
  V antigen [synthetic construct]
  gi 488141773 Mass: 37217 Score: 559 Matches: 13(4) Sequences: 12(4)
  virulence factor [Yersinia pestis]
  gi | 499485355 Mass: 37101 Score: 559 Matches: 13(4) Sequences: 12(4)
  virulence factor [Yersinia pestis]
 qi | 490890815 Mass: 44141 Score: 105 Matches: 2(1) Sequences: 2(1) emPAT: 0.08
 GTPase CgtA [Acinetobacter sp. ANC 3789]
Check to include this hit in error tolerant search or archive report
 Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
  76 373.2265 744.4384 744.4381 0.43 0 50 0.15 1 U K.AITAELK.K
270 437.2737 872.5328 872.5331 -0.27 1 55 0.016 1 U K.AITAELKK.F
```

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gi | 457874719 Mass: 42464 Score: 105 Matches: 3(1) Sequences: 3(1) emPAI: 0.09
  hypothetical protein PCYB_002770 [Plasmodium cynomolgi strain B]
Check to include this hit in error tolerant search or archive report
 Ouery Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide

☑ 59 365.7208 729.4270 729.4272 -0.25 0 32

                                                   10 1 U K.IIDELK.R
   289 443.7715 885.5284 885.5283 0.13 1 21 1.1e+002 2 U K.IIDELKR.H
   342 465.2869 928.5592 928.5593 -0.05 1 52 0.034 8 U K.AKIIDELK.R
 Proteins matching the same set of peptides:
 gi 457877872 Mass: 40177 Score: 105 Matches: 3(1) Sequences: 3(1)
  hypothetical protein PCYB_006250 [Plasmodium cynomolgi strain B]
 gi 489248865 Mass: 36677 Score: 93 Matches: 3(0) Sequences: 2(0)
  hypothetical protein [Pseudomonas aeruginosa]
Check to include this hit in error tolerant search or archive report
 Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
263 429.7504 857.4862 857.4858 0.51 0 45 0.35 1 U K.ALLDELGK.V
   425 493.7973 985.5800 985.5808 -0.73 1 (40) 0.63 6 U R.KALLDELGK.V
   426 493.7973 985.5800 985.5808 -0.73 1 48 0.11 2 U R.KALLDELGK.V
 Proteins matching the same set of peptides:
 gi 489379926 Mass: 36693 Score: 93 Matches: 3(0) Sequences: 2(0)
  hypothetical protein [Pseudomonas stutzeri]
 gi | 497299350 Mass: 36337 Score: 93 Matches: 3(0) Sequences: 2(0)
 protein Ssg [Pseudomonas sp. Ml]
  gi|501025578 Mass: 37964 Score: 93 Matches: 3(0) Sequences: 2(0)
 hypothetical protein [Pseudomonas aeruginosa]
 gi | 505292099 Mass: 36578 Score: 93 Matches: 3(0) Sequences: 2(0)
  hypothetical protein [Pseudomonas denitrificans]
 gi 516089869 Mass: 36389 Score: 93 Matches: 3(0) Sequences: 2(0)
  protein Ssg [Pseudomonas nitroreducens]
 glycosyltransferase [Pseudomonas sp. AAC]
  gi 730722014 Mass: 36649 Score: 93
                                       Matches: 3(0) Sequences: 2(0)
 glycosyltransferase [Pseudomonas aeruginosa]
 gi | 50304509 Mass: 57260 Score: 92 Matches: 14(3) Sequences: 2(1) emPAI: 0.06
  hypothetical protein [Kluyveromyces lactis NRRL Y-1140]
Check to include this hit in error tolerant search or archive report
 Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
  172 401.2392 800.4638 800.4643 -0.61 0 (35) 3.2 1 U K.AIIDELK.V
   173 401.2395 800.4644 800.4643 0.13 0 37
                                                1.9 1
  174 401.2395 800.4644 800.4643 0.13 0 (36) 2.8 1 U K.AIIDELK.V
  175 401.2397 800.4648 800.4643 0.63 0 (34) 3.6 1
  176 401.2398 800.4650 800.4643 0.88 0 (35) 1.9 1
   178 401.2398 800.4650 800.4643 0.88 0 (36) 1.4 1
   179 401.2400 800.4654 800.4643 1.38 0 (25) 20 1
                                                               K.AIIDELK.V
   339 465.2863 928.5580 928.5593 -1.34 1 (32) 3.3 4 U K.KAIIDELK.V
  340 465.2868 928.5590 928.5593 -0.27 1 54 0.021 1 U
                                                              K.KAIIDELK.V
   341 465.2868 928.5590 928.5593 -0.27 1 (35) 1.8 3 U K.KAIIDELK.V
   342 465,2869 928,5592 928,5593 -0.05 1 (53) 0.029 1
   343 465.2870 928.5594 928.5593 0.16 1 (50) 0.062 1
☑ 344 465.2870 928.5594 928.5593 0.16 1 (52) 0.04 1
   345 465.2873 928.5600 928.5593 0.81 1 (39) 0.71 7 U K.KAIIDELK.V
 Proteins matching the same set of peptides:
 gi | 491932069 Mass: 39667 Score: 92 Matches: 14(3) Sequences: 2(1)
 mannonate oxidoreductase [Bacteroides caccae]
 qi | 491940013 Mass: 39717 Score: 92 Matches: 14(3) Sequences: 2(1)
 mannonate oxidoreductase [Bacteroides caccae]
 gi 496035219 Mass: 39975 Score: 92 Matches: 14(3) Sequences: 2(1)
 mannonate oxidoreductase [Bacteroides sp. 1 1 14]
 gi | 496039455 Mass: 39965 Score: 92 Matches: 14(3) Sequences: 2(1)
 MULTISPECIES: mannonate oxidoreductase [Bacteroides]
 <u>gi | 499030058</u> Mass: 14602 Score: 92 Matches: 14(3) Sequences: 2(1)
 PREDICTED: protein Cl9orf12-like [Maylandia zebra]
 gi 503589086 Mass: 138576 Score: 92 Matches: 14(3) Sequences: 2(1)
 subtilisin [Desulfotomaculum kuznetsovii]
 gi 511014227 Mass: 39961 Score: 92 Matches: 14(3) Sequences: 2(1)
 hypothetical protein [Bacteroides thetaiotaomicron]
 hypothetical protein [Gardnerella vaginalis]
 hypothetical protein [Gardnerella vaginalis]
 gi 547309708 Mass: 39701 Score: 92 Matches: 14(3) Sequences: 2(1)
  uncharacterized protein [Bacteroides caccae CAG:21]
 gi | 548252685 | Mass: 39974 | Score: 92 | Matches: 14(3) | Sequences: 2(1)
 putative DNA mismatch repair protein [Bacteroides thetaiotaomicron CAG:40]
 gi | 548348266 | Mass: 11621 | Score: 92 | Matches: 14(3) | Sequences: 2(1)
 PREDICTED: protein C19orf12 homolog [Pundamilia nyererei]
 gi | 554826909 Mass: 11522 Score: 92 Matches: 14(3) Sequences: 2(1)
  PREDICTED: protein C19orf12 homolog [Haplochromis burtoni]
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gi | 700303716 | Mass: 46160 | Score: 80 | Matches: 3(1) | Sequences: 2(1) | emPAI: 0.08
  hypothetical protein TEU_09445 [Thermococcus eurythermalis]
Check to include this hit in error tolerant search or archive report
 Ouery Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
  262 429.7502 857.4858 857.4858 0.05 0 30 11 1 U K.ALLDGELK.K
425 493.7973 985.5800 985.5808 -0.73 1 52 0.046 1 U K.KALLDGELK.K

■ 426 493.7973 985.5800 985.5808 -0.73 1 (49) 0.089 1 U K.KALLDGELK.K

 gi 312207957 Mass: 33418 Score: 76 Matches: 1(1) Sequences: 1(1) emPAI: 0.11
  Chain A. Crystal Structure Of The Salmonella Type Iii Secretion System Tip Protein Sipd
Check to include this hit in error tolerant search or archive report
 Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide

■ 1721 711.8887 1421.7628 1421.7613 1.07 0 76 0.00012 1 U K.VLSSTISSSLETAK.S

  Proteins matching the same set of peptides:
  gi 312207959 Mass: 33402 Score: 76 Matches: 1(1) Sequences: 1(1)
  Chain A, Crystal Structure Of The Salmonella Type Iii Secretion System Tip Protein Sipd-C244s
 gi 343781050 Mass: 25459 Score: 76 Matches: 1(1) Sequences: 1(1)
  Chain A, Truncated Sipd From Salmonella Typhimurium
  Chain A, Sipd From Salmonella Typhimurium
  Chain A, Prgi-Sipd From Salmonella Typhimurium
  gi 353568350 Mass: 25469 Score: 76 Matches: 1(1) Sequences: 1(1)
  Cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Gaminara str. A4-567]
  <u>gi|353569572</u> Mass: 4450 Score: 76 Matches: 1(1) Sequences: 1(1)
  Cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Alachua str. R6-377]
  gi 353579414 Mass: 25207 Score: 76 Matches: 1(1) Sequences: 1(1)
  Cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Adelaide str. A4-669]
  gi 353596252 Mass: 30642 Score: 76 Matches: 1(1) Sequences: 1(1)
  Cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Inverness str. R8-3668]
  gi | 353606539 Mass: 24527 Score: 76 Matches: 1(1) Sequences: 1(1)
 Cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Johannesburg str. S5-703]
  qi | 353610102 Mass: 24155 Score: 76 Matches: 1(1) Sequences: 1(1)
  Cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Minnesota str. A4-603]
  gi | 353637485 Mass: 23622 Score: 76 Matches: 1(1) Sequences: 1(1)
 Cell invasion protein SipD [Salmonella enterica subsp. enterica serovar Rubislaw str. A4-653]
  gi 353638021 Mass: 24221 Score: 76 Matches: 1(1) Sequences: 1(1)
 Cell invasion protein SipD [Salmonella enterica subsp. enterica serovar Senftenberg str. A4-543]
  qi | 353661026 Mass: 24266 Score: 76 Matches: 1(1) Sequences: 1(1)
 Cell invasion protein SipD [Salmonella enterica subsp. enterica serovar Wandsworth str. A4-580]
  gi 381307082 Mass: 28189 Score: 76 Matches: 1(1) Sequences: 1(1)
  cell invasion protein SipD [Salmonella enterica subsp. enterica serovar Heidelberg str. 41573]
  gi | 435339085 Mass: 26967 Score: 76 Matches: 1(1) Sequences: 1(1)
  cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Enteritidis str. 6.0562-1]
  gi | 445990657 Mass: 23666 Score: 76 Matches: 1(1) Sequences: 1(1)
  cell division protein FtsQ [Salmonella enterica]
  gi | 446854984 Mass: 36483 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi 446854985 Mass: 37047 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi 446854986 Mass: 37020 Score: 76 Matches: 1(1) Sequences: 1(1)
  cell invasion protein SipD [Salmonella enterica]
  gi | 446854987 Mass: 36526 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446854988 Mass: 36523 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi 446854989 Mass: 37049 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446854990 Mass: 37090 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446854992 Mass: 37095 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
 qi | 446854993 Mass: 37081 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446854994 Mass: 36480 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
 gi | 446854995 Mass: 36508 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
 qi | 446854999 Mass: 36522 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446855000 Mass: 36466 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi 446855001 Mass: 36510 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
 qi | 446855002 Mass: 36383 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella bongori]
 gi 446855003 Mass: 36542 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446855004 Mass: 36374 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
  gi | 446855005 Mass: 36454 Score: 76 Matches: 1(1) Sequences: 1(1)
 cell invasion protein SipD [Salmonella enterica]
 gi 446975728 Mass: 11598 Score: 76 Matches: 1(1) Sequences: 1(1)
```

hypothetical protein [Salmonella enterica] gi 486164633 Mass: 36510 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] qi | 486185730 Mass: 37110 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi 486381881 Mass: 25128 Score: 76 Matches: 1(1) Sequences: 1(1) Cell invasion protein SipD, partial [Salmonella enterica] gi 487364299 Mass: 21953 Score: 76 Matches: 1(1) Sequences: 1(1) cell division protein FtsQ [Salmonella enterica] gi | 487366748 Mass: 21951 Score: 76 Matches: 1(1) Sequences: 1(1) cell division protein FtsQ [Salmonella enterica] gi 487381055 Mass: 22533 Score: 76 Matches: 1(1) Sequences: 1(1) cell division protein FtsQ [Salmonella enterica] gi 487525687 Mass: 15697 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica] <u>gi|487580045</u> Mass: 24755 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica] gi 487595947 Mass: 36522 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi 489044084 Mass: 36498 Score: 76 Matches: 1(1) Sequences: 1(1) Cell invasion protein sipD [Salmonella enterica] <u>gi|501175654</u> Mass: 33700 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 513037986 Mass: 36514 Score: 76 Matches: 1(1) Sequences: 1(1) pathogenicity island 1 effector protein [Salmonella enterica] gi | 515086747 Mass: 37097 Score: 76 Matches: 1(1) Sequences: 1(1) type III effector protein IpaD/SipD/SspD [Salmonella enterica] gi 516010559 Mass: 37039 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 526088020 Mass: 37111 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 526248995 Mass: 36491 Score: 76 Matches: 1(1) Sequences: 1(1) Cell invasion protein SipD [Salmonella bongori] gi 527085191 Mass: 37067 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 549798998 Mass: 37061 Score: 76 Matches: 1(1) Sequences: 1(1) pathogenicity island 1 effector protein [Salmonella enterica] gi | 554669518 Mass: 37117 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] qi | 554679405 Mass: 36388 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi 554684193 Mass: 36487 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 554691169 Mass: 36561 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 554922742 Mass: 37036 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 554957115 Mass: 36996 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 554957557 Mass: 37033 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi|554960691 Mass: 37022 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 554961919 Mass: 37093 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555219359 Mass: 36436 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi|555221720 Mass: 36450 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555236228 Mass: 36706 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555243630 Mass: 37085 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555248189 Mass: 37063 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555251163 Mass: 37123 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555267895 Mass: 36958 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi | 555272257 Mass: 12774 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica] gi 555275751 Mass: 6358 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica] gi | 555283842 Mass: 14523 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica] gi | 599840902 Mass: 4823 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica subsp. enterica serovar Heidelberg str. SARA32] qi | 640127303 Mass: 36437 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella enterica] gi 677859281 Mass: 14750 Score: 76 Matches: 1(1) Sequences: 1(1) hypothetical protein SEEB0208 21740, partial [Salmonella enterica subsp. enterica seroyar Bareilly str. CFSAN000208] gi | 685251667 Mass: 21721 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD, partial [Salmonella enterica] gi | 694275216 Mass: 36790 Score: 76 Matches: 1(1) Sequences: 1(1) sipD [Salmonella enterical gi 740606894 Mass: 36907 Score: 76 Matches: 1(1) Sequences: 1(1) cell invasion protein SipD [Salmonella bongori] gi | 740609153 Mass: 36478 Score: 76 Matches: 1(1) Sequences: 1(1)

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cell invasion protein SipD [Salmonella enterica]
     gi 740609973 Mass: 37056 Score: 76 Matches: 1(1) Sequences: 1(1)
     cell invasion protein SipD [Salmonella enterica]
     qi | 740662518 Mass: 37116 Score: 76 Matches: 1(1) Sequences: 1(1)
     cell invasion protein SipD [Salmonella enterica]
10. gi | 93279729 Mass: 12276 Score: 71 Matches: 4(0) Sequences: 2(0)
      Chain A, Crystal Structure Of The Putative Transcriptional Regualator, Marr Family From Porphyromonas Gingivalis W83
    Check to include this hit in error tolerant search or archive report
     Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
            401.2395 800.4644 800.4643 0.13 0 37
           401.2398 800.4650 800.4643 0.88 0 (36) 1.4 1
       179 401.2400 800.4654 800.4643 1.38 0 (25) 20 1
    210 414.2472 826.4798 826.4800 -0.18 0 33 1.8 1 U K.PLIDELK.F
     Proteins matching the same set of peptides:
     gi | 657962441 Mass: 133330 Score: 71 Matches: 4(0) Sequences: 2(0)
      PREDICTED: uncharacterized protein LOC103436169 [Malus domestica]
11. gi | 491901269 Mass: 25867 Score: 69 Matches: 8(0) Sequences: 2(0)
      anaerobic ribonucleoside-triphosphate reductase activating protein [Dethiosulfovibrio peptidovorans]
    Check to include this hit in error tolerant search or archive report
     Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
       637 554.2859 1106.5572 1106.5608 -3.19 0 (29) 11 4 U
       640 554 2861 1106 5576 1106 5608 -2 83 0 (32) 5 5 4 II K TTT.TDVDEP T
       642 554.2861 1106.5576 1106.5608 -2.83 0 (30) 8.8 4 U K.TTLIDYPER.I
       643 554.2861 1106.5576 1106.5608 -2.83 0 (25) 27 6 U K.TTLIDYPER.I
       646 554.2863 1106.5580 1106.5608 -2.47 0 32
                                                           5 4 U K.TTLIDYPER.I
       647 554.2864 1106.5582 1106.5608 -2.28 0 (31) 7.2 4 U K.TTLIDYPER.I
       648 554.2870 1106.5594 1106.5608 -1.20 0 (25) 24 6 U K.TTLIDYPER.I

■ 1048 618.3334 1234.6522 1234.6557 -2.82 1 36

                                                           2 1 U R.KTTLIDYPER.I
12. gi | 146983 Mass: 26114 Score: 68 Matches: 2(0) Sequences: 2(0)
      outer membrane protein II, partial [Escherichia fergusonii]
    Check to include this hit in error tolerant search or archive report
     Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide

    ☑ 2014
    827.9200
    1653.8254
    1653.8250
    0.27
    0
    35
    1.5
    1
    U
    K.LGYPITDDLDIYTR.L

    ☑ 2948
    744.7275
    2231.1607
    2231.1586
    0.92
    0
    32
    2.8
    1
    U
    R.FGQGEAAPVVAPAPAPAPEVQTK.H

     Proteins matching the same set of peptides:
     gi 229485743 Mass: 26128 Score: 68 Matches: 2(0) Sequences: 2(0)
      RecName: Full=Outer membrane protein A; AltName: Full=Outer membrane protein II, partial [Escherichia fergusonii]
     gi 300397206 Mass: 38387 Score: 68 Matches: 2(0) Sequences: 2(0)
     OmpA-like transmembrane domain protein [Escherichia coli MS 69-1]
     gi 300412048 Mass: 38359 Score: 68 Matches: 2(0) Sequences: 2(0)
     OmpA-like transmembrane domain protein [Escherichia coli MS 115-1]
     gi|300528219 Mass: 38091 Score: 68 Matches: 2(0) Sequences: 2(0)
     outer membrane protein A [Escherichia coli MS 107-1]
     gi|323462898 Mass: 37213 Score: 68 Matches: 2(0) Sequences: 2(0)
      Chain A, The Host Outer Membrane Proteins Ompa And Ompc Are Packed At Specific Sites In The Shigella Phage Sf6 Virion As Structural Components
     gi 324113719 Mass: 38610 Score: 68 Matches: 2(0) Sequences: 2(0)
     OmpA transmembrane domain-containing protein [Escherichia fergusonii B253]
     gi 326346124 Mass: 29481 Score: 68 Matches: 2(0) Sequences: 2(0)
     Outer membrane protein A precursor [Escherichia coli 0157:H7 str. 1044]
     gi 331038284 Mass: 40182 Score: 68 Matches: 2(0) Sequences: 2(0)
      outer membrane protein A [Escherichia coli H736]
      gi|338771000 Mass: 39904 Score: 68 Matches: 2(0) Sequences: 2(0)
     Outer membrane protein A [Escherichia coli PCN033]
     gi 386138203 Mass: 38399 Score: 68 Matches: 2(0) Sequences: 2(0)
     outer membrane protein A [Escherichia coli 1.2741]
     gi 388392255 Mass: 28265 Score: 68 Matches: 2(0) Sequences: 2(0)
     outer membrane protein A, partial [Escherichia coli KD2]
     gi 446237587 Mass: 36790 Score: 68 Matches: 2(0) Sequences: 2(0)
      membrane protein, partial [Escherichia coli]
     membrane protein [Escherichia coli]
     gi 446553514 Mass: 36080 Score: 68
                                             Matches: 2(0) Sequences: 2(0)
      membrane protein, partial [Escherichia coli]
     gi 446673069 Mass: 37468 Score: 68 Matches: 2(0) Sequences: 2(0)
      MULTISPECIES: membrane protein [Escherichia]
      gi | 446673070 Mass: 37178 Score: 68 Matches: 2(0) Sequences: 2(0)
      MULTISPECIES: outer membrane protein A (3a;II*;G;d) [Enterobacteriaceae]
     gi | 446673071 Mass: 25817 Score: 68 Matches: 2(0) Sequences: 2(0)
      membrane protein, partial [Escherichia coli]
     gi 446673072 Mass: 37456 Score: 68 Matches: 2(0) Sequences: 2(0)
      membrane protein [Escherichia coli]
      gi 446673074 Mass: 37208 Score: 68 Matches: 2(0) Sequences: 2(0)
      membrane protein [Escherichia coli]
      gi 446875567 Mass: 39626 Score: 68 Matches: 2(0) Sequences: 2(0)
      membrane protein [Escherichia coli]
     gi | 446875573 Mass: 39918 Score: 68 Matches: 2(0) Sequences: 2(0)
      membrane protein [Escherichia coli]
     gi | 481041560 Mass: 38401 Score: 68 Matches: 2(0) Sequences: 2(0)
```

membrane proteir gi 485664529			68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir	[Escherichia	coli]						
gi 485666433 membrane proteir			68	Matches:	2(0)	Sequences:	2(0)	
gi   485670686			68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir					0/01		0/01	
gi 485707694 membrane proteir			68	Matches:	2(0)	Sequences:	2(0)	
gi 485714280	Mass: 37470	Score:			2(0)	Sequences:	2(0)	
MULTISPECIES: me gi 485728443					2(0)	Sequences:	2(0)	
membrane proteir	[Shigella son	nei]						
gi 485776803 membrane proteir			68	Matches:	2(0)	Sequences:	2(0)	
gi   485786575			68	Matches:	2(0)	Sequences:	2(0)	
outer membrane p gi 485815280				W-1-1	2(0)	Sequences:	2/0)	
membrane proteir			00	Matthes:	2(0)	sequences:	2(0)	
gi 485829345			68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir gi 485830522			68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir	[Escherichia	coli]						
gi   485906836 outer membrane p				Matches:	2(0)	Sequences:	2(0)	
gi 485935400	Mass: 37130	Score:	68	Matches:	2(0)	Sequences:	2(0)	
outer membrane p gi 486142546				Matches:	2(0)	Sequences:	2(0)	
MULTISPECIES: ou	iter membrane p	rotein A	A [Esch	erichia]				
gi 486648058 outer membrane p				Matches:	2(0)	Sequences:	2(0)	
gi   487363100				Matches:	2(0)	Sequences:	2(0)	
outer membrane p	orotein A [Esch Mass: 37424			W-1-1	2(0)	Sequences:	2/0)	
gi   487566161 outer membrane p				Matthes:	2(0)	sequences:	2(0)	
	Mass: 37182		68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir gi 498062767	Mass: 37527		68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir								
gi   499697891 membrane proteir				Matches:	2(0)	Sequences:	2(0)	
gi 506433598	Mass: 40683	Score:	68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir gi 507087281				Matches:	2(0)	Sequences:	2(0)	
MULTISPECIES: ou	iter membrane p	rotein A	A [Esch	erichia]				
gi 510913438 outer membrane p	Mass: 37455 protein A [Esch			Matches:	2(0)	Sequences:	2(0)	
gi 519077113	Mass: 37484	Score:		Matches:	2(0)	Sequences:	2(0)	
membrane proteir gi 545246159			68	Matches:	2(0)	Sequences:	2(0)	
outer membrane p	rotein A [Esch	erichia	coli]					
gi 545297005 outer membrane p				Matches:	2(0)	Sequences:	2(0)	
gi 559186956				Matches:	2(0)	Sequences:	2(0)	
outer membrane p gi 564932452				ia coli] Matches:	2(0)	Sequences:	2(0)	
membrane proteir				nacches.	2(0)	sequences.	2(0)	
gi 585182969				Matches:	2(0)	Sequences:	2(0)	
MULTISPECIES: me gi 585319840				Matches:	2(0)	Sequences:	2(0)	
membrane proteir					0/01		0/01	
gi 585350225 membrane proteir			80	Matches:	∠(U)	Sequences:	∠(0)	
gi 585374859	Mass: 37679	Score:		Matches:	2(0)	Sequences:	2(0)	
membrane proteir gi 692968399				Matches:	2(0)	Sequences:	2(0)	
membrane proteir	[Escherichia	coli]				-		
gi 693229516 membrane proteir			68	Matches:	2(0)	Sequences:	2(0)	
gi 729992633	Mass: 37459	Score:	68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir gi 740534776			68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir	[Escherichia	sp. HTO	73016]					
gi 742917886 membrane proteir	Mass: 37192	Score:	68	Matches:	2(0)	Sequences:	2(0)	
gi 745761649	Mass: 37178	Score:	68	Matches:	2(0)	Sequences:	2(0)	
membrane proteir	[Shigella boy	dii]		Water	2(0)	gomes	2/01	
gi 745768689 membrane proteir			00	Matthes:	∠(∪)	sequences:	2(U)	
gi 489989392	Mass: 27079	Score.	64	Matchon:	1(1)	Semiences	1(1)	empar.
response regulat					±(±)	paquences:	±(±)	emtwr:
Check to include	this hit in e	rror to	lerant :	search or	archiv	ve report		
Query Observed	Mr(expt) Mr	c(calc)	pom	Miss Scor	e Expe	ct Rank Uni	que	Peptide
588 542.8218	1083.6290 108	33.6288	0.26	0 64	0.00	17 1	υ :	R.EOEILA

13. 0.14

Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide

8 588 542.8218 1083.6290 1083.6288 0.26 0 64 0.0017 1 U R.EQEILALLR.S

Proteins matching the same set gi 491440118 Mass: 39341	of peptides: Score: 64	Matches: 1(1)	Sequences: 1(1)
MULTISPECIES: carbohydrate kin	ase [Aeromonas	1	,
carbohydrate kinase [Aeromonas	salmonicida]	Matches: 1(1)	Sequences: 1(1)
gi   491477571 Mass: 39254 carbohydrate kinase [Aeromonas	Score: 64 veroniil	Matches: 1(1)	Sequences: 1(1)
gi 491490576 Mass: 39132	Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 491496540 Mass: 39215	veronii] Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 491504920 Mass: 39157	veronii] Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas	veronii]		_
gi 492578278 Mass: 38750 carbohydrate kinase [Aeromonas		Matches: 1(1)	Sequences: 1(1)
gi 498318877 Mass: 39461 carbohydrate kinase [Aeromonas		Matches: 1(1)	Sequences: 1(1)
gi 498361290 Mass: 39315	Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 500046678 Mass: 27111	caviae] Score: 64	Matches: 1(1)	Sequences: 1(1)
response regulator [Mycobacter gi 504689859 Mass: 26766		Matches: 1(1)	Sequences: 1(1)
response regulator [Mycobacter	ium smegmatis]		-
gi   511291535 Mass: 39285 carbohydrate kinase [Aeromonas		Matches: 1(1)	Sequences: 1(1)
gi 515978774 Mass: 39292 carbohydrate kinase [Aeromonas	Score: 64	Matches: 1(1)	Sequences: 1(1)
gi   515982402 Mass: 39424	Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 516376331 Mass: 39330		Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 516391647 Mass: 39358		Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas	hydrophila]		
gi 516394754 Mass: 39392 carbohydrate kinase [Aeromonas	Score: 64 hydrophila]	Matches: 1(1)	Sequences: 1(1)
gi 516398962 Mass: 39376 carbohydrate kinase [Aeromonas	Score: 64	Matches: 1(1)	Sequences: 1(1)
gi   518274823 Mass: 39227	Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 544709421 Mass: 39348	sp. 159] Score: 64	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 544814183 Mass: 39199	salmonicida]	Matches: 1(1)	Sequences: 1(1)
carbohydrate kinase [Aeromonas	veronii]		,
gi   569546803 Mass: 39358 carbohydrate kinase [Aeromonas		Matches: 1(1) K4]	Sequences: 1(1)
gi 610710855 Mass: 39347 kinase [Aeromonas hydrophila A		Matches: 1(1)	Sequences: 1(1)
gi 612335732 Mass: 39376	Score: 64	Matches: 1(1)	Sequences: 1(1)
	Score: 64	<pre>subsp. masoucio Matches: 1(1)</pre>	ia NBRC 13784] Sequences: 1(1)
carbohydrate kinase [Aeromonas gi 640504956 Mass: 39362	media WS] Score: 64	Matches: 1(1)	Sequences: 1(1)
kinase [Aeromonas hydrophila]			_
gi 640507207 Mass: 39361 kinase [Aeromonas hydrophila]	Score: 64	Matches: 1(1)	Sequences: 1(1)
gi   651304789 Mass: 39329 kinase [Aeromonas sp. HZM]	Score: 64	Matches: 1(1)	Sequences: 1(1)
gi 657056466 Mass: 39423 kinase [Aeromonas hydrophila]	Score: 64	Matches: 1(1)	Sequences: 1(1)
gi 657061848 Mass: 39389	Score: 64	Matches: 1(1)	Sequences: 1(1)
kinase [Aeromonas hydrophila] gi 662016601 Mass: 39345	Score: 64	Matches: 1(1)	Sequences: 1(1)
kinase [Aeromonas caviae] gi   663466793   Mass: 39331	Score: 64	Matches: 1(1)	Sequences: 1(1)
kinase [Aeromonas hydrophila]	score: 64		sequences: I(I)
gi 675524491 Mass: 39275		-(-,	
	Score: 64	Matches: 1(1)	Sequences: 1(1)
kinase [Aeromonas salmonicida] gi 696588558 Mass: 39228			Sequences: 1(1) Sequences: 1(1)
kinase [Aeromonas salmonicida] gi 696588558		Matches: 1(1)	,
kinase [Aeromonas salmonicida] gi[696588558 Mass: 39228 kinase [Aeromonas sp. AE122] gi[696628400 Mass: 39269 kinase [Aeromonas sp. AE235]	Score: 64	Matches: 1(1) Matches: 1(1)	Sequences: 1(1)
kinase (Aeromonas salmonicida) gi 69658858	Score: 64 Score: 64	Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1)	Sequences: 1(1) Sequences: 1(1) Sequences: 1(1)
kinase [Aeromonas salmonicida] gi 696588558	Score: 64 Score: 64 Score: 64	Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1)	Sequences: 1(1) Sequences: 1(1)
kinase [Aeromonas salmonicida] gi_1695638558 Mass: 93288 kinase [Aeromonas sp. AE122] gi_1695628400 Mass: 39269 kinase [Aeromonas sp. AE235] gi_1696531748 Mass: 39144 kinase [Aeromonas sp. 4287D] gi_1721526397 Mass: 39285 kinase [Aeromonas caviae] gi_172153650 Mass: 39358	Score: 64 Score: 64	Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1)	Sequences: 1(1) Sequences: 1(1) Sequences: 1(1)
kinase [Aeromonas salmonicida] gi 696588558	Score: 64 Score: 64 Score: 64	Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1)	Sequences: 1(1) Sequences: 1(1) Sequences: 1(1) Sequences: 1(1)
kinase [Aeromonas salmonicida] gi 696588558	Score: 64 Score: 64 Score: 64 Score: 64	Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1) Matches: 1(1)	Sequences: 1(1) Sequences: 1(1) Sequences: 1(1) Sequences: 1(1) Sequences: 1(1)
kinase [Aeromonas salmonicida]  zii[595588558 Mass: 39228 kinase [Aeromonas sp. AE122] zii[595628400 Mass: 39269 kinase [Aeromonas sp. AE235] zii[596521748 Mass: 39144 kinase [Aeromonas sp. 4287D] zii[721526397 Mass: 39285 kinase [Aeromonas caviae] zii[721535550 Mass: 39358 kinase [Aeromonas hydrophila] zii[743523061 Mass: 39308 kinase [Aeromonas caviae] xinase [Aeromonas caviae]	Score: 64 Score: 64 Score: 64 Score: 64 Score: 64 Score: 64	Matches: 1(1)	Sequences: 1(1) Sequences: 1(1) Sequences: 1(1) Sequences: 1(1) Sequences: 1(1)

<sup>14.</sup> gi 494364767 Mass: 41662 Score: 63 Matches: 13(0) Sequences: 2(0) putative LPS biosynthesis protein WbpG [Hoeflea phototrophica]

Check to include this hit in error tolerant search or archive report

Query
 Observed
 Mr(expt)
 Mr(calc)
 ppm
 Miss Score Expect Rank Unique
 Peptide

 80
 376.7003
 751.3860
 751.3864
 -0.53
 0
 (25)
 25
 5
 U
 R.YDLVSR.T

```
81 376.7003 751.3860 751.3864 -0.53 0 (25)
     82 376.7003 751.3860 751.3864 -0.53 0 (24)
     90 376.7005 751.3864 751.3864 0.01 0 25
        376,7005 751,3864 751,3864 0.01 0 (23)
     94 376.7006 751.3866 751.3864 0.27 0 (25)
                                                        27 5
     99 376.7007 751.3868 751.3864 0.54 0 (25)
                                                        31 3
    <u>100</u> 376.7007 751.3868 751.3864 0.54 0 (24)
    <u>172</u> 401.2392 800.4638 800.4643 -0.61 0 (35)
                                                        3.2 1
    173 401.2395 800.4644 800.4643 0.13 0 37
                                                        1.9 1
                                                                         K.ALIDEIK.A
    176 401.2398 800.4650 800.4643 0.88 0 (35)
                                                        1.9 1
                                                                         K.ALIDEIK.A
    178 401.2398 800.4650 800.4643 0.88 0 (36) 1.4 1
                                                                         K ALTDETK A
    179 401,2400 800,4654 800,4643 1,38 0 (25)
                                                                        K.ALIDEIK.A
   Proteins matching the same set of peptides:
   gi | 685804020 Mass: 42570 Score: 63 Matches: 13(0) Sequences: 2(0)
  N-acetyl sugar amidotransferase [Hoeflea phototrophica DFL-43]
  gi 225733897 Mass: 18808 Score: 59 Matches: 1(1) Sequences: 1(1) empAI: 0.20
  Chain A. Solution Structure Of E.Coli Slvd
Check to include this hit in error tolerant search or archive report

        Query
        Observed
        Mr(expt)
        Mr(calc)
        ppm
        Miss Score
        Expect Rank Unique
        Peptide

        ♥ 510
        523.8039
        1045.5932
        1045.5920
        1.17
        0
        59
        0.0089
        1
        U
        K.FNVEV

  Proteins matching the same set of peptides:
   gi | 353566445 Mass: 8811 Score: 59 Matches: 1(1) Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase SlyD, partial [Salmonella enterica subsp. enterica seroyar Alachua str. R6-377]
  gi | 353593590 Mass: 10479 Score: 59 Matches: 1(1) Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase SlyD, partial [Salmonella enterica subsp. enterica serovar Inverness str. R8-3668]
  gi | 353633808 Mass: 10811 Score: 59 Matches: 1(1) Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase SlyD [Salmonella enterica subsp. enterica seroyar Rubislaw str. A4-653]
  gi 353658866 Mass: 11767 Score: 59 Matches: 1(1) Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase SlyD. partial [Salmonella enterica subsp. enterica serovar Urbana str. R8-2977]
  gi|446225023 Mass: 6787 Score: 59 Matches: 1(1) Sequences: 1(1)
  hypothetical protein, partial [Escherichia sp. TW14182]
  gi | 446784059 Mass: 20852 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi | 446784060 Mass: 20761 Score: 59 Matches: 1(1) Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase [Salmonella enterica]
  gi 446784062 Mass: 20854 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi | 446784063 Mass: 20882 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl dis-trans isomerase [Escherichia colil
  qi | 446784064 Mass: 20787 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi 446784065 Mass: 19493 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi 446784070 Mass: 20854 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi | 446784071 Mass: 20296 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Shigella dysenteriae]
  gi 446784074 Mass: 20336 Score: 59 Matches: 1(1) Sequences: 1(1)
  MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacteriaceae]
  gi 446784075 Mass: 20588 Score: 59 Matches: 1(1) Sequences: 1(1)
  MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Escherichia]
  gi | 446784076 Mass: 20826 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi 446784077 Mass: 20898 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi 446784078 Mass: 20840 Score: 59 Matches: 1(1) Sequences: 1(1)
  MULTISPECIES: FKBP-type peptidyl prolyl cis-trans isomerase (rotamase) [Enterobacteriaceae]
  gi 446784079 Mass: 20866 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  gi 446784080 Mass: 20870 Score: 59 Matches: 1(1) Sequences: 1(1)
  MULTISPECIES: FKBP-type peptidyl-prolyl cis-trans isomerase [Escherichia]
  gi 446784081 Mass: 20602 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia albertii]
  gi 446784082 Mass: 20866 Score: 59 Matches: 1(1) Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase [Escherichia sp. TW15838]
  gi 446784083 Mass: 20854 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Escherichia coli]
  <u>gi | 446784084</u> Mass: 20978 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Salmonella bongori]
  gi 446784085 Mass: 20775 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Salmonella enterica]
  gi 446784086 Mass: 20968 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Salmonella enterica]
  gi | 446784087 | Mass: 20348 | Score: 59 | Matches: 1(1) | Sequences: 1(1)
  FKBP-type peptidyl-prolyl cis-trans isomerase, partial [Salmonella enterica]
  gi 446784088 Mass: 20538 Score: 59 Matches: 1(1) Sequences: 1(1)
   FKBP-type peptidyl-prolyl cis-trans isomerase, partial [Salmonella enterica]
  gi 446784089 Mass: 20835 Score: 59 Matches: 1(1) Sequences: 1(1)
  peptidyl-prolyl cis-trans isomerase [Salmonella enterica]
  gi 446784090 Mass: 20789 Score: 59 Matches: 1(1) Sequences: 1(1)
   FKBP-type peptidyl-prolyl cis-trans isomerase [Salmonella enterica]
  gi | 446784091 Mass: 20854 Score: 59 Matches: 1(1) Sequences: 1(1)
   MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacteriaceae]
```

qi | 446784092 Mass: 20870 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Escherichia fergusonii] gi 485758914 Mass: 20800 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 485770871 Mass: 20800 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 485890455 Mass: 20870 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 486158291 Mass: 20805 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Salmonella enterica] gi 486258340 Mass: 20824 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 487139208 Mass: 20764 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 487370191 Mass: 20798 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 487374260 Mass: 20798 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi | 487400797 Mass: 20909 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 487442612 Mass: 20798 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] gi 487561721 Mass: 20798 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli] <u>gi|487629456</u> Mass: 18549 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase, partial [Salmonella enterica] gi | 487759610 Mass: 17540 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase, partial [Salmonella enterica] gi 488366938 Mass: 20471 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Escherichia hermannii] gi | 488375476 Mass: 22014 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Shimwellia blattae] gi | 489009580 Mass: 20731 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Klebsiella] gi 489044308 Mass: 20581 Score: 59 Matches: 1(1) Sequences: 1(1) hypothetical protein [Salmonella enterica] qi | 489113781 Mass: 21169 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacteriaceae] gi | 489924421 Mass: 21393 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Citrobacter freundii] gi 489958384 Mass: 20832 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter cloacae complex] qi | 490227601 Mass: 20708 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Klebsiella] gi 490307143 Mass: 20983 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: FKBP-type peptidylprolyl isomerase [Klebsiella] gi 490993116 Mass: 20708 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Klebsiella] MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacteriaceae] qi | 491010846 Mass: 20983 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Klebsiella pneumoniae] gi 493178713 Mass: 20924 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Enterobacter cancerogenus] gi | 493738191 Mass: 21112 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Citrobacter youngae] gi | 493865507 Mass: 21530 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Enterobacter hormaechei] gi|493871002 Mass: 20860 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Yokenella regensburgei] gi | 493947984 Mass: 20694 Score: 59 Matches: 1(1) Sequences: 1(1) FKBP-type peptidyl-prolyl cis-trans isomerase SlyD [Salmonella enterica] gi | 494611549 Mass: 20766 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Kosakonia radicincitans] gi | 495732519 Mass: 20894 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Enterobacter sp. Agl] qi | 495778431 Mass: 20845 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter] gi | 496061787 Mass: 21363 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidvl-prolvl cis-trans isomerase [Citrobacter] gi | 496082532 Mass: 20917 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Klebsiella] qi | 498122142 Mass: 20934 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Enterobacter mori] peptidyl-prolyl cis-trans isomerase [Citrobacter koseri] gi | 501534380 Mass: 21169 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Klebsiella pneumoniae] gi | 502326197 Mass: 21245 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Dickeya] gi | 502345515 Mass: 20560 Score: 59 Matches: 1(1) Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Dickeya] gi | 502650076 | Mass: 21518 | Score: 59 | Matches: 1(1) | Sequences: 1(1) MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Dickeya] gi | 502672597 Mass: 21111 Score: 59 Matches: 1(1) Sequences: 1(1) peptidyl-prolyl cis-trans isomerase [Citrobacter rodentium]

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gi | 502864061 Mass: 20651 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter]
qi|503084857 Mass: 21078 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Dickeya dadantii]
gi | 503937918 Mass: 20889 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter cloacae complex]
<u>gi|503993048</u> Mass: 20766 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Klebsiella oxytoca]
MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter]
gi 504698389 Mass: 20890 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter]
<u>gi|506486182</u> Mass: 20687 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase [Enterobacteriaceae bacterium strain FGI 57]
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli]
gi 514235830 Mass: 22538 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase, FKBP-type SlyD [Cedecea davisae]
gi 515509734 Mass: 21726 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Dickeya zeae]
<u>gi|515953591</u> Mass: 21084 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: peptidyl-prolyl cis-trans isomerase [Enterobacter cloacae complex]
gi | 516029309 Mass: 20792 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Enterobacter sp. R4-368]
gi | 518683492 Mass: 21712 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Dickeya zeae]
peptidyl-prolyl cis-trans isomerase [Escherichia coli]
gi 537687563 Mass: 20638 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase, partial [Salmonella enterica]
gi 545158424 Mass: 20888 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli]
gi | 545166487 | Mass: 20830 | Score: 59 | Matches: 1(1) | Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli]
gi | 545171560 Mass: 20816 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli]
gi | 545259459 Mass: 20830 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli]
qi | 545297806 Mass: 20676 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Escherichia coli]
gi 550653409 Mass: 20771 Score: 59 Matches: 1(1) Sequences: 1(1)
Peptidyl-prolyl cis-trans isomerase [Dickeya solani]
gi | 550711947 Mass: 20284 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Klebsiella pneumoniae]
gi | 550766236 Mass: 20580 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Enterobacteriaceae]
gi | 553728158 Mass: 19512 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase SlyD [Escherichia coli]
gi | 554434547 Mass: 20018 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase, partial [Salmonella enterica subsp. enterica seroyar London str. CFSAN001081]
gi | 554925606 Mass: 20803 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase [Salmonella enterica]
qi | 556370622 Mass: 20925 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Klebsiella pneumoniae]
qi | 556479878 Mass: 20638 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Enterobacter cloacae complex
gi | 556490163 Mass: 20638 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Enterobacter cloacae complex]
gi|558090270 Mass: 20986 Score: 59 Matches: 1(1) Seguences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Enterobacter cloacae]
gi 568603461 Mass: 20830 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Dickeya dianthicola]
gi | 585374055 Mass: 18363 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase, partial [Escherichia coli]
gi | 603584086 Mass: 18298 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase, partial [Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121004]
gi | 627377118 Mass: 22492 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase [Salmonella enterica subsp. enterica serovar Cerro FSL R8-0235]
qi | 635729852 Mass: 20918 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase slyD [Citrobacter sp. MGH 55]
gi | 640460397 Mass: 20903 Score: 59 Matches: 1(1) Sequences: 1(1)
MULTISPECIES: peptidvlprolvl isomerase [Enterobacter]
gi 647263924 Mass: 20745 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase [Klebsiella sp. 10982]
gi | 654659164 Mass: 20646 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase [Escherichia coli]
gi | 657899497 Mass: 20479 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase [Klebsiella pneumoniae]
gi | 667711461 Mass: 20789 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidyl-prolyl cis-trans isomerase [Klebsiella pneumoniae subsp. pneumoniae PittNDM01]
gi | 671538017 Mass: 20682 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase [Cronobacter sp. 1383]
qi | 673535480 Mass: 20903 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase [Citrobacter koseri]
gi 685392227 Mass: 16260 Score: 59 Matches: 1(1) Sequences: 1(1)
peptidylprolyl isomerase, partial [Salmonella enterica]
gi | 689828010 Mass: 20733 Score: 59 Matches: 1(1) Sequences: 1(1)
FKBP-type peptidyl-prolyl cis-trans isomerase SlyD [Escherichia vulneris NBRC 102420]
```

gi 476262192 Mass: 7650 Score: 50 Matches: 1(0) Sequences: 1(0)

ribosomal protein L28 [Escherichia coli 2747800]

Matches: 1(1) Sequences: 1(1)

gi 692981311 Mass: 20856 Score: 59

```
peptidylprolyl isomerase [Escherichia coli]
     gi 693024543 Mass: 20313 Score: 59
     peptidylprolyl isomerase [Escherichia coli]
     gi 693059073 Mass: 20394 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Escherichia coli]
     gi | 693190736 Mass: 20854 Score: 59
                                                Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Escherichia coli]
      gi | 695625249 Mass: 20819 Score: 59 Matches: 1(1) Sequences: 1(1)
      MULTISPECIES: peptidylprolyl isomerase [Enterobacter cloacae complex]
     gi 695639476 Mass: 20637 Score: 59 Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Leclercia adecarboxylata]
     <u>gi|695669145</u> Mass: 20008 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Enterobacter sp. MGH 4]
     <u>gi | 695767461</u> Mass: 20989 Score: 59 Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Raoultella ornithinolytica]
     gi 695770781 Mass: 20960 Score: 59 Matches: 1(1) Sequences: 1(1)
      MULTISPECIES: peptidylprolyl isomerase [Klebsiella]
      gi 723056706 Mass: 20830 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Escherichia coli]
     gi 723115247 Mass: 20440 Score: 59
                                                Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase, partial [Escherichia coli]
                  Mass: 20632 Score: 59 Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Dickeya sp. 2B12]
      gi 727387042 Mass: 20859 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Escherichia coli]
      gi | 729877603 Mass: 20898 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Escherichia coli]
      gi|737362387 Mass: 20555 Score: 59 Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Dickeya sp. DW 0440]
      gi | 737929391 Mass: 21240 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Kluyvera ascorbata]
      gi | 740321464 Mass: 20617 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Trabulsiella guamensis]
      gi 740692890 Mass: 21181 Score: 59
                                                Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Cedecea neteri]
      gi|740879765 Mass: 20812 Score: 59
                                                Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Dickeya solani]
      gi 742423129 Mass: 20826 Score: 59
                                                Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Dickeya dadantii]
      gi 742463569 Mass: 20798 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Dickeya sp. MK7]
      gi 742925505 Mass: 20844 Score: 59 Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Enterobacter asburiae]
      qi | 743514001 Mass: 20795 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Leclercia adecarboxylata]
      gi 745758440 Mass: 20729 Score: 59 Matches: 1(1) Sequences: 1(1)
      peptidylprolyl isomerase [Enterobacter sp. Bisphl]
      gi | 746239832 Mass: 20880 Score: 59 Matches: 1(1) Sequences: 1(1)
     peptidylprolyl isomerase [Cedecea neteri]
     qi|518446942 Mass: 82781 Score: 52 Matches: 2(0) Sequences: 2(0)
     hypothetical protein [Psychromonas ossibalaenae]
   Check to include this hit in error tolerant search or archive report
     Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide

    №
    198
    407.2391
    812.4636
    812.4644
    -0.87
    0
    32
    3.2
    3.2
    1
    U
    K.VPIDELK.I

    355
    471.2871
    940.5596
    940.5593
    0.36
    1
    20
    32
    8
    U
    K.KVPIDELK.I

      Proteins matching the same set of peptides:
      gi | 655483392 Mass: 85976 Score: 52 Matches: 2(0) Sequences: 2(0)
     hypothetical protein [Psychromonas aguimarina]
17. gi | 118138114 Mass: 8870 Score: 50 Matches: 1(0) Sequences: 1(0)
      Chain X, Crystal Structure Of Ribosome With Messenger Rna And The Anticodon Stem-Loop Of P-Site Trna. This File Contains The 50s Subunit Of One 70s Ribosome. The Entire Crystal Structure Contains Two 70s Ribosome And Is Described In Remark 400.
   Check to include this hit in error tolerant search or archive report
     Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
   ☑ 597 543.8116 1085.6086 1085.6081 0.54 0 50 0.086 1 U K.GIDTVLAELR.A
     Proteins matching the same set of peptides:
      gi|208726602 Mass: 10012 Score: 50 Matches: 1(0) Sequences: 1(0)
     ribosomal protein L28 [Escherichia coli 0157:H7 str. EC4206]
     gi | 446014100 Mass: 9001 Score: 50 Matches: 1(0) Sequences: 1(0)
      MULTISPECIES: 50S ribosomal protein L28 [Enterobacteriaceae]
     qi | 446069563 Mass: 7690 Score: 50 Matches: 1(0) Sequences: 1(0)
      MULTISPECIES: 50S ribosomal protein L28 [Enterobacteriaceae]
      gi | 446069564 Mass: 7720 Score: 50 Matches: 1(0) Sequences: 1(0)
      50S ribosomal protein L28 [Shigella flexneri]
     gi | 476083841 Mass: 7676 Score: 50 Matches: 1(0) Sequences: 1(0)
     ribosomal protein L28 [Escherichia coli MP021017.11]
     qi | 476107273 Mass: 7686 Score: 50 Matches: 1(0) Sequences: 1(0)
     ribosomal protein L28 [Escherichia coli BCE002_MS12]
     qi | 476112070 Mass: 7610 Score: 50 Matches: 1(0) Sequences: 1(0)
     ribosomal protein L28 [Escherichia coli 2875000]
```

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gi 476774490 Mass: 7650 Score: 50 Matches: 1(0) Sequences: 1(0)
     ribosomal protein L28 [Escherichia coli 2730350]
     gi | 485866674 Mass: 8961 Score: 50 Matches: 1(0) Sequences: 1(0)
      50S ribosomal protein L28 [Escherichia coli]
     gi 487428382 Mass: 8961 Score: 50 Matches: 1(0) Sequences: 1(0)
      50S ribosomal protein L28 [Escherichia coli]
     gi 488390981 Mass: 9029 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia albertii]
     gi 490009682 Mass: 8987 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia coli]
     gi 490247109 Mass: 8914 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Klebsiella pneumoniae]
     <u>gi | 491128996</u> Mass: 9031 Score: 50 Matches: 1(0) Sequences: 1(0)
     MULTISPECIES: 50S ribosomal protein L28 [Shigella]
     gi 494076066 Mass: 8973 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Bermanella marisrubri]
     gi 494440852 Mass: 9119 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [marine gamma proteobacterium HTCC2080]
     gi 497262153 Mass: 9107 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [gamma proteobacterium IMCC3088]
     gi | 497817924 Mass: 9041 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Microbulbifer agarilyticus]
     gi | 498912430 Mass: 9015 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Xenorhabdus nematophila]
     gi 499789415 Mass: 9025 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Saccharophagus degradans]
     gi | 517453253 Mass: 8963 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Kangiella aquimarina]
     gi 545243968 Mass: 9013 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia coli]
     gi | 551347959 Mass: 9003 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Pseudomonas caeni]
     Chain X, E. Coli 70s-fmetval-trnaval-trnafmet Complex In Classic Pre- Translocation State (prelb, 50s Subunit)
     gi | 585234621 Mass: 8961 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia coli]
     gi | 585279289 Mass: 8997 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia coli]
     qi | 585280544 Mass: 8921 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia coli]
     gi 654839673 Mass: 9010 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Oceanobacter kriegii]
     gi | 661559608 Mass: 9001 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Xenorhabdus doucetiae]
     qi | 727408157 Mass: 8948 Score: 50 Matches: 1(0) Sequences: 1(0)
     50S ribosomal protein L28 [Escherichia coli]
     gi | 740406308 Mass: 8987 Score: 50 Matches: 1(0) Sequences: 1(0)
     MULTISPECIES: 50S ribosomal protein L28 [Xenorhabdus]
18. gi | 136429 Mass: 24394 Score: 50 Matches: 1(0) Sequences: 1(0)
     RecName: Full=Trypsin; Flags: Precursor [Sus scrofa]
   Check to include this hit in error tolerant search or archive report
     Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide
   239 421.7583 841.5020 841.5022 -0.12 0 50
     Proteins matching the same set of peptides:
     gi 494360 Mass: 23458 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain A. The Refined 1.6 Angstroms Resolution Crystal Structure Of The Complex Formed Between Porcine Beta-trypsin And Mcti-a. A Trypsin Inhibitor Of Squash Family
     gi | 999627 Mass: 8814 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain B. Refined 1.8 Angstroms Resolution Crystal Structure Of Porcine Epsilon-Trypsin
     gi | 1942351 Mass: 13284 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain A, Crystal Structure Of The First Active Autolysate Form Of The Porcine Alpha Trypsin
     gi 2914482 Mass: 23460 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain A, Complex Of The Second Kunitz Domain Of Tissue Factor Pathway Inhibitor With Porcine Trypsin
     qi|3318722 Mass: 23457 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain E. Leech-Derived Tryptase InhibitorTRYPSIN COMPLEX
     gi | 110590762 Mass: 23458 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain A. Trypsin In Complex With Borate
     gi | 157878102 Mass: 24157 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain E, Complex Of Eeti-Ii With Porcine Trypsin
     gi 242253868 Mass: 25865 Score: 50
                                            Matches: 1(0) Sequences: 1(0)
     trypsinogen precursor [Sus scrofa]
     gi 315583496 Mass: 23430 Score: 50 Matches: 1(0) Sequences: 1(0)
     Chain A. The Bowman-Birk Type Inhibitor From Mung Bean In Ternary Complex With Porcine Trypsin
     gi|338819392 Mass: 842 Score: 50 Matches: 1(0) Seguences: 1(0)
     RecName: Full=Sarcoplasmic calcium-binding protein, partial [Chionoecetes opilio]
     qi|545882044 Mass: 25922 Score: 50 Matches: 1(0) Sequences: 1(0)
     PREDICTED: trypsinogen isoform X1 [Sus scrofa]
     qi | 731509157 Mass: 26287 Score: 50 Matches: 1(0) Sequences: 1(0)
     PREDICTED: LOW OUALITY PROTEIN: cationic trypsin-3-like [Loxodonta africana]
     gi | 731509159 Mass: 26239 Score: 50 Matches: 1(0) Sequences: 1(0)
     PREDICTED: cationic trypsin-3-like [Loxodonta africana]
     qi | 493595525 Mass: 61671 Score: 49 Matches: 1(0) Sequences: 1(0)
     lysyl-tRNA synthetase [Actinomyces urogenitalis]
   Check to include this hit in error tolerant search or archive report
```

```
Query Observed Mr(expt) Mr(calc) ppm Miss Score Expect Rank Unique Peptide

1972 804.9125 1607.8104 1607.8090 0.92 1 49 0.09 1 U R.SSGKLCFVALADGAGR.T + Carbamidomethyl (C)

Proteins matching the same set of peptides:

1/736103835 Mass: 61657 Score: 49 Matches: 1(0) Sequences: 1(0) 1/7911-TRNA synthetase [Actinomyces urogenitalis]
```

Peptide matches not assigned to protein hits: (no details means no match)

Ouery Observed Mr(expt) Mr(calc) pum Miss Score Expect Ra

eptide matc	hes not ass	igned to pr	otein hits:	(no de	etail	s means	no match	1)		
Ouerv	Observed	Mr(expt)	Mr(calc)	nnm	Miga	Score	Evnect	Pank	Imima	Peptide
<b>≥</b> 294	448.7273	895.4400	895.4400			49	0.072		oninguo	FATTVSDR
☑ 542			1064.5251			48	0.12	1		DFISGNGLSR
	494.2896	986.5646	986.5648		0	48	0.096	1		VSALDLELK
■ 429     ■ 401	486.2924	970.5702		0.39	0	47	0.098	1		AAVILDELK
			970.5699							
☑ 181	401.7372	801.4598	801.4596	0.32		47	0.29	1		ALTAEIGK
☑ 403	487.2568	972.4990	972.4988			47	0.19	1		NSGLEALNR
☑ 192	405.2115	808.4084	808.4079	0.66	0	47	0.21	1		YGDSVLR
	478.2949	954.5752	954.5750	0.31	1	46	0.074	1		IKEVPEIK
2536	954.9847	1907.9548	1907.9564	-0.81	0	45	0.19	1		CFGFVTGSQQVLDALPAR
	415.2072		828.3977			45	0.14			QDPLNDK
☑ 1612	689.3249	1376.6352	1376.6354	-0.13	0	45	0.13	1		VDQLSNDVNAMR + Oxidation (M)
≥ 264	430.2354	858.4562	858.4559	0.40	0	43	0.71	1		SAELGLNR
	405.2113	808.4080	808.4079	0.17	0	43	0.47	1		YGDSVLR
	492.7896	983.5646								TPSETGOLK
☑ 417			983.5651		0	43	0.17	1		
☑ 2162			1722.9192			43	0.22	1		FFADLGADVIKIESAK
☑ 219	415.2300	828.4454	828.4453		1	43	0.43	1		QPTKNNK
☑ 1870	776.4022	1550.7898	1550.7875	1.52	1	43	0.38	1		NFGNISDMASVLKR
☑ 478	514.8027	1027.5908	1027.5913	-0.48	0	42	0.29	1		VAAIIDEAVK
☑ 1352	650.8516	1299.6886	1299.6856	2.32	1	42	0.44	1		MKNNLPPTLEK + Oxidation (M)
☑ 399	486.2923	970.5700	970.5699	0.18	0	42	0.3	1		GIAILDELK
<b>≥</b> 548	533.3064	1064.5982	1064.5978	0.40	0	42	0.22	1		IHEGLEVIR
Ø 577			1078.5771			42	0.38	1		GKSYOEVLR
819			1170.5993			42	0.26	1		DSIRPNVODK
			1609.8675			42	0.28			GPIGSDDAAELIALLR
☑ 480			1027.5913			42	0.35			VAAIIDEAVK
1986			1623.8039			41	0.43	1		ISCKGYDVNVLSGGR + Carbamidomethyl (C)
☑ 323	458.7457	915.4768	915.4774		0	41	0.75	1		ASVEGALNR
2319	887.9890	1773.9634	1773.9658	-1.35	1	41	0.25	1		VINMKELQNTLNTIK + Oxidation (M)
	415.2307	828.4468	828.4453	1.82	1	41	0.71	1		QPTKNNK
☑ 1480	671.3597	1340.7048	1340.7010		0	41	0.38	1		EIMVHVEVLEK + Oxidation (M)
☑ 1483	671.3609	1340.7072	1340.7088	-1.18	1	41	0.45	1		LLYNDPHVKDK
≥ 345	465.2873	928.5600	928.5593		1	41	0.47	1		KAIDIEIK
E 225	415.2307	828.4468	828.4453			41	0.79	1		KDARPDK
			1064.5978	1.82	0	41		1		THEGLEVIR
							0.33			
☑ 232	418.2499	834.4852	834.4851		0	41	0.33	1		ISIIFDK
	415.2301	828.4456	828.4453	0.37	0	40	0.74	1		KPTNQNK
	544.2785	1086.5424	1086.5418	0.63	0	40	0.63	1		DLSAVQANNR
	415.2302	828.4458	828.4453	0.61	1	40	0.78	1		QPTKNNK
₹ 404	487.2568	972.4990				40	1	1		SNAVAEINR
☑ 224	415.2303					40	0.88	1		OPTKNNK
□ 1011		1225.6324		3.85		39	0.63	1		RDIPMYYLR
			1043.5723		1	39	1			VLQTDKANR
	579.8280		1157.6404	0.88	0	39	0.91	1		DASIQVVSAIR
☑ 550			1064.6025			39	0.42	1		MRVPPGRPR
☑ 1859			1550.7909			39	0.65	1		NVSMGRSMASVIGVK + Oxidation (M)
☑ 182	401.7373	801.4600	801.4596	0.57	0	39	1.8	1		ALTAEIGK
☑ 346	466.2289	930.4432	930.4407	2.78	0	39	0.58	1		GNATEAGSPK
☑ 1909	785.8431	1569.6716	1569.6696	1.33	0	39	0.21	1		EGVNDNEEGFFSAR
☑ 1419			1323.6306			39	0.75	1		ENSVDYKVNEK
☑ 298	450.2688	898.5230	898.5236			38	1.2	1		GVATVSLPR
			1009.4862		o	38	0.79	1		SSMAGTITSR
☑ 379	478.7993	955.5840	955.5814			38	1.4	1		AIAALDRVK
			1500.7572			38	1.1	1		FAAALAAAPEDEGLR
			1215.6208			38	1.1	1		VGDLESGRDLR
☑ 2117			1702.9253		0	38	0.64	1		ISFIINNISAANVEAK
698			1130.5567			38	1.2	1		EPLSPASTSSR
2155	859.9711	1717.9276	1717.9250	1.51	1	38	0.65	1		LFDVDIGGNIEKIGTK
☑ 479	514.8030	1027.5914	1027.5913	0.11	0	38	0.89	1		GLAILEDGLK
☑ 931	607.3427	1212.6708	1212.6714	-0.42	0	38	0.8	1		EAGEIELALLR
☑ 1407	660.8505	1319.6864	1319.6834	2.35	0	37	1.4	1		AAPFSOASSSVLR
≥ 860			1189.5761	-2.89	0	37	1.5	1		AAMEADIANIR + Oxidation (M)
☑ 136	386.7195	771.4244	771.4239		o	37	2.6	1		EVIGAAGR
		1500.7579		3.10	0	37	1.2	1		EASVSGSPLQLSNR
			1069.5339			37	0.96	1		ICHQVSDIR
☑ 1110		1251.6468		0.73		37	1.1	1		SVTPTSGSFTLR
☑ 67	367.6960	733.3774	733.3792			37	3.6	1		SDIMIR
	479.2842	956.5538	956.5542		0	37	1.3	1		LNIEVEIK
	569.2834	1136.5522	1136.5495	2.38	1	37	0.85	1		SSGEKNVASMK
☑ 1674			1396.7562			37	0.78	1		ADTLAVEEPLAIR
<u>2871</u> ■ 852			1186.5764		0	37	1	1		APSOCVEALNR
	486.2924				0	37	1.1			IGAIIEDIK
			1064.5978			37	0.64	1		IHEGLEVIR
☑ 177	401.2398	800.4650	800.4643			37	1.2	1		AIIIDEK
☑ 1148	632.3367		1262.6540	3.83	1	37	1.7	1		MLAAKAIDTSDK
		1069.5166		1.34	0	37	0.82	1		NPSADPSNLR
2050	841.4607	1680.9068	1680.9120	-3.07	0	37	0.77	1		MNLPLIEPDLELLR + Oxidation (M)
☑ 1868	776.4019	1550.7892	1550.7909	-1.05	1	37	1.5	1		NVSMGRSMASVIGVK + Oxidation (M)

₩	961	613.8222	1225.6298	1225.6302	-0.31	0	37	1	1	EASPPGLSAELR
	532			1059.5197		1	37	1.4	1	GTPEQTKDGK
<b></b>	868	597.2996	1192.5846	1192.5832	1.25	0	37	1.3	1	ECLEALVTGMK
8	410	489.7659		977.5182		1	37	1.9	1	KDFTSVGPK
	1156			1264.6663		0	36	1.4	1	LAISNYSVVDGK
₩	288 156		788.4034	885.4668 788.4028		1	36 36	1.2	1	QDVRSPGK IGATQDGK
₩	341		928.5590			1	36	1.3	1	KAIEVEIK
₩	281		881.4852			0	36	0.89	1	AIPDPELK
8	318	458.2610	914.5074			0	36	2.2	1	ALLDELGGK
8	261	429.7501	857.4856	857.4858	-0.19	0	36	2.5	1	AIIDEGIK
<b></b>	1123	629.2945	1256.5744	1256.5794	-3.96	0	36	0.89	1	GACFAFMNALR + Carbamidomethyl (C)
	1210			1281.6717		0	36	1.6	1	QTLGWEPVQPK
8	277	440.2197	878.4248	878.4246	0.26	0	36	2.2	1	FQSNEVR
8	600			1086.6219		1	36	2.1	1	IPSLVTRCAK EAIEGDIFSIKK
	1517 2380			1348.7238 1801.0084		1	36 36	1.6 0.69	1	LIGEVEELTETIKSLK
	2254			1758.9590		0	36	1	1	LITMLQLWDIGLAEK + Oxidation (M)
₩	948		1218.6012		1.61	0	36	1.9	1	VDADAFGAALNR
8	55	364.2224	726.4302	726.4276	3.69	0	35	1.1	1	AIGPELK
8	250	424.2125	846.4104	846.4083	2.54	0	35	2.8	1	DNAGITEK
₩	68	367.6962			2.70	0	35	5.5	1	YDPAIR
<b>W</b>	874			1193.5710		0	35	1.6	1	SMTSALEGINR + Oxidation (M)
8	35	358.1964				0	35	1.1	1	NIGGGAAR
	1561			1356.6997		1	35	2.3	1	GDEAVLRQVGEGK
₩	796			1162.5587 1428.7936		0	35 35	2.7 1.5	1	ACGLAAMAINR + Carbamidomethyl (C); Oxidation (M) SVLQSKLNGEGGLK
₩	1730 212			827.4752		0	35	1.3	1	APVTAEIK
8	272		874.5028			1	35	2.2	1	IVICSGRK
8	223			828.4453		0	34	2.9	1	KPTNONK
	1510		1347.7408		0.78	1	34	1.7	1	QIKEDLFSIQK
₩	435	499.2405				0	34	2.2	1	YGYAVPDGR
$\overline{\mathscr{C}}$	1467	670.3640	1338.7134	1338.7143	-0.66	0	34	1.8	1	QQVIPDGDINIK
8	339	465.2863				1	34	2.1	1	KIALDEIK
	1553			1355.7157		1	34	2.2	1	NERNLIVGANEK
	2049			1680.9046		0	34	1.6	1	DSLAESNGPLSPILIR
8	215	415.2291	828.4436 958.5092	828.4453		1	34	3	1	QPTKNNK
8	385 1283			958.5083 1297.6878		1	34 34	5.5	1	INDVKNEK LDELTGLVEGPR
€	191	405.2115		808.4079	0.66	0	34	2.3 3.8	1	YDGSVIR
€	246	423.2170			0.36	0	34	2.1	1	OAGWDIR
₩	221	415.2301	828.4456		0.37	1	34	3.2	1	QPTKNNK
₩.	455	505.7977	1009.5808	1009.5808	0.08	0	34	0.73	1	LKPPEGELK
8	443		1001.5516		1.11	0	34	5	1	NTLQQIASK
<b>~</b>	820	586.3071	1170.5996	1170.5993	0.32	1	34	2.3	1	RSDLPDEALR
~	360	471.7742		941.5334	0.44	0	34	0.83	1	SWPIAIAGK
8	297	450.2322		898.4508		0	34	1.4	1	AGAGGPINDK
₩	459		1011.5964	1011.5964	0.03	1	34	1.2	1	LKEVDPALK
€	370		050 5140							
2		477.2644		952.5164		1	34	1.5	1	EMKHPAIK
	699 549	566.3043	1130.5940	1130.5932	0.79	1	34	1.5	1	DVLKTVDADR
<b></b>	549	566.3043 533.3065	1130.5940 1064.5984	1130.5932 1064.5978	0.79 0.59	1		1.5		
	_	566.3043 533.3065 657.3535	1130.5940 1064.5984 1312.6924	1130.5932	0.79 0.59 3.82	1 1 0	34 33	1.5 4 1.6	1	DVLKTVDADR IHEGLEVIR
	549 1381	566.3043 533.3065 657.3535 867.9684 519.2606	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090	0.79 0.59 3.82 1.31 -2.27	1 0 0	34 33 33	1.5 4 1.6 2.2	1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEPK
<b></b>	549 1381 2190	566.3043 533.3065 657.3535 867.9684 519.2606	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090	0.79 0.59 3.82 1.31 -2.27	1 0 0	34 33 33 33	1.5 4 1.6 2.2 2	1 1 1	DVLKTVDADR HEGLEVIR SLIODGVIDEPK YVLIAGGDGTIDSVINK
* *	549 1381 2190 491 990 56	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613	0.79 0.59 3.82 1.31 -2.27 0.37 0.52	1 0 0 0 0 0	34 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7	1 1 1 1 1	DVLKTVDADR HEGLEVIR SLIODGVIDEPK YVLIAGGDGTIDSVINK ASYYTHAGR QRPOMODLR AEFRAAR
<b>X X X</b>	549 1381 2190 491 990 56 2447	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79	1 0 0 0 0 0 0	34 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4	1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEPK YVLIAGGOGTIDEVINK ASYVTHAGR QRPQMQDLR AEPHARA NAELITIQANLMPKK
	549 1381 2190 491 990 56 2447 1860	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63	1 0 0 0 0 0 0	34 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7	1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEPK YVLIAGGDGTIDEVINK ASYYIHAGR QRPONODLR AFFNAAR NAELITIQANLNPKK DEERRPAGAGELAGR
<b>X X X X X X</b>	549 1381 2190 491 990 56 2447 1860 2269	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27	1 0 0 0 0 0 0 1 1	34 33 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7	1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SILIODGVIDEPK YVLIAGGDGTIDSVINK ASYYTHAGR QPPOMODLR AEPNAAR NAELITTIQANLMPKK DPERPAGAGGELAGR MFNYFEGETALIR + Oxidation (M)
	549 1381 2190 491 990 56 2447 1860 2269	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09	1 0 0 0 0 0 0 1 1	34 33 33 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3	1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEPK YVLIAGGOGTIDEVINK ASYVIHAGR QRPQWQDLR AEPKAAR NAELITTQANLMPKK DEERRPAGAGELAGR MPRVFTEQEIALLR + Oxidation (M) IFASTAR
* * * * * * * *	549 1381 2190 491 990 56 2447 1860 2269 110 902	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130	1130.5932 1064.5978 1312.6874 1733.9200 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81	1 0 0 0 0 0 0 1 1 1	34 33 33 33 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6	1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEPK YVLIAGGDGTIDEVINK ASYYTHAGR QEPONODLR AEPNAAR NAELITIQANLMPKK DEERRPAGAGGLAGR MFRVFTEGETALLR + Oxidation (M) IPAETAR ENNALDAMQR
	549 1381 2190 491 990 56 2447 1860 2269	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130	1130.5932 1064.5978 1312.6874 1733.9200 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81	1 0 0 0 0 0 0 1 1	34 33 33 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3	1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEPK YVLIAGGOGTIDEVINK ASYVIHAGR QRPQWQDLR AEPKAAR NAELITTQANLMPKK DEERRPAGAGELAGR MPRVFTEQEIALLR + Oxidation (M) IFASTAR
* * * * * * * * *	549 1381 2190 491 990 56 2447 1860 2269 110 902 416	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748	1130.5932 1064.5978 1312.6874 1733.9200 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38	1 0 0 0 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4	1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIQDGVIDEW YVLIAGGOGTIDSVINK ASYVTHAGR QRPQWQDLR AEFRAAR NAELITIQANLMPKK DEERRPAGAGELAGR MYRVFTEGETALLR + Oxidation (M) IPASTAR RHNALDAMQR AFFTEVIR
***************************************	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294	1130.5932 1064.5978 1312.6874 1793.9200 1036.5090 1225.6316 727.3613 1850.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41	1 0 0 0 0 0 0 1 1 1 0 0	34 33 33 33 33 33 33 33 33 33 33 33 33	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4	1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIGDGVIDEPK YVLIAGGODTIDSVINK ASYYIHAGR QRPQNQDLR AEPNAAR NAELITTIQANLAPKK DPERRPAGAGELAGR MPRVFTEGETALLR + Oxidation (M) IPAETAR RENALDAMQR AFFTEVIR APVTAEIK
***************************************	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 1120 701	566.3043 533.3065 657.3584 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.8790 566.7999	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 756.4130 1204.5838 981.5250 827.4748 1332.7294 1255.6068	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812	0.79 0.59 3.82 1.31 -2.27 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41 -1.82	1 1 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.8 3.3 3.6 2.4 3 2.7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR  IHEGLEVIR  SLIGDGVIDEPK  YVLIAGGDGTIDEVINK  ASYYIHAGR  QRPQNQDLR  AEPNAAR  NAELITIQANLMPKK  DPERRPAGAGGELAGR  MPRVPTEGEIALLR + Oxidation (M)  IFASTAR  RMMALDAMQR  AFFIEVIR  AFVITAGEN  ENHALDAMQR  AFFIEVIR  AVVIAELK  KLLPPESSTSPK  RMENVHSDIR  IPEDVIDGFK
X X X X X X X X X X X X X X X X X X X	549 1381 2190 491 990 56 2447 1860 902 416 211 1453 1120 701 1084	566.3043 533.3055 567.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3203 379.2138 603.2992 491.7692 491.7692 628.8107 566.7399 625.3332	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 881.5250 827.4748 1332.7294 1255.6068 1131.5852	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41 -1.82 3.58	1 1 0 0 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 1 1 1 0 1	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3 2.7 3.2 4.6 6 2.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIGDGVIDEW YVLIAGGOGTIDSVINK ASYYTHAGR QRPQWQDLR AEFRAAR NABLITTIQANLMPKK DEERRPAGAGELAGR MGRVFTEGETALLR + Oxidation (M) IPAETAR RNNALDAMQR AFFIEVIR AFVTAEIK KLLFPESSTSSK RMENVHSDIR IPEDVIDGFK MGGAKVQMLR + Carbamidomethyl (C); Oxidation (M)
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	549 1381 2190 491 990 56 2447 1860 210 902 416 211 1453 1120 701 1084 1208	566.3043 533.3065 657.3558 867.9684 519.2606 613.8233 364.6881 920.257 959.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.7999 625.3332 428.23332	1130.5940 1064.5984 1312.6994 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 991.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1281.66518	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6671 1248.6671 1248.6671	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41 -1.82 3.58 3.79 -2.67	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 1	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 1.4 1 2.7 1.8 3.3 3.6 6 2.4 3 2.7 3.2 4.6 2.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR  IHEGLEVIR  SLIGDGVIDEPK  YVLIAGGOGTIDEVINK ASYYIHAGR  QREQNQDLR AFFRAAR  NAELITTIQANLAPEK  DEERFRAGAGELAGR MFRVFTEQETALLR + Oxidation (M) IPAETAR  RUNALDAMQR AFFEVUR AFFRAVE  AFFESTSPK  RHENVISDIR IPEDVILOPEK  MLGAKVOWLR + Carbamidomethyl (C); Oxidation (M) KDARPOQDFIK
X X X X X X X X X X X X X X X X X X X	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 1120 701 1084 1208 54	566.3043 533.3065 657.3535 867.9684 519.2606 613.2506 776.4009 379.2138 603.2992 491.7698 414.7447 667.3720 628.3720 628.332 428.2332 364.2212	1130.5940 1064.5984 1312.6994 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5938 991.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1281.6633 726.4278	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4110 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471 1281.6677 726.4276	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41 -1.82 3.58 3.79 -2.67	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 1 1 1 1 1 0 1	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3 2.7 3.2 4.6 2.8 3.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVY IHEGEVITE SLIQDGVIDEW YVLIAGGORITDSVINK ASYYTHAGR  QRPOWODLR AEPNAAR NAELITIQANLMPKK DEERRPAGGELAGR MFRVFEQETALLR + Oxidation (M) IPASTAR RENALADAMOR AFFIEVIR APVIAGIK KLLPPSSTSPK RMENVHSDIR IPEDVIDGFK MGAKVONLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK ALGERIK ALGERIK MGARVONLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK ALGERIK
	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 1120 701 1084 1208 54 248	566.3043 533.3065 657.3535 867.9684 519.2606 619.2606 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7746 667.3720 628.8107 566.7999 625.3332 428.2287 364.2212	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1281.6643 726.4278 845.4254	1130.5932 1064.5978 1312.6874 1733.9200 1025.5930 1225.6316 727.3613 1839.0224 1550.7913 1204.5805 981.5224 827.4752 1332.7289 1225.6091 1131.5812 1248.6471 1248.6471 1248.6471 1248.6477	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41 -1.82 3.58 3.79 -2.67 0.39	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3.2 2.7 3.2 4.6 6.2.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIGDGVIDEN YVLIAGGOGTIDEVINK ASYTHAGR QRPQWQDLR AEFRAAR NAELITTIQANLMPKK DEERRPAGAGELAGR MCRVFTEQEIALLR + Oxidation (M) IPAETAR RNNALDAMQR AFFTEVIR AFVIAEIK KILPFESSTSSK RHENVISDIR IPEUVLOGFK MGGAKVQMLR + Carbamidomethyl (C); Oxidation (M) KDARPOQDEIK AIGPELK EAITNGNK
	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 1120 701 1084 1208 54 248 2122	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3120 628.3107 566.7999 625.3332 428.2287 364.2212 423.7200	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1281.6618 1281.6618 1281.6618 1281.6618 1281.6618	1130.5932 1064.5978 1312.6874 1733.9200 1036.5090 1225.6316 727.3613 1839.0224 1550.7913 1767.9342 756.4130 1204.5805 981.5284 227.4752 1332.7289 12155.6091 1131.5812 1281.6677 1281.66471 1281.6677 726.4226 845.4243 1704.9884	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -3.38 -0.49 0.41 -1.82 3.58 3.79 -2.67 0.39	1 1 0 0 0 0 0 0 1 1 1 0 0 1 1 1 0 0 0 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 4.6 2.8 3.1 2.7 3.2 2.7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR  HEGLEVIR  SLIGDGVIDEPK  YVLIAGGOGTIDEVINK ASYYHAGR  QRPQNQDLR  AEPNAAR  NAELITTIOANLAPKK  DPERRPAGAGELAGR  MPKVFTEGETALLR + Oxidation (M) IPAETAR  ROMALDAMOR  AFFTEVIR  AVVTASIK  KILPPESSTSPK  RREENVISDIR  IPEDVIDGFK  M.GAKVQMLR + Carbamidomethyl (C); Oxidation (M) KNAEPOOPDIK  ATGREEK  EATTMONK  M.LLLANYTAIVDSLK
	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 1120 701 1084 1208 54 248	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3120 628.3107 566.7999 625.3332 428.2287 364.2212 423.7200	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 796.4130 1204.5838 991.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6613 726.4278 845.4254 1704.9436 1550.7820	1130.5932 1064.5978 1312.6874 1733.9200 1025.5930 1225.6316 727.3613 1839.0224 1550.7913 1204.5805 981.5224 827.4752 1332.7289 1225.6091 1131.5812 1248.6471 1248.6471 1248.6471 1248.6477	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 0.38 -0.49 0.41 -1.82 3.58 3.79 -2.67 0.39 1.39 -2.78	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3.2 2.7 3.2 4.6 6.2.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIGDGVIDEN YVLIAGGOGTIDEVINK ASYTHAGR QRPQWQDLR AEFRAAR NAELITTIQANLMPKK DEERRPAGAGELAGR MCRVFTEQEIALLR + Oxidation (M) IPAETAR RNNALDAMQR AFFTEVIR AFVIAEIK KILPFESSTSSK RHENVISDIR IPEUVLOGFK MGGAKVQMLR + Carbamidomethyl (C); Oxidation (M) KDARPOQDEIK AIGPELK EAITNGNK
X X X X X X X X X X X X X X X X X X X	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 701 1084 1208 54 248 248 2122 1858	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3207 491.7698 414.7447 667.3720 625.332 428.2287 364.2212 428.2287 776.383 405.2103	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 796.4130 1204.5838 991.5250 827.4748 1332.7294 1255.6068 1131.5852 1281.6643 726.4278 885.4254 1704.9436 1550.7820 886.4060 1273.6174	1130,5932 1064,5978 1312,6874 1733,9200 1036,5990 1225,6316 727,3613 1839,0224 1550,7913 1767,9342 756,4130 1204,5805 981,5284 827,4752 1332,7289 1255,6991 1131,5812 1248,6471 1281,6677 726,4276 845,4243 1704,9848 1550,7875 808,4079 1273,6125	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 -0.39 0.41 -1.82 3.58 3.79 -2.67 0.39 -2.78 -3.51 -2.31	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3 2.7 3.2 6.9 9 1.5 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLKTVDADR IHEGLEVIR SLIGDGVIDEN YVLIAGGOGTIDSVINK ASYYTHAGR QRPOWODLR AEFRAAR NABLITIQANLWPKK DPERRPAGAGELAGR MFRVFTEGETALLR + Oxidation (M) IPAETAR RNNALDAMQR AFFEVIR AFVTAEIK KLLPFSSTSSK RMENVHSDIR IPEUVLDGFK MEGAKVOLR + Carbamidomethyl (C); Oxidation (M) KDARPPOOPIK AIGHERM HALDHANTAIVDSLK NEGNISDMASVLER
X X X X X X X X X X X X X X X X X X X	549 1381 2190 56 2447 990 56 2447 1860 2269 110 902 211 1453 1120 1084 1208 54 1222 1858 188 188 188 188 188 188 18	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3207 491.7698 414.7447 667.3720 625.332 428.2287 364.2212 428.2287 776.383 405.2103	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 951.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1251.6643 726.4278 845.4254 1704.9436 1550.7820 808.4060 1273.6174	1130,5932 1064,5978 1312,6874 1733,9200 1036,5990 1225,6316 727,3613 1839,0224 1550,7913 1767,9342 756,4130 1204,5805 981,5284 827,4752 1332,7289 1255,6991 1131,5812 1248,6471 1281,6677 726,4276 845,4243 1704,9848 1550,7875 808,4079 1273,6125	0.79 0.59 3.82 1.31 -2.27 0.37 0.52 0.79 -2.63 2.27 -0.39 0.41 -1.82 3.58 3.79 -2.67 0.39 -2.78 -3.51 -2.31	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 .6 2.8 3.1 2.7 3.2 4.6 2.8 3.1 2.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5		DVLKTVDADR  IHEGLEVIR  SLIQDGVIDEPK  YVLIAGGOGTIDEVINK ASYVIHAGR  QRPQWQDLR AFFRAAR  NAELITTQANLMPKK  DEERRPAGAGELAGR MFRVFTEQEIALLR + Oxidation (M) IFAETAR  ENNALDANGR AFFETEVE AFVIAEIK  KILPFESSTSPK RMENVISDIR IPEDVILOFK MIGARVQNLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK ATGPELK EAITNGNK MKLEHYTATUDELK NFGRISDMASVLKR VPGGSVIR
X X X X X X X X X X X X X X X X X X X	549 1381 2190 56 2447 1990 56 2447 110 902 416 211 1453 1120 11208 54 248 248 248 2122 1858 188 188 199 199 199 199 199 19	566,3043 533,3065 567,3535 867,9684 519,2606 613,8233 364,6881 920,5207 776,4009 550,3200 379,2138 603,2992 491,7698 414,747 667,3720 628,8107 566,7999 625,3332 428,2287 364,2212 423,7200 853,4791 776,3983 405,2103 637,8160 394,2371 674,8781	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5888 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1281.643 135.7444 1281.643 1550.7820 885.4254 1704.9345 1550.7820 808.4060 1273.6174 766.4596 1347.7416	1130,5932 1064,5978 1312,6974 1733,9200 1036,5090 1225,6316 727,3613 1839,0254 1550,7913 1767,9342 756,4130 1204,5805 981,5284 827,4752 1332,7289 1255,6091 1131,5812 1248,6471 1281,6477 726,4276 845,4243 1704,9484 1550,7675 808,4079 1273,6125 766,4599	0.79 0.59 3.82 1.31 -2.27 0.52 0.79 2.81 -3.38 -0.49 1.182 3.58 -0.49 1.39 -2.67 0.39 -2.78 -3.51 3.89 -0.38	1 1 0 0 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 0 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3 3.2 4.6 2.8 3.1 1 2.8 3.1 3.6 4.3 4.3 4.4 4.6 2.8 3.1 4.6 4.6 4.6 4.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5		DVLKTVDADR IHEGLEVY IHEGLEVIT SLIQDGVIDEW YVLIAGGODTIDSVINK ASYTHAGR  QRPOWODLR AEPHAAR NAELITIQANLMPKK DEERRPAGGELAGR MFRVFTEGETALLR + Oxidation (M) IPASTAR RENALDAMOR AFFTEVIR AVVTAEIK KLLPPSSTSFK RMENVHSDIR IPEDVIDGFK MGGAKVGMLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK ALGREEK EAITNGNK MKLEHNYTAVDSLK NNGMISDMASVLKR YDGGVUR SMALDNAPUR SMALDNAPUR SMALDNAPUR SMALDNAPUR SMALDNAPUR SMALDNAPUR IMAALASK LAERUSSFIQGK
X X X X X X X X X X X X X X X X X X X	549 1381 2190 491 990 56 2249 110 2269 111 1453 701 1084 248 2122 248 2122 8188 1190 153 153 1511 1897	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.3732 428.2287 364.2212 423.7200 653.4791 776.3983 405.2103 637.8160 394.2371 674.8781 784.3999	1130.5940 1064.5984 13312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5938 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1281.6643 726.4278 845.4254 1704.9936 1550.7820 808.4060 1273.6174 766.4596 1347.7416 1566.7838	1130.5932 1064.5978 1312.6874 1733.9200 1035.5990 1225.6316 727.3613 1839.0224 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471 1281.6677 726.4276 845.4243 1704.9484 1550.7875 808.4079 1273.6125 766.4599 1273.6125 766.4599	0.79 0.59 3.82 1.31 -2.27 0.05 2.27 0.09 -2.63 3.58 -0.49 -1.82 3.58 -0.49 -1.82 3.58 -0.49 -2.67 0.41 -1.82 3.59 -2.67 0.39 -2.67 0.39 -2.67 0.39 -2.63 3.59 -2.63 3.59 -2.63 3.59 -2.63 3.59 -2.63 -2.78 -3.51 -3.38 -3.38 -3.39 -3.43 -3.51 -3.38 -3.39 -3.43 -3.51 -3.63	1 1 0 0 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 6 2.4 3 2.7 3.2 4.6 6.9 1.5 5 5.4 3.6 6 1.4 2.8		DVLKTVDADR IHEGLEVIR SLIGDGVIDEN YULIAGGOGTIDSVINK ASYYTHAGR QRPOWODLR AEFRAAR NABLITIQANLWPKK DEERRPAGAGELAGR MFRVFTEGETALLR + Oxidation (M) IPAETAR RANALDAMQR AFFEVIR AFVTAEIK KLLFPESSTSPK KMENVHSDIR IPEDVIDGFK MEGAKVOLR + Carbamidomethyl (C); Oxidation (M) KDARPPORDIE AIGCELK EAITNCHK MILLENTALVDSLK NGGH SDMASVLER YDGSVIR SHALDARDIR INAALASK LAERDLSFIQK VAEFFEALAMLEGR
	549 1381 2190 491 990 56 2447 1860 2269 110 902 416 211 1453 1120 701 1084 1208 54 2248 2122 1858 190 153 1511 153 1511 1897 835	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.7999 625.3332 428.2287 364.2212 423.7200 853.4791 776.3203 637.8160 394.2371 674.8791 774.8791 774.8791	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 991.5250 827.4748 1332.7294 1255.6068 1131.5852 1248.6518 1281.6643 726.4278 845.4224 1704.9436 1550.7820 808.4060 1273.6174 766.4396 1347.7416 1566.7838	1130.5932 1064.5978 1312.6874 1733.9200 1025.5930 1225.6316 727.3613 1839.0224 1550.7913 1767.9342 1767.9342 1320.789 1332.782 1332.782 1332.782 1332.783 1248.6471 1281.6677 726.4276 845.4243 1704.9844 1550.7875 808.4079 1273.6125 786.4599 1347.7398 1566.7831 1177.5761	0.79 0.59 3.82 1.31 -2.27 0.52 2.27 0.52 2.27 0.41 -3.38 -3.38 -2.67 0.41 -1.82 3.79 -2.67 0.41 -1.82 3.79 -2.67 0.38 -3.38 -2.67 0.41 -1.82 3.79 -2.67 0.41 -1.82 3.79 -2.67 0.87 -2.67 -2.67 0.87 -2.67 -2.57 -2.	1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3 3.2 2.7 3.2 4.6 2.8 3.1 1 2.5 5 5 4 6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5		DVLKTVDADR IHEGLEVIR SILIDGVIDEPK YVLIAGGOGTIDEVINK ASYVIHAGR QPPQWQDLR AEFRAAR NAELITTQANLMPKK DEERRPAGAGELAGR MFRVFTEQEIALLR + Oxidation (M) IPASTAR RENALDAMOR AFFEVIR APVTAEIK KLLFPESTSPK RMERVYSDIR IPEDVILOFK MIGARVQMLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK AIGPELK EAITNORK MICHENTYATUSELK NIPGNISDMASVLKR YDGSVIR SMALDWAPDIR INAALSK LAEKOLSFIQOK VAREFSALAWLEGR MAAINTIGDUR + Oxidation (M)
	549 1381 2190 56 2269 900 56 110 902 416 211 110 902 416 211 1084 1208 54 248 248 188 190 153 1511 1897 1897 1897 1897 1897 1897 1897 18	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.7999 625.3332 428.2287 364.2212 423.7200 8593.4791 776.3983 405.2103 637.8160 394.2371 674.8781 784.3992 589.7942	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5238 827.4748 1332.7294 1225.6068 1131.5852 1248.6518 1291.6643 726.4278 845.4254 1704.9436 1550.7820 808.4060 1273.6174 766.7838 1177.5738 1174.5918	1130.5932 1064.5978 1312.6874 1733.9200 1036.5990 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6991 1131.5812 1248.6471 1281.6677 726.4276 845.4243 1704.9484 1550.7875 808.4079 1273.6125 786.4599 1347.7398 1567.7871	0.79 0.59 3.82 1.31 -2.27 0.52 2.27 0.79 -2.63 2.27 0.49 0.41 -2.67 0.39 1.35 -2.67 0.39 -2.78 0.39 -2.78 0.39 -2.78 0.39 -2.78 0.39 -2.78 0.39 -2.78 0.39 -2.78 0.39 -2.79 -2.81 -3.89 -	1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 2.7 3.2 4.6 6 2.8 3.1 2 6.9 1.5 5 5 5 4.4 4.3 6 4.4 4.6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		DVLKTVDADR IHEGLEVT SLIQDGVIDEK YVLIAGGOGTIDSVINK ASYYTHAGR QRPQMQDLR AEPNAAM NAELITIQANLMPKK DEERRAGAGELAGR MFRVFTEQETALLR + Oxidation (M) IFASTAR RHNALDAMQR AFFTEVIR APVTAEIK KILPPSSTSFK RMENVHSDIR IPEDVIDGFK MLGAKVCWLR + Carbamidomethyl (C); Oxidation (M) KDARPPQDPIK AIGNEK EAITNENK MLLEHYTAIVBLK NFGNISDMASVLKR YDGSVIR SHALDWAPDTR INAALASK LLEKDISFIQGK VAEPFSALAWLSGR MAAINITGDIR + Oxidation (M) CISLSTEAGGKIGGGR
	549 1381 1381 1990 491 1990 2269 2269 202 416 110 202 416 121 121 121 121 121 121 121 121 121 1	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.7999 625.3332 428.2287 364.2212 423.7200 853.4791 776.3993 405.2103 637.8160 394.2371 674.8781 674.8781 674.8781 674.8781 674.8781 674.8837	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294 1225.6068 1131.5852 1248.6518 1281.6643 726.4278 885.4226 1704.936 1550.7820 887.4746 1550.7820 8885.4254 1704.936 1376.4596 1347.7416 1566.7416 1376.7416 1376.7416 1376.7416 1376.7418 1376.7418 1376.7418	1130, 5932 1064, 5978 1312, 6874 1733, 9200 1025, 5930 1225, 6316 727, 3613 1839, 0224 1550, 7913 1767, 9342 756, 4130 1204, 5805 981, 5284 827, 4752 1332, 7289 1255, 6091 1131, 5812 1248, 6471 1281, 6677 726, 4276 845, 4243 1704, 9884 1550, 7875 808, 4079 1273, 6125 786, 4599 1273, 6125 786, 4599 1274, 6125 7874, 6125 787	0.79 0.59 3.82 1.31 -2.27 0.52 0.52 2.27 0.41 -3.38 -0.41 -1.82 3.79 -2.67 0.39 -2.67 0.39 -2.67 0.39 -1.39 -2.67 0.39 -2.67 -2.67 0.39 -3.15 -2.31 3.89 -3.40 -3.40 -3.40 -3.40 -4.60 -4.60 -5.	1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3 3.2 2.7 3.2 2.6 9.9 1.5 5.4 3.6 4.6 2.8 4.6 3.3		DVLKTVDADR IHEGLEVIR SLIGDGVIDEN YULIAGGOGTIDEVINK ASYTHAGR GRPQWQDLR AFFRAAR NAELITTIQANLMPKK DEERRAAGGELAGR MCRVFTEQEIALLR + Oxidation (M) IDAETAR RNNALDAMGR AFFTEVIR APVTAEIK KILPPESSTSVK RHENVISDIR IPEDVILOFK MGAKVOMLR + Carbamidomethyl (C); Oxidation (M) KDARPOQDEIK AIGPELK EAITNONK MCLPLAYTALVDSLK NGGNISDMASVLER YDGSVIR SMALDNAPDLR INAALASK LAEKDLSFIGGK YAEPFSALAMLSGR MAAINTTGUER + Oxidation (M) CISLSIERGGKNIGUGR ELLKDIFFDIER
	549 1381 2190 491 990 56 56 110 902 416 902 416 1208 54 1120 701 1084 1222 1858 189 190 153 1511 1897 835 2213 835 2213	566,3043 533,3065 657,3535 867,9684 519,2606 613,8233 364,6881 920,5207 776,4009 590,32092 491,7698 414,7447 667,3720 628,8107 566,7999 625,3332 428,2287 428,2287 428,7200 838,4791 776,3983 464,2212 627,8780 6394,2316 674,8781 784,3992 874,4667 695,8837 877,9757	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294 1255.6068 1331.7592 1248.6518 1281.6643 726.4278 845.4254 1704.9345 1550.7820 889.4060 1273.6174 766.7838 1347.7416 1566.7838 1347.7416 1566.7838 1347.7416 1567.7820	1130.5932 1064.5978 1312.6974 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471 1281.6677 726.4276 845.4243 1704.9484 1550.7875 808.4079 1273.6125 766.499 1273.6125 766.499 1273.6125 766.7831 1177.5761 1177.5761 1177.5761 1177.5761 1177.5761 1177.5761 1177.5761 1177.5761 1177.5761	0.79 0.59 0.59 3.82 1.31 -2.27 0.52 2.63 2.27 0.09 2.81 3.58	1 1 0 0 0 0 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 4.6 2.8 3.1 2.7 3.2 4.6 2.8 3.1 1.5 5 5 5 5 5 4 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		DVLKTVDADR IHEGLEVT SLIQDGVIDEK SLIQDGVIDEK SVLIAGGORTIDSVINK ASYSTHARR QRPOWQDLR AEPNAAR NAELITIQANLMPKK DDERRPAGAGELAGR MFRVFTEQETALLR + Oxidation (M) IPASTAR RENALDAMQR AFFTEVIR APVTASIK KLLPPSSTSFK RMENVHSDIR IPEDVIDGFK MGAKVONLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK AIGPELK EAITNENK MCLHANTATUDSLK NEGHISTANASVLER VDGSVIR SMALDMAPDIR INAALSK LAERDGSFIGGK VAEFFSALMANSGR MAANTTODLR + Oxidation (M) CISLSIEAGQKIGIGGR EILMOIFOIR TTVLEGAMNISTER + Oxidation (M)
	549 1381 1381 990 491 990 2269 110 902 416 110 1202 111 1453 1120 110 121 1453 1120 121 1453 1120 121 1388 188 188 188 189 199 199 199 1	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 666.3792 628.8107 566.767.3720 628.8107 566.3720 628.8107 639.42212 423.7200 653.4791 776.3983 405.2103 637.8160 394.2371 674.8781 787.9792 589.7942 877.467 695.8837 877.9757 560.7669	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5938 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1281.6643 726.4278 845.4254 1704.9936 1350.7320 808.4060 1273.6174 786.4596 1347.7416 1566.7838 1177.5738 1746.9188 1374.9193 1746.9188 1374.9193	1130.5932 1064.5978 1312.6874 1733.9200 1035.5990 1225.6316 727.3613 1839.0224 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471 1281.6677 726.4276 845.4243 1704.984 1550.7875 808.4079 1273.6125 766.4599 1347.798 1566.7831 1174.912 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1399.7504 1746.9120 1399.7504	0.79 0.59 0.59 0.59 1.31 -0.37 0.52 2.67 2.67 0.09 2.81 -1.82 3.58 -0.49 1.39 -2.67 -2.63 1.39 -2.78 -2.31 1.39 -2.31 1.39 -1.40 1.39 -1.61 -1.82	1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3.3 3.2 2.7 3.2 2 4.6 2.8 3.1 2.5 5.4 3.1 2.8 4.2 3.3 3.6 4.6 3.1 2.8 3.1 3.6 4.6 3.7 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6		DVLKTVDADR IHEGLEVIR SLIGDGVIDEN YULIAGGOGTIDSVINK ASYYTHAGR QRPOWODLR AEFRAAR NABLITIQANLWPKK DPERRPAGAGELAGR MFRVFTEGETALLR + Oxidation (M) IPAETAR RANALDAMQR AFFIEVIR AFVTAEIK KLLPFSSTSSK RMENVHSDIR IPEUVLDGFK MEGAKVOLR + Carbamidomethyl (C); Oxidation (M) KDARPPOOPIK AIGURE EAITNCNK MKLPLHYTAIVOSLK NGGNISDMASVLER YDGSVIR SHALDAMAPDIR INAALASK LAEKDLSFIQGK YAEFFSALAMLEGR MAAINTTGDLE + Oxidation (M) CISLSTERAGKRIGGR EILHOIFPIRE THTVLSGANISTLFR + Oxidation (M) ADCEVYVLDR
	549 1381 2190 491 990 56 56 110 902 416 902 416 1208 54 1120 701 1084 1222 1858 189 190 153 1511 1897 835 2213 835 2213	566,3043 533,3065 573,3535 867,9684 519,2606 613,8233 364,6881 920,5207 776,4009 590,3209 491,7698 414,747 674,3720 628,8107 566,7999 625,3332 423,7200 853,4791 776,3983 405,2103 637,8160 394,237 844,248,248 874,48781 784,3992 884,3992 884,3992 874,667	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 981.5250 891.5250 891.5250 891.5250 1244.5838 981.5250 1244.5838 1332.7294 1255.6068 1313.5852 1248.6518 1281.6643 726.4278 885.4254 1704.9345 1550.7820 888.4060 1273.6174 786.4596 1347.7416 1566.7838 1177.5738 1746.9188 1389.7528 1753.9368 1119.5192 1334.7134	1130,5932 1064,5978 1312,6974 1733,9200 1025,6316 727,3613 1839,0254 1550,7913 1767,9342 756,4130 1204,5805 981,5284 821,248,6471 1248,6471 1281,6677 726,4276 845,4243 1704,9848 1550,7875 886,4679 1273,6125 786,7831 1177,5761 1746,9120 1389,7504 1753,9397 1119,5230 1124,7139	0.79 0.59 0.59 0.59 1.31 0.52 2.27 0.37 0.52 2.63 2.27 0.09 2.81 -1.82 3.58 3.58 3.58 3.59 3.59 2.27 0.39 -2.78 3.59 3.69 1.39 -2.78 3.89 3.90 1.30 1.31 1.32 3.90 1.31 1.32 3.90 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.3	1 1 0 0 0 0 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 4.6 2.8 3.1 2.5 5 5 5 5 4.6 2.8 3.1 1.2 6 9 9 9 1.5 5 5 5 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9		DVLKTVDADR IHEGLEVT SLIQDGVIDEK SLIQDGVIDEK SVLIAGGORTIDSVINK ASYSTHARR QRPOWQDLR AEPNAAR NAELITIQANLMPKK DDERRPAGAGELAGR MFRVFTEQETALLR + Oxidation (M) IPASTAR RENALDAMQR AFFTEVIR APVTASIK KLLPPSSTSFK RMENVHSDIR IPEDVIDGFK MGAKVONLR + Carbamidomethyl (C); Oxidation (M) KDARPDQDPIK AIGPELK EAITNENK MCLHANTATUDSLK NEGHISTANASVLER VDGSVIR SMALDMAPDIR INAALSK LAERDGSFIGGK VAEFFSALMANSGR MAANTTODLR + Oxidation (M) CISLSIEAGQKIGIGGR EILMOIFOIR TTVLEGAMNISTER + Oxidation (M)
	549 1381 1381 1990 491 990 166 2447 1860 110 902 2417 1860 211 1453 1453 188 188 188 188 188 1897 1990 1533 1551 1990 1553 1551 1657 2243 16567 16430	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.7999 625.3332 428.2287 364.2212 423.7200 638.34791 776.3933 405.2103 637.8160 394.2371 674.8781 784.3992 589.7942 874.4667 695.8837 877.9757 560.7669 663.3640	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 991.5250 827.4748 1332.7294 1225.6068 1131.5852 1288.6518 1291.6643 726.4278 865.4254 1704.9436 1550.7820 886.4060 1273.6174 766.4596 1273.6174 7746.9188 1397.7528 1774.5918 1374.7918 1374.7918 1374.7918 1375.9192 1374.7134	1130.5932 1064.5978 1312.6874 1733.9200 1035.5990 1225.6316 727.3613 1839.0224 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471 1281.6677 726.4276 845.4243 1704.984 1550.7875 808.4079 1273.6125 766.4599 1347.798 1566.7831 1174.912 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1746.9120 1399.7504 1746.9120 1399.7504	0.79 0.59 1.31 1.31 7.052 0.52 0.09 2.27 0.09 2.27 0.09 2.33 3.79 7.263 3.79 7.263 1.39 7.39 1.39 7.31 1.31 1.31 1.32 1.33 1.39 1.39 1.39 1.39 1.39 1.39 1.39	1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2 2.7 2.7 1.8 3.3 3.6 2.4 3 3.2 2.7 3.2 4.6 2.8 3.1 1 2.5 5 5 4.6 2.8 3.1 1 2.8 3.6 2.8 3.6 2.8 3.1 2.7 2.8 3.6 3.6 3.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4		DULKTUDADR IHEGLEVIR SLIQDGVIDER YULLAGGORTIDSVINK ASYTHAGR  QRPOWODLR AEPHAAR NAELITIQANLMPKK DEERRAGGELAGR MERVFEOGETALLR + Oxidation (M) IPASTAR RONALDAMOR AFFIEVIR APVTAEIK KILPESSTSPK RMENVHSDIR IPEDVIDGFK MGGAKVGMLR + Carbamidomethyl (C); Oxidation (M) KDARPODPIK AIGPELK EAITNENK MKLEHYTALVDSLK NGGHISDMASVLKR YDGSVIR SMALDWAPDIR INAAIASK LAERDLSFIQGK YAEPFSALAMLGGR MAAINTGDLR + Oxidation (M) CISLSIEAGGKIGIGGR EILKOIPFDIER TMYLSGAKNISTLFR + Oxidation (M) ADCEVIVLOR
	549 1381 491 990 1860 56 2447 1860 902 211 1453 151 152 1858 188 54 248 248 151 190 153 151 190 835 2213 835 2223 670 670 628	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3720 628.8107 566.7999 625.3332 428.2287 3344.2212 423.7200 853.4791 776.3993 405.2103 637.8160 394.2371 674.8791 674.8791 674.8791 675.9795 685.3364 695.8837 877.9757 563.3640 551.7682	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294 1225.6068 1131.5852 1248.6518 1281.6643 726.4278 885.4254 1704.936 1550.7820 887.4574 174.5788 174.5788 174.5788 174.5788 174.5788 174.5788 174.5788 174.5788 175.5	1130, 5932 1064, 5978 1312, 6874 1733, 9200 1036, 5990 1225, 6316 727, 3613 1839, 0224 1550, 7913 1767, 9342 756, 4130 1204, 5805 981, 5284 827, 4752 1332, 7289 1255, 6091 1131, 5812 1248, 6471 1281, 6677 726, 4276 845, 4243 1704, 9484 1550, 7875 808, 4079 1273, 6125 786, 4599 1347, 7398 1566, 7831 1177, 5761 1746, 9120 1389, 7504 1753, 9397 1119, 5230 1324, 7139	0.79 0.59 0.59 0.59 1.31 -0.37 0.52 0.79 -2.63 2.27 0.09 2.81 -1.82 3.58 3.58 3.58 3.59 3.42 3.58 3.58 3.64 3.9 -2.67 0.41 -1.82 3.58 3.58 3.68 3.69 3.18 0.49 1.39 -2.67 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30	1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 2.7 3.2 4.6 6 2.8 3.1 1 2.5 5 5 5 5 1.4 3.6 9 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5		DVLKTVDADR IHEGLEVY SILODGVIDEK SYLIAGGORTIDSVINK ASYSTHACR ORPOWODLE ALENAAR NAELITIQANLMPKK DEERRPAGAGELAGR MFRVFTEGETALLR + Oxidation (M) IPASTAR RONALDAMOR AFFTEVIR APVIASIK KLLPPSSTSPK RMENVISDIR IPEDVILOFK MLGAKVOLR + Carbamidomethyl (C); Oxidation (M) KDARPOODPIK AIGPELK EAITNGNK MCLHANTATUDSLK NEGHISDMASVLKR TOGSVIR SMALDMADDIR INAALSK LAEKDLSFIGGK VAEFPSALMISGR MAAINTGDLE + Oxidation (M) CISLSIEAGOKIGICGR EILMOIFOUR EILMOIFOUR TITVLSGANISTIFF + Oxidation (M) ADCEVIVLOR FIAGGEVITE ESADAFHGLR SGALLDEDGK
	549 1381 1381 1990 2447 110 2269 110 2269 110 211 1453 1120 701 1285 1248 1218 1218 1381 153 1551 1897 1657 1430 1657 1430 1430 1430 1430 1430 1430 1430 1430	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3792 628.8107 566.7393 428.2287 364.2212 423.7200 853.4791 776.3933 405.2103 637.8160 394.2371 674.87392 589.7942 877.9757 560.7669 663.3640 551.7682 502.7469 615.17682 502.7469 615.17682	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1281.6643 726.4278 864.4254 1704.9436 1550.7820 808.4060 1273.6174 746.9188 1397.7528 1397.7538 1177.538 1177.538 1174.9188 1399.7528 1199.5338	1130.5932 1064.5978 1312.6874 1733.9200 1035.5990 1225.6316 727.3613 1839.0254 1550.7913 1767.9942 756.4130 1204.5805 981.5284 827.4752 1331.7891 1281.6677 726.4276 845.4243 1750.7875 808.4079 1273.6125 766.4599 1373.6125 766.4599 1373.6125 766.4599 1373.6125 766.4599 1373.6125 766.7831 1177.5761 1746.9120 1389.7504 1753.9397 1119.5230 1324.7139 1101.5203 1324.7139 1101.5203 1203.4822 1203.4822 1203.4822 1203.4822 1203.4826	0.79 0.59 0.59 0.59 1.31 -0.37 0.52 0.79 0.09 2.81 -0.49 0.41 -1.82 3.58 0.39 1.39 -2.67 0.39 1.39 -1.40 -1.81 1.38 -1.92 -1.63 -1.6	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 3.3 2.7 3.2 4.6 2.8 3.1 2.8 4.2 2.8 4.6 3.1 2.8 3.3 3.1 4.6 3.1 4.6 4.6 3.7 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6		DVLKTVDADR IHEGLEVIR SLIGDGVIDEN SLIGDGVIDEN YVLIAGGOGTIDSVINK ASYYTHAGR QRPOWODLR AEFRAAR NABLITIQANLWPKK DEERRAAGGELAGR MFRVFTEGETALLR + Oxidation (M) IPAETAR RANALDAMQR AFFIEVIR AFVTAEIK KLLPFESSTSPK KMENVHSDIR IPEDVIDGFK MEGAKVOMLR + Carbamidomethyl (C); Oxidation (M) KDARPPOOPIK AIGUEKK EAITNENK MILLENTALVDSLK NOGNI SDMASVLER YDGSVIR SHALDARDIR INAALASK LAERDLSFIQK VAEFFEALANLEGR MAAINTTGDLR + Oxidation (M) CISLSTEAGOKIGGR EILKDIFDIER TITVLSGANNISTLFR + Oxidation (M) ADCEVYULDR FIAGGEKTITR ESAADHGLR SGALLDEDOK CALIARANFPINGR
	549 1381 1381 1990 2447 110 2269 110 2269 110 211 1453 1120 701 1285 1248 1218 1218 1381 153 1551 1897 1657 1430 1657 1430 1430 1430 1430 1430 1430 1430 1430	566.3043 533.3065 657.3535 867.9684 519.2606 613.8233 364.6881 920.5207 776.4009 590.3200 379.2138 603.2992 491.7698 414.7447 667.3792 628.8107 566.7393 428.2287 364.2212 423.7200 853.4791 776.3933 405.2103 637.8160 394.2371 674.87392 589.7942 877.9757 560.7669 663.3640 551.7682 502.7469 615.17682 502.7469 615.17682	1130.5940 1064.5984 1312.6924 1733.9222 1036.5066 1225.6320 727.3616 1839.0268 1550.7872 1767.9382 756.4130 1204.5838 981.5250 827.4748 1332.7294 1255.6068 1131.5852 1281.6643 726.4278 864.4254 1704.9436 1550.7820 808.4060 1273.6174 746.9188 1397.7528 1397.7538 1177.538 1177.538 1174.9188 1399.7528 1199.5338	1130.5932 1064.5978 1312.6974 1733.9200 1036.5090 1225.6316 727.3613 1839.0254 1550.7913 1767.9342 756.4130 1204.5805 981.5284 827.4752 1332.7289 1255.6091 1131.5812 1248.6471 1281.6677 726.4276 845.4243 1704.9484 1550.7875 808.4079 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 766.499 1273.6125 7764.9120 1389.7504 1775.9704	0.79 0.59 0.59 0.59 1.31 -0.37 0.52 0.79 0.09 2.81 -0.49 0.41 -1.82 3.58 0.39 1.39 -2.67 0.39 1.39 -1.40 -1.81 1.38 -1.92 -1.63 -1.6	1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	1.5 4 1.6 2.2 2.7 2.7 1.4 1 2.7 1.8 3.3 3.6 2.4 2.7 3.2 4.6 2.8 3.1 1 2.5 5 5 5 4.2 4.3 3.6 1.2 2.8 3.1 2.7 3.6 4.3 3.6 4.3 3.6 4.3 3.6 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3		DVLKTVDADR IHEGLEVY SILODGVIDEK SYLIAGGORTIDSVINK ASYSTHACR ORPOWODLE ALENAAR NAELITIQANLMPKK DEERRPAGAGELAGR MFRVFTEGETALLR + Oxidation (M) IPASTAR RONALDAMOR AFFTEVIR APVIASIK KLLPPSSTSPK RMENVISDIR IPEDVILOFK MLGAKVOLR + Carbamidomethyl (C); Oxidation (M) KDARPOODPIK AIGPELK EAITNGNK MCLHANTATUDSLK NEGHISDMASVLKR TOGSVIR SMALDMADDIR INAALSK LAEKDLSFIGGK VAEFPSALMISGR MAAINTGDLE + Oxidation (M) CISLSIEAGOKIGICGR EILMOIFOUR EILMOIFOUR TITVLSGANISTIFF + Oxidation (M) ADCEVIVLOR FIAGGEVITE ESADAFHGLR SGALLDEDGK

<b>W</b>	413	490.7379	979.4612	979.4644	-3.25	0	32	4.9	1	TGSAAMEAVK + Oxidation (M)
<b>W</b>	621	549.7706	1097.5266	1097.5288	-1.94	0	32	2.9	1	GVLCHGEDLR
<b>W</b>	867	398.5350	1192.5832	1192.5870	-3.20	1	32	4.4	1	SLNSAVSKCER
8	2010	827.4327	1652.8508	1652.8562	-3.26	1	32	4.4	1	GKADYWLVGEFLQK
<b></b>	141	388.7009		775.3865			32	8	1	WTADKVG
8	953	611.3035	1220.5924	1220.5958	-2.78	0	31	5	1	LDLSLSLCDDK
W	315		910.5484			0	31	1.2	1	QALIPELK
₩	2156		1717.9284			1	31	2.6	1	KAVVDGFEVVSVAEAAK
<b>E</b>	833		1177.5732			0	31	5.7	1	DGFSAGELGGLR
8	941		1215.6218			0	31	5.2	i	GDVIEVFPANR
8			875.4380			0	31	7.3	i	NSSVDLNK
	273					1			1	
₩	1074		1242.6920				31	4.1		EAKQALNALSAK
<b>W</b>	42	359.1880	716.3614	716.3639		0	31	6.7	1	CSPAAIR
8	1873		1554.8872		0.26	0	31	1.7	1	EIALTPGLSLTAEIK
<b>W</b>	1050		1234.6562		0.42	1	31	5.9	1	YPRTLETDLK
8	1866		1550.7888			1	31	5.5	1	NFGNISDMASVLKR
w	573		1074.4844			1	31	2.5	1	GVMPPCGRCR
₩.	1521		1350.6918			1	31	6.3	1	MGNSKVVFVDQK
<b>W</b>	531		1059.5180		-1.49	1	31	4.8	1	GELKEENGGK
$\forall$	685	565.2732	1128.5318	1128.5281	3.36	1	31	3.5	1	RMPHTGGMSR
8	810	584.2970	1166.5794	1166.5754	3.48	0	31	7.1	1	ATDGIMSGFLR
₩	1360	436.5580	1306.6522	1306.6486	2.76	1	31	6.1	1	MLCRAQVSDLR + Oxidation (M)
<b>W</b>	580	541.2806	1080.5466	1080.5451	1.41	0	31	5.6	1	LNSLESFSGK
8	790	580.7881	1159.5616	1159.5621	-0.43	1	31	6.1	1	DWKEEALNR
w	348	467.2374				1	31	4.9	1	AIGCSRGGR + Carbamidomethyl (C)
8	299	450.2815	898.5484			1	31	3.2	1	AITKELPK
₩	2316		1773.9570			1	31	3.7	1	VMDILKQISALIGDDK + Oxidation (M)
₩	2222		1748.9294			0	31	4.1	1	YVVSIGACATAGGLQALR
<b>E</b>	1106		1249.6418			0	31	6.3	ī	YILPNMINEK + Oxidation (M)
8			1744.9784			1	31	2.2	i	FKNIIYYSTIVVSAK
	2212									ASPKNDTSDK
8	537		1061.5016			1	31	3.9	1	
9			1355.7166			1	30	5.2	1	RSLNPDGLDLTR
<b>(4)</b>	378		955.5704			1	30	3.8	1	KITAEPIGK
$\mathbb{F}$			1380.6450			1	30	4.8	1	CEAQQYKEVQR
w	1505		1347.7390			0	30	4.1	1	<pre>ISCILSSIQSIK + Carbamidomethyl (C)</pre>
8	1414	662.3326	1322.6506	1322.6507	-0.00	0	30	6.3	1	ENEFGIQVYPK
4	200	407.7246	813.4346	813.4344	0.25	1	30	5.3	1	DPDIKAR
₩.	1013	613.8235	1225.6324	1225.6350	-2.07	1	30	5.4	1	CALPGGVGRGSPR
<b>W</b>	1767	739.3801	1476.7456	1476.7460	-0.24	1	30	6.8	1	ADGKPVDEYLDKK
8	306	453.2378	904.4610	904.4614	-0.38	0	30	6.2	1	LLNDTSSR
<b>W</b>	1924	790.4513	1578.8880	1578.8842	2.45	1	30	2	1	QAQGQKHQLTTVLK
₩.	546	533.3061	1064.5976	1064.5978	-0.17	0	30	3.8	1	IHEGLEVIR
w	1971		1607.8016			0	30	6.2	1	HVDDAVANGASVLAGGR
8	1446		1331.6288			1	30	5.4	1	TRFPCPSNPEK + Carbamidomethyl (C)
₩	41	358.2095	714.4044	714.4024		1	30	23	1	NNIKAVG
8	561		1069.5306			1	30	5.6	1	CLHKGEDLR
V	784		1158.6002		0.83	1	30	8	1	VDLSRDELGR
₩	697	566 2860	1130.5574	1130.5567	0.62	0	30	6.9	1	EPLSPASTSSR
₩	753		1147.5258			0	30	5.1	1	VQELNMQDR + Oxidation (M)
8	45	361.2038	720.3930	720.3918	1.67	0	30	14	1	YAIAGAR
<b>2</b>	2154		1717.9270		3.01	1	30	3.8	ī	MVDIISLGIMRGLER + Oxidation (M)
	_		1147.5272			0	30	4.2	1	TLGDCEANLR + Carbamidomethyl (C)
	754		1059.5200		0.37	1	30	6.6	1	GTPEQTKDGK + Carbamidomethyl (C)
8	533					1			1	
8	352	469.7817	937.5488	937.5457	3.32		30	2.4		HALRGSGLK
4	2121		1704.9426			1	30	2.7	1	EFKAVVLGMGVLVDTK
~	1083		1248.6246			1	30	8.1	1	AEANAPMVRYK
<b>W</b>	1589		1367.7446			1	30	4.2	1	KPDIEEIRGSPK
₩.	571	537.7698	1073.5250	1073.5254	-0.35	0	30	7	1	DATTGFGHLR
<b>W</b>	748	571.3024	1140.5902	1140.5928	-2.20	0	30	5	1	VDIAWLPDGR
$\overline{\mathscr{C}}$	1608	688.3740	1374.7334	1374.7354	-1.44	1	30	7.2	1	SSLDKEIESVLR
4	794	581.7965	1161.5784	1161.5778	0.54	0	30	9.3	1	SAGWAEVSSLR
₩	1280	649.8474	1297.6802	1297.6765	2.88	0	30	5.3	1	LEEIIEVDNPK
<b>W</b>	1005	613.8234	1225.6322	1225.6350	-2.23	1	30	5.9	1	RMDVGGLGHLR + Oxidation (M)
8	1477		1340.7004			0	30	5.7	1	IANGVDAVEAINR
<b>W</b>	677		1122.5524			0	30	8.6	1	SDEISFLANK
8	276	439.7223	877.4300	877.4327	-3.07	0	30	15	1	MAEISVGR + Oxidation (M)
w	853	594.3046	1186.5946	1186.5942	0.37	1	30	6.9	1	VDIAGEGDQRK
₩.	618	548.7907	1095.5668	1095.5673	-0.38	0	30	5.2	1	SPINPGQDLR
w	319		914.5076			0	30	10	1	SPLAASEIK
8	171		799.4190			0	30	5.8	ī	TPGETAGR
	807		1164.5622			0	29	7.7	i	DEELAAYLNK
							29		i	RMSHSVSGPIR
<b>2</b>	980 1353		1225.6316		1.97	0	29	6.3 8.4	,	RMSHSVSGPIK FI,OTKPFYRK
6.5			1118.5570				29		,	FLQTRPFYER TILIEMEEAA
8			1353.7450				29 29	7.9	1	TILIEMEEAA LDELAKIVNPDK
	1533									
	1400		1316.7388	1316.7340	3.70	1	29	3.7	1	KIPEDFLNTIK
8		484.7795	967.5444	967.5451			29	4.3	1	PGKLSDVPR
	1147		1262.6584				29	9.4	1	YNATTGALTPVR
	1224		1283.6866				29	6.4		VVGQEPTGQTIR
$\forall$			1177.5720				29	8.6		NSSLASELAMR
w	64	366.6983	731.3820	731.3814		1	29	24	1	KDGGIDK
₩	419	492.7901		983.5651		0	29	4.2	1	PLTDGQLLK
<b>W</b>	39	358.2088	714.4030	714.4024		0	29	27	1	IAGVEAR
8	1596	457.9210	1370.7412	1370.7380	2.31	0	29	7.1	1	AIAEWCLPSLLR
						1	29	9.6	1	VPSDKETDAIR
<b>W</b>	1033	410.8828	1229.6266	1229.6252		-				
		410.8828 685.8668					29		1	KPTDSNNALVSPK
8	1033	685.8668	1369.7190	1369.7201	-0.78	0		7.8	1	KPTDSNNALVSPK GTENPEINR
8	1033 1592 481	685.8668 515.2509		1369.7201 1028.4887	-0.78 -1.38	0	29		1	

₩	52	364.2082	726.4018	726.4024	-0.79	0	29	8.3	1	SAISPPR
₩	495	521.7507	1041.4868	1041.4880	-1.07	0	29	3.3	1	YFGADAGSVR
<b></b>	1865		1550.7888		0.88	1	29	9	1	NFGNISDMASVLKR
8	821		1170.6002			0	29	6.8	1	PELDNFAPLR
8	802		1163.5776			0	29	10	1	TSAILDNTSSR
8	414 800	490.7917	979.5688			0	29 29	2.9 6.3	1	QIGVPPELK
€	1046		1163.5544 1234.5932			0	29	7.5	1	MLQGRGLDCR + Oxidation (M) GSTGVAPSTTAMR
<b>S</b>	759		1149.5506			1	29	6.2	1	MPLLDDMKR + 2 Oxidation (M)
8	1236		1289.6742			0	29	10	1	TWADYGPLVLR
<b>W</b>	1325		1298.6944			1	29	8.2	1	GIFNGPPKVDQK
₩	834	589.7941	1177.5736	1177.5761	-2.08	0	29	10	1	SMTSALEGINR
<b>*</b>	439		998.5770			0	29	8.4	1	LILDEAVAR
8	1904		1566.7856			0	29	8.3	1	YAEPFSALAWLSGR
8	500		1042.6030			1	29	9.5	1	KGAIDLADLK
8	517 607		1052.5040		3.95	0	29 29	7.3 9.8	1	AAHANADDLR TTLETGPDTR
8	530		1056.6540			1	29	2.8	1	KAIISDLIGK
<b>S</b>	2124		1706.9208			1	29	4.5	1	IAMVFQKLALMPWK + 2 Oxidation (M)
8	43		717.3658			0	29	24	1	QSADIGK
8	1412	661.8506	1321.6866	1321.6878		0	29	7.2	1	IAVTNLHTPDEI
₩	390	482.7408	963.4670	963.4635		1	29	12	1	GGGFGGSGRGR
8	284	442.7579	883.5012			0	29	5	1	AVPLDEIK
8	1735		1432.7676			0	29 29	8.1 11	1	SNRFVGELPSSLK YAEPFSALAWLSGR
2	1901 363	473.2592	1566.7846 944.5038	944.5039		0	29	12	1	TSGNILGQR
2	2459		1854.0352			1	28	3.1	1	IISNMGSANPLAAGKAVLK
₩	366	475.2351	948.4556	948.4526	3.24	1	28	10	1	RSGSGGWSR
<b>W</b>	1359	436.2380	1305.6922	1305.6929	-0.52	0	28	9.2	1	LDGADVIYLATR
8	1157	633.3408	1264.6670	1264.6663	0.59	0	28	9.1	1	LAISNYSVVDGK
<b>W</b>	2993		2244.2354		0.72	0	28	2.8	1	SAGGNPAQIAAQLAAAVALPQGIR
7	139	388.7007	775.3868	775.3898		0	28	17	1	VNQMLGV + Oxidation (M)
8	603		1088.5500			1	28	14	1	MAQGSQVGRR
8	1318	433.9054	1314.6458	1298.6942		0	28 28	9.1 <b>7.6</b>	1	GALSSAVPAGNLSR ACLHSYAPQGLR
8	1388 2268		1767.9376			0	28	5.8	1	VDANDAOEIDLIALLR
Ø	1036		1230.6132			1	28	10	1	DHGRIVDTYR
<b>P</b>	2349	895.9866	1789.9586	1789.9574	0.71	1	28	5.9	1	TDPAYLQELVSRLASK
<b></b>	1141		1257.6232			0	28	7.1	1	GVDEQVVEDLR
8	2358		1794.9952			1	28	3.3	1	LLNKSSGTSFVGMVVLK + Oxidation (M)
8	2610		2022.9814			0	28	8.3	1	LQTALDLVNSTVTMEFEP + Oxidation (M)
8	2158		1718.9214				28	6	1	AGLGSAHWPALAAALTGR
8	229 2182		832.4496 1732.9374			0	28 28	15 5.2	1	AIMAATGAK SIGCTGVILTKLDGTAK + Carbamidomethyl (C)
E	904		1205.5240			ō	28	3.4	1	CAGGGSSRPDSR + Carbamidomethyl (C)
8	245	423.2155		844.4191		0	28	12	1	GAAGDWLR
8	795	581.7966	1161.5786	1161.5812	-2.16	1	28	13	1	MKIAEQASER
₩	1080		1247.6162			0	28	13	1	<pre>CSVDVVVSDLR + Carbamidomethyl (C)</pre>
<b>W</b>	418		983.5648			0	28	5.4	1	SLPENIALK
8	259 1853		851.4750 1542.7684		2.70	1	28	9.3 8.2	1	KMFWIK SGGOSGPVIGDDSVIR
€	1519		1349.6616		0.56	0	28 28	11	1	GSTAATLMEAINR + Oxidation (M)
8	285	442.7579	883.5012			0	28	5.9	1	IPIEGDLK
8	1137	420.2147	1257.6223	1257.6176	3.74	1	28	9.3	1	YMAQKAFLDR + Oxidation (M)
8	858	595.7751	1189.5356	1189.5397	-3.42	0	28	5.5	1	MPSASDPSLNR + Oxidation (M)
8	186	403.6879	805.3612			0	28	6.8	1	CSPVDSAK
8	2318		1773.9630			1	28	6.4	1	SLCNILEKITAGNGTLK
8	2143 1695	859.4779	1716.9412	1716.9444	-1.83 3.60	0	28 28	5.8 10	1	<pre>MLDLLNSIGVSASLLR + Oxidation (M) MQFSTEIALAAPK</pre>
€	1526		1352.7052		3.18	1	28	9.3	1	KFMSSIEAALEK
8	1650		1389.7501			0	28	9.6	1	VMDIISAGTINIK + Oxidation (M)
₩	519		1052.5040		3.95	0	28	9.2	1	AAHANADDLR
w	253	425.7186	849.4226	849.4201	3.05	0	28	10	1	MMLVNSR
$\overline{\mathscr{C}}$	832	589.7938	1177.5730	1177.5727	0.29	0	28	14	1	NYEAIDALNR
8	1894		1566.7834			0	28	11	1	YAEPFSALAWLSGR
8	307	454.2295	906.4444			0	28	18	1	ATMLSPSGK + Oxidation (M)
8	1563	679.3704 467.2541	1356.7262	1356.7249 932.4927	1.01	0	28 28	11 16	1	SQVNILDLSGSPK DSLLAASTR
<b>₹</b>	350 1862		1550.7882			1	28	16	1	NMGLGYSLNEGLRK
8	1221		1283.6516			ō	28	11	1	EGDNPAVSLLNR
8	783		1158.6002			0	28	14	1	DVLAGTEWLR
<b>P</b>	498		1042.6028			1	27	13	1	QKILDEIGK
<b>V</b>	806		1164.5594			0	27	14	1	SDLLSMIGCAR
			998.5636					11		TAPLEVELK
	1987		1623.8042							ISCKGYDVNVLSGGR + Carbamidomethyl (C)
			1774.9496 1241.6257							
			1052.4980							
			841.4546					7		
8			921.5172					7.7		
8		407.2109	812.4072					8.9	1	FLAGYDK
_		661 0112	1121.6080	1121.6080				11		
₩.	676						27	14	1	
<b>V</b>	676 1758	730.3706	1458.7266	1458.7314	-3.29					LAQITDLDVDGSGR
<b>2</b>	676 1758 1923	730.3706 790.3993	1458.7266 1578.7840	1578.7824	1.04	1	27	14	1	MDFEEARAVSLVGR
*	676 1758 1923 74	730.3706 790.3993 372.6980	1458.7266 1578.7840 743.3814	1578.7824 743.3813	1.04 0.13	1 0	27 27	14 9.3	1	MDFEEARAVSLVGR SPNGEIK
	676 1758 1923 74 1863	730.3706 790.3993 372.6980 517.9368	1458.7266 1578.7840 743.3814 1550.7886	1578.7824 743.3813 1550.7875	1.04 0.13 0.70	1 0 1	27	14 9.3 13 13	1 1 1	MDFEEARAVSLVGR
	676 1758 1923 74	730.3706 790.3993 372.6980 517.9368 526.7673	1458.7266 1578.7840 743.3814	1578.7824 743.3813 1550.7875 1051.5199	1.04 0.13 0.70 0.11	1 0 1 0	27 27 27	14 9.3 13	1 1 1	MDFEEARAVSLVGR SPNGEIK VRILSMYSPADQR + Oxidation (M)

☑ 451	505.2283	1008.4420	1008.4434	-1.30	0	27	3.7	1	CIETDETAK
☑ 2346	895.9860	1789.9574	1789.9509	3.68	1	27	8.6	1	TMQNLSQQLFIAPRK + Oxidation (M)
<b>≥</b> 487	516.3014	1030.5882	1030.5845	3.68	1	27	12	1	AIKCLNELK
☑ 1105			1249.6051		0	27	13	1	YNVGTNAAEVGR
☑ 2159		1718.9232		1.73	1	27	8.2	1	NKSFIDIGEQLGLSAK
	388.7008	775.3870	775.3898		0	27	23	1	MPGSIQK + Oxidation (M)
□ 1273		1291.6156		3.12	1	27	11	1	SSDSSRAEANLR
	405.2114		808.4079	0.41	0	27	20	1	YDGSVIR
		1042.6030							
✓ 499				0.80	0	27	15	1	QAIISEAIAK
☑ 1288			1298.6942		1	27	12	1	GIGNETIRNTPK
	417.7091			0.56	0	27	26	1	FVSGGDPR
	422.2448	842.4750	842.4749	0.16	0	27	20	1	LLLDELQ
☑ 1404	660.3643	1318.7140	1318.7166	-1.96	0	27	12	1	LSLGLTTDMGALK
☑ 1409	660.8672	1319.7198	1319.7198	0.07	0	27	10	1	SPAPPVTQPTAVR
☑ 1501	674.3567	1346.6988	1346.7016	-2.07	1	27	18	1	EMQPLFKEGIR
☑ 1425	663.3629	1324.7112	1324.7099	1.02	0	27	9.9	1	NERPVIQVDQK
<u> 529</u>			1056.6114		1	27	6.8	1	LPLVNKSMR
□ 1142			1257.6201		0	27	9.9	1	SLSDNIPEDLR
			1691.9094		1	27	7.2	1	DIFEGLIGLSNTKSAK
₹ 70			734.3996		ī	27	30	1	MLKNLT + Oxidation (M)
									LKPPEGELK
☑ 454			1009.5808		0	27	3.8	1	
☑ 1543			1355.7197		0	27	12	1	FLEGLNHVNVSK
☑ 1546			1355.7197		0	27	12	1	FLEGLNHVNVSK
☑ 1988			1623.8039		1	27	14	1	KTAMVSAYAGQLNDR
☑ 551		1064.5984		0.59	0	27	7.8	1	IHEGLEVIR
2211	873.4960	1744.9774	1744.9763	0.64	1	27	5.4	1	FKNIIYYSTIVVSAK
☑ 552	533.7924	1065.5702	1065.5706	-0.33	1	27	11	1	LSLKDFSEK
☑ 1731	715.4048	1428.7950	1428.7936	0.99	1	27	10	1	GIEGTGKVVGANISK
☑ 2332	890.9833	1779.9520	1779.9553	-1.82	1	27	9.4	1	VLTMEYIGGTKISNVR
<b>≥</b> 591	543.2659	1084.5172	1084.5189	-1.53	1	27	8.3	1	EYLDDRFK
	358.1961	714.3776	714.3773		0	27	7.6	1	OVGAGGAR
	442.7579				0	27	8.1	1	AVPLDEIK
<u>286</u>									
☑ 402	487.2512		972.4876	0.23	0	27	16	1	VDIQDDLR
図 805		1163.5788		2.71	0	27	18	1	MANSAFPLASR
☑ 816		1169.6174		1.87	1	27	9.8	1	LNDGGINKSPR
1541	452.9124	1355.7154	1355.7157	-0.25	0	27	13	1	QILQQEAGVASGR
☑ 309	454.7364	907.4582	907.4611	-3.10	0	27	10	1	AGASSSSTLK
	881.4743	1760.9340	1760.9342	-0.08	1	27	11	1	MANSVLEIKNASLDIK + Oxidation (M)
☑ 3288	791.4530	2371.3372	2371.3297	3.15	0	27	1.9	1	YGAIATVVSLSMNVALNLALVPR
≥ 2586	989.5010	1976.9874	1976.9843	1.57	0	26	14	1	EGDAAYAVGTLYPDLAPVR
₩ 365	473.7502	945.4858	945.4879	-2.22	0	26	19	1	IQTLNDSR
₩ 989			1225.6349		1	26	13	1	RLDLSNCHLR
■		1011.5958							
230								1	ABILDADIA
E 60	269 2054				0	26	6.2	1	KPIIDADIK
Ø <u>69</u>	368.2054	734.3962	734.3963	-0.05	0	26 26	6.2 15	1	FIINQT
☑ 1952	530.9754	734.3962 1589.9044	734.3963 1589.9001	-0.05 2.66	0 1	26 26 26	6.2 15 3.7	1 1	FIINQT ALLHGLGRVLGEBAR
□ 1952     □ 624	530.9754 367.8898	734.3962 1589.9044 1100.6476	734.3963 1589.9001 1100.6454	-0.05 2.66 1.93	0 1 1	26 26 26 26	6.2 15 3.7 8.1	1 1 1	FIINQT ALLHGLGRVLGEEAR TRAPPPPPLR
<ul> <li>✓ 1952</li> <li>✓ 624</li> <li>✓ 1176</li> </ul>	530.9754 367.8898 637.3611	734.3962 1589.9044 1100.6476 1272.7076	734.3963 1589.9001 1100.6454 1272.7078	-0.05 2.66 1.93 -0.10	0 1 1 0	26 26 26 26 26	6.2 15 3.7 8.1 15	1 1 1	FIINQT ALLHGUGWUGEEAR TRAPPPPPLR IAEAGGGWULPK
□ 1952     □ 624	530.9754 367.8898 637.3611 458.2792	734.3962 1589.9044 1100.6476 1272.7076 914.5438	734.3963 1589.9001 1100.6454 1272.7078 914.5437	-0.05 2.66 1.93 -0.10 0.21	0 1 1 0	26 26 26 26 26 26	6.2 15 3.7 8.1 15	1 1 1 1	FIINQT ALLHGLGRVLGEEAR TRAPPPPPLR ILBAGGGAVTLPK ALTAELLGK
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 1176</li> <li>№ 322</li> <li>№ 625</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203	-0.05 2.66 1.93 -0.10 0.21 0.31	0 1 1 0	26 26 26 26 26	6.2 15 3.7 8.1 15 16 12	1 1 1	FIINQT ALLHGUGWUGEEAR TRAPPPPPLR IAEAGGGWULPK
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 1176</li> <li>№ 322</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203	-0.05 2.66 1.93 -0.10 0.21 0.31	0 1 1 0	26 26 26 26 26 26	6.2 15 3.7 8.1 15	1 1 1 1	FIINQT ALLHGLGRVLGEEAR TRAPPPPPLR ILBAGGGAVTLPK ALTAELLGK
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 1176</li> <li>№ 322</li> <li>№ 625</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816	-0.05 2.66 1.93 -0.10 0.21 0.31	0 1 1 0 0	26 26 26 26 26 26 26 26	6.2 15 3.7 8.1 15 16 12	1 1 1 1 1	FIINQT ALLMGUGWUGGEAR THAPPPPPLR TARAGGAVTLPK ALTAELLGK HSQEDAFER
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 1176</li> <li>№ 322</li> <li>№ 625</li> <li>№ 1734</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07	0 1 1 0 0 0	26 26 26 26 26 26 26 26 26	6.2 15 3.7 8.1 15 16 12 8.7	1 1 1 1 1 1	FIINQT ALLHGUGWUGERAR THAPPPPPLR IARAGGAVULPK ALTAELLGK HSQEDAFUR VEYIPLWERALR
<ul> <li>✓ 1952</li> <li>✓ 624</li> <li>✓ 1176</li> <li>✓ 322</li> <li>✓ 625</li> <li>✓ 1734</li> <li>✓ 1420</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48	0 1 1 0 0 0	26 26 26 26 26 26 26 26 26 26	6.2 15 3.7 8.1 15 16 12 8.7	1 1 1 1 1 1 1	FIINQT ALLHBUJURVLGEBAR TRAPPPPELR INAEGGGAVTLUK ALTAELLGK HSQEDAFLR VETIFLVEBALR ISSDNENNETR
<ul> <li>         □ 1952         □ 624         □ 1176         □ 322         □ 625         □ 1734         □ 1420         □ 369         □ 935         □ 935         □ 935         □ 935         □ 935         □ 1952         □ 1176</li></ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10	0 1 1 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26	6.2 15 3.7 8.1 15 16 12 8.7 12	1 1 1 1 1 1 1 1 1	FIINQT ALLHGUGWUGGEAR TRAPPPPELR LAEAGGGAVTLPK ALTAELIGK HSQEDAFLR VEYTFLVEEALR ISSDNINNRIR MSTISTAR
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 1176</li> <li>№ 322</li> <li>№ 625</li> <li>№ 1734</li> <li>№ 1420</li> <li>№ 369</li> <li>№ 935</li> <li>№ 310</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10	0 1 1 0 0 0 0 0 1 0	26 26 26 26 26 26 26 26 26 26 26 26 26	6.2 15 3.7 8.1 15 16 12 8.7 12 11	1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGURVLGERAR THAPPPPPLR IAEAGFGAVTLPK ALTAELLGK HSQEDAFUR VEYTPLWERALR ISSUNDNNRTR MSTISSTAR EMDFSSPROR
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 1176</li> <li>№ 322</li> <li>№ 625</li> <li>№ 1420</li> <li>№ 369</li> <li>№ 935</li> <li>№ 310</li> <li>№ 1138</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967 1257.6201	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89	0 1 1 0 0 0 0 0 1 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14	1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLEGIGRVLGERAR TRAPPPPPLR LARAGFGAVTLPK ALTAELLGK HSQEDAFLR VEYTPLVERALR ISSDNENRIR MSTISSTAR EMDESSPENRR ASTYINLK SLSNNTPEDLR
<ul> <li>№ 1952</li> <li>№ 624</li> <li>№ 322</li> <li>№ 625</li> <li>№ 1420</li> <li>№ 369</li> <li>№ 935</li> <li>№ 310</li> <li>№ 1138</li> <li>№ 1309</li> </ul>	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967 1257.6201 1298.6904	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60	0 1 1 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUJUVLGEBAR TRAPPPPPLR ILBARGGAVTLUK ALTABILGK HSQEDAFLR VETIFLVEBALR ISSINIANBELR MSTISSTAR HEMDESSPENER ASTYLINLK SLISDINIFEDLR MITLIFETTARE MITLIFF MITLI
1952   624   1176   322   625   1734   1420   369   935   310   1138   1309   1654	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1389.7520	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 952.4648 1215.5190 908.4967 1257.6201 1298.6904 1389.7504	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21	0 1 1 0 0 0 0 0 1 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGURVLGERR THAPPPPPLR LAEAGGAVTLPK ALTAELLGK HSQCDAFLR VEYTPLVERALR ISSINIBINETR MSTISSTAR EMDPSSPENDR ASTYINLK SLSINIPEDLR MNIELPGITAPK + Oxidation (M) LOKKENDULFUK
1952   624   1176   322   625   1734   1420   935   310   1138   1309   1654   1654	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1389.7520 1332.7296	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 1298.4967 1257.6201 1298.6904 1389.7504	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14 15 13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHEIVALGEBER THAPPPPELR ILMENGRAVTLUK ALTAELLOK HSOGDAFUR VEYIPLVERALR ISSDMINNEIR MSTISSTAR EMDPSSPBNDR ASTYLINLK SLSNNIPBDLR MNIELPGITAPK + Oxidation (M) LGKLENDVLEPK LKSGSLASLASVAK
1952   624   1176   322   625   1734   1420   935   310   1138   1309   1654   1455   1372	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1389.7520 1332.7296	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967 1257.6201 1298.6904 1389.7504 1332.7249 1308.6674	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59 0.83	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14 15 13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLMEJGWYLGERR THAPPPPPLR LAEAGGGAVTLEK ALTAELLGK HSQEDAFLR VEYIFLVERALR ISSINGMERT MSTISSTAR EMDPSSPSNPR ASTITIKK SLSDNIFEDLR MYELGITAPE + Oxidation (M) LGKIENDVLFDK DKSGSLASLASVAK SASEFAKVSDLR
1952   624   1176   322   625   1734   1420   369   935   310   1138   1309   1654   1455   1372   2047	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 6129.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1389.7520 1332.7296 1308.6684 1680.8238	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967 1298.6904 1389.7504 1389.7504 1382.7249 1308.6674 1680.8254	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59 0.83 -0.90	0 1 1 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 15 13 13 13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGURVLGERAR THAPPPPPLR LAEAGGAVTLPK ALTAELLGK HSQEDAFLR VEYIFLVERALR LSINNENBUR R MSTISSTAR EMDESSPENDR ASTYLINLK SLISDNIPEDLR MNIELEGITAPK + Oxidation (M) LOKLENDULPUK DKSGSLAELASVAK SAESFAKVSDLR CSGALAKTFTQGEVGR + Carbamidomethyl (C)
1952   624   1952   624   1952   625   6	530.9754 367.8898 637.3611 458.2792 551.7676 77.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1399.7520 1308.6684 1680.8238 1641.9056	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967 1257.6201 1298.6904 1392.7504 1382.7249 1308.6674 1680.8254 1641.9050	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 1.138 1.89 2.60 1.21 3.59 0.83 -0.90	0 1 1 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 2.4 14 14 15 13 13 15 15 15 16 12 11 2.4 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGWVLGEBAR TRAPPPPPLR INARGGAVTLUK ALTAELLGK HSQEDAFLR VETIFLVERALR ISSINIANBER MSTISSTAR HEMDESSPENDR ASTYINLK SLSDNIFEDLR MYLLGETTAPK + Oxidation (M) LCKERBOULFUK SRESPAKVSDLE CSGALAKTFTQGEVGR + Carbamidomethyl (C) ALTMLTNNVQGVLSAK
1952	530.9754 367.8898 637.3611 458.2792 551.7676 63.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 841.9601 364.4911	734.3962 1599.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1225.5176 908.4954 1257.6224 1298.6938 1389.7520 1308.6684 1680.8238 1641.9056 1090.4515	734.3963 1589.9001 1100.6454 1272.7078 914.5437 1101.5203 1429.7816 1324.6596 952.4648 1215.5190 908.4967 1257.6201 1298.6904 1389.7504 1389.7504 1389.7504 1380.6674 1680.8254 1690.8354	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14 15 13 13 15 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLMELGRYLGEBER THAPPEPPLR IARAGGGAVTLEK ALTARLLGK HSQEDAFLR VEYIPLVERALR ISSINENBURE MSTISSTAR EMDPSSPSNPR ASTYLNEK SLSNNIPEDLR JUNIELPGLAPK + Cxidation (M) LGKIENOVLFDK UKSGSLASLASVAK SABSPAKVSDLR CSGALAKTFTGGEVGR + Carbamidomethyl (C) ALTNLINNVGVLSAK
© 1952 © 624 © 1176 © 322 © 625 © 1734 © 1420 © 369 © 310 © 1138 © 1654 © 1455 © 2047 © 1999 © 1698 © 1488 © 1488	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 607.2681 455.2550 629.8185 433.952 433.952 433.952 653.3721 663.3721	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4994 1257.6224 1298.6938 1389.7520 1332.7296 1308.684 1680.8238 1641.9056 1009.4515 1005.5090	734,3963 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 998,4967 1257,6201 1298,6904 1332,7249 1308,6674 1680,8254 1641,9050 1009,4536 1009,4536	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 15 13 13 15 15 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGURVLGERAR TRAPPPPPLR ILMENGRAVTLUK ALTAELLGK HSQEDAFUR VEYIPLYWEALR ISSUMINNEIR MSTISSTAR EMDESSPENDR ASTYTHIK ALSUMITEDUR ENTELDGITAPK + Oxidation (M) LGKLENDVLFUK ENEGGLALGLEVAK SAESFAKVSDLR CSGALAKTFOGEVGK + Carbamidomethyl (C) ALTHLTNNVQGVLSAK HDMMDSAIR + Oxidation (M) VDITOTSER
1952   624   1976   624   1976   624   9 1976	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.3833 667.3821 655.3415 841.4192 821.9601 364.4911 503.7618	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7988 1324.6636 952.4614 1225.5176 908.4954 1225.6224 1226.6238 1389.7520 1308.6684 1680.8238 1641.9056 1090.4515 1005.6509	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7916 1324,6596 952,4648 1225,5190 908,4967 1225,6201 1238,6904 1389,7504 1389,7504 1389,7504 1380,6674 1680,8254 1641,9050 1090,4536 1005,5091 1005,6091	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91 -0.05 0.58	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 1.4 14 14 15 13 13 15 15 15 16 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHEUGWYLGEAR THAPPPPPLR IARAGGGAVTLEK ALTAELLGK HSQEDAFLR VEYIFLVEEALR ISSINIBRITR MSTISSTAR EMDESSPENPR ASTYINLK SLISNIFEDLR MYNIELGGITAPK + Oxidation (M) LGKIERDVLPDK DKSGSLASLASVAK SASSFAKVSULR CSGGIAKTFTQGEVGR + Carbamidomethyl (C) ALTMINNOVIGYUSAK HMMDSAIR + Oxidation (M) VDITQTSSR LKNYESLEK
© 1952 © 624 © 1176 © 322 © 625 © 1734 © 1420 © 369 © 310 © 1138 © 1654 © 1455 © 2047 © 1999 © 1698 © 1488 © 1488	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.3833 667.3821 655.3415 841.4192 821.9601 364.4911 503.7618	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7988 1324.6636 952.4614 1225.5176 908.4954 1225.6224 1226.6238 1389.7520 1308.6684 1680.8238 1641.9056 1090.4515 1005.6509	734,3963 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 998,4967 1257,6201 1298,6904 1332,7249 1308,6674 1680,8254 1641,9050 1009,4536 1009,4536	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91 -0.05 0.58	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 15 13 13 15 15 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FINOT ALLHSURVLGEEAR TRAPPPPPLE ILARGGGAVTLEK ALTAELLGK HSQCBAFLR VSYIPLVERALR ISSINIBNBIR MSTISSTAR EMDESSPENDR ASTYTHIK SLSINIFEDLR MILELPGITAPK + Oxidation (M) LGKIENDVLFPK PKSGSLASIALSVAK SAESPAKVSDLR GGGALAKTFOGEVGE + Carbamidomethyl (C) ALTHLINNVGVLSAK HDMDSAIR + Oxidation (M) VDLTQTSSR LKNYESLEK EMDMSDER LKNYESLEK EMDMSDER CGGALAKTROGEVGE + Carbamidomethyl (C) ALTHLINNVGVLSAK HDMDSAIR + Oxidation (M) VDLTQTSSR LKNYESLEK EVVWFAXSPEKK
1952   624   1976   624   1976   624   9 1976	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601 364.4911 503.7618 546.3087	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7988 1324.6636 952.4614 1225.5176 908.4954 1225.6224 1226.6238 1389.7520 1308.6684 1680.8238 1641.9056 1090.4515 1005.6509	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1234,6596 952,4648 1215,5190 908,4967 1257,6201 1298,6904 1389,7504 1332,7249 1308,6674 1680,8254 1641,9050 1090,4536 1000,6052	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91 -0.05 0.58	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 1.4 14 14 15 13 13 15 15 15 16 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHEUGWYLGEAR THAPPPPPLR IARAGGGAVTLEK ALTAELLGK HSQEDAFLR VEYIFLVEEALR ISSINIBRITR MSTISSTAR EMDESSPENPR ASTYINLK SLISNIFEDLR MYNIELGGITAPK + Oxidation (M) LGKIERDVLPDK DKSGSLASLASVAK SASSFAKVSULR CSGGIAKTFTQGEVGR + Carbamidomethyl (C) ALTMINNOVIGYUSAK HMMDSAIR + Oxidation (M) VDITQTSSR LKNYESLEK
© 1952 © 624 © 1176 © 322 © 625 © 1420 © 369 © 935 © 1130 © 1130 © 1654 © 1457 © 2047 © 1900 © 608 © 447 © 1660	530.9754 367.8898 637.3611 458.2792 551.766 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4912 503.7618 543.9087 776.4012	734.39c2 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1237.6224 1238.6938 1339.7520 1332.7296 1332.7296 1332.7296 1338.6648 1641.9056 1090.4515 1005.5990 1009.6028 1550.7878	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 144,6396 952,4648 1215,5190 908,4967 1257,6201 1258,6904 1389,7504 1	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 9.2.60 1.21 3.59 0.83 -0.90 0.41 -1.91 -0.05 0.58 -0.20	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 2.4 14 15 13 15 15 15 15 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FINOT ALLHSURVLGEEAR TRAPPPPPLE ILARGGGAVTLEK ALTAELLGK HSQCBAFLR VSYIPLVERALR ISSINIBNBIR MSTISSTAR EMDESSPENDR ASTYTHIK SLSINIFEDLR MILELPGITAPK + Oxidation (M) LGKIENDVLFPK PKSGSLASIALSVAK SAESPAKVSDLR GGGALAKTFOGEVGE + Carbamidomethyl (C) ALTHLINNVGVLSAK HDMDSAIR + Oxidation (M) VDLTQTSSR LKNYESLEK EMDMSDER LKNYESLEK EMDMSDER CGGALAKTROGEVGE + Carbamidomethyl (C) ALTHLINNVGVLSAK HDMDSAIR + Oxidation (M) VDLTQTSSR LKNYESLEK EVVWFAXSPEKK
1952   624	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 9595.8833 667.3721 655.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1225.5176 908.4954 1225.526 1332.7296 1338.6684 1680.8238 1641.9056 1090.4515 1005.6908 1050.6088 1550.7878 1362.6906	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 144,6396 952,4648 1215,5190 908,4967 1257,6201 1258,6904 1389,7504 1	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91 -0.05 0.58 -0.20	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 15 13 13 15 15 15 15 17 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGURVLGEBAR THAPPPPPLR ILBARGGAVTLUK ALTABLLGK HSQEDAFLR VETIFLVEBALR ISSINIANBER HSTISSTAR HSTEDSSPENDR ASTYINLK SLISNIFEDLR MYIELFGITAPK + Oxidation (M) LOKIERDVLFDK ENGOSLABLASVAK SAESFAKVSDLR CSGALAKTFTQEVGR + Carbamidomethyl (C) ALTMLTNNVQOVLBAK HDMMDBATR + Oxidation (M) VDLTOTSER LKNYESLEK FSVVWFAYSPDRK LEMYMGLUGGEK + Oxidation (M)
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.255 433.9052 629.8185 433.9052 655.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4002 682.3526 338.8820 580.7860	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1389.7520 1382.6684 1680.8228 1641.9056 1005.5090 1005.6028 1550.7878 1362.6906 1675.7494	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 908,4967 1257,6201 1298,6994 1389,7504 1332,726 1308,667 1641,9050 1090,4536 1005,6991 1005,6991 1005,6987 1362,7882 1362,6887 1365,6887	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59 0.83 -0.90 0.41 -1.91 -0.05 0.58 -0.20 1.44 1.36 -0.61	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 6 12 8.7 12 11 2.4 14 15 13 15 15 15 15 17 17 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLMGLGWYLGERAR THAPPPPPLR IARAGGGAVTLKK ALTARLLGK HSQEDAFLR VEYIPLVERALR ISSINGMENTER MSTISSTAR EMDPSSPSNPR ASTITIME SLISHNIPEDLR MNIELEGITAPK + Oxidation (M) LGKIENDVLFDK DKSGLASLASVAK SARSPARVSDLR CSGALAKTFTGQEVGR + Carbamidomethyl (C) ALTHLTNNVQGVLSAK HDMDSATR + Oxidation (M) VDITQTSSR LKNYESLEK PSVVWRAYSPDEK LEMYMQLLGGEK + Oxidation (M)
1952	530.9754 367.8998 637.3611 458.2792 551.2766 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.953 667.3721 655.3415 841.4192 831.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8820 580.7860 760.3687	734.3962 1589.9044 1100.6474 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1225.5176 908.4954 1225.5176 908.4954 1225.5176 1308.6684 1680.8238 1641.9056 1090.6928 1550.7878 1532.7296 1550.7878 1552.7878	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 908,4967 1257,6201 1258,6204 1389,7504 1332,7249 1308,6674 1680,8254 1641,9050 1090,4536 1090,692 1550,692 1550,692 1550,692 1550,7882 1551,7882 1518,7882 1518,7882 1518,7882	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 3.07 -3.48 -1.10 -1.38 1.89 2.60 1.21 3.59 0.41 -0.05 0.58 -0.20 1.44 1.36 -0.20 1.358	0 1 1 0 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14 15 13 13 15 8.1 15 15 8.1 7 7 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGURVLGERAR THAPPPPPLR ILBARGGAVTLEK ALTAELLGK HSGEDAFUR VEYIPLVERALR ISSINENBEIR MSTISSTAR HEMDESSPENER ASTYTHIK SISDINEDELR MITELEGITAFK + Oxidation (M) LOKIEMPOLIPER ENGOSLASLASVAK SAESFAXVSDLR CSGALAKTPOGEVGE + Carbamidomethyl (C) ALTHLTNNVQSVLSAK HEMMESATR + Oxidation (M) VDITQTSSER LKNYESLEK PSVWFAYSPEK LEMYMGLIGGEK + Oxidation (M) LANCAVESTBEVER LEMYMGLIGGEK + OXIDATION (M)
1952   624	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 653.7618 546.3087 776.4012 682.3526 838.3526 580.7860 760.3687 351.2008	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7948 1324.6636 952.4614 1225.5176 908.4954 1287.6224 1298.6938 1389.7520 1308.6684 1680.8238 1641.9056 1090.4515 1005.5090 1090.6028 1550.7878 1362.6906 1675.7944 1159.5574 1518.7228	734, 3963 1589, 9001 1100, 6454 1272, 7078 914, 5437 1101, 5203 1449, 7816 1324, 6596 952, 4648 1215, 5190 908, 4967 1287, 6201 1298, 6904 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1390, 4536 1000, 4536 1000, 5591 1550, 7882 1362, 6887 1675, 7472 1159, 5582 1518, 7283 700, 3868	-0.05 2.66 0 1.93 -0.10 0 .21 0 .21 0 .23 4 3.07 -1.10 -1.38 1.89 0 .26 0 1.21 3.59 0 0.41 -1.91 -0.5 0 .58 -0.20 1.34 1.36 -0.61 -3.58 0 .38	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 11 2.4 14 14 15 13 13 15 15 8.1 12 14 14 17 17 17 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHSURVLUEERR TRAPPPPPLR LIMENGGRAVTLUK ALTABLICK HSOGDAFUR VEYIPLVEEALR ISSUMENBUR ISSUMENBUR MSTISSTAR EMDPSSPENDR ASTITUKE SLENNIPBUR MSTISSTAR EMDPSSPENDR ASTITUKE SLENNIPBUR MSIELPGITAPK + Oxidation (M) LOKERMOVIPUE DKSGGLALAFVAK SABEPAKVSDLR CSGALAKTROGEVGR + Carbamidomethyl (C) ALTHLINNVOGVLSAK HDMMDSAIR + Oxidation (M) VDLTUTSSER LMANYESLEK PSVVWFAYSPDEK LENNYMOLLGGEK + Oxidation (M) LANDCAVPOTBVSDR + Carbamidomethyl (C) DDTGAVAERAR VGEKTEGEMDSVLR OGIRIO DDTGAVAERAR VGEKTEGEMDSVLR OGIRIO
1952	530.9754 367.8891 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8820 560.3687 331.2008	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.788 1324.6636 952.4614 1215.5176 908.4954 1298.6938 1389.7520 1308.6684 1681.9356 1090.6028 1500.7878 1502.6938 1502.7878 1518.7288 1619.5038 1	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 144,6397 952,4648 1215,5190 908,4967 1238,6904 1339,7504 1332,7249 1308,6674 1641,9050 1090,6022 1500,6022 1502,603 1502,603 167,472 159,582 159,582 1518,7283 700,3868 1622,7246	-0.05 2.66 0.01 0.21 1.93 -0.10 0.21 2.24 3.07 -3.48 -1.10 -1.38 1.21 3.07 0.90 0.83 -0.90 0.41 -1.91 -0.05 0.51 -0.05 0.51 -0.05 0.51 -0.05 0.05 0.05 -0.05 0.05 0.05 0.05 0.	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2.4 14 15 13 15 15 15 17 7,4 10 18 17 17 7,4 10 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGBEVLGEBER THAPPPPPLR ILBENGGRAVTLEK ALTABLICK HSQEDAFLR VETIFLVEBELR ISSNENDRIR HSTISTAR EMDESSPENDR ASTYINLK SLSDNIFEDLR MYIELFGITAPK + Oxidation (M) LOKIERBUVLFEK KSGSLALALSVAK SAESFAKVSDLR CSGATAKTFTQGEVGR + Carbamidomethyl (C) ALTHLINNGVULSAR HOMMOBATR + Oxidation (M) VDITOTSSR LKINYESLEK FSVVWFAYSPERK LEMYMGLIGGER + Oxidation (M) LANGAVFGTDSVORE UDTGAVAREAR VGCTFGRMDSVLR QGILD UTLYCENSERER VGCCTFGRMDSVLR QGILD UTLYCENSEREFK + Carbamidomethyl (C) DDTGAVAREAR VGCCTFGRMDSVLR QGILD UTLYCENSEREFK + Carbamidomethyl (C)
1952	530.9754 367.8998 637.3611 458.2792 551.2766 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601 503.7618 546.3087 776.4012 682.3526 682.8520 580.7860 760.3687 351.2008 812.3688	734.3962 1589.9044 1100.6474 1272.7076 914.5438 1101.5206 1429.7984 1324.6636 952.4614 1225.5176 908.4954 1225.5176 1238.6938 1389.7520 1308.6664 1680.8238 1641.9056 1090.4515 1005.5090 1675.7494 1139.5574 1518.7228 700.3870 1622.7230 1189.5944	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1225,5190 908,4967 1257,6201 1258,6904 1389,7504	-0.05 2.66 1.93 -0.10 0.21 3.07 -3.48 -1.13 8.99 0.83 -0.10 0.58 -0.20 0.41 1.36 -0.20 0.58 -0.20 0.58 -0.20 0.58 -0.20 0.58 -0.20 0.75 0.58 -0.20 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2.4 14 15 13 15 15 8.1 17 7.4 10 15 18 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLMGUGWLGERAR THAPPPPPUR LAEAGGGAVTLEK ALTABLLGK HSQEDAFLR VEYIFUVERALR ISSINENBUR MSTISSTAR EMDPSSPSNPR ASTITIME SLISHIPPDUR MNIELEGITAPE* + Oxidation (M) LGKIERDVLFDK DKSGSLASLASVA SABEPARVSULR CGGALKTFTGGEVGR + Carbamidomethyl (C) ALTMLINUGVULSAK HDMMDSAIR + Oxidation (M) VDITQTSSR LANYESLEK PSVVWRAYSPDEK EMPMGLIGEER + Oxidation (M) LANDCAVFGTDSVDR + Carbamidomethyl (C) DDTGAVAERAR VGCCTGGROMSVLR QGIRID NILCYQUENSERFK + Carbamidomethyl (C) IDLLYMBGSK
1952	530,9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 431,9052 695.8893 667.3721 655.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8820 505.8883 670.3687 351.8688	734,3962 1589,9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1257.6224 1298.6938 1389.7520 1332.7296 1308.6684 1605.5090 1090.6028 1550.7878 1550.7878 1550.7878 1550.7878 1622.7330 1622.7330 1622.7330 1622.7330	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 908,4967 1257,6201 1298,6904 1389,7504 1389,7504 1389,7504 1389,7504 1389,7504 1390,7504 1390,7504 1550,7882 1550,7882 1550,7882 1550,7882 1518,7283 700,3868 1675,7472 1159,5592 1518,7283 700,3868 1622,7246 1189,5979 2359,1665	-0.05 (2.66 (3.76	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2.4 14 15 13 13 15 8.7 12 14 18 19 17 7.4 10 10 15 15 16 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGUGNVLGERAR TRAPPSPPLE ILREAGGGAVTLEK ALTAELLCK HSGEDAFUR VEYIPLVERALR ISSINENBEIR MSTISSTAR HEMDESSPENDR ASTYTHIK SISDNINDEDLR MIELEGITAFK + Oxidation (M) LOKIEMOVLFEN KEGGGLALSLAVAK SAESFAKVSDLR CSGALAKTPGBEVGE + Carbamidomethyl (C) ALTHLTNNVQSVLSAK HDMMDSAIR + Oxidation (M) VDITQTSSER LKNYESLEK PSVWWRAVSPDEK LEMYMQLLGGEK + Oxidation (M) LANDCAVEGTDEVER + Carbamidomethyl (C) DIDGAVAREARR VGECTGGMUGSVLR QGIRID NIICYQENSEEFK + Carbamidomethyl (C) IDLLYMBSEK VLMFQGTGSDVGKSVLTAAFER + Carbamidomethyl (C) Oxidation (M)
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8820 580.7860 760.3667 351.2008 812.3668 595.8045 1180.5930	734.3962 1589.9044 1100.6474 1100.6474 1202.7076 914.5438 1101.5206 1429.7848 11324.6636 952.4614 1225.5176 908.4954 1227.6224 1228.6938 1389.7520 1380.6684 1680.8238 1680.8238 1680.8238 1611.9056 1090.4515 1005.5090 1090.6028 1550.7878 1352.7296 1675.7494 1159.5574 1518.7228 700.3870 1622.7230 1189.5944 2399.1714	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 908,4967 1257,6201 1258,6504 1389,7504 1382,7249 1308,6674 1680,8254 1641,9050 1090,4536 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1005,5091 1007,5091	-0.05 2.66 1.93 -0.10 0.31 2.24 -0.10 0.31 3.07 -3.48 -1.10 -3.15 0.50 0.83 -0.00 0.41 -1.91 -0.05 0.58 -0.05 0.58 -0.50	0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 0 0 0 0 0 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2 4 14 14 15 13 13 15 15 16 12 14 14 15 15 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHEIGRVLGERAR THAPPPPPLR IARAGGGAVTLEK ALTABELLCK HSQEDAFLR VEYIFLVEEALR ISSINIBRIR HSTISTAR REMDSSPBNPR ASTYINLK SLSENIFEDLR MYNIELFGITAFFK + Oxidation (M) LGKIERDVLFDK DKSGSLASLASVAK SASSFAKVSDLR CSGGLAKTFTGGEVGR + Carbamidomethyl (C) ALTHLINNYGVLSAK HDMDSAIR + Oxidation (M) VDITQTSSR LRYFELFE LRYFELFE LRYFELFE PSVVWRAYSPDEK LEMYNGLLGGER + Carbamidomethyl (C) DDTGAVAERAR VGRIFTHD VGRIFTH VGRIFTHD VGRIFTHD VGRIFTH V
1952   624	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 659.8833 667.3721 653.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8526 538.7638 546.3087 776.4012 682.3526 580.7860 776.3687 551.760.3687 551.760.3687 551.760.3687 551.760.37687	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7948 1232.6636 952.4614 1225.5176 908.4954 1287.6224 1298.6938 1389.7520 1332.7296 1308.6684 1680.8238 1641.9056 1090.4515 1005.5090 1090.6028 1550.7878 1362.6906 1675.7944 1159.5574 1518.7228 700.3870 1622.7330 1629.7330 1	734, 3963 1589, 9001 1100, 6454 1272, 7078 914, 5437 1101, 5203 1449, 7816 1324, 6596 952, 4648 1215, 5190 908, 4967 1287, 6201 1298, 6904 1389, 7504 1389, 7504 1518, 7504 1518	-0.05 2.66 1.93 -0.10 0.21 0.31 2.24 6.1.30 3.07 -3.48 -1.130 1.29 3.59 0.90 0.121 -1.91 -0.05 6.05 -0.61 -0.61 -0.63 -0.90 0.38 -0.90 0.38 -0.90 0.20 1.44 6.0.90 0.58 -0.20 1.44 6.1.10 6.58 -0.20 1.44 6.1.10 6.58 6.20 6.58 6.20 6.61 6.61 6.61 6.61 6.61 6.61 6.61 6.6	0 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 12 14 14 15 13 13 15 15 8.1 12 14 10 10 11 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHSURVLEEAR THAPPPPPLR ILMANGRAVTLUK ALTABLICK HSOGDAFUR VEYIPLVEEALR ISSUMINBUR ISSUMINBUR MSTISSTAR EMDPSSPENDR ASTITUK ASSIMITEDUR MSIELPGITAPK + Oxidation (M) LGKIEMPOUTER MSGSLALASVAK SAESFAVVSDLR CSGALAKTFOGEVGK + Carbamidomethyl (C) ALTHLTNNVOGVLSAK HDMMDSAIR + Oxidation (M) VDLITOTSSE LANYESLEK PSVVWFATSFDEK LEMYMOLLGGEK + Oxidation (M) LLANDCAVSTDSVSDR + Carbamidomethyl (C) DDTGAVAGRARA VGECTGGMDSVLR VGETTGGMDSVLR VLLMFQGTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDE
1952	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 677.2390 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601 364.4911 503.7618 503.7618 504.602 682.3526 838.8820 505.3687 706.3687 351.2008 812.3688 595.8045 515.8045 515.8045 515.8045 515.8045 515.8045 515.8045 515.8045	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1101.5206 1429.7848 1215.5176 908.4954 1225.5176 908.4954 1239.6938 1389.7520 1308.6684 1609.4515 1005.5090 1090.6028 1505.6878 1505.6878 1518.7228 700.3870 1189.5944 1289.5944 1208.5088	734,3963 1202,7078 1200,6454 1272,7078 1210,15203 1410,15203 1421,5130 1225,6201 1228,6504 1329,7504 1339,7504 1339,7504 1339,7504 1339,7504 1339,7504 1339,7504 1360,6674 1660,6674 1660,6674 1660,6674 1675,7676 1750,7682 1750,	-0.05 2.66 1.93 -0.10 0.31 2.24 1.33 3.07 -3.48 1.89 2.11 0.83 -0.90 0.83 -0.90 0.58 0.58 0.58 0.58 0.20 0.58 0.58 0.58 0.58 0.20 0.58 0.58 0.58 0.58 0.68 0.68 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 1 1 0 0 0 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 14 14 14 15 13 13 13 15 15 15 8.1 12 14 14 15 15 17 7,4 10 10 11 11 11 12 12 14 14 15 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGBYLGEBER THAPPPPPLR ILBARGGRAYTLEK ALTABLICK HSQEDAFLR VETIFLVERALR ISSNENDRIR HSTISSTAR EMDESSPENDR ASTYINLK SLSNIFEDLR MYIELFGITAPK + Oxidation (M) LOKIERBULPEN KSGSLALASVAK SAESFAKVSDLR CSGALAKTFTGGEVGR + Carbamidomethyl (C) ALTMLINNVQOVLBAK HDMMDSATR + Oxidation (M) VDLTOTSSR LENYESLEK FSVVWFAYSPDRK LENYMGLIGGEK + Oxidation (M) LANDCAVFGTDSVDRK + Carbamidomethyl (C) DDTGAVAREAR VGECTGGMDSVLR QGIRID NIICYGENSEEPK + Carbamidomethyl (C) IDLIYMDSK VKMCGTSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDER KWANDEVGCSVVKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDER KWANDEVGEK
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 653.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8526 583.852 580.7860 760.3667 351.2008 812.3688 595.8833 12.008 812.3688 595.3683 595.3683 595.3683 595.3688 595.3688	734.3962 1589.9044 1100.6476 1272.7076 934.5438 1101.5206 1429.7948 1324.6636 952.4614 1275.756 908.4954 1275.7526 1308.6694 1608.8238 1641.9056 1090.4515 1005.5090 1090.6028 1550.7978 1362.6906 1675.7949 1159.5574 1159.5574 1159.5574 1169.82828 700.3870	734, 3963 1272, 7078 1272, 7078 1272, 7078 1249, 7816 1324, 6596 1324, 6596 1324, 6596 1324, 6596 1324, 6596 1325, 6590 1298, 6590 1298, 6590 1308, 6674 1630, 6674 1630, 6674 1650, 6675 1650, 7690 1690, 6622 1550, 7680 1622, 7246 1611, 7590 1	-0.05 2.66 1.93 -0.10 0.31 2.24 1.33 -0.1.0 -1.38 1.89 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.88 0.98 -0.10 0.58 0.20 0.58 0.38 0.38 0.38 0.38 0.38 0.38 0.38 0.3	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 8.7 12 2.4 14 14 15 15 15 15 15 16 17 17 17 17 17 17 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHSURVLUERAR THAPPFPPLE ILARAGGRAVTLEK ALTABLICK HSOGDAFUR VSYIPLVERALR ISSINENBRIR MSTISSTAR EMDESSPENDR ASTYTHIK SLISHIPEDUR MIELPGITAPK + Oxidation (M) LGKIENDVIFFE MSGELAGLAVAK SAESPAKVSDLR CGGALAKTFOGEVGR + Carbamidomethyl (C) ALTHLINNVGOVLSAK HDMMDSAIR + Oxidation (M) VDITGISSR LKNYESLEK PSVVWFAXSPERK LEMYMQLLGGEK + Oxidation (M) UDLITGISSR LKNYESLEK PSVVWFAXSPERK LEMYMQLLGGEK + Carbamidomethyl (C) DDTGAVARRAR VGCCTPGRMDSVLR GGIRID NIICYCENSEEPK + Carbamidomethyl (C) IDLLYHDESK VLMMPGOTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILLIER RMDAEDPLR KNNAVDFVQFK KNDAMDFVQFK KN
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 653.3415 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8526 583.852 580.7860 760.3667 351.2008 812.3688 595.8833 12.008 812.3688 595.3683 595.3683 595.3683 595.3688 595.3688	734.3962 1589.9044 1100.6476 1272.7076 934.5438 1101.5206 1429.7948 1324.6636 952.4614 1275.756 908.4954 1275.7526 1308.6694 1608.8238 1641.9056 1090.4515 1005.5090 1090.6028 1550.7978 1362.6906 1675.7949 1159.5574 1159.5574 1159.5574 1169.82828 700.3870	734,3963 1202,7078 1200,6454 1272,7078 1210,15203 1410,15203 1421,5130 1225,6201 1228,6504 1329,7504 1339,7504 1339,7504 1339,7504 1339,7504 1339,7504 1339,7504 1360,6674 1660,6674 1660,6674 1660,6674 1675,7676 1750,7682 1750,	-0.05 2.66 1.93 -0.10 0.31 2.24 1.33 -0.1.0 -1.38 1.89 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.83 -0.90 0.88 0.98 -0.10 0.58 0.20 0.58 0.38 0.38 0.38 0.38 0.38 0.38 0.38 0.3	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 14 14 14 15 13 13 13 15 15 15 8.1 12 14 14 15 15 17 7,4 10 10 11 11 11 12 12 14 14 15 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGBYLGEBER THAPPPPPLR ILBARGGRAYTLEK ALTABLICK HSQEDAFLR VETIFLVERALR ISSNENDRIR HSTISSTAR EMDESSPENDR ASTYINLK SLSNIFEDLR MYIELFGITAPK + Oxidation (M) LOKIERBULPEN KSGSLALASVAK SAESFAKVSDLR CSGALAKTFTGGEVGR + Carbamidomethyl (C) ALTMLINNVQOVLBAK HDMMDSATR + Oxidation (M) VDLTOTSSR LENYESLEK FSVVWFAYSPDRK LENYMGLIGGEK + Oxidation (M) LANDCAVFGTDSVDRK + Carbamidomethyl (C) DDTGAVAREAR VGECTGGMDSVLR QGIRID NIICYGENSEEPK + Carbamidomethyl (C) IDLIYMDSK VKMCGTSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDER KWANDEVGCSVVKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDER KWANDEVGEK
1952	530.9754 367.8898 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 431.9052 695.8893 667.3721 655.3415 861.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 838.8820 505.8883 655.3415 51.7682 51.7682 51.7682 51.7682 51.7682 51.7682 51.7682 51.7682 51.7682	734.3962 1589.9044 1100.6474 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1225.5276 1308.6684 1399.7520 1308.6684 1608.8238 1641.9056 1005.5090 1005.6028 1550.7878 1362.6906 1675.7494 1159.5574 1518.7228 700.3870 1622.7230 1199.5944 2359.1714 1005.6488	734, 3963 1272, 7078 1272, 7078 1272, 7078 1249, 7816 1324, 6596 1324, 6596 1324, 6596 1324, 6596 1324, 6596 1325, 6590 1298, 6590 1298, 6590 1308, 6674 1630, 6674 1630, 6674 1650, 6675 1650, 7690 1690, 6622 1550, 7680 1622, 7246 1611, 7590 1	-0.05 (1.93	0 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 8.7 12 2.4 14 14 15 15 15 15 15 16 17 17 17 17 17 17 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHSURVLUERAR THAPPFPPLE ILARAGGRAVTLEK ALTABLICK HSOGDAFUR VSYIPLVERALR ISSINENBRIR MSTISSTAR EMDESSPENDR ASTYTHIK SLISHIPEDUR MIELPGITAPK + Oxidation (M) LGKIENDVIFFE MSGELAGLAVAK SAESPAKVSDLR CGGALAKTFOGEVGR + Carbamidomethyl (C) ALTHLINNVGOVLSAK HDMMDSAIR + Oxidation (M) VDITGISSR LKNYESLEK PSVVWFAXSPERK LEMYMQLLGGEK + Oxidation (M) UDLITGISSR LKNYESLEK PSVVWFAXSPERK LEMYMQLLGGEK + Carbamidomethyl (C) DDTGAVARRAR VGCCTPGRMDSVLR GGIRID NIICYCENSEEPK + Carbamidomethyl (C) IDLLYHDESK VLMMPGOTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILLIER RMDAEDPLR KNNAVDFVQFK KNDAMDFVQFK KN
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9661 364.4911 503.7618 546.3087 776.4012 682.3526 838.8820 580.7860 760.3667 351.2008 812.3688 595.8045 1180.5930 543.8297 551.7682 641.3527 805.9409 518.7749	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 11324.6636 952.4614 1225.5176 908.4954 1237.6224 1238.6938 1339.7520 1332.7296 1308.6684 1660.8238 1641.9056 1090.4515 1005.5090 1090.6028 1550.7878 1362.6976 1675.7494 1518.7228 700.3870 1623.7320 1189.5944 2359.1744 1205.5188 1208.672 1208.672 1208.672	734, 3963 1589, 9001 1100, 6454 1272, 7078 914, 5437 1101, 5203 1429, 7816 1324, 6596 952, 4648 1215, 5190 908, 4967 1287, 6201 1298, 6904 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1515, 7882 1362, 6887 1675, 7472 1189, 5582 1518, 7283 700, 3888 1622, 7246 1189, 5597 2389, 1665 1085, 6444 1101, 5237 1280, 6887 1609, 6877 1609, 6877 1609, 6877	-0.05 2.66 1.93 -0.10 0.31 2.24 1.33 -0.10 -1.38 1.89 2.89 0.83 -0.90 0.58 -0.20 1.11 -1.91 -1.91 -1.93 0.83 -0.90 0.58 -0.20 1.21 -1.91	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 0 0 0 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2.4 14 15 13 13 15 8.1 12 2.4 14 15 15 13 15 15 8.7 7.4 10 10 11 11 11 12 12 12 13 14 15 15 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHGURVLGERAR THAPPEPPLE THAPPEPPL T
1952   1952   1952   1953   1954   1955	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 639.8185 433.9052 639.8185 433.9052 639.8185 641.4192 821.9601 364.4911 503.7618 543.3920 580.763867 776.4012 682.3526 832.8526 8	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1215.5176 908.4954 1287.6224 1298.6938 1389.7520 1382.7526 1308.6684 1608.6238 1641.9056 1090.4515 1090.5090 1090.6028 1550.6028 1550.7878 1362.7230 1518.7228 700.3870 1622.7230 1191.5544 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554 1191.5554	734,3963 1589,9001 1100,6454 1272,7078 914,5437 1101,5203 1429,7816 1324,6596 952,4648 1215,5190 908,4967 1257,6201 1258,6301 1389,7504 1489,7504	-0.05 (1.93 (1.94	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2 4 14 14 15 13 13 13 15 15 16 12 14 14 15 15 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHEIGRVLGERAR THAPPPPPLR IARAGGGAVTLEK ALTABELLGK HSQEDAFLR VEYIFLVEEALR ISSNENBRIR HSTISTAR EMDESSPENDR ASTYINLK SLSENIFEDLR MYSILGGITAFK + Oxidation (M) LGKIERDVLFEK CSGGLAKIFTGGEVGR + Carbamidomethyl (C) ALTHLINNYGULSAK HDMDBAIR + Oxidation (M) VDITQTSSR LRAYEGGEK + Oxidation (M) LANCAVEGTDSVEDK LEMYNGLLGGEK + Oxidation (M) LANCAVEGTDSVEDK LEMYNGLLGGEK + Oxidation (M) LANCAVEGTDSVEDK + Carbamidomethyl (C) DDTGAVAERAR VGECTEGRMDSVLR QGIRID NILCYGENSEEFK + Carbamidomethyl (C) IDLLYDESSE VLMFGGTSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) HKDTILIDR RNDAEDFLR KNANDEDFLR KNANDEDFUR KNANDED
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1952   1952   1952   1953   1954   1955	530.9754 367.8998 637.3611 458.2792 551.766 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 653.3751 841.4192 821.9601 364.4911 503.7618 546.3087 776.4012 682.3526 883.852 580.7860 7860 7860 7860 7860 7860 7860 7860	734.3962 1589.9044 1100.6476 1272.7076 9314.5438 1101.5206 1429.7948 1324.6636 952.4614 1275.7076 908.4954 1275.7526 1308.6694 1309.7520 1308.6694 1609.8693 1309.7520 1309.6028 1550.7978 1362.6906 1675.7949 1159.5574 1518.7228 700.3870 1622.7330 1621.735	734, 3963 1589, 9001 1100, 6454 1272, 7078 1914, 5437 1101, 5203 1429, 7816 1324, 6596 1952, 4648 1215, 5190 1288, 6904 1389, 7507 1389, 7507 1	-0.05 -0.10 -0.10 -0.10 -0.10 -0.11 -0.31 -0.10 -1.38 -1.10 -1.38 -1.10 -1.38 -1.10 -1.38 -1.59 -0.83 -0.95 -0.11 -1.38 -1.65 -0.61 -1.58 -1.65 -1.61 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.61 -1.63 -1.65 -1.62 -1.63 -1.65 -1.63	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2.4 14 14 15 13 13 15 15 15 16 12 12 11 14 16 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHSUGNVLGEAR THAPPFPPLE ILMANGGRAVTLUK ALTABLICK HSOGDAFUR VSYIPLYVERALR ISSUMBURIR MSTISSTAR EMDPSSPENDR ASTITUKE SLSHNIPBDUR MNIELPGITAPK + Oxidation (M) LGKIEMPOURPEK ENGSGLAKITGOEVGE + Carbamidomethyl (C) ALTHLINNVGGVLSAK HDMMDSAIR + Oxidation (M) VDLITYSSER LKHYESLEK PSVVWFAYSPDEK LEMYNGLIGGEK + Oxidation (M) LLNDCAVGTDSVDEK + Carbamidomethyl (C) DDTGAVAERAR VGECTGGMENDVLFEK VGETGGENDVLFEK VGETGGENDVLFEK LEMYNGLIGGEK + Oxidation (M) LLNDCAVGTDSVDEK + Carbamidomethyl (C) DDTGAVAERAR VGECTGGENDSVLF CGIRID NIICYGENSEEPK + Carbamidomethyl (C) ILLLYHDESK VLMPGOTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDE KNOMADDFUR KNOMADDFUR KNOMADDFUR KNOMADDFUR KNOMADDFUR KNOMADDFUR VGETGGENDVATGLALIR GEMEDALUR + Oxidation (M) OTEVPLAANNVR VACLGPWONYEGRIGATSR NNFERD ACTIVACIONALISAE ACTIVACIONALISAE CATCHARMANVR VACLGPWONYEGRIGATSR NNFERD ACTIVACIONALISAE CATCHARMAN VACCTOR ACTIVACIONALISAE CAT
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1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 695.8833 667.3721 655.3415 841.4192 821.9601 563.3455 841.4192 821.9601 662.3556 682.3556 682.3556 682.3556 882.3668 892.3688 595.8045 1180.5930 548.7457 551.7682 641.3527 551.7682 641.3527 551.7682 641.3527 551.7682 641.3527 551.7682 641.3527 551.7682 641.3527 551.7682 683.8868 685.9409 518.7449 599.3352 975.4888 686.9617 518.7457	734.3962 1589.9044 1100.6476 1272.7076 934.5438 1101.5206 1429.7948 1324.6636 952.4614 1275.7076 908.4954 1275.7026 1308.6694 1308.6694 1308.6694 1308.6694 1308.6694 1308.6694 1308.6694 1308.675.7494 1159.5574	734, 3963 1272, 7078 1272, 7078 1249, 7816 1324, 6596 1324, 6457 1291, 6596 1324, 6596 1324, 6596 1324, 6596 1324, 6596 1325, 6590 1298, 6590 1298, 6590 1332, 7249 1338, 6674 1680, 8254 1641, 9050 1090, 6536 1005, 5991 1090, 6536 1065, 5991 1298, 6587 1681, 7283 700, 3688 1622, 7246 1829, 7597 1829, 1685 1622, 7246 1621, 7247 1159, 5582 1621, 7283 1703, 7687 1705, 7677 17	-0.05 0.193 -0.10 0.31 1.31 -1.10 -1.38 1.1.31 1.2.1 1	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 8.7 12 24 14 14 15 15 15 15 15 16 17 7.4 10 10 11 11 13 13 13 15 15 15 16 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FINOT ALLHSURVLGERAR THAPPFPPLE ILARAGGRAVTLEK ALTAELLGK HSGEDAFLE VEYIPLYEEALR ISSINENBRIR MISTISTAR EMDESSPENDE ASTITUKE SLISHITEDLE MILELPGITAPE + Oxidation (M) LGKIENDVIPPE REGISLASVAK SAESPAVSDLE GGGALAKTFOGEVGE + Carbamidomethyl (C) ALTHLINNVGOVLSAK HDMDSALF + Oxidation (M) VDITGTSR LKHYESLEK FSVVWFAYSPERK LEMYNGLIGGEK + Oxidation (M) UDLIQTSR LKHYESLEK FSVVWFAYSPERK LEMYNGLIGGEK + Carbamidomethyl (C) DDTGAVAERAR VGGCTPGRMDSVLR GGIRID NIICYGENGERFK + Carbamidomethyl (C) DDTGAVAERAR VGGCTPGRMDSVLR GOIRID NIICYGENGERFK + Carbamidomethyl (C); Oxidation (M) KDFTILIDE RMDAEDPLR KNNAVDEVOPK ADDAPDLYATGLALIR GRMEDADLR + Oxidation (M) OTEVPLANNR VACLGFWNYSGEIGATSR MNPHOPITLDAALSK ACTVLGSKAGNIVSAK + Carbamidomethyl (C) AGCTGGGASLR + Carbamidomethyl (C)
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 655.3415 655.3415 655.3415 655.3415 653.3415 676.366 776.4012 682.3526 838.3826 776.4012 682.3526 838.3826 583.7618 595.883 595.883 595.883 81.4999 518.7499 518.7499 518.7499 518.7499 518.7497 518.7494 599.3488 883.9506	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7848 1324.6636 952.4614 1225.51276 908.4954 1225.6526 1308.6684 1680.8238 1641.9056 1090.4515 1095.5090 1090.6028 1550.6788 1362.7230 1189.5944 1199.5648 1189.5944 1199.5648 1189.5946 1190.5658 1196.6588 1197.5480 1197.5480 1705.8986 1705.8986 1705.8986 1705.8986	734, 3963 1589, 9001 1100, 6454 1272, 7078 914, 5437 1101, 5203 1429, 7816 1224, 6596 952, 4648 1215, 5190 908, 4967 1257, 6201 1298, 6904 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1085, 6844 1101, 5237 1280, 6877 1609, 6877 1705, 6851 1948, 9577 1705, 8821 1735, 9039 1035, 4767 1705, 8821 1735, 9039 1035, 4767 1067, 5039 1075, 8821 1735, 9039 1075, 8821 1735, 9039 1075, 8821 1735, 9039 1075, 8821 1735, 9039 1075, 8821 1735, 9039 1075, 8821 1735, 9039 1075, 8821 1775, 9039 1075, 8821	-0.05 -0.01	0 1 1 0 0 0 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 12 16 12 12 14 14 15 13 13 15 15 8.1 17 7.4 10 15 15 15 15 16 17 17 17 17 17 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHGURVLGERAR THAPPPPPLR ILBARGGAVTLEK ALTAELLCK HSGEDAFUR VEYIPLVERALR ISSINENBEIR MSTISSTAR EMDPSSPBNDR ASTITUKE SLISDNIPEDLR MITLEFGTTAFK + Oxidation (M) LOKIEMOVLFUR EXGSGLALASVAK SAESFAVYSDLR CSGALANFOGEOGE + Carbamidomethyl (C) ALTHLTNOVQGVLSAK HDMMDSAIR + Oxidation (M) VDLTQTSSR LKNYESLEK PSVWWFAYSDEK LEMYMQLLGGEK + Oxidation (M) LANDAVSGTDESSVERSER LKNYESLEK PSVWWFAYSDEK LEMYMQLLGGEK + Oxidation (M) LANDAVSGTDESSVERSER LKNYESLEK ROUTHOUSEN VURECTGEMENSVLR VURECTGEMENSVLR VURECTGEMENSVLR VURECTGESSVERSVLTAAFOR + Carbamidomethyl (C) IDLLYHDSSK VLHEVOGTSSVERSVLTAAFOR + Carbamidomethyl (C) IDLLYHDSSK VANDAVDFUR KNNAUDFUR KNNAUDFUR KNNAUDFUR KNNAUDFUR KNNAUDFUR KNNAUDFUR KNNAUDFUR KNNAUDFUR KNAUDFUR KNAUDFUR KNAUDFUR KNAUDFUR KNAUDFUR KNAUDFUR KNNAUDFUR KNAUDFUR KN
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.902 639.8185 433.902 639.8185 841.4192 839.8820 580.7660 682.3526 838.8820 580.7660 760.3667 351.2008 812.3608 595.8045 1180.5930 581.7618 595.8045 5180.5930 518.7457 805.9409 518.7457 805.9409 518.7457 805.9409 518.7457 805.9409 518.7457 805.9409 518.7457 805.9409 518.7464 551.793 751.7688	734.3962 1589.9044 1100.6474 1202.7076 1212.7076 1214.5188 1101.5206 1429.7848 1101.5206 1429.7848 1101.5206 1429.7848 1321.51976 908.4954 1215.51976 908.4954 1215.51976 1308.6684 1600.8238 1389.7520 1308.6684 1600.8238 1389.7520 1391.7	734, 3963 1589, 9001 1100, 6454 1272, 7078 914, 5437 1101, 5203 144, 6596 952, 4648 1215, 5190 908, 4967 1238, 6504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1390, 6674 1680, 6874 1690, 6922 1550, 7882 1518, 7283 700, 3668 1622, 7246 1189, 5979 1289, 6675 1095, 6444 1101, 5237 1620, 6875 1095, 6444 1101, 5237 1690, 6675 1095, 6675 1095, 6675 1095, 6675 1095, 6675 1095, 6757 1196, 6513 1948, 9577 1795, 8821 1735, 9039 1005, 4747 1067, 5103 1107, 5882 1742, 7003	-0.05 2.66 1.93 -0.10 0.31 2.24 1.33 1.89 2.11 0.31 1.89 0.83 -0.90 0.83 -0.90 0.58 -0.20 1.10 1.35 0.58 -0.20 1.10 1.37 1.38 2.11 0.38 -1.65 2.89 2.11 0.38 -1.65 2.11 0.38 -1.65 0.38 -1.	0 1 1 0 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 1 1	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 2.4 14 15 13 13 13 15 15 8.1 17 7.4 10 10 15 51 11 12 11 12 11 12 11 12 14 15 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGBYLGEBER THAPPPPPLR IARAGGRAYTLEK ALTABLICK HSQEDAPLR VETIFLVEBEALR ISSINEMBER HSSTAR HSMPSSPENPR ASTYINLK SLSNIFEDLR MYIELPGITAPK + Oxidation (M) LOKIEROVLEEN KSGSLASLAVAK SAESFAKVSDLR CSGALAKTFTQGEVGR + Carbamidomethyl (C) ALTHLINNGVULSAK HOMMOBAIR + Oxidation (M) VDITOTSSR LKINYESLPK PSVVWFAYSPDRK LEMYMGLIGGEK + Oxidation (M) LANDCAVEGTDSVORK + Carbamidomethyl (C) DDTGAVAREAR VGECTPGRMDSVLR QGIRI VILYUMBSK VALMGOTGSDVOKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDR RNDAADDLR
1952   1952   1952   1953   1954   1955	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 959.8833 667.3721 653.3415 841.4192 821.9601 364.4911 503.7618 841.4192 821.9601 364.4911 503.7618 841.4192 821.9601 364.4911 503.7618 841.4192 821.9601 364.4911 503.7618 841.4192 850.7680 870.3687 351.2008 812.3688 853.9906 812.3688 853.9906 888.9617 518.7489 599.3382 975.4888 853.9906 868.9617 518.7487 534.7644 554.7793 672.3392 482.2313	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7948 1324.6636 952.4614 1215.5176 908.4954 1215.5176 908.4954 1239.6938 1389.7520 1332.7296 1308.6684 1608.8238 1661.9056 1009.4515 1005.5090 1009.6028 1550.7878 1362.6906 1675.7494 1159.5574 1518.7228 700.3870 1622.7304 1159.5574 1518.7228 1700.3870 1622.7304 1159.5574 1518.7228 1700.3870 1622.7304 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.440 1342.7718	734, 3963 1589, 9001 1100, 6454 1272, 7078 1914, 5437 1101, 5203 1449, 7816 1324, 6596 1952, 4648 1215, 5190 1298, 6904 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1389, 7504 1518, 7507 1518, 7588 1518, 7283 1704, 3887 1609, 6877 1609, 6877 1609, 6877 1609, 6877 1609, 6877 1705, 8821 1775, 8821 1	-0.05 (1.93 (1.94	0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1 1 1 1 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 2.4 14 15 15 15 15 15 16 12 11 12 14 15 15 15 15 15 17 17 17 17 17 17 17 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINOT ALLHSUGNVLGEAR THAPPPPPLR ILMANGRAVTLPK ALTABLLGK HSOGDAFLR VEYIPLVERALR ISSUMINBUR ISSUMINBUR MSTISSTAR EMDPSSPBNDR ASTITUK ASSIMITEDUR MSIELPGITAPK + Oxidation (M) LGKIEMDVLFBE MSGSLALASLAVAK SAESFAVVSDLR CSGALANTFOGEVGR + Carbamidomethyl (C) ALTHLTNNVQGVLSAK HDMMDSAIR + Oxidation (M) VDLITOTSSR LANNESLEK PSVVWFAVSDER LENNYGLIGGEK + Oxidation (M) LLNDCAVSCTDSVSDR + Carbamidomethyl (C) DDTGAVASGRAV VGECTGGMDSVLR VGENTYGTDSVSDR + Carbamidomethyl (C) DDTGAVAGRAR VGECTGGMDSVLR VGHPGGTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDE KNALVDFVQFK VLMPGGTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDE KNALVDFVQFK VLMPGGTGSDVGKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDE KNALVDFVQFK VLMPGGTGSDVGKSVLTAAFCR + Carbamidomethyl (C) ACCTGGTALANIC VALLGFWNTYGEKIGATSR MNPHQFITLDAALASK ACVVLOSSAGNIVSAK + Carbamidomethyl (C) ACCTGGGASLR + Carbamidomethyl (C)
1952	530.9754 367.8998 637.3611 458.2792 551.7676 715.8997 663.3391 477.2380 608.7661 455.2550 629.8185 433.9052 959.8833 667.3721 653.3415 841.4192 821.9601 364.4911 503.7618 841.4192 821.9601 364.4911 503.7618 841.4192 821.9601 364.4911 503.7618 841.4192 821.9601 364.4911 503.7618 841.4192 850.7680 870.3687 351.2008 812.3688 853.9906 812.3688 853.9906 888.9617 518.7489 599.3382 975.4888 853.9906 868.9617 518.7487 534.7644 554.7793 672.3392 482.2313	734.3962 1589.9044 1100.6476 1272.7076 914.5438 1101.5206 1429.7948 1324.6636 952.4614 1215.5176 908.4954 1215.5176 908.4954 1239.6938 1389.7520 1332.7296 1308.6684 1608.8238 1661.9056 1009.4515 1005.5090 1009.6028 1550.7878 1362.6906 1675.7494 1159.5574 1518.7228 700.3870 1622.7304 1159.5574 1518.7228 1700.3870 1622.7304 1159.5574 1518.7228 1700.3870 1622.7304 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.8666 1705.440 1342.7718	734, 3963 1589, 9001 1100, 6454 1272, 7078 914, 5437 1101, 5203 144, 6596 952, 4648 1215, 5190 908, 4967 1238, 6504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1339, 7504 1390, 6674 1680, 6874 1690, 6922 1550, 7882 1518, 7283 700, 3668 1622, 7246 1189, 5979 1289, 6675 1095, 6444 1101, 5237 1620, 6875 1095, 6444 1101, 5237 1690, 6675 1095, 6675 1095, 6675 1095, 6675 1095, 6675 1095, 6757 1196, 6513 1948, 9577 1795, 8821 1735, 9039 1005, 4747 1067, 5103 1107, 5882 1742, 7003	-0.05 (1.93 (1.94	0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1 1 1 1 0 0	26 26 26 26 26 26 26 26 26 26 26 26 26 2	6.2 15 3.7 8.1 15 16 12 8.7 12 2.4 14 15 13 13 13 15 15 8.1 17 7.4 10 10 15 51 11 12 11 12 11 12 11 12 14 15 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIINQT ALLHBUGBYLGEBER THAPPPPPLR IARAGGRAYTLEK ALTABLICK HSQEDAPLR VETIFLVEBEALR ISSINEMBER HSSTAR HSMPSSPENPR ASTYINLK SLSNIFEDLR MYIELPGITAPK + Oxidation (M) LOKIEROVLEEN KSGSLASLAVAK SAESFAKVSDLR CSGALAKTFTQGEVGR + Carbamidomethyl (C) ALTHLINNGVULSAK HOMMOBAIR + Oxidation (M) VDITOTSSR LKINYESLPK PSVVWFAYSPDRK LEMYMGLIGGEK + Oxidation (M) LANDCAVEGTDSVORK + Carbamidomethyl (C) DDTGAVAREAR VGECTPGRMDSVLR QGIRI VILYUMBSK VALMGOTGSDVOKSVLTAAFCR + Carbamidomethyl (C); Oxidation (M) IKDTILIDR RNDAADDLR

<b>W</b>	397	485.2847	968.5548	968.5542	0.65	0	26	6.6	1	AGIEPLELK
₩	525	528.7886	1055.5626	1055.5611	1.46	1	26	17	1	IPNDKGPTSK
<b>W</b>	866			1191.6104		1	26	21	1	MINNMKSAGVK
8	567			1069.5404		0	26	14	1	QINPDINEK
~	1132 1159			1257.6255 1264.6663			26 26	16 17	1	SSIHFFHDLR AIISYOTDOVK
₩.	194		809.4648				26	8.4	1	AYTSKIK
₩	2030			1667.8114			25	16	1	TDEEEAHRILAEQK
₩.	557			1068.4948			25	13	1	HAQGAESNQK
$\forall$	1434	664.3521	1326.6896	1326.6891	0.38	1	25	15	1	NEPVSREVLER
<b>V</b>	1591			1368.6997			25	14	1	SGLTSAHVQVNEK
₩	696			1129.5152			25	9.6	1	FPNAGPQEDR
8	300			898.5487			25	11	1	ALETPLKK
8	331 1163			925.4480 1267.6417			25 25	7.8 15	1	FYMNPVR GMVTLFMQGLR + Oxidation (M)
8	1663			1392.7283			25	18	1	DKMVVVTGLSGSGK + Oxidation (M)
₽	652			1112.5839			25	17	1	ORSWPGNIR
₩	854			1186.5942			25	18	1	QNLQEASIER
<b>W</b>	1215	642.3337	1282.6528	1282.6558	-2.27	0	25	17	1	TVSIDFFEGIR
$\forall$	1432	663.8384	1325.6622	1325.6575	3.58	0	25	19	1	AEAPDAVAEANLR
<b>W</b>	336	464.7458				0	25	11	1	KPAANNADK
₩	432	496.2630		990.5134		0	25	21	1	PAAYSVDLR
<b>F</b>	666			1118.5390			25	22	1	EMTVGEALNR
8	700			1131.5812 1691.9062		0	25 25	29	1	ASPPLLDEYK AIGRLSSMAMISGLSAK
8	2109 216	415.2293				1	25	11 24	1	QRILGDQ
₩	1468			1338.7183		1	25	18	1	ISLKYEFGAPSK
₩	1133		1257.6217			0	25	18	1	ALVDEQAEDLR
<b>V</b>	398	485.7455	969.4764	969.4767	-0.24	1	25	8.5	1	KENPEPEK
8	249	423.7213	845.4280	845.4283	-0.30	0	25	8.1	1	YPEVNPK
w	1205		1279.6428			0	25	21	1	TFLGGATTEDLR
₩.	468			1016.5138		0	25	31	1	LQVETAGDGK
₩.	1652			1389.7551		1	25	18	1	ELIQFACRLAAR
8	151	394.2318 425.7190				0	25 25	41 37	1	LLTEAGLA MMLVNSR
8	255 329	462.7737				0	25	8.2	1	SSITYILK
₩.	1538			1355.7157		1	25	19	1	RSLNPDGLDLTR
₩	1402			1318.7092		1	25	19	1	ISNSNTSLDKIK
₩.	1174			1272.6674		0	25	24	1	LSINELEGVGSR
<b>3</b>	373			953.5447		1	25	11	1	SHGWVKIK
₩.	690	377.1954	1128.5644	1128.5638	0.54	0	25	14	1	SFNCYVVLK + Carbamidomethyl (C)
₩.	1524			1352.5887			25	8.9	1	AGMDVVMDRCPK + 2 Oxidation (M)
<b>W</b>	460			1011.5964			25	9.9	1	KPIIDADIK
8	1165			1267.6449			25	18	1	FFEKQIADGIT
₩.	38	358.2087					25 25	73	1	VEIQAR SCGQIVNVASMAGKIGTAK
8	2439 1373			1833.9441 1309.6523			25	21 17	1	SCGQIVNVASMAGKIGTAK SSFMPGVLMGIR + Oxidation (M)
₩	1506			1347.7432			25	15	ī	ISCILSSIQSIK + Carbamidomethyl (C)
₩	828			1177.5728			25	19	1	GFDSVAAGDALR
$\overline{\mathbf{w}}$	815	585.8157	1169.6168	1169.6180	-0.94	0	25	15	1	ILLVEDEDPK
<b>V</b>	2180	867.4759		1732.9393		1	25	12	1	SIGCTGVILTKLDGTAK + Carbamidomethyl (C)
₩.	138	387.2423					25	16	1	LATVLTVG
8	1059			1239.6823		1	25	12	1	KQPINDIDGIK
8	1027		1226.6269			0	25	19	1	LNGPEQAETLR
8	2119 501						25			
₩	217				-1.69 1.06	0	25	15	- 1	APFFLPSIDSAAAISAK SHLDAATSKD
₩	942		1043.4894	1043.4883	1.06	1	25	14	1	SHLDAATSKD
₩		415.2294	1043.4894 828.4442	1043.4883 828.4415	1.06 3.30	1 0	25 25	14 27	1	SHLDAATSKD IMDLPPK + Oxidation (M)
8		415.2294 608.8182	1043.4894	1043.4883 828.4415 1215.6208	1.06	1	25	14		SHLDAATSKD
(6)	1508 2251	415.2294 608.8182 450.2539	1043.4894 828.4442 1215.6218 1347.7399	1043.4883 828.4415 1215.6208	1.06 3.30 0.90 0.05	1 0 0	25 25 25	14 27 24	1	SHLDAATSKD IMDLPPK + Oxidation (M) ANSSGDQVLIGR
<b>W</b>	1508 2251 1281	415.2294 608.8182 450.2539 879.4339 649.8478	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765	1.06 3.30 0.90 0.05 -3.59 3.48	1 0 0 1 0	25 25 25 25 25 25	14 27 24 17 19	1 1 1 1	SHLDAATSKD IMDEPK + Oxidation (M) AMSSENQVLIGR ELGADFOLIVEK MLMGVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK
¥	1508 2251 1281 1158	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663	1.06 3.30 0.90 0.05 -3.59 3.48 0.59	1 0 0 1 0 0	25 25 25 25 25 25 25 25	14 27 24 17 19 18 22	1 1 1 1 1	SHLDAATSKD INDLPPK + Oxidation (M) ANSSCOOVLIGE ELGADFQLTVKK MMMGYLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVULPAGIEK LAIGNYSVYDGK
¥	1508 2251 1281 1158 757	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32	1 0 0 1 0 0 0	25 25 25 25 25 25 25 25 25 25	14 27 24 17 19 18 22	1 1 1 1 1	SHLDAATSKD IMDLEPK + Oxidation (M) ANSSENDYLIGR ELGADFOLIVEK MMMSVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVOGK LMEINTBORK + Oxidation (M)
8 8 8	1508 2251 1281 1158 757 421	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02	1 0 0 1 0 0 0 0	25 25 25 25 25 25 25 25 25 25 25	14 27 24 17 19 18 22 19	1 1 1 1 1 1 1	SHLDAATSKD IMDLFPK + Oxidation (M) AMSSEQU'LIGR ELGADFOLTVEK MLMGVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGTEK LAISNYSVVDGK LAIELINDGR + Oxidation (M) VOITKGTDH
N N N N	1508 2251 1281 1158 757 421 3278	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886 2359.1714	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49	1 0 0 1 0 0 0 0	25 25 25 25 25 25 25 25 25 25 25 25	14 27 24 17 19 18 22 19 21	1 1 1 1 1 1 1 1	SHLDAATSKD INDEPPR + Oxidation (M) ANSSEQU'LIGR ELGADFQLTVKK MLMGVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LMELINMOR + Oxidation (M) VDITKGTDH VPDAGEVLVDGYPVSRLSDSER
	1508 2251 1281 1158 757 421 3278 2176	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886 2359.1714 1732.9352	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49	1 0 0 1 0 0 0 0	25 25 25 25 25 25 25 25 25 25 25	14 27 24 17 19 18 22 19	1 1 1 1 1 1 1	SHLDAATSKD IMDLFPK + Oxidation (M) AMSSEQU'LIGR ELGADFOLTVEK MLMGVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGTEK LAISNYSVVDGK LAIELINDGR + Oxidation (M) VOITKGTDH
	1508 2251 1281 1158 757 421 3278 2176 584	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749 542.3409	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886 2359.1714 1732.9352 1082.6672	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34	1 0 0 1 0 0 0 0 0 1 1 1	25 25 25 25 25 25 25 25 25 25 25 25 25	14 27 24 17 19 18 22 19 21 20	1 1 1 1 1 1 1 1	SHLDAATSKD INDOFPK + Oxidation (M) AMSSENDYLIGR ELGADPQLIVEK MMMOVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGTEK LAISNYSVVDCK LMELINROR + Oxidation (M) VDITKGTDH VPDAGEVLVDGPVSRLSDSER DIAKLICAVQSSVLSAK
	1508 2251 1281 1158 757 421 3278 2176	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749 542.3409 634.8286	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886 2359.1714 1732.9352 1082.6672 1267.6426	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41	1 0 0 1 0 0 0 0 1 1 1 0	25 25 25 25 25 25 25 25 25 25 25 25 25 2	14 27 24 17 19 18 22 19 21 20 14	1 1 1 1 1 1 1 1 1	SHLDAATSKD INDEFPK + Oxidation (M) AMSSEQU'LIGE ELGADPOLIVEK MLMGVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGTEK LAISNYSVVDGK LAISNYSVVDGK LNELINDER + Oxidation (M) VDITKGTDH VPDAGSVLVDGYPVSRLSDSER DIAKLTCAVQSSVLSAK VLSILLNPSK
	1508 2251 1281 1158 757 421 3278 2176 584 1166	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749 542.3409 634.8286 613.8234	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 984.4886 2359.1714 1732.9352 1082.6672 1082.6672 1225.6322	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.64	1 0 0 1 0 0 0 0 1 1 1 0	25 25 25 25 25 25 25 25 25 25 25 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 19	1 1 1 1 1 1 1 1 1 1	SHLDAATSKD IMDLPPK + Oxidation (M) AMSSGMQVLIGR ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELMANULCTSLLISGEK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LAMELINMER + Oxidation (M) VDITKGTOM VPDAGEVLVDGYPVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINPSK WITKGEMPIR AESAADEVSPLR IMLERPSVMEK + Oxidation (M)
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749 542.3409 634.8286 613.8234 656.8327 455.7413	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886 2359.1714 1732.9352 1082.6672 1267.6426 1225.6322 1311.6508 909.4680	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1225.6302 1311.6493 909.4668	1.06 3.30 0.90 0.05 -3.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.64 1.21	1 0 0 0 0 0 0 0 1 1 1 0 0	25 25 25 25 25 25 25 25 25 25 25 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 19 20	1 1 1 1 1 1 1 1 1 1	SHLDAATSKD INDEPPK + Oxidation (M) AMSSENDYLIGE ELGADFQLIVEK MMMOVLCTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAIENTSVVDCK LMELINORR + Oxidation (M) VDITKGTDH VPDAGEVLVDGTYVSRLSDSER DIAKLTCAVQSSVLSAK VLSTLINPSK WITKGEMFIR AESAADFXVSPLR INLEHEPSVNEK + Oxidation (M) LMPEPGQR
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749 542.3409 634.8286 613.8234 656.8327 455.7413 543.7702	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 9259.1714 1732.9352 1082.6672 1257.6426 1225.6322 1311.6508 909.4680 1085.5258	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1225.6302 1311.6493 999.4668 1085.5288	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.64 1.21 1.36 -2.69	1 0 0 0 0 0 0 0 1 1 0 0 0	25 25 25 25 25 25 25 25 25 25 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 19 20 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD INDEPFK + Oxidation (M) AMSSEQU'LIGE ELGADFQLITVEK MIMGVLCTSLLLSGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGTEK LAISNYSVVDGK LAIELINGGR + Oxidation (M) VDITKGTDH VPDAGEVLUNGYPVSRLSDSER DIAKLTCAVGSSVLSAK VLSILINPSK WITKGEMPIR ASSAAPVSVDLR IMLERPSVWEK + Oxidation (M) LNPEPGQR SCPDKNPGLR
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593 766	415.2294 608.8182 450.2539 649.8478 633.3408 575.2906 1180.5930 867.4749 542.340 634.8286 613.8234 656.8327 455.7413 543.7742 576.7849	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 984.4886 2359.1714 1732.9352 1082.6672 1267.6426 1255.6322 1311.6508 909.4680 1085.5258 1151.5552	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1255.6302 1311.6493 909.4668 1055.5288	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.64 1.21	1 0 0 0 0 0 0 0 1 1 0 0 0 0	25 25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 20 21 19 20 21 19 20 21 19 20 21 20 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD IMDLPPK + Oxidation (M) AMSSGNOVLIGE ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK LAINSTVUNGK LAINSTVUNGK LAINSTVUNGK LAINSTVUNGK LVDITKGTOH VPDAGSEVLVDOTPVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINPSK WITKGEMEIR AESAADFVSPLR IMLERSVIKER + Oxidation (M) LWPERQGR SCPDKNPGLR GRSIGEEVGGR
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593 766 1620	415.2294 608.8182 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 634.8286 613.8234 656.8327 455.7413 543.7702 576.7849 690.8315	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.66770 1148.5666 984.4886 2359.1714 1732.9352 1082.6672 1267.6426 1225.6322 1311.6508 909.4680 1085.5258 1151.5552	1043.4883 82.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1225.6302 1311.6493 909.4668 1085.5288 1151.5571 1379.6463	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.64 1.21 1.36 -2.69 -1.59	1 0 0 0 0 0 0 0 1 1 0 0 0 0	25 25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 19 20 21 19 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD INDOFFK + Oxidation (M) AMSSEQVILIGE ELGADFQLTVEK MIMMYLCTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LMELINORR + Oxidation (M) VDITKGTDH VPDAGGEVLVDGYVSRLSDSER DLAKLTCAVQSSVLSAK VLSTLINPSK WITKGEMFIR AESAAPEVSPLR INLERPSVNEK + Oxidation (M) LMPERGOR SCPDKNPGLR GKSIGERYGR GKSIGERYGR DESTGSSCLAEVR
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593 766 1620 1275	415.2294 608.882 450.2539 879.4339 649.8478 633.3408 575.2906 493.2516 1180.5930 867.4749 542.3409 634.8286 613.8234 656.8327 455.7413 543.7702 576.7849 690.8315 690.8315	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1224.6670 1148.5666 948.4886 2359.1714 1732.9352 1082.6672 1227.6426 1225.6322 1311.6508 909.4680 1085.5258 1151.5552 1379.6484	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1224.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1225.6302 1311.6493 909.4668 1085.5288 1151.5571 1379.6463 1279.6492	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 2.49 -2.34 -2.47 3.41 1.64 1.21 1.36 -2.69 -1.59 -1.59	1 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 0	25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 20 21 19 20 11 15 19 20 21 19 20 21 20 21 20 21 20 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD IMDLPPK + Oxidation (M) AMSSGDQVLIGR ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELMOVLCTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LAELINMER + Oxidation (M) VDITKGTDH VPDAGEVLVDOTPVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINPSK WITKGEMFIR AESAAPEVSPLR ILMENFSVMEK + Oxidation (M) LMPEPGQR SCPDRENGLR GKSIGEEYOGR DESTGSSCLAEVR TMMELFPLR + Oxidation (M)
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593 766 1620 1275 358	415.2294 608.8182 450.2539 879.4339 649.8478 675.2906 493.2516 1180.5930 867.4749 542.3409 634.8286 613.8234 656.8327 455.7413 543.7702 576.7849 690.8315 648.3332 471.7434	1043.4894 828.4442 1215.6218 1347.7399 1756.8832 1299.6810 1264.6670 1148.5666 984.4886 2359.1714 1732.9352 1082.6672 12267.6426 1225.6322 1311.6508 909.4680 1085.5258 1151.55522 1379.6484 1294.6518 941.4722	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1022.6699 1267.6383 1225.6302 1311.6493 999.4668 1085.5288 1151.5571 1379.6463 1294.6492 941.4753	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.64 1.21 1.36 -2.69 -1.59 1.59	1 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 1 1 0 1	25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 21 4.9 19 20 21 19 20 21 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD INDEPPK + Oxidation (M) AMSSENDYLIGE ELGADFQLIVEK MMMOVLCTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LMELINORR + Oxidation (M) VDITKGTDH VPDAGEVLVDGTVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINDSK WITKGEMFIR AESAADFVSPLR INLEHPSVNEK + Oxidation (M) LMPEPFOR SCPDKNPGLR GKSIGSETGGR DBSTGSSCLARVE TWMHELPPLR + Oxidation (M) GGGCPKDIR
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593 766 1620 1275 358 1487	415.2294 608.8182 450.2539 879.4339 649.4878 633.3408 575.2906 493.2516 1180.5930 867.4749 542.340 656.8327 455.7413 543.7702 576.7809 690.8315 648.332 471.7434	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 1148.5666 994.4886 2359.1714 1732.9352 1082.6672 1267.6426 1225.6322 1311.6508 909.4680 1085.5258 1151.5552 1379.6484 1294.6518 991.4722 1341.6856	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1224.6663 1148.5682 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1225.6302 1311.6493 909.4668 1085.5288 1151.5571 1379.6463 1279.6492	1.06 3.30 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.36 -2.69 1.54 2.03 -3.22 2-3.49	1 0 0 1 0 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0	25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 20 21 19 20 21 19 20 21 19 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD IMDLPFK + Oxidation (M) AMSSGOQVLIGR ELGADPQLIVEK MEMOVLOTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LNELINBOR + Oxidation (M) VDITKGTOR VVDAGEVLVDOYPVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINPSK WITKGEMETE AESAAPEVSPLR IMLENESVNEK + Oxidation (M) LMPEPOQR GCPORNPGLR GKSIGEEVGGR DBSTGSSCLARVB TWMHELPPLR + Oxidation (M) GFGCFRDIR KFINANNEVENK
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 312 593 766 1620 1275 358	415, 2294 608.8182 450.2539 879, 4379 649.8478 633.3408 575, 2906 493.2516 1180.5930 867, 4749 542, 3409 634, 8224 656.8227 455, 7413 543, 7702 576, 7849 690.8315 648.3332 471, 7434 448, 2358 649, 8227	1043.4894 828.4442 1215.6218 1347.7399 1756.8832 1297.6810 1264.6670 1148.5566 984.4886 2359.1714 1732.9352 1082.6672 1225.6322 1311.6598 999.4680 1085.5258 1151.5552 1379.6484 1294.6518 941.4722 1341.6956	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5692 984.4876 2359.1656 1732.9393 1082.6699 1267.6383 1225.6302 1311.6493 993.4668 1085.5288 1151.5571 1379.6463 1294.6492 941.4753 1341.6888	1.06 3.30 0.90 0.05 -3.59 3.48 0.59 -1.32 1.02 2.49 -2.34 -2.47 3.41 1.66 -2.69 -1.59 -1.59 2.03 -3.22 -3.16	1 0 0 0 1 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0	25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 20 21 19 20 21 19 19 20 21 19 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHLDAATSKD IMDLPPK + Oxidation (M) ANSSENDYLIGR ELGADFQLTVEK MMMGVLCTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAIGNTSVVDGK LIMELINDER + Oxidation (M) VDITKGTDH VPDAGSVLVDGTVSRLSDSER DIAKLTCAVQSSVLSAK VLSILLNPSK WITKGEMEIR AESAADFVSPLR IMLERSVVEK + Oxidation (M) LNPEPGQR GCFDKNPGLR GKSIGEEYGGR DESTOSSCLAEVE TOMBELPFLR + Oxidation (M) GPGCFKDIR KFINAGNEVEK ANCIAELMQHR KFINAGNEVEK ANCIAELMQHR KFINAGNEVEK ANCIAELMQHR
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	1508 2251 1158 757 421 3278 2176 584 1166 1006 1375 3312 553 766 2175 348 1487 1278 1068 3097 40 1708 1610 1708 1610 1708	415, 2294 608, 8182 450, 2539 879, 4339 649, 8478 633, 3408 575, 2906 493, 2516 1180, 539 647, 4749 542, 3409 634, 8286 613, 8234 656, 8327 455, 7413 543, 7702 576, 7849 690, 8315 648, 3332 471, 7434 448, 2358 649, 8227 621, 8213 1146, 0660 358, 2089 707, 3767 459, 2532 611, 3075 911, 5142	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1264.6670 194.4886 2359.1714 1732.9352 1082.6672 1267.6426 1255.6322 1311.6508 909.4680 1085.5258 1151.5552 1379.6484 1294.6518 941.4722 1341.6896 1297.6308 1241.6280 1241.4738 1374.7378 1220.6004	1043.4883 828.4415 1215.6208 1347.7398 1756.8556 1297.6765 1264.6663 1148.5682 994.4876 2359.1656 1732.9393 1025.6302 13311.6493 1295.6302 13311.6493 1295.6302 13311.6493 1295.6302 13311.6493 1295.6468 1297.6349 1241.6252 2290.1086 714.4024 4142.7334 1374.7354 1374.	1.06 0.90 0.05 3.30 0.90 0.05 3.48 0.59 3.48 1.02 2.49 3.41 1.21 1.64 1.21 2.03 3.48 2.2.69 2.13 3.88 1.16 2.33 3.88 1.16 1.69 1.71 1.00	1 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 1 1 1 0	25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 20 21 19 17 15 19 16 21 22 19 22 19 22 21 22 21 20 21 20 21 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21		SHLDAATSKD IMDLPPK + Oxidation (M) AMSSENDVLIGE ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK LAISNYSUVDGK LAISNYSUVDGK LAISLINGER + Oxidation (M) VDITKGTDH VVDAGSVLINGEVVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINFSK WITKGEMER AESAADFVSDLR IMLERSVNEK + Oxidation (M) LAFEFOQR SCPDENFOLR GKSIGEEYGGR DESTGSSCLAEVR TOMMELPPLR + Oxidation (M) GFGCFKDIR KFINASNEVENK ANCIASLWQHR GTEEGGLAPLR VISHANKVTAMERLVDGGEHK VSIQAR NEGGMEPLVFGSVK + Oxidation (M) ATDKATALESQIK MAINITAGNGR + Oxidation (M) TSVKNILPVHGANKVLK
	1508 2251 1158 757 421 1168 2176 584 1166 1006 1375 312 766 1620 1627 358 1487 1068 3097 40 955 1610 955 1610	415, 2294 608,8182 450,2539 879,4339 649,8478 633,3408 575,2906 493,2516 1180,5930 867,4749 542,3409 634,8286 613,8234 656,827 455,7413 543,7702 576,7849 690,8315 648,332 4471,7434 448,2388 649,8227 621,8213 1146,0660 358,2089 707,3767 621,8213 1145,0660 5358,2089 707,3767 611,3075 911,5142	1043.4894 828.4442 1215.6218 1347.7399 1756.8832 1297.6810 1264.6670 1148.5666 994.4886 2359.1714 1732.9352 1092.6672 1225.6322 1311.6508 909.4680 1085.5258 1151.5552 1379.6484 1294.6518 941.4722 1341.6856 1297.6308 1244.7288 1374.7388 1374.7388 1220.6004 1821.038	1043.4883 828.4415 1215.6208 1347.7398 1756.8596 1297.6765 1264.6663 1148.5682 984.4876 2359.1656 1732.9393 1092.6699 1267.6393 909.4668 1095.5288 1151.5571 1379.6463 1294.6492 941.4753 1341.6888 1297.6349 1241.6252 2290.1086 1291.4024 1412.7334 1220.6005 1821.0005 1821.0005 1821.0005 1821.0005 1821.0005 1821.0005	1.06 0.09 0.05 3.48 0.59 3.48 0.59 9.23 1.02 2.34 1.04 1.21 1.36 -2.69 -1.132 2.03 -3.22 -2.40 2.33 3.41 3.89 1.16 2.33 3.89 1.16 2.33 3.89 1.16 3.89 1.16 3.89 1.16 3.89 1.16 3.89	1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0	25 25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 21 14 4.9 20 21 19 17 15 19 19 16 21 22 19 20 21 20 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20		SHLDAATSKD INDAPPK + Oxidation (M) AMSSENDYLIGE ELGADFQLIVEK MEMOVLCTSLLISGCK + Carbamidomethyl (C); 2 Oxidation (M) VEEVDLPAGIEK LAISNYSVVDGK LAIELINGMR + Oxidation (M) VDITKGTDH VPDAGSVLVDGTVSVSLSDER DIAKLTCAVQSSVLSAK VLSILINFSK WITKGEMEIR ASSAADFVSPLR INLENFSVWEK + Oxidation (M) LAFPEPQGR SCPDRAFGLR GKSIGEEVGGR DESTGSSCLAEVE TVMHELPPLR + Oxidation (M) GGGCFKDIR KDINAGNEVENK ANCIASLAQUE ANCIASLAQUE VISILANGE VI
	1508 2251 1281 1158 757 421 3278 2176 584 1166 1006 1375 593 766 1275 388 1029 1278 1089 1097 40 1708 1610 1708 1610 1610 1610 1610 1610 1610 1610 16	415, 2294 608.8182 450.2539 879, 4339 649, 8478 633.3408 575.2906 493.2516 1180.5930 687.4749 542.3409 634.8286 613.8234 656.8327 455.7413 544.7702 576.7849 690.8315 648.332 471.7444 482.358 649, 8227 621.8213 1146.0660 358.2089 707.3767 459, 2532 611.3075 911.5142 451.1242 452.8582	1043.4894 828.4442 1215.6218 1347.7399 1756.8532 1297.6810 1246.5670 1148.5666 994.4886 2359.1714 1732.9352 1082.6672 1267.6426 1225.6322 13311.6508 909.4680 1095.5258 1151.5552 1379.6484 1294.6518 941.4722 1341.6896 1297.6308 1241.6280 1241.6280 1241.6280 1241.6280 1241.6280 1241.6388 1374.7378 1242.6308 1374.7378 1220.6004	1043.4883 828.4415 1215.6208 1347.7398 1756.8556 1297.6765 1264.6663 1148.5682 994.4876 2359.1656 1732.9393 1025.6302 13311.6493 1295.6302 13311.6493 1295.6302 13311.6493 1295.6302 13311.6493 1295.6468 1297.6349 1241.6252 2290.1086 714.4024 4142.7334 1374.7354 1374.	1.06 3.30 0.90 0.05 3.48 0.59 3.48 1.02 2.49 -2.34 1.36 1.36 2.69 -1.59 2.03 3.88 1.36 2.33 3.88 1.36 3.89 3.89 1.36 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80	1 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 1 1 1 0	25 25 25 25 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	14 27 24 17 19 18 22 19 21 20 14 4.9 20 21 19 17 15 19 16 21 22 19 22 19 22 21 22 21 20 21 20 21 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21		SHLDAATSKD IMDLPPK + Oxidation (M) AMSSENDVLIGE ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK ELGADFQLIVEK LAISNYSUVDGK LAISNYSUVDGK LAISLINGER + Oxidation (M) VDITKGTDH VVDAGSVLINGEVVSRLSDSER DIAKLTCAVQSSVLSAK VLSILINFSK WITKGEMER AESAADFVSDLR IMLERSVNEK + Oxidation (M) LAFEFOQR SCPDENFOLR GKSIGEEYGGR DESTGSSCLAEVR TOMMELPPLR + Oxidation (M) GFGCFKDIR KFINASNEVENK ANCIASLWQHR GTEEGGLAPLR VISHANKVTAMERLVDGGEHK VSIQAR NEGGMEPLVFGSVK + Oxidation (M) ATDKATALESQIK MAINITAGNGR + Oxidation (M) TSVKNILPVHGANKVLK

<b></b>										
-				1355.7157		1	24	20	1	ELGRVGAAGGVDAGK
€	1864			1550.7909		1	24	26	1	NVSMGRSMASVIGVK + Oxidation (M)
8	2120			1704.9086		0	24	17	1	APFFLPSIDSAAAISAK
8	1161		1267.6390	1320.6748	3.19 0.80	0	24 24	21 29	1	KFFEHYEIR VMVLFQDVDGAK
8						0	24	2.5	1	NALVAGSLLLLAANLAALGGVAWNR
E				2447.4012 1043.5764		1	24	36	1	VIKTFDGHK
₩		386.2340		770.4538		0	24	26	1	IPTAEIK
	1218			1283.6398		0	24	20	1	FYLETEVOLR
8				1147.5808		1	24	33	1	GECRIEAOPK
	1237			1289.6874		1	24	26	1	QAMTASLLSGRR
						0	24	19	1	SLSDNIPEDLR
	1139			1257.6201						
	1675			1397.6575		0	24	17	1	NEIYESFNINR
8	769			1151.5935		1	24		1	DIGSSLNYKR
	1047			1234.5976		0	24 24		1	MATSAATLGSPGR + Oxidation (M)
8	623			1099.5047						WTGHDTDLR
8	457			1011.5964		0	24		1	QIEVPVSIK
8				2199.2025 763.3865		1	24 24	9.5 62	1	LINWPAANRVVEAAALHAQR FDIVDR
8	122			797.4395			24	21	1	DPVLGAAR
8	168 756			1147.6237		0	24	32	1	DIQIILYDR
E	985			1225.6350			24	23	1	RMTANPVQGPR
·				1566.7790			24	27	1	SVPREFYSGLAEGR
8	1892 888			1199.5306		0	24	10	1	EOEPSOEPEK
₩.	183	401.7555	801.4964	801.4960	0.56	0	24	24	1	ITAVLTCK
8	2125			1706.9203		1	24	14	1	YLVAIGGSPGSGKTTTAK
€				1094.5972		1	24	16	1	VTASKADYIK
₩	617 2337		1784.9430		2.81	1	24	23	1	ENLSGGNQAQLQKSALK
8	463			1012.5804		0	24	27	1	ILGLLDEAGL
8	864		1191.6016		1.69	0	24	26	1	LNVGDDPHLGR
E	1160			1265.6728		0	24	23	1	LQGSEHLAVGGAK
<b>2</b>	1333		1298.6947		3.29	0	24	27	1	MNIELPGITAPK + Oxidation (M)
₩.	_			1283.6405		0	24	29	1	ISSQCGVHAGLR + Carbamidomethyl (C)
8	827			1177.5628		0	24	26	1	FNSQHYNLR
2	149	394.2314	786.4482			1	24	57	1	LITDKTP
2				1348.7238			24	24	1	LSEADVFLAKEK
E	1451			1332.7249			24	23	1	LSQESNSLISKK
₩				1716.9410			24	14	1	SLASFLPSQLLGSIER
<b>E</b>	507			1044.5087			23	29	1	VDIDELEGR
8				1748.9308			23	17	1	LNYDIKVETQGATGIK
E				1324.7139			23	18	1	FIAGOEKYITR
₩				1028.4895			23	20	1	CSMIGHPIR + Oxidation (M)
₩	152			786.4487			23	38	1	LITOKTP
8	768			1151.5539			23		1	SCMRVTLNR + Carbamidomethyl (C); Oxidation (M)
<b>E</b>	906			1205.5928			23		1	DEGIIFDLER
2				1750.9804		1	23	7.9	1	KVFKPAPVEMLDHIK
<b>E</b>				2060.0295		1	23	27	1	CFLKCDNVLSNLAIGHTR + Carbamidomethyl (C)
₩	_			1662.7672		0	23	19	1	AQSGGPVEDAVFAEMR
₩	836			1177.5761		0	23	32	1	SMTSALEGINR
8									1	EALANEILGSGRR
	1640			1384.7422		1	23	27		
		693.3759	1384.7372	1384.7422 1748.9308	-3.60	1	23 23	27 18	1	
<b>W</b>	2224	693.3759 875.4731	1384.7372 1748.9316	1748.9308	-3.60 0.47		23	18		AAPEPAVTPQLEQLSAK
	2224 115	693.3759 875.4731 380.6951	1384.7372 1748.9316 759.3756	1748.9308 759.3763	-3.60 0.47 -0.81	0			1	
¥	2224 115 121	693.3759 875.4731 380.6951 382.7002	1384.7372 1748.9316 759.3756 763.3858	1748.9308 759.3763 763.3865	-3.60 0.47 -0.81 -0.80	0	23 23	18 54 35	1	AAPEPAVTPQLEQLSAK QEGGELK FDDVIR
* * *	2224 115 121 1500	693.3759 875.4731 380.6951 382.7002 673.3724	1384.7372 1748.9316 759.3756 763.3858 1344.7302	1748.9308 759.3763 763.3865 1344.7323	-3.60 0.47 -0.81 -0.80 -1.51	0 0 0	23 23 23	18 54	1 1 1	aapepavtpqleqlsak qeggelk
8 8 8	2224 115 121 1500 2193	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260	1748.9308 759.3763 763.3865 1344.7323 1733.9312	-3.60 0.47 -0.81 -0.80 -1.51 -2.94	0 0 0	23 23 23 23	18 54 35 29	1 1 1	AAPEPAVTPQLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M)
* * *	2224 115 121 1500 2193 765	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35	0 0 0 0	23 23 23 23 23	18 54 35 29 24 35	1 1 1 1	AAPEPAVTPQLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK
	2224 115 121 1500 2193 765 958	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73	0 0 0 0 1	23 23 23 23 23 23 23	18 54 35 29 24 35 26	1 1 1 1 1	AAPEPAVTPQLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK MRPAFAEULE SSAASYAAIDLR
X X X X X X	2224 115 121 1500 2193 765 958 1429	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97	0 0 0 0 1 1	23 23 23 23 23 23 23 23	18 54 35 29 24 35 26 23	1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKIASK MEDPARHLE SSAASYAAIDLR MLSLEFOTSGUR + Oxidation (M)
	2224 115 121 1500 2193 765 958 1429 987	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55	0 0 0 0 1 1 0	23 23 23 23 23 23 23 23 23 23	18 54 35 29 24 35 26 23 27	1 1 1 1 1 1 1	AAPEPAVTPQLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK MRPAFAEULE SSAASYAAIDLR
X X X X X X	2224 115 121 1500 2193 765 958 1429	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8227	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1225.6350	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55	0 0 0 0 1 1 0	23 23 23 23 23 23 23 23 23 23 23	18 54 35 29 24 35 26 23	1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEGGELK FDDVTR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK MEDPARMLE SSAASYAATUR MLSLKFGTSGLR + Oxidation (M) VDGGGIMMLK + Oxidation (M)
	2224 115 121 1500 2193 765 958 1429 987 962	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8227	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6308	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1225.6350	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36	0 0 0 0 1 1 0 1	23 23 23 23 23 23 23 23 23 23 23 23	18 54 35 29 24 35 26 23 27	1 1 1 1 1 1 1 1 1	AAPERATPOLEGISAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIAGK MEDFAEMLE SSAASYAATUR MLSLKFGTSGUR + Oxidation (M) VDGGRGIHLH + Oxidation (M) CALENBUVSLR
X X X X X X X X X	2224 115 121 1500 2193 765 958 1429 987 962 2185 355	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8232 867.4764 471.2871	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6308 1732.9382 940.5596	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1225.6350 1732.9359	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 1.35 0.36	0 0 0 0 1 1 0 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23	18 54 35 29 24 35 26 23 27 28	1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLGAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) F1AASHNIQEKIASK MRDFAENLR SSAASYAATDLR MLSLEFFGGLR + Oxidation (M) VDGGGIMHLR + Oxidation (M) CALRDHGVSLR YVELVQGSLELEKR
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8227 867.4764 471.2871 765.9072	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6308 1732.9382 940.5596	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1732.9359 940.5593	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 1.35 0.36 -1.66	0 0 0 0 1 1 0 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23	18 54 35 29 24 35 26 23 27 28 17	1 1 1 1 1 1 1 1 1 1	AAPEPAVTPQLEQLSAK QEGGELK FDDVTR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK MEDPAEMILR SSAASYAATDLR MLSLKFGTSGLR + Oxidation (M) VDGGGIMMLR + Oxidation (M) CALEDHOVSLR YVELVQQSLELEKR KLDPVELK
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8227 867.4764 471.2871 765.9072	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1232.9359 940.5593 1529.8024 1117.5186	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 1.35 0.36 -1.66 -1.20	0 0 0 1 1 0 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPOLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FLAASHNIOEKLASK MEDPAEMILR SSAASYAAIDLR MLSLEFOTSGLR + Oxidation (M) VDGGGGMMIR + Oxidation (M) CALENDAVOSLR YVELVQQSLELEKR KLDDVELK WEDAMNIALIKK WEDAMNIALIK
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8232 867.4764 471.2871 765.9072 559.7659	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1232.9359 940.5593 1529.8024 1117.5186	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 1.35 0.36 -1.66 -1.20	0 0 0 0 1 1 0 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEGGELK FDDVTR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK MEDPASMIR SSASYAATDLR MLSLEFFGSGLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) CALEDHOVELR KYULVOSSLELEERR KLDPVELK WDDAMKONLAIK SCPENKADLR
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8222 867.4764 471.2871 765.9072 559.7659 426.7455 521.3008	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6318 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1732.9359 940.5593 1529.8024 1117.5186 851.4752	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 1.35 0.36 -1.66 -1.20 0.23 0.45	0 0 0 1 1 0 1 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 16 29	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERAVTPOLEGLEAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIAGK MEDFALENLE SSAASYAATUR MLSLKFGTSGLR + Oxidation (M) VDGGGIMHLR + Oxidation (M) CALEPHOVSLR YVELVQGSLELEER KLDPVELK WEDDAMSHLALK SCPDNKADLR AITASVYK
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260 494	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8222 867.4764 471.2871 765.9072 559.7659 426.7455 521.3008	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6318 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1223.6146 1324.7173 1225.6350 1225.6350 1732.9359 940.5593 1529.8024 1117.5186 851.4752 1040.5866 1187.6146	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.95 -3.36 1.35 0.36 -1.66 -1.20 0.23 0.45 3.08	0 0 0 1 1 0 1 1 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 16 29 20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FJAASHNIQEKIASK MRDFAENLR SSASYAATDLR MSLIFFOTSGLR + Oxidation (M) VDOGRGIMMIR + Oxidation (M) CALRDHGVSLR YVELVQQSLELEERR KLDFVELK WNDAMMINLALIK SCPDMKADLR AITASVYK LPADDAAKLK
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260 494 856	693,3759 875,4731 380,6951 382,7002 673,3724 867,9703 576,2830 408,8791 442,5784 613,8227 867,4764 471,2871 765,9072 559,7659 426,7450 521,3008 594,8164 376,7006	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6308 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 751.3866	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1223.6146 1324.7173 1225.6350 1225.6350 1732.9359 940.5593 1529.8024 1117.5186 851.4752 1040.5866 1187.6146	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 -1.66 -1.20 0.23 0.45 3.08	0 0 0 0 1 1 1 1 1 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 16 29 20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEGGELK FDDVTR GLIVIDMSSIGPK + Oxidation (M) FIAASNTNIQEKIASK MODPAEMIAR SSAASYAATDLR MSLEKFTSGUR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) CALROHGVELR KLDPVELK WIDAMKNILLAIK SCPENKADLR AITASVYK LPADDAAKLK KULPSASLEDR
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260 494 856 95	693,3759 875,4731 380,6951 382,7002 673,3724 867,9703 576,2830 408,8791 442,5784 613,8227 867,4764 471,2871 765,9072 559,7659 426,7450 521,3008 594,8164 376,7006	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1732.9382 940.5596 1529.7998 1117.5172 851.4587 1040.5870 1187.6182 751.3866	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1223.6146 1324.7173 1225.6350 1225.6350 1225.6350 1232.9359 940.5593 1529.8024 1117.5186 851.4752 1040.5866 1187.6146	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 1.35 0.36 -1.66 -1.20 0.23 0.45 3.08 0.27 -3.38	0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 16 29 20 44 43	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQMKLASK MEDFAEMILE SSAASYAAIDLR MCSLEFOTSGUR + Oxidation (M) VDGGGIMHUR + Oxidation (M) CALEDHOVELK VVELVQOSLELEKR KLDPVELK WONDAMMINIALIK SCPUNKADUR AITASVYK LPADDAMKLK KDLPASLSDR VDVSIR
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260 494 856 95 1104 116	693,3759 380,6951 382,7002 673,3724 867,9703 576,2830 408,8791 442,5784 613,8222 613,8227 867,4764 471,2871 765,9072 559,7659 426,7450 521,3008 594,8164 376,7006 625,8094 380,6955	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1224.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1149.6882 751.3366 1249.6042 759.3366	1748.9308 799.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1225.6350 1225.6350 1232.9359 940.5593 1529.8024 1117.5186 881.4752 1040.5866 1187.6146 751.3844 1249.6085	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 -1.66 -1.20 0.23 0.45 3.08 0.27 -3.38	0 0 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 16 29 20 44 43 33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLGAK QEGGELK GEGGELK GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKIASK MRDFAENLR SSAASYAATDLR MSLEFFGIGLR + Oxidation (M) VDGGGIMMIR + Oxidation (M) VDGGGIMMIR + Oxidation (M) CALRDHGVSLR KUDDAWGMINLALIK SCPDNKADLR AITASVYK LPADDAMKLK KDLPSASLEDR YDVSIR SGGGLGGSAGIMR
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 664 260 494 856 95 1104 116	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 442.5784 613.8227 867.4764 471.2871 765.9072 559.7659 426.7659 521.3008 594.8164 376.7006 625.8094 380.6955 649.7986	1384.7372 1748.9316 793.3756 763.3858 1344.7302 1733.9260 1150.5514 1225.6318 1225.6318 1225.6318 1232.9382 940.5596 1529.7998 1117.5172 8851.4754 1040.5870 1187.6182 7951.3866 1249.6042 7759.3764 1297.5826	1748.9308 759.3763 763.3865 1344.7323 1733.9312 1150.5553 1223.6146 1324.7173 1225.6350 1225.6350 1225.6350 1239.8024 1117.5186 851.4752 1017.5186 1187.6166 1187.6166	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 0.36 -1.66 -1.20 0.23 0.45 3.08 0.27 -3.38 0.24 -0.65	0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 16 29 24 43 35 35 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERATTPOLEGLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FJAASHNIQEKIASK MEDFAERLE SSAASYAAIDLE MISIKFOTSGIR + Oxidation (M) VDOGRGIMHIR + Oxidation (M) CALEDHOVSLE YVELVOGSLELEER KLDPVELK WHDAMKNIMLAIK SCPINKADLE AITASVYK LPADDANKLK KDLPSABLDE YDVSIR SGSGLGSSAGIME NISEGIQ
	2224 115 120 2193 765 958 1429 962 2185 355 1842 664 260 494 856 95 1104 116 1277 527	693,3759 875,4731 380,6951 382,7002 673,3724 867,9703 576,2830 408,8791 442,5784 613,8227 613,8227 613,8227 623,807 624,3008 594,8164 376,7006 625,8094 380,6955 649,7986	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1224.7134 1225.6318 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 751.3866 1249.6042 759.3764 1249.6042 759.3764	1748,9308 759,3763 763,3865 1344,7323 1733,9312 1150,5553 1223,6146 1324,7173 1225,6350 1732,9359 940,5593 1529,8024 1117,5186 851,4752 1040,5866 1187,6146 751,3844 1249,6085 759,3763	-3.60 0.47 -0.81 -0.81 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 0.36 -1.66 -1.20 0.23 0.45 3.08 0.27 -3.38 0.27	0 0 0 0 1 1 1 1 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 35 26 23 27 28 17 17 33 31 16 29 20 44 3 33 57 57 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) F1AASHNIQEKIASK MRDFAENLR SSASYAATDLR MSLIFFGIGUR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) CALREDROVALR YVELVQQSLELEKR KLDPVELK WNDAWNIGHLAIKK SCPDMKADLR AITASVYK LPADDAAKLK KDLPSASLEDR YDVSIR SGSGLQSSAGLMR NISECIQ MUPSFYMLEK + Oxidation (M)
	2224 115 120 2193 765 958 1429 962 2185 355 1842 664 260 494 856 95 1104 116 1277 527	693,3759 875,4731 380,6951 382,7002 673,3724 867,9703 576,2830 408,8791 442,5784 613,8222 633,8227 867,4764 471,2871 765,9072 552,3008 524,57450 521,3008 594,8164 376,7006 625,8094 380,6955 649,7986 528,7891 613,8227	1384.7372 1748.9316 793.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1224.7134 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318 1225.6318	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1223, 6146 1324, 7173 1225, 6350 1225, 6350 1225, 6350 1225, 6350 1259, 8024 1117, 5186 851, 4752 1040, 5596 1187, 6146 751, 3364 1249, 6005 759, 3763 1297, 5835 1095, 5635	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -0.73 -2.55 -3.36 1.35 0.36 -1.66 -1.20 0.23 0.45 3.08 0.27 -3.38 0.24 -0.65 2.40 -3.02	0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 355 29 24 33 26 23 37 17 7 28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERATPOLEGLEAK QEGGELK GEGELK GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIARK MEDFAEMILR SSAASYAATULR MLSIKFGTSGIR + Oxidation (M) VOGGGIMILK + Oxidation (M) VOGGGIMILK + Oxidation (M) CALENDROVELR YVELVQGSLELER KLDPVELK WENDAMCHIALAIK SCPDMKADLR AITASYK LPADDAAKLK KDLPSASLEDR YDVSIR SGGGLOSSAGLMR NISEGIQ MHFSFYMLEK + Oxidation (M) IPPNQVEKK
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 260 494 856 95 1104 116 1277 968	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8227 613.8227 62.820 62.820 62.820 63.8227 63.8227 64.1750 62.820 63.8227 64.820 63.8227 63.8227 63.8227 65.97659 62.820	1384.7372 1748.9316 793.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6308 1732.9392 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 751.3866 1225.6312 1225.6312	1748,9308 759,3763 763,3865 1344,7323 1733,9312 1150,5553 1223,6146 1224,7173 1225,6350 1732,9359 940,559 1529,8024 1117,5186 8851,4752 1040,5866 1187,6146 751,3864 249,6085 759,3763 1297,5835 1297,5835	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.55 -3.36 1.35 0.36 -1.66 -1.20 0.23 0.45 3.08 0.27 -3.38 0.27 -3.38 0.27	0 0 0 1 1 1 1 1 1 1 0 0 0 1 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 28 17 7 28 29 20 44 43 35 77 17 28 29 29	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERATTQLEQLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKIASK MEDFAERILE SSAASYAAIDLR MCSLEFOTSGUR + Oxidation (M) VDGGGIMHUR + Oxidation (M) CALEDHOVELK VVELVQOSLELEKR KLDDVELK WEDMARKHIMIAIK SCPENKADUR AITASVIK LPADDAMKUK KDLPASLSDR VDVSIR SGGGGSAGIMR NISEGIQ MHPSFYMLEK + Oxidation (M) IFDNQVDKK MEMBERSHELDR VDVSIR SGGGLGSAGIMR NISEGIQ MHPSFYMLEK + Oxidation (M) IFDNQVDKK MEMSCLAGERT + Oxidation (M)
	2224 115 121 1500 2193 765 958 1429 987 962 2185 355 1842 260 494 856 494 116 1277 527 568 448 448	693,3759 875,4731 382,7002 673,3724 867,9703 576,2830 408,8791 442,5784 613,8222 613,8227 867,4764 471,2871 765,9072 559,7659 426,7450 521,3008 594,8164 376,7006 625,8094 380,6955 649,7866 528,7891 613,8229 503,7618 704,307618	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1224.7134 1225.6308 1732.9382 940.5556 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 751.3866 1229.6328 1239.3764 1297.5826 1205.5826 1225.6312 1005.5900 1566.7844	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1223, 6146 1324, 7173 1225, 6350 1732, 9359 940, 5593 1529, 8024 1117, 5186 851, 4752 1040, 5866 1187, 6146 7751, 3364 1249, 6085 779, 3763 1297, 5835 1055, 5611 1205, 5349 1005, 5091	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.55 -3.36 1.35 0.36 -1.66 -1.20 0.45 3.08 0.27 -3.38 0.24 -0.55 0.30 0.24 -0.55 0.30 0.24 -0.80 0.89	0 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 43 55 26 23 37 17 28 29 29 29	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPQLEQLSAK QEGGELK GEGGELK GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKTASK MRDFAENLR SSASYAATDLR MSLIFFGSGLR + Oxidation (M) VDGGSGMMILR + Oxidation (M) VDGGSGMMILR + Oxidation (M) CALRDHGVSLR YVENVQQSLELEERR KLDPVELK WNDAWKHALHAIK SCPDNKADLR AITASVYK LPADDAAKLK KDLPSASLEDR YDVSTR SSGGLGSAGIMG NISECIQ MH9SFYMLEK + Oxidation (M) IPDNQVDKK HMSQLAGRIR + Oxidation (M) VDITGTSSR
	2224 115 121 1500 2193 765 958 987 962 2185 1842 664 260 95 1104 856 95 1104 1277 527 968 1107 110	693.3759 875.4791 880.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8227 867.4764 471.2871 755.9072 526.7450 521.3008 594.8164 376.7006 625.8094 380.6955 649.7986 528.7891 613.8229 503.7618 784.3995	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1225.6318 1225.6308 1225.6308 1117.5172 851.4754 1040.5870 1167.6182 775.3764 1297.5826 1249.6042 779.3764 1297.5826 1255.636	1748,9308 759,3763 763,3865 1344,7323 1733,9312 1150,5553 1223,6164 1324,7173 1225,6350 1732,9359 940,5593 1529,8024 1117,5186 851,4752 1040,5866 1187,6186 751,3864 1249,6085 759,3763 1297,5835 1095,5631 1225,6349 1005,5091	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.73 -2.97 -2.55 -3.36 -1.60 0.23 0.45 3.08 0.27 -3.38 0.27 -3.38 0.27 -3.38 0.27 -3.38 0.27 -3.38 0.27 -3.08 -3.08 -	0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 35 29 24 4 35 26 23 27 27 27 17 33 16 29 20 44 33 33 57 17 28 29 29 39 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERATTOLEGLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIASK MEDFAERLE SSAASYAAIDLE MUSIKFOTSGIR + Oxidation (M) VDOGRGIMHIR + Oxidation (M) CALEDHOVSLE YVELVQQSLELEER MLDPVELK WHDAMKNINLAIK SCENMEADLE AITASVYK LPADDANKLK KDLPSASLEDR YDVSIR SGGLQSSAGIME NISEGIQ MHPSFYMLEK + Oxidation (M) LPDNGVOKK HMEGLAGRIR + Oxidation (M) VDITQTSSE
	2224 115 1500 2193 7655 958 1429 987 962 2185 2355 1842 260 494 856 1104 116 1277 968 448 448 449 1297 968 1499 1590 1590 1590 1590 1590 1690 1690 1690 1690 1690 1690 1690 16	693,3759 875,4731 380,6951 382,7002 673,3724 867,9703 578,2830 408,8791 442,5784 613,8227 613,8227 625,8094 471,2871 765,9072 559,7659 426,7450 521,3008 521,3008 524,8164 376,7006 625,8094 380,6955 649,7986 523,8981 613,8229 503,7618 784,3995 452,9127 517,9369	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 1123.6155 1224.7134 1225.6308 1732.9382 940.5596 1529.7998 1171.5172 851.4754 1040.5870 1187.6182 751.3866 1225.6312 1005.55636 1225.6312 1005.5784 1355.7889	1748,9308 759,3763 763,3865 1344,7323 1733,9312 1150,5553 1223,6146 1324,7173 1225,6350 1732,9359 940,5593 1523,8024 1117,5186 851,4752 1040,5866 1187,6146 751,3844 1249,6085 779,3763 1255,6561 12	-3.60 0.47 -0.81 -0.80 -1.51 -0.80 -1.51 -0.80 0.73 -2.55 0.36 -1.66 0.23 0.45 0.46 -0.65 0.27 -3.38 0.27 -3.38 0.27 -3.38 0.27 -3.38 0.89 -2.63 0.89 -2.30 0.89 -2.33 3.0	0 0 0 0 1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 55 29 24 4 35 26 6 23 27 28 29 20 44 4 4 3 35 77 17 28 29 29 39 30 36 36	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPEPAYTPOLEQLEAK QEGGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIASK MRDFAENLR SSAASYAAIDLR MSLIFFOTSGLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) CALROHOVELR YVELVQQSLELEKR KLDFVELK WNDAMKHALLIK SCENNKADLR AITASVYK LPADDAAKLK KDLPSASLEDR YDVSIR SGGGLQSSAGIMR NISEGIQ MHPSFYMLEK + Oxidation (M) IPDNQVDKK HMGGLAGRIR + Oxidation (M) VDITQTSSR YAEPFSALAWLSGR LRSLEGMDPLDQ
	2224 115 121 1500 2193 765 958 1429 987 962 235 1842 664 494 856 494 116 1277 5277 5277 968 448 1900 19	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8232 613.8227 867.4764 471.2871 765.9072 559.7659 426.7450 521.3008 594.8164 376.7006 625.8094 386.7876 636.7891 613.8229 503.7618 874.3995 528.7891 613.8229 503.7618 874.3995 528.7891	1384.7372 1748.9316 759.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1223.6358 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1227.8308 1227.8308 1227.8308 1227.8308 1227.8308 1227.8308 1227.8308 1227.8308 1237.8308 1238.6308 1249.6302 1259.3764 1259.3764 1255.636 1249.6376 1255.636 1255.636 1255.636 1255.7899 1117.5146	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1222, 6350 1224, 7173 1225, 6350 1732, 9359 940, 5593 1529, 8024 1117, 5186 751, 3864 751, 3864 751, 3864 751, 3864 129, 6085 799, 3763 1297, 5835 1055, 5641 1225, 6349 1005, 5091 1566, 7831 1355, 7197	-3.60 0.47 -0.81 -0.80 -1.51 -2.94 -3.35 0.36 1.35 0.36 -1.20 0.23 0.23 0.24 -0.65 3.08 0.24 -0.65 -0.20 0.23 0.24 -0.65 -0.20 -0.30 0.24 -0.65	0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 55 29 24 4 35 52 77 27 17 33 16 29 20 44 3 33 57 7 17 28 29 29 39 30 36 52 22	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERATTOLEGLEAK QEGGELK GEOGELK GLIVIDMSSIGPK + Oxidation (M) FILASHNIQEKIAGK MEDFAERLE SSAASYAATUR MLSLKFGTSGLR + Oxidation (M) VOGGGIMHIR + Oxidation (M) CALEDHOVSLR YVELVQQSLELER KLDPVELK WEDDAMCHIKLAIK SCPDHKALIR AITASVYK LPADDAMKLK KDLPSASLEDR YDVSLR SGSGLQSSAGLMR MISSCIQ MHSSFYHLEK + Oxidation (M) IPDNQVKK HMGGLAGRIR + Oxidation (M) VDITOTSSR YAEPFSALMUSGR LRSLFGRDFLPQ ELATVSDYLDAARR
	2224 115 1500 2193 765 988 1429 987 988 355 1842 2185 3664 494 494 1104 1104 1107 1277 968 1290 1550 1890 1550 1662	693.3759 875.4731 380.6951 382.7002 673.3724 867.9703 576.2830 408.8791 442.5784 613.8222 613.8227 625.8094 471.2871 765.9072 559.7659 26.7450 521.3008 594.8164 376.7006 625.8094 380.6955 640.7986 528.7891 613.8229 503.7618 784.3955 545.9157 517.9369 559.7666	1384.7372 1748.9316 793.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1223.6158 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6308 1225.6312 1005.5990 1566.7844 1355.7889 1117.5146	1748,9308 759,3763 763,3865 1344,7323 1733,9312 1150,5553 1224,7173 1225,6350 1732,9359 940,559 1529,8024 1117,5186 881,4752 1040,5866 1751,3864 1249,6085 759,3763 1297,5835 1055,5611 1225,6390 1055,6791 1175,5197	-3.60 (0.47 (0.81	0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 35 29 24 4 35 26 6 6 23 36 27 28 29 20 44 43 33 35 57 17 28 29 29 39 30 36 22 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AAPERATTQLEQLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKIASK MEDFAERILE SSAASYAAIDLE MCSLEFOTSGUR + Oxidation (M) VDGGGIMHUR + Oxidation (M) CALEDHOVSLE YVELVQOSLELEKE KLDEVELK WEDMARKHALIKK SCPENKADLE AITASVIK LPADDAMILK KDLPSALSDR YDVSIR SGGGGSAGIME NISEGIQ MHPSFYMLEK + Oxidation (M) IFDNQVDKK HEGGLAGERT + Oxidation (M) VDITQTSSE YASPESLAWLSGE LRELEGNDELDQ ELRIVSDVLDAMER SHEGTIDDLE
	2224 115 1500 2193 7655 958 1429 987 962 2185 664 260 95 1842 260 95 1842 185 95 1842 116 1277 968 448 1277 968 448 1277 968 1277 968 448 1277 968 1856 1856 1856 1856 1856 1856 1856 18	693, 3759 875, 4791 380, 6951 382, 7002 673, 3724 867, 9703 576, 2830 408, 8791 442, 576, 2830 408, 8791 442, 576, 4830 408, 8791 442, 576, 4830 408, 8791 442, 576, 4830 408, 8791 442, 576, 4830 594, 8164 471, 2871 575, 7659 426, 7450 521, 3008 594, 8164 437, 986 528, 7891 613, 8229 503, 7618 784, 3995 426, 7991 613, 8229 575, 7646 420, 2142 650, 3542 553, 2686	1384.7372 1748.9316 789.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1224.7134 1223.6155 1224.7134 1225.6318 1225.6308 1732.9392 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 751.366 1295.6566 1295.7689 1117.5172 1255.6368 1255.7689 1117.5172 1255.6368 1255.7689 1117.5186 1257.6208 1258.6938 1256.7840	1748, 9308 759, 3763 763, 3865 1344, 7323 1150, 5553 1223, 6146 1324, 7173 1225, 6350 1732, 9359 160, 5593 1523, 8024 1117, 5186 881, 4752 1040, 5866 1187, 6146 759, 3763 1297, 5651 1298, 667831 1355, 7197 1550, 7940 1117, 5152 1257, 6116 1258, 6942 1256, 6794	-3.60 (0.47 (-0.81 (-0.	0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 54 54 54 54 54 54 54 54 54 54 54		AAPERATPOLEQLEAK QEGGELK GEGGELK GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIASK MRDFAENLR SSAASYAAIDLR MSLIFFOTSGLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) CALREDGVELK YVELVQQSLELEKR KLDEVELK WEDMANNIALIK SCENNKADLR AITASVYK LFADDANLK KDLPSASLEDR YDVSTR SGGGLQSSAGLMR NISEGIQ MHSSTYMLEK + Oxidation (M) IPPNQVDKK HMGGLARTR + Oxidation (M) VDITQTSSR YAEPFSALAMLSGR LASLEGMDELDQ ELATVSDYLDAARR SHOTIDDLR VLAPEGAMMER SUNERFYSCLAMER SUNERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER
	2224 115 1500 2193 7655 958 1429 987 262 2185 355 664 260 494 494 1116 1277 527 527 1106 486 486 486 486 486 486 486 486 486 48	693, 3759 875, 4731 380, 6951 382, 7002 673, 3724 867, 9703 578, 2830 408, 8791 442, 5784 613, 8227 667, 4762 67, 9703 578, 9702 578, 97	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 11233.6155 1324.7134 1223.6155 1324.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 759.3764 1297.5926 1298.6312 1005.5900 1566.7844 1355.7163 1550.7889 1117.5146 1257.6208 1298.6938 1257.6208	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1222, 6350 1232, 6350 1732, 9359 940, 5593 1529, 8024 1117, 5186 851, 4752 1040, 5866 11424, 6085 779, 3763 1297, 6349 1297, 6349 1297, 6349 1117, 5152 1245, 6349 11566, 7631 1255, 6349 11566, 7631 1255, 6349 117, 5152 1257, 6176 1298, 6942 1257, 6176 1298, 6942 1566, 7790 1332, 7323	-3.60 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.45	0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 55 29 24 4 35 26 23 27 28 8 17 17 28 29 20 44 43 33 35 57 7 17 28 29 29 39 30 36 6 22 30 32		AAPERATTOLEGLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIASK MEDFAERLE SSAASYAAIDLR MISLEFOTSGIR + Oxidation (M) VDOGRGIMHLE + Oxidation (M) CALEDHOVSLE YVELVQOSLELEER KLDPVELK WIDDAMNIMILAIK SCPINKADLR AITASVK LPADDAMKLK KDLPSABLEDR YDVSIR SGGLQSSAGIMR NISEGIQ MHPSFYMLEK + Oxidation (M) TIPHNYVMK HMBOLAGRIR + Oxidation (M) VDITQTSSE YAEFSALAWLSGR LRSLEGRIDDLEQ LLATYSDYLDAKR SHFQTDDLR VLAFEGAMMER SSMLEPRSCIEPK
	2224 115 1500 2193 7658 1429 987 962 2185 385 3842 664 494 856 695 1104 1116 1277 968 1290 1500 1662 1311 1312 1312 1318	693, 3759 875, 4731 380, 6951 382, 7002 673, 3724 867, 9703 578, 2830 408, 8791 442, 5784 613, 8227 667, 4762 67, 9703 578, 9702 578, 97	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 11233.6155 1324.7134 1223.6155 1324.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 759.3764 1297.5926 1298.6312 1005.5900 1566.7844 1355.7163 1550.7889 1117.5146 1257.6208 1298.6938 1257.6208	1748, 9308 759, 3763 763, 3865 1344, 7323 1150, 5553 1223, 6146 1324, 7173 1225, 6350 1732, 9359 160, 5593 1523, 8024 1117, 5186 881, 4752 1040, 5866 1187, 6146 759, 3763 1297, 5651 1298, 667831 1355, 7197 1550, 7940 1117, 5152 1257, 6116 1258, 6942 1256, 6794	-3.60 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.45	0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 54 54 54 54 54 54 54 54 54 54 54		AAPERATPOLEQLEAK QEGGELK GEGGELK GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIASK MRDFAENLR SSAASYAAIDLR MSLIFFOTSGLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) VDGGRGIMHLR + Oxidation (M) CALREDGVELK YVELVQQSLELEKR KLDEVELK WEDMANNIALIK SCENNKADLR AITASVYK LFADDANLK KDLPSASLEDR YDVSTR SGGGLQSSAGLMR NISEGIQ MHSSTYMLEK + Oxidation (M) IPPNQVDKK HMGGLARTR + Oxidation (M) VDITQTSSE YAEPFSALAMLSGR LASLEGMDELDQ ELATVSDYLDAARR SHOTIDDLR VLAPEGAMMER SUNERFYSCLAMER SUNERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER SVPERFYSCLAMER
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	2224 115 121 1500 2193 2193 987 962 2193 355 1842 260 494 260 494 110 1277 527 968 448 448 110 1277 527 662 1131 1312	693, 3759 875, 4731 380, 6951 382, 7002 673, 3724 867, 9703 576, 2830 408, 8791 442, 5784 613, 8222 613, 8227 867, 4764 471, 2871 765, 9072 559, 7659 426, 7450 521, 3008 594, 8164 376, 7006 625, 8094 380, 6955 649, 7866 528, 7898 523, 7818 784, 395 542, 127 517, 9369 559, 7646 420, 2142 523, 2686 440, 2142 523, 2686 441, 2686 420, 2142 523, 2686 420, 2142 523, 2686 420, 2142 523, 2686 420, 2142 523, 2686 420, 2142 523, 2686 430, 2342 523, 2686 441, 2842 523, 2686 442, 2636 613, 8242 943, 4734 613, 8242	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 11223.6155 1324.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 759.3764 1297.5826 1205.5636 1225.6312 1005.5900 1566.7844 1355.7163 1559.7869 1117.51166 1225.6388 1117.5126 1225.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388 1236.6388	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1222, 6146 1324, 7173 1225, 6350 1732, 9359 940, 5593 1529, 8024 1117, 5186 851, 4752 1040, 5866 1249, 6085 759, 3763 1297, 5835 1055, 5611 1225, 6349 1005, 5091 1566, 7881 1355, 7197 1566, 7881 1355, 7197 1576, 7790 1117, 5152 1287, 6176 1298, 6942 1566, 7790 1312, 75835 1297, 6176 1298, 6342 1566, 7790 1312, 75835 1297, 6176 1298, 6342 1266, 7790 1312, 75835 1267, 6176 1278, 6176 1288, 6342 1266, 7790 1312, 75835 1262, 6349 1884, 9345 12825, 6349 1884, 9345 12825, 6349 1884, 9345 12825, 6349 1884, 9345 12825, 6349 1884, 9345 12825, 6349	-3.60 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.45	0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 55 29 24 43 35 26 23 27 28 29 29 39 30 36 22 36 27 30 56 27 30 56 57 57 57 57 57 57 57 57 57 57 57 57 57		AAPERATTQLEQLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKIASK MEDFAERILE SSAASYAAIDLR MCSLEFOTSGUR + Oxidation (M) VDGGGIMHUR + Oxidation (M) VDGGGIMHUR + Oxidation (M) CALEDHOVSLE YVELVQOSLELEKR KLDDVELK WONDAMRHIMIAIK SCPUNKADLR AITASVIK LPADDAMKLK KDLPSASLSDR YDVSIR SGGGQSSAGIMR NI SEGIQ MHPSFYMLEK + Oxidation (M) IPDNQVDKK HMEGLAGRIR + Oxidation (M) VDITGTSSR YARFFSALMLSGR LRSLEGNDELDQ ELATVSDYLDAAKR SHEYTDDLR VLAPEGAMMER SSNLSPRSGIGPK SVPREFYSGLAEGR ELIMSVGLAKEK + Oxidation (M) MSSARLQDLR
	2224 115 121 1500 2193 2193 987 962 2193 355 1842 260 494 260 494 110 1277 527 968 448 448 110 1277 527 662 1131 1312	693, 3759 875, 4731 380, 6951 382, 7002 673, 3724 867, 9703 576, 2830 408, 8791 442, 576, 2830 408, 8791 442, 576, 2830 408, 8791 442, 576, 2830 408, 8791 442, 576, 2830 521, 3008 554, 8164 571, 2871 571, 972 571, 972 571, 973 571, 973 571, 973 571, 973 571, 973 571, 973 571, 973 571, 973 571, 973 571, 973 571, 973 572, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 573, 973 574 574 575, 974 57	1384.7372 1748.9316 789.3756 763.3858 1344.7302 1733.9260 1150.5514 1223.6155 1324.7134 1223.6155 1324.7134 1225.6318 1225.6308 1232.7998 1152.7998 1147.5126 1249.6042 759.3764 1259.5636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.7636 1259.6363 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638 1250.7638	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1223, 6146 1324, 7173 1225, 6350 1732, 9359 940, 5593 1523, 8024 1117, 5186 881, 4752 1040, 5866 1187, 6146 751, 3864 1249, 6085 759, 3763 1297, 5835 1055, 5611 1256, 67831 1355, 7197 1550, 7940 1117, 5152 1257, 6176 1256, 6792 1322, 6349 1884, 9345 1225, 6302 1225, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1232, 6302 1248, 6211	-3.60 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.45	0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 55 55 56 56 56 56 56 56 56 56 56 56 56		AAPERATTOLEGLEAK QEGGELK GEGGELK GLIVIDMSSIGPK + Oxidation (M) FILASHNIQEKIARK MEDFALER SSAARYAATLUR MLSLKFGTSGLR + Oxidation (M) VOGGGIMHIR + Oxidation (M) VOGGGIMHIR + Oxidation (M) CALERDHOVSLR YVELVQOSLELER KLDPVELK WEDDAMCHIALIK SCPDHKALLR AITASVYK LPADDAMKLK KDLPSASLEDR YDVSIR SGGLQSSAGIMR NISEGIQ MHPSFYMLEK + Oxidation (M) IDPNOVEKK HMGGLAGRIR + Oxidation (M) VDITOTSSR YARPPSALMILSGR LRSLFCHDPLPQ ELATVSSYLDAARR SHFOTDOLR VLAPEGGAMMER SVNEPSYGLAEK + Oxidation (M) MSARLQDLR SVYLEFSCOLOPK SVYLEFSC
	2224 115 121 1500 2193 765 958 962 2193 355 1842 260 494 494 116 1277 968 448 448 1490 1550 1550 1662 1312 1898 1499 1	693, 3759 875, 4731 382, 7002 673, 3724 867, 9703 578, 2830 408, 8791 442, 5784 613, 8227 634, 8227 654, 8764 675, 8766 675, 8	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 11233.6155 1324.7134 1223.6155 1324.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 759.3764 1297.5926 1298.6312 1095.5563 1225.6312 1095.5563 1225.6312 1095.5563 1225.6312 1095.5563 1225.6312 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1225.6328 1225.6328 1225.6328 1225.6328 1225.6328	1748, 9308 759, 3763 763, 3865 1344, 7323 1733, 9312 1150, 5553 1222, 6161 1224, 7173 1225, 6350 1732, 9359 940, 5593 1529, 8024 1117, 5186 851, 4752 1040, 5866 1187, 6166 751, 3864 1249, 6085 739, 3763 1297, 5835 1052, 5835 1255, 6349 1117, 5152 1248, 6942 1256, 6790 1317, 5152 1257, 6176 1258, 6942 1256, 6349 117, 5152 1257, 6176 1258, 6942 1256, 6133 1255, 6349 117, 5152 1257, 6176 1258, 6942 1256, 6133 1255, 6349 117, 5152 1257, 6176 1258, 6942 1268, 6942 1268, 634	-3.60 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.45	0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 55 29 24 4 35 26 27 28 8 17 17 28 29 20 44 43 33 35 57 7 17 28 29 29 39 30 36 6 22 30 32 28 30 30 30 30 28		AAPERATTQLEQLSAK QEOGELK FDDVIR GLIVIDMSSIGPK + Oxidation (M) FIAASHNIQEKIASK MEDFAERLE SSAASYAAIDLE MISLEFOTSGIR + Oxidation (M) VDOGRGIMHLE + Oxidation (M) CALEDHOVSLE YVELVQOSLELEER KLDPVELK MEDAMKHINLAIK SCPINKADLE AITASVK LFADDANKLK KDLPSALGE KDLPSELGE SGGGGSAGIME NISEGIQ MHPSFYHLEK + Oxidation (M) TIPHNYVKK HMBOLAGRIR + Oxidation (M) VDITQTSSE YARPSALMINGER LRSLEGHAMINGE LRSLEGHAMINGE LRSLEGHAMINGE LRSLEGHAMINGE LRSLEGHAMINGE SHFOTDDLE VLAPEGAMMER SUNLEPFSGLAGER ELIMSVILAKEK + Oxidation (M) MHSARLQDLE SVILFSAAFCAMQUER ELIMSVILAKEK + Oxidation (M) MHSARLQDLE SVILFSAAFCAMQUER ELIMSVILAKEK + Oxidation (M) MHSARLQDLE SVILFSAAFCAMQUER ENLOSUBLIKEK + Oxidation (M) MHSARLQDLE SVILFSAAFCAMQUER ENLOSUBLIKEK + Oxidation (M) MHSARLQDLE SVILFSAAFCAMQUER ENLOSUBLIFTE
	1224   115   1500   2193   765   958   987   962   2185   355   526   664   260   448   106   110   106   131   131 	693, 3759 875, 4731 382, 7002 673, 3724 867, 9703 578, 2830 408, 8791 442, 5784 613, 8227 634, 8227 654, 8764 675, 8766 675, 8	1384.7372 1748.9316 799.3756 763.3858 1344.7302 1733.9260 11233.6155 1324.7134 1223.6155 1324.7134 1225.6308 1732.9382 940.5596 1529.7998 1117.5172 851.4754 1040.5870 1187.6182 759.3764 1297.5926 1298.6312 1095.5563 1225.6312 1095.5563 1225.6312 1095.5563 1225.6312 1095.5563 1225.6312 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1355.7263 1225.6328 1225.6328 1225.6328 1225.6328 1225.6328	1748, 9308 753, 3865 1344, 7323 1733, 9312 1150, 5553 1223, 6146 1324, 7173 1225, 6350 1732, 9359 940, 5593 1529, 8024 1117, 5186 881, 4752 1040, 5866 1187, 6146 751, 3864 1249, 6085 759, 3763 1297, 5835 1055, 5611 1225, 6350 1232, 6349 1005, 5991 1550, 7940 1117, 5152 1257, 6176 1298, 6942 1298, 6942 1325, 6349 1884, 9345 1225, 6302 1225, 6302 1225, 6302	-3.60 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.81 -0.80 (0.47 -0.45	0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0	23 23 23 23 23 23 23 23 23 23 23 23 23 2	18 54 54 55 29 29 24 43 35 27 72 77 17 33 16 29 20 44 33 33 57 71 72 29 29 39 30 36 22 23 66 27 73 30 28 8 8 32		AAPERATTQLEQLSAK QEGGELK GEGGELK GLIVIDMSSIGPK + Oxidation (M) FLAASHNIQEKIASK MEDFAEMILE SSAASYAAIDLE MLSIEFOTSGIR + Oxidation (M) VOGGEGIMHLE + Oxidation (M) VOGGEGIMHE + Oxidation (M) CALREDOVSLE YVELVQQSLELEKE RLLDEVELK WEDAMENIALIK SCPENKADLE ATTASYK LPADDAAKLK KULPSASLEDR YDVSIR SGSGLQSSAGIME NISEGIQ MHPSFYMLEK + Oxidation (M) IFPNQVDKK HMGGLAGRER + Oxidation (M) VUITOTSSE YARPFSALMINGGE LESLFCNDFLPQ ELATVSDYLDAARE SHOTODLE VLLPEGAMMER SSNLSPRSGIGPK SVEREFYSGLABGE ELIMSVGLAKEK + Oxidation (M) MHSSRIGDE SVEREFYSGLABGE ELIMSVGLAKEK + Oxidation (M) MHSSRIGDE SVYLESABCAMMER SSNLSPRSGIGPK SVYREFYSGLABGE ELIMSVGLAKEK + Oxidation (M) MHSSRLDDLR SVYLESABCAMQIME ENLQUILDER ENL

Page		1164	634.8280	1267.6414	1267.6455	-3.20	1	23	29	1	MRLAAHDEGLR
1			566.8041	1131.5936	1131.5924	1.10	1	23	43	1	QSKVEEWVK
1	<b>*</b>	2642						23		1	
11   11   11   12   13   13   14   15   15   15   15   15   15   15											
11											
Section   Sect		_									
200   201-100   101-100											
Page   1986, 1989   1915, 1978   1315, 1978   1215, 1978   1215   23   29   1   SOCIEDIDES   1315, 1978   1											
122   194,195   191,197											
101   101											
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1.51											
Page   406,555   121.6,645   121.6,645   1.92   0   23   21   1   VARIFICAMENTAL STATEMENT   COLUMN											
								23	40	1	
			874.9822	1747.9498	1747.9542	-2.50	0	23	21	1	VAMIGFAAALLGEAITGK + Oxidation (M)
	8		454.2297	906.4448	906.4420	3.14	1	23	60	1	NGFNSGRR
	8	1220	642.8321	1283.6496	1283.6470	2.10	0	23	32	1	EGDNPAVSLLNR
	₩	1779					0	23	35	1	
8   10   395.2811   108.5476   108.5592   -2.58   0   22   47     SPITOTORS     1											
8   612   551.7689   121.5322   120.5232   101.5232   1.67   0   22   22   26   1   ADC_GVENCK - Carbanidomethyl (C)   8   646   516.2342   100.6398   100.6491   0.75   0   22   32   1   NYTERNECK   8   626   631.6341   135.6034   135.5039   130.6491   1.0   22   23   1   ENTIRENCE   8   626   631.6341   135.6034   135.5039   134.640   1.0   22   23   1   ENTIRENCE   8   627   62											
8   616   516.7798   1121.5450   1121.5474   -3.09   1   22   26   1   MOLEGNOME * Carbanidomethyl (c)											ADGQQWELR
R							1	22		1	
								22		1	
2   255   989.5078   1795.0010   1794.993   3.18   0   22   14   1   ATPSCANDITATIONE   2217   886.5809   1711.9472   1771.9428   2.52   1   22   31   1   MINIMARGEGERIAR   2127   806.5809   1337.6804   1338.6806   1.81   1   22   28   1   SEPARADDOGULLIPUR   21327   631.301   1808.6806   1837.6806   1.81   1   22   23   1   GRIGIO TABLE   1.81   1							1	22	46	1	EGSAIIKDNGR
2272   422, 2425   822,4758   842,4758   842,4749   1.11   0   02   23   1   ILLIDEKQ   2272   805,4310   1808.8474   1808.8468   0.34   0   02   23   1   INTERNABLISCHELER   2373   85,8090   1711,9050   1333.6765   0.35   1.81   1   22   45   1   TYDAMCYNIDRR   1577   451,9052   1352.7058   1352.7058   0.72   1   22   45   1   TYDAMCYNIDRR   1578   451,9052   1352.7058   1352.7058   0.72	₩	1628	691.8744	1381.7342	1381.7314	2.07	1	22	29	1	KDGIQTHDVLTR
	<b>W</b>	2359	898.5078	1795.0010	1794.9953	3.18	0	22	14	1	AYFSSAIMIIAIPTGIK
	8	242	422.2452	842.4758	842.4749	1.11	0	22	12	1	LLLDELQ
	w	2275	886.9809	1771.9472	1771.9428	2.52	1	22	31	1	NTKLNAEASGLSGELLR
## 15127   451.9922   1352.7058   1352.7058   0.72   1   22   33   1   GBSLGSGUTAMEK   ## 1625   663.092   1090.0018   1090.0022   0.37   0.22   44   1   TOLOPITALK   ## 1625   663.092   1090.605   1256.7340   3.88   0   22   15   1   SILOPITALK   ## 1626   613.092   1205.666   693.666   693.666   0.36   0.22   18   1   WADDEGAM   ## 1626   613.092   1225.6298   1225.6303   -0.34   0   22   28   1   EARWOSPEPTER   ## 1626   504.2677   1599.7773   1599.7740   0.79   0   22   38   1   GITTEQLEPICAK   ## 1621   504.2677   1599.7773   1599.7740   0.79   0   22   38   1   KITLOTAVYK   ## 1621   613.091   1200.6036   1200.6026   0.83   1   22   24   61   MGNOWERFER   ## 1631   134   639.11   1201.6026   0.83   1   22   33   1   LIFEDGAM   ## 1631   134   639.11   1201.6026   0.83   1   22   33   1   LIFEDGAM   ## 1631   134   639.11   134	₩	2392				0.34	0	22	28	1	SEPASADSDGPLYLPYK
### 1325 64.3082 1090.6018 1090.6022 -0.37 0 22 44 1 IQDETINEK  ### 1325 693.7967 1256.7388 1255.7388 1255.734 0.88 0 22 15 1 SILDELIGELAK  ### 243 350.6966 699.3666 999.3666 099.3664 0.36 0 22 18 1 VOGGGAR  ### 250 61.3022 1225.6298 1225.630 -0.34 0 22 28 1 EARNVESPETR  ### 1513 63.0222 1225.620 1229.6265 0.83 1 22 28 1 EXPLOYEDENCE  ### 1513 63.0222 1225.620 1229.6265 0.83 1 22 28 1 EXPLOYEDENCE  ### 1313 63.0290 1229.6260 1229.6265 -0.36 1 22 46 1 REPOSEDENCE  ### 1313 63.0291 1229.6260 1229.6265 -0.36 1 22 46 1 REPOSEDENCE  ### 1313 63.0291 1229.6260 1229.6265 -0.36 1 22 46 1 REPOSEDENCE  ### 1313 63.0291 1229.6260 1229.6265 -0.36 1 22 46 1 REPOSEDENCE  ### 1313 63.0291 1229.6260 1229.6265 -0.36 1 22 46 1 REPOSEDENCE  ### 1313 63.0291 1229.6260 1229.6265 -0.36 1 22 46 1 REPOSEDENCE  ### 1313 63.0291 1229.6260 1229.6265 -0.36 1 22 33 1 REPOSEDENCE  ### 1314 671.3613 1340.7000 1340.7008 -0.60 0 22 33 1 REPOSEDENCE  ### 1314 671.3613 1340.7000 1340.7008 -0.60 0 22 33 1 REPOSEDENCE  ### 2121 888.4817 1774.9488 1774.9474 0.84 0 22 23 1 REPOSEDENCE  ### 2121 888.4817 1774.9488 1774.9474 0.84 0 22 23 1 REPOSEDENCE  ### 2121 889.4796 1716.9446 1716.9410 0.713 1 22 20 1 REPOSEDENCE  ### 2121 889.4796 1716.9446 1716.9410 0.713 1 22 23 1 REPOSEDENCE  ### 2122 889.4796 1716.9441 1716.9410 0.72 0 0.22 33 1 REPOSEDENCE  ### 2123 889.4796 1716.9441 1716.9410 0.72 0 0.22 33 1 REPOSEDENCE  ### 2124 889.4796 1716.9410 1716.9410 0.72 0 0.22 33 1 REPOSEDENCE  ### 2125 876.8111 1351.6078 1351.6111 -2.44 0 0.22 33 1 REPOSEDENCE  ### 2125 876.8111 1351.6078 1351.6111 -2.44 0 0.22 33 1 REPOSEDENCE  ### 2125 876.8111 1351.6078 1351.6111 -2.44 0 0.22 33 1 REPOSEDENCE  ### 2125 876.8111 1351.6078 1351.6111 -2.44 0 0.22 33 1 REPOSEDENCE  ### 2125 876.8111 1351.6078 1351.6111 -2.44 0 0.22 33 1 REPOSEDENCE  ### 2125 876.8111 1351.6078 1351.6111 -2.44 0 0.22 33 1 REPOSEDENCE  ### 2126 889.4389 1368.81 149.8389 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.		_									
## 1125 639.3767   1256.7388   1256.7340   3.88   0   22   15   1   SILQDLGGLAK  ## 260 613.0222   1225.6298   1225.6393   -0.34   0   22   28   1   EXAVVORPOPER  ## 361 613.0212   1225.6298   1225.6393   -0.34   0   22   28   1   EXAVVORPOPER  ## 391 601.3091   1200.6016   1200.6026   0.83   1   22   28   1   KILDOVVK  ## 391 601.3091   1200.6016   1200.6026   0.83   1   22   28   1   KILDOVVK  ## 3134 639.8182   1257.6218   1257.6201   12.40   0   22   33   1   0   0   0   0   0   0   0   0   0											· · · · · · · · ·
### 24   \$5.6006 699.3666 699.3666 699.3664 0.36 0 22 28 1   VUGINGAR ### 550 613.8221 1225.6298 1225.6203 -0.34 0 22 28 1   CHINDER   ### 1915 534.2657 1599.7753 1599.7740 0.79 0 22 38 1   QHINDER   ### 1916 534.2657 1599.7753 1599.7740 0.79 0 22 38 1   QHINDER   ### 1916 613.0301 1200.6036 1200.6036 0.83 1 22 28 1   KYIDDOVYK ### 1134 639.8182 1257.6218 1257.6210 1.40 0 22 35 1   DIPERGELEIQEAK ### 1917 52.2005 1142.646 1142.5202 -3.31 0 22 33 1   QUANTER   ### 1918 639.8182 1257.6218 1257.6210 1.40 0 22 35 1   DIPERGELEIR ### 1362 472.2948 942.5750 942.5749 0.12 1 22 20 1   KIALERIK ### 1363 472.2948 942.5750 942.5749 0.12 1 22 20 1   KIALERIK ### 2321 888.4817 1774.988 1774.988 1774.9474 0.84 0 22 25 1   TIDITARKVIENICIT ### 2321 888.4817 1774.988 1774.940 0.13 1 22 20 1   TIDITARKVIENICIT ### 2321 888.4817 1774.988 1774.940 2.13 1 22 39 1   AQALVERIK ### 3368 771.3803 3311.191 2311.1274 -3.59 1 22 32 1   MRPGRARPSCANCOTULSQUR + Carbamidomethyl (C) ### 3368 771.3803 3311.191 2311.1274 -3.59 1 22 32 1   MRPGRARPSCANCOTULSQUR + Carbamidomethyl (C) ### 3368 771.3803 3311.191 2311.1274 -3.59 1 22 32 1   MRPGRARPSCANCOTULSQUR + Carbamidomethyl (C) ### 3368 95.4798 1716.9462 1716.9410 0.72 0 22 19 1   SILASPLPOLIGISIER ### 3368 95.4798 1716.5403 029.2114 2399.2505 2.53 0 22 25 1   MRPGRARPSCANCOTULSQUR + Carbamidomethyl (C) ### 3368 95.4798 1715.5403 029.2114 2399.2505 2.53 0 22 23 1   MRPGRARPSCANCOTULSQUR + Carbamidomethyl (C) ### 3368 95.4798 1716.9402 1736.9410 0.72 0 22 19 1   SILASPLPOLIGISIER ### 3368 97.2996 1192.5466 1192.5323 0.86 0 22 23 1   MRPGRARPSCANCOTULSQUR + Carbamidomethyl (C) ### 3368 97.2996 1192.5466 1192.5540 0.10 0 22 0 1   MRPGRARPSCANCOTULSQUR + CARBAMIDOMEN + CAR											
\$ 950											
1   1032   615.8203   1229.6266   1229.6265   -0.36   1   22   46   1   RONNEFPIR     1344   629.8182   1279.6218   1275.6201   1.40   0   22   35   1   DLEBORDIDER     250   572.2805   142.5464   142.5502   -3.31   0   22   31   1   QDDAVNPCLR     352   472.2948   942.5750   942.5749   -0.12   1   22   20   1   KIALBEIK     1881   671.3613   1340.7080   1440.7088   -0.60   0   22   32   1   QSLVPYPTODER     1881   671.3613   1340.7080   1440.7088   -0.60   0   22   22   20   1   INDIFACKOVIRAIGTK     2321   888.4811   1774.9488   1774.9474   0.84   0.22   25   1   ADALYMETIK     2419   888.4811   1774.9488   1774.9410   2.13   1   22   39   1   AQALVMETIK     2419   889.4796   1716.9446   1716.9410   2.13   1   22   39   1   AQALVMETIK     2419   889.4796   1716.9446   1716.9410   2.13   1   22   32   1   NREGRARPECARCOTVICGOVE + Carbamidomethyl (C)     2515   455.2518   1362.7336   1362.7329   0.46   1   22   38   1   FAILWENGE + OXIDATION (N)     2516   859.4796   1716.9420   716.9410   2.23   38   1   FAILWENGE + OXIDATION (N)     2516   859.4796   1716.9420   716.9410   2.23   22   25   1   NAPAGRAPPOPYTYVETTEVIR     2516   859.4796   171.293   80.83   0   22   37   1   DRASYLOGIGGR     251   550											
1114   629.5182   1257.6218   1257.6201   1.40   0   22   35   1   DLPSTOSIDLER   1.55   572.8005   1142.5664   1142.5502   -3.31   0   22   31   1   0   0   0   0   1   1   1   1											
# 350											
1.552   472.2948   942.5758   942.5759   942.5749   0.12   1   22   20   1   STATERIK								22	31	1	QQDAVNPCLR
R   1884   671.3613   1340.7088   -0.60   0   22   32   1   OSLPVPTNDLER			472.2948	942.5750	942.5749	0.12	1	22	20	1	KIAIEEIK
Ref.   181   867.4760   1732.9374   1732.9359   0.87   1   22   20   1   INDIPACKGVTEATOTK     2021   888.4817   1774.9488   1774.9474   0.84   0   22   25   1   FIRMANYCIGANLASK + Carbamidomethyl (C)     440   500.7867   999.588   999.580   -1.18   0   22   39   1   AQALVESIK     2149   859.4796   1716.9446   1716.9410   2.13   1   22   19   1   ARVALITEETRISAK     3168   771.803   231.191   231.11274   -3.59   1   22   32   1   NREGREBESQARGOTULGVUR + Carbamidomethyl (C)     1575   455.2518   1362.7336   1362.7332   0.46   1   22   33   1   SLAFIPPOGLESIK     3166   1155.6130   2309.2114   2309.2056   2.53   0   22   25   1   NAPASEPDDFTTVVPTTPVIR     3166   1155.6130   2309.2114   2309.2056   2.53   0   22   25   1   NAPASEPDDFTTVVPTTPVIR     3166   1579.7896   1716.9424   1716.9410   0.72   0   22   37   1   DASSIVAGIGOR     3168   365.9778   1719.5886   1319.5837   0.83   0   22   23   1   ELSMMANNENK + Oxidation (M)     2191   867.9687   1739.9238   1733.9199   1.69   1   22   28   1   VILTUPLEAGESAK     2299   443.7715   885.5284   885.5284   0.11   0   22   28   1   VILTUPLEAGESAK     2191   865.9770   1729.9394   1729.9464   -3.87   0   22   23   1   DASSIVAGIGOR     2123   381.8686   161.7590   1661.7528   3.76   0   22   23   1   DASSIVAGIGOR     2123   383.2038   764.3930   764.3939   0.61   22   23   1   DASSIVAGIGOR     2124   385.9770   1729.9394   1729.9464   -3.87   0   22   23   1   DASSIVAGIGOR     2125   385.9780   1729.9394   1729.9464   -3.87   0   22   23   1   DASSIVAGIGOR     2126   233   233.955   164.3930   764.3939   0.61   22   23   1   DASSIVAGIGOR     223   233   234			671.3613	1340.7080				22	32	1	QSLPVPYDGLPR
### 440   500.7867   999.5588   999.5600   -1.18   0   22   39   1   AQALVEETE   ### 2149   859.4796   1716.9446   1716.9410   2.13   1   22   19   1   ARVAILYEETGISAK   ### 3168   771.3803   2311.1191   2311.1274   -3.59   1   22   32   1   RREGGGRESSCANCUTVLSQVR + Carbamidomethyl (C)   ### 1515   455.2518   1362.7336   1362.7332   0.46   1   22   38   1   RATIMYEGGRESSCANCUTVLSQVR + Carbamidomethyl (C)   ### 2146   859.4784   1716.9422   1716.9410   0.72   0   22   19   1   SLASFLESQLIGSTER   ### 3166   155.6130   2309.2114   2309.2056   2.53   0   22   25   1   NAPASFPOPPTVVPTTPVR   ### 23 371.2173   740.4200   740.4181   2.66   0   22   49   1   QVEIPS   ### 369   397.2996   192.5846   1192.5837   0.83   0   22   23   37   1   DFASSVAGGLGGR   ### 1522   676.8112   1351.6078   1351.6111   -2.44   0   22   23   1   REINMANWENK + Oxidation (M)   ### 2529   443.7715   885.5284   885.5284   0.11   0   22   28   1   VEINFURBLEESK   ### 263   433.7715   885.5284   885.5284   0.11   0   22   38   1   KDILARYEDER   ### 264   2023   831.8868   1661.7590   1661.7528   3.76   0   22   23   1   EINMANDENK + Oxidation (M)   ### 273   373.905   1739.9994   1729.9994   1729.9461   -3.87   0   22   23   1   EINMANDENK + OXIDATION (M)   ### 273   383.2038   764.3939   764.3939   0.18   1   22   40   1   EINMANDENK   ### 273   383.2038   764.3939   764.5939   -2.77   0   22   40   1   EINMANDENK   ### 274   489.2852   976.5558   976.5559   -3.56   0   22   33   1   EINMANDENK   ### 410   501.7699   1001.5252   1001.5254   -0.16   0   22   45   1   EINMANDENK   CARDAMINE   ### 411   501.7699   1001.5255   1001.5254   -0.16   0   22   45   1   EINMANDENK   CARDAMINE   ### 412   501.7699   1001.5255   1001.5254   -0.16   0   22   34   1   EINMANDENK   CARDAMINE   ### 413   501.7699   1001.5255   1001.5254   -0.16   0   22   34   1   EINMANDENK   CARDAMINE   ### 414   501.7699   1001.5255   1001.5254   -0.16   0   22   34   1   EINMANDENK   CARDAMINE   ### 42   507.2976   1012.5806   1012.5804   0.25   0   22   33   1   EINMANDEN			867.4760	1732.9374	1732.9359	0.87		22	20	1	INDIFAGKGVTEAIGTK
	w	2321	888.4817	1774.9488	1774.9474	0.84	0	22	25	1	FIPMAAVICLGANLASK + Carbamidomethyl (C)
	7	440	500.7867	999.5588	999.5600	-1.18	0	22	39	1	AQALVEEIK
## 1575   455.2518   1362.7336   1362.7329   0.46   1   22   38   1   FAITMYPROGENE + Oxidation (M)   ## 2146   859.4784   1716.9422   1716.9410   0.72   0   22   19   1   SLASTPEPQLIGSTER   ## 3166   1155.6130   2309.2114   2309.2056   2.53   0   22   25   1   NAPAASPPDPPTYVTIVIR   ## 371.2173   740.4200   740.4181   2.66   0   22   49   1   QVETER   ## 389   577.2956   1312.5846   1192.5847   1192	<b>*</b>	2149	859.4796	1716.9446	1716.9410	2.13	1	22	19	1	
										1	
1366   155.6130   2399.2114   2309.2056   2.53   0   22   25   1   NAPASSPEDPETVVPTTPVTR     130   71.2173   740.4200   740.4181   2.66   0   22   49   1   QVEIPR     151   152   676.8112   1351.6078   1351.6111   -2.44   0   22   23   1   DEPASSVAGGLGGR     1522   676.8112   1351.6078   1351.6111   -2.44   0   22   23   1   ELEMPANAVENK + Oxidation (M)     1522   676.8112   1351.6078   1351.6111   -2.44   0   22   23   1   VEINTUBLICESAN     1523   670.8278   1393.9281   1333.9199   1.69   1   22   28   1   VEINTUBLICESAN     1472   670.8279   1393.6412   1393.6408   0.33   1   22   38   1   KDLEARTOR     1472   670.8279   1393.6412   1393.6408   0.33   1   22   23   38   1   KDLEARTOR     1273   865.9770   1729.9394   1729.3461   -3.87   1   22   24   1   ENVISIONEN     1327   433.9055   1298.6947   1298.6983   -2.77   0   22   24   1   ENVISIONEN     1328   1383.2038   764.3339   764.3393   764.3929   0.18   1   22   40   1   LENNAGOVKPEK     1328   1499.5380   1499.5340   1499.544   -2.24   39   1   KDLEARTOR     1498   489.2852   976.5558   976.5559   -2.55   0   22   33   1   ATIDAVFIK     1410   501.7699   1001.5250   1001.5254   -0.16   0   22   45   1   LGASSAVGAGGG     2902   738.3654   220.0744   221.20802   -2.66   1   22   34   1   GEAMANURKANAGAGGG     2902   738.3654   220.0744   221.20802   -2.66   1   22   34   1   GEAMANURKANAGAGGG     2903   738.3654   238.9213   -0.15   1   22   33   1   ATIDAVFIK     2188   870.4678   1378.9210   1378.9213   -0.15   1   22   33   1   GEAMANURKANAKANAGAGGG     185   637.9360   1273.6174   1273.6197   -1.77   22   40   1   ALPTHERIK     185   637.8160   1273.6174   1273.6197   -1.77   22   40   1   ALPTHERIK     185   637.8160   1273.6174   1273.6197   -1.77   22   40   1   ALSTAGAGGG     185   630.4278   838.8420   0.22   0.22   55   1   VIAVAASAGEAGGG     185   630.4278   838.8420   0.32   0.22   25   1   NISSMEDICAK + Oxidation (M)     165   640.8311   3307.6516   1307.6503   1.01   1   22   55   1   ALSTAGAGGG     165   771.3073   140.5880   140.5887											
R											
8.59   597.2996   1192.5946   1192.5947   0.83   0   22   37   1   DPASSYNOGLOGR   122   135.16078   1351.6078   1351.6111   -2.44   0   22   28   1   VEITHYLDELGESAK   2191   867.9687   1733.9228   1733.919   1.69   1   22   28   1   VEITHYLDELGESAK   2193   2193   22   23   1   VEITHYLDELGESAK   2193   22   23   1   VEITHYLDELGESAK   2193   22   23   23   23   23   23   23											
State											
2   919   867.9687   1733.9228   1733.9219   1.69   1   22   28   1   VERTHYLDELGEBAK     289											
289   443.7715   885.5284   885.5284   0.11   0   22   80   1   LSVVALER     1472   670.8279   1339.6412   1333.6408   0.33   1   22   38   1   KSDLEARYIDER     2023   831.8868   1661.7590   1661.7528   3.76   0   22   23   1   IMISWYESEISTLK + Oxidation (M)     2173   865.9770   1729.9394   1729.9464   -3.87   1   22   24   1   SEAVTGELEKLIBETK     1327   343.9055   1298.6947   1298.6983   -2.77   0   22   40   1   LFINGDVEPK     123   383.2038   764.3939   764.3939   0.18   1   22   40   1   LFINGDVEPK     123   383.2038   764.3939   764.3939   0.18   1   22   40   1   LFINGDVEPK     123   383.2038   764.3939   764.3939   0.18   1   22   40   1   LFINGDVEPK     123   383.2038   764.3939   764.3939   0.18   1   22   40   1   LFINGDVEPK     123   383.2038   764.3939   764.3939   0.18   1   22   40   1   LFINGDVEPK     123   383.2038   764.3939   0.18   1   22   40   1   LFINGDVEPK     141   501.7699   1001.5252   1001.5254   -0.16   0   22   45   1   LGASSAVUSGOPK     2902   738.3654   221.0744   221.20802   -2.66   1   22   34   1   GPAGNGVIEALSLOOMSK + Carbanidomethyl (C); Oxidation (M)     462   507.2976   1012.5806   1012.5804   0.22   0   22   40   1   ALPTELETK     2198   870.4678   1738.9210   1738.9213   -0.15   1   22   33   1   STLEMANIHAN/LSAK     404   406.2145   1215.6217   1215.6208   0.75   0   22   35   1   VIAVAASAGEAGGR     185   637.8160   1273.6174   1273.6197   -1.77   22   40   1   RQOLLONDER + Carbanidomethyl (C)     185   631.2215   884.4284   804.4276   1.08   1   22   43   1   ASCAGUR     185   430.2479   884.4284   804.4276   1.08   1   22   23   1   ASCAGUR     185   430.2479   884.4284   804.4276   1.08   1   22   43   1   ASCAGUR     185   430.2479   884.4284   804.4276   0.23   0   22   23   1   VLPQAASENR     166   493.2556   1476.7450   1476.7460   -0.70   22   55   1   ADGKVVDEPLIDIK     1072   621.8231   1241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.6361   241.636											
2023   831.886   1661.7590   1661.7528   3.76   0   22   23   1   IMISMYESETSTIK + Oxidation (M)											
21.73   865.9770   1729.9394   1729.9461   -3.87   1   22   24   1   SEAVTGELEKLLETEK											
1327   433,9055   1298.6947   1298.6983   -2.77   0   22   40   1   LFNNAGDVXPPK     123   383,2038   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,3930   764,59											
758   755.7763   1149.5380   1149.5414   -2.94   1   22   39   1											
## 489.2852 976.5558 976.5558 -3.56 0 22 33 1 ATIDAYEIK ## 441 501.7699 1001.5252 1001.5254 -0.16 0 22 45 1 LGASSAUGAGG ## 2902 738.3654 2212.0744 2212.0802 -2.66 1 22 34 1 GFCANGRVIEALSLSQMMQK + Carbamidomethyl (C); Oxidation (M) ## 462 507.2976 1012.5806 1012.5804 0.22 0 22 40 1 ALFIELEIK ## 2198 870.4678 1738.9210 1738.9213 -0.15 1 22 33 1 SILEMANIAKAVLSAK ## 940 406.2145 1215.6217 1215.6208 0.75 0 22 50 1 VIAVAASAGEAGGR ## 1189 637.6160 1273.6174 1273.6174 1273.6177 1 22 40 1 RQCDL_CDLER + Carbamidomethyl (C) ## 185 403.2215 804.4284 804.4276 1.08 1 22 43 1 AKCAGUR ## 1369 654.831 1307.6516 1307.6503 1.01 1 22 51 1 ALGAGGIR ## 265 430.4279 854.8912 858.8910 0.23 0 22 96 1 NAITAELK ## 265 751.3013 1140.5880 1140.5887 -0.58 0 22 23 1 VLPQAASECHR ## 1766 493.2556 1476.7450 1476.7460 -0.70 1 22 55 1 ADGKFVDEYLDKK		_									
## 441 501.7699 1001.5252 1001.5254 -0.16 0 22 45 1 LASSAWGAGGR  ## 2020 738.3654 2212.0744 2212.0802 -2.66 1 22 34 1 ALPTRIBETK  ## 2198 870.4678 1738.9210 1738.9213 -0.15 1 22 33 1 STLERNAHARAVLSAK  ## 940 406.2145 1215.6217 1215.6208 0.75 0 22 50 1 VTAVABAGGAGGR  ## 189 637.8160 1273.6174 1273.6197 -1.77 1 22 40 1 RODICADLE + Carbamidomethyl (C)  ## 185 403.2215 804.4284 804.4276 1.08 1 22 43 1 AKSCAGLE  ## 1369 654.8331 1307.6516 1307.6503 1.01 1 22 51 1 AKSCAGLE  ## 2169 430.2479 858.4812 858.4810 0.23 0 22 96 1 NAITHELK  ## 2166 430.2479 858.4812 858.4810 0.23 0 22 23 1 VLPQAASENR  ## 2166 430.3255 804.7646 0.7650 1.00 0.23 0 22 55 1 ADGKPUPELDIKK  ## 2166 430.3255 804.7646 0.7650 1.00 0.23 0 22 55 1 ADGKPUPELDIKK  ## 2166 430.3255 804.7646 0.7650 0.23 0 22 25 1 VLPQAASENR  ## 2166 430.3255 804.7646 0.76460 0.70 1 22 55 1 ADGKPUPELDIKK			489.2852	976.5558	976.5593	-3.56	0	22		1	
## 9902 738.3654 2212.0744 2212.0802 -2.66 1 22 34 1 GP_AGRVIEALSLSQMON + Carbamidomethyl (C); Oxidation (M) ## 462 507.2976 1012.5806 1012.5804 0.22 0 22 40 1 ALTHELS ## 940 406.2145 1215.6217 1215.6208 0.75 0 22 50 1 STLEENAHHAKAVLSAK ## 940 406.2145 1215.6217 1215.6208 0.75 0 22 50 1 VTAVASAGEAGGR ## 185 403.2215 804.4284 804.4276 1.08 1 22 43 1 AKSCAGLR ## 186 403.2215 804.4284 804.4276 1.08 1 22 43 1 AKSCAGLR ## 186 403.2215 804.4284 804.4276 1.08 1 22 51 1 SILAGNIES SIGNA + Oxidation (M) ## 26 54 831 1307.6516 1307.6503 1.01 1 22 51 1 SILAGNIES SIGNA + Oxidation (M) ## 26 55 130.2479 884.8812 884.8812 884.8810 0.23 0 22 96 1 NAITHELK ## 27 66 571.3013 1140.5880 1140.5887 -0.58 0 22 23 1 VLPQAASENR ## 1766 493.2556 1476.7450 1476.7460 -0.70 1 22 55 1 NAITHELK ## 1766 493.2556 1476.7450 1476.7460 -0.70 1 22 55 1 NITSONISPIR								22			LGASSAVGAGGR
# 452 507.3976 1012.5806 1012.5804 0.22 0 22 40 1 ALPTELETK  # 2198 870.4678 1738.9210 1738.9213 -0.15 1 22 33 1 STLERMAHNANLSAK  # 340 406.2145 1215.6217 1215.6208 0.75 0 22 50 1 VIAVABASAGEAGGR  # 189 637.8160 1273.6174 1273.6137 -1.77 1 22 40 1 RQONLOADLE + Carbanidomethyl (C)  # 185 63.2215 804.4284 804.4276 1.08 1 22 43 1 AKSCAGUR  # 185 654.831 1307.6516 1307.5503 1.01 1 22 51 1 SILGMENSTICAK + CARIGHTER (M)  # 265 430.2479 884.8812 895.8810 0.23 0 22 96 1 NAITABLE  # 746 571.3013 1140.5880 1140.5887 -0.58 0 22 23 1 VLPQAASENR  # 1766 493.2556 1476.7450 1476.7460 -0.70 1 22 55 1 ADGKEVORELIDEK  # 1762 1022 621.8231 1241.6316 1241.6364 -3.81 0 22 35 1 NISTONISPIR	V	2902									<pre>GFCAAGRVIEALSLSQMMQK + Carbamidomethyl (C); Oxidation (M)</pre>
2198   870.4678   1738.9210   1738.9213   -0.15   1   22   33   1   STLERNAHARANLEAK     340   406.2145   1215.6217   1215.6208   0.75   0   22   50   1   VTAVAASAGEAGGR     1859   637.8160   1273.6174   1273.6197   -1.77   1   22   40   1   RODICADLE + Carbamidomethyl (C)     185   403.2215   804.4224   804.4276   1.08   1   22   43   1   AKSCAGLE     1869   654.8331   1307.6516   1307.6503   1.01   1   22   51   1   SIAGRMSDSIGAK + Oxidation (M)     265   430.2479   858.4812   858.4810   0.23   0   22   96   1   NAITABLE     1766   493.2556   1476.7450   1476.7460   -0.70   1   22   55   1   VLPQAASENR     1766   493.2556   1476.7450   1476.7460   -0.70   1   22   55   1   ADGKPUDIDKK     1072   621.8231   1241.6316   1241.6364   -3.81   0   22   35   1   NITSDNISPIR											
940   406.2145   1215.6217   1215.6208   0.75   0   0   22   50   1   VTAVASAGEAGGR     189			870.4678	1738.9210	1738.9213	-0.15	1	22	33	1	STLEENAAHAKAVLSAK
185   403.2215   804.4284   804.4276   1.08   1   22   43   1   AKSCAGLR     1869   654.8331   1307.6516   1307.6503   1.01   1   22   51   1   SIAGMYSDSIGAK + Oxidation (M)     265   430.2479   858.4812   858.4810   0.23   0   22   96   1   NAITABLK     2746   571.3013   1140.5880   1140.5887   -0.58   0   22   23   1   VLPQAASENR     1766   493.2556   1476.7450   1476.7460   -0.70   1   22   55   1   ADGKPUDEYLDKK     1072   621.8231   1241.6316   1241.6364   -3.81   0   22   35   1   NITSONISPIR	$\forall$	940						22			
1369   654.8331   1307.6516   1307.6503   1.01   1   22   51   1   SIAGRMSDSIGAK + Oxidation (M)     265   430.2479   858.4812   858.4810   0.23   0   22   96   1   NAITAELK     746   751.3013   140.5880   140.5887   -0.58   0   22   23   1   VLPQAASGUR     1766   493.2556   1476.7450   1476.7460   -0.70   1   22   55   1   ADGRYDETLINK     1072   621.8231   1241.6316   1241.6364   -3.81   0   22   35   1   NNISDNISPIR											
№     265     430.2479     858.4812     858.4810     0.23     0     22     96     1     NAITAELK       №     746     571.3013     1140.5888     1140.5887     -0.58     0     22     23     1     VLPQASESUR       №     1766     93.2556     1476.7450     1476.7450     0     -0.70     1     22     55     1     ADGRYD/ETLDIKK       №     1072     621.8231     1241.6316     1241.6364     -3.81     0     22     35     1     NINISDNISPIR											
2     746     571.3013     1140.5880     1140.5887     -0.58     0     22     23     1     VLPQAASENR       8     1765     493.2556     1476.7450     1476.7460     -0.70     1     22     55     1     ADGKPVDEYLDKK       8     1072     621.8231     1241.6316     1241.6364     -3.81     0     22     35     1     NITSDNISPIR											
☑ 1766     493.2556     1476.7450     1476.7460     -0.70     1     22     55     1     ADGKPVDEYLDKK       ☑ 1072     621.8231     1241.6316     1241.6364     -3.81     0     22     35     1     NNISDNISPIR											
© 1327 000.0/34 1349./310 1349./494 1.90 1 42 33 1 KLGASITFDGPPK											
	8	1439	005.8732	1329.7318	1329.7292	1.96	-	22	33	1	REGRETTFUGFFR

<b>~</b>	1193	425.5467	1273.6183	1273.6203	-1.63	1	22	32	1	GFAYAKYGNQR
<b>W</b>	939	406.2144	1215.6214	1215.6248	-2.81	0	22	51	1	PDGSPPPSLPPR
<b>W</b>	585			1083.5131		0	22	26	1	GDDLCVHLR + Carbamidomethyl (C)
<b>S</b>	1529			1353.7001		1	22	40	1	KEHTTVGELANR
₩	959			1224.5748			22		1	DHGRTWNSPR
8				2284.1448			22	39	1	RNLIVTHDESEEVLDFVNR
8	166			795.4239			22		1	SSAKTFR
8	928			1211.6622			22	34	1	KNRPVEINDK
	_			1594.7773			22	45	1	MGSALPQADPAPLDGR
8										
8	2114			1701.9124			22	32	1	MIVNPEATKLLWGSK + Oxidation (M)
8	771			1152.5887			22	37	1	TAAYTSRDIR
<b>W</b>	1476			1340.6983		1	22	38	1	RVVQQEPCINR
<b>W</b>	415		981.4680			1	22	33	1	DGSFCRLK + Carbamidomethyl (C)
8	823			1171.5721		1	22	28	1	LDEDEAPQKK
<b>W</b>	2428	916.0247	1830.0348	1830.0363	-0.81	1	22	9.8	1	QTYLVGGAVRDQLLGLK
8	1520	451.2369	1350.6889	1350.6853	2.64	0	22	44	1	MEEVLNFAIASK
<b>W</b>	1659	696.3748	1390.7350	1390.7344	0.48	1	22	42	1	LDPSEDFLSLKK
₩	1433			1326.6853	1.91	0	22	31	1	AMGIIEVQPEPK + Oxidation (M)
<b>V</b>	1728			1428.7936	-0.46	1	22	34	1	SVLQSKLNGEGGLK
8	602		1088.5494		2.99	0	22	65	1	SDILNPTSSR
8	1461		1334.6950		0.60	1	22	44	1	SRAQGLYGIDAGK
8	1962			1600.8070		1	22	43	1	NFSENSTLLRHOR
8	1739			1434.6496		ō	22	21	1	YMSGAQCVNHLR + Carbamidomethyl (C)
8	2019					0	22	40	1	LLFVLDEHATNAASR
				1655.8631	0.02					SLDIFIKAAR
8	705			1132.6604		1	22	25	1	
8	1955			1591.8491			21	32	1	MALPSSALKSETLTK + Oxidation (M)
~	2345			1789.9574			21	32	1	DTLSEQGLFIVNLVSR
₩	2770			2162.0750			21	46	1	ETECLKTARPNVSASTQATR
<b>W</b>	2217			1747.9403			21	27	1	RFLSNLLQCSVDVVR
<b>3</b>	37	358.2087	714.4028	714.4024	0.60	1	21	1.6e+002	1	LRAEAGV
<b>W</b>	389	482.7403	963.4660	963.4662	-0.11	1	21	69	1	DFGGKEPSK
<b>*</b>	878	598.2958	1194.5770	1194.5768	0.20	1	21	48	1	IDEDGYLDKK
<b>7</b>	1152	422.2264	1263.6574	1263.6571	0.20	1	21	50	1	QKYGSLDALNR
8	1569	681.3694	1360.7242	1360.7238	0.33	0	21	44	1	ELLAFLSAEGPSK
₩.	970	613.8230	1225.6314	1225.6302	0.98	0	21	41		VGEAELQDPLR
8	1066			1241.6227			21	42		RMELFYDIR
8	2384			1802.0050			21	15		RVLQQLSYEGLVEIR
8				1659.9308			21		1	TYRAQLIGAQAEVLK
8				1691.9094			21	33		EELSESIQYLRVVK
	_						21	53		EDVLVGYK
8	327			921.4807						
8	1980			1617.8402			21	61		IIVHESIFDAFAEK
₩.	2376			1800.0179			21		1	KPDVKTLIAMGAATGAIK + Oxidation (M)
<b>*</b>	1639			1384.7350			21	40	1	NEIPVPEAKNFK
8	1653			1389.7537		1	21	43	1	ELLKMIENTGVK + Oxidation (M)
<b>W</b>	1515			1348.7198	-1.30	0	21	45	1	LSSVSTATESVLR
~	2134	857.9523		1713.8897	0.21	1	21	40	1	ASIEEVRAAIDQAVDK
8	326	461.2555	920.4964		3.15	1	21	80	1	LAIAMCRK + Oxidation (M)
<b>W</b>	1630	461.5945	1381.7617	1381.7605	0.83	0	21	29	1	VEPEQVLLAWAK
<b>W</b>	583	542.2468	1082.4790	1082.4828	-3.50	0	21	18	1	HAQQHFGCR
8	1707	471.9194	1412.7364	1412.7372	-0.55	1	21	44	1	ENAAALGLEDRVR
₩.	2589			1983.9758	1.86	1	21	46	1	IARPTDNLSTIKDMYCK + Oxidation (M)
₩	1431		1324.7148		0.71	1	21	36	1	FIAGQEKYITR
<b></b>	71	370.1869	738.3592		-0.34	1	21	21	1	ARYCAR
8	933			1214.5761		1	21	29	1	AHQQCRMLR + Carbamidomethyl (C); Oxidation (M)
8				2285.2565		1	21	15	1	LTLRLLAATQFPELACAGEIR
8	2682			2106.9979		1	21	37	1	LHSGEKPFVCDDCGKAFVR
8						0	21		1	
	1488			1341.7252		1	21	44 27	1	LSLAQEILDQGR ARFVDHR
8	303	450.7450								
8	1129			1257.6201		0	21	42	1	SLSDNIPEDLR
8	683			1126.5407		0	21	23	1	DYFVGSGLGGR
w	695			1128.5676		1	21			TEGDPRWLR
<b>W</b>	631			1101.5203			21		1	ESADAFHGLR
<b></b>				1749.9989			21			VEELVSLKLASGQHLK
8	2244			1753.9362		1	21	35	1	HDINAIIKDIAEQFK
<b>*</b>	692	565.2897	1128.5648	1128.5676	-2.43	0	21	34	1	HAYGQVGEIR
8	2317	887.9884	1773.9622	1773.9625	-0.14	1	21	29	1	VKLFLDGDNAGINATVK
~	2328	890.0046	1777.9946	1777.9978	-1.78	1	21	13	1	YIRTILPFVDSDVIK
<b>W</b>	3087	1143.6340	2285.2534	2285.2604	-3.04	1	21	15	1	DTGIPLIQLNNIRDGQHILR
<b>V</b>	1450	667.3718	1332.7290	1332.7289	0.12	0	21	41	1	LELSYIADGKPK
₩.	1694	703.3889	1404.7632	1404.7612	1.43	1	21	44	1	NLSLKDFEALQK
<b>V</b>	368	475.7460	949.4774	949.4770	0.48	0	21	41	1	YAFISHGR
8	1671			1395.7292			21	36	1	MASLSVHASOIPR
W	2420		1825.9273		1.23	0	21	47	- 7	FPAFGRI,HDRI,VDPTK
6.2	2411			1819.0131		0	21	15	1	VYSVASLADLPIISFPK
	1444			1330.6994			21	61	1	FLOGSSNPGGVLR
				1052.4999			21	44		AAHANADDLR
	518									
×	1180			1273.6150			21			AESDVQEIVER HHLKSFFFDCNNIDNLHR
		1129.0360	2256.0574	2256.0647	-3.21	1	21		1	
8				1085.5288			21			DCHKTVDIR
8				1055.4099			21	2.8	1	<pre>KCCWCSGR + 2 Carbamidomethyl (C)</pre>
	1415			1322.6579		1	21	56	1	DAGKTFTNVNTR
	1548			1355.7197		1	21	47	1	QFGGRDELPLPK
<b>V</b>	1457			1332.7289			21	42	1	IELKDINVDFK
							21	29	1	IYTPGLSQSILDGITR
	2184	578.6533	1732.9301	1,02,000						
				2176.0980			21	47	1	SNALVSQIDLLGSMAGMLNAR + Oxidation (M)
~	2184 2819	726.3715	2176.0927		-2.44	0	21 21	47 63	1	SNALVSQIDLLGSMAGMLNAR + Oxidation (M) IDLENSISSR
~	2184 2819 703	726.3715 567.2939	2176.0927 1132.5732	2176.0980 1132.5724	-2.44 0.76	0		63	1	
¥	2184 2819	726.3715 567.2939 559.2783	2176.0927 1132.5732 1116.5420	2176.0980	-2.44 0.76 0.84	0 0 0	21 21		1	IDLENSISSR

-		711 2062	1420 7570	1420 7530	3.40	1	21	44	1	MLMTVSLSRLDR
	1719		1420.7578							
₩.	592			1085.5214		1	21	43	1	SSNDSPAPRR
8	65		731.3820	731.3813 1095.5681		0	21 21	1.7e+002 57	1	SSAKDPK LMHGAMAPLR
	619			1287.6823		1	21	55	1	VDLKQEGFAGPK
2	1234					0	21	49	1	SSTTSASFVALR
8	1021 1387			1225.6303 1314.6424		1	21	49	1	SSTTSASFVALK MYGSAKSVMSVR
	2590			1983.9758		0	21	47	1	EAVMHTEGPLLLMAGAGSGK + Oxidation (M)
₩.				1983.9758			21		1	
<b>F</b>	496					0		39		DVLGQEEPR
8	2151			1716.9522		1	21	32	1	IVDFALSNALNSGIRK
8	1536			1355.5841	3.79	0	21	17	1	TTLADYDSNGGDK
₩.	680			1124.5978		0	21	38	1	GWPLTPAQAGK
<b>*</b>	1774			1490.7114		1	21	41	1	NDFSLEPGRVSDR
<b></b>	1054		1237.5928		1.74	1	21	38	1	TMMSANANKVR + Oxidation (M)
₩.	2038			1673.9135		1	21	39	1	MSRGLLIVVSGPSGTGK + Oxidation (M)
~	2167			1728.8716		0	21	53	1	LEGMNIISIAQDPNAK + Oxidation (M)
<b>*</b>	1053		1235.6368		2.92	1	21	71	1	MPTITAGDFRK
<b>W</b>	1282		1297.6820		3.22	0	21	42	1	IDEAHQFLGLR
₩.	1929			1581.7999		0	21	48	1	GAGADVNAGVDPAVIEK
8	916			1208.5786	0.91	0	21	42	1	NTADFTSALNR
₩.	655			1113.5778		0	21	53	1	GNQEVLADIR
₩.	840			1178.5714		1	21	50	1	VASDEVIMER + Oxidation (M)
<b>*</b>	1067			1241.6299		1	21	50	1	RMDGLHSSAIR
8	2398			1812.0258		0	21	13	1	VLLLSSPPLHDAAQPVR
8	2015			1653.8297		0	21	46	1	MVLNHGGATSIPSWGK
<b></b>	2958			2241.1207		0	21	48	1	EVMLVLQPCIHQMESVELK + Oxidation (M)
<b>W</b>	745			1140.5887		0	21	33	1	GGVLQQADTPR
<b>W</b>	1216			1282.6517		0	21	48	1	DLPPSQADATIR
<b>W</b>				2022.9820		0	21	49	1	LQTALDLVNSTVTMEFEP + Oxidation (M)
<b>3</b>	3271			2357.1616		0	21	52	1	GVMLPVVIMTGHGDVDMAVAAMK + Oxidation (M)
<b>W</b>	1222			1283.6470		0	21	55	1	EGDNPAVSLLNR
7	731			1135.5768		1	20	45	1	SASRSLVACSR
<b>W</b>	1680	467.2424	1398.7054	1398.7038	1.14	1	20	54	1	HEGGVGQALRTMK + Oxidation (M)
8	824	587.7595	1173.5044	1173.5084	-3.39	0	20	14	1	SSNDGCEPIPR
<b>*</b>	730	568.7963	1135.5780	1135.5808	-2.42	1	20	46	1	FLCLGKENR + Carbamidomethyl (C)
8	1028	410.2109	1227.6109	1227.6104	0.40	0	20	50	1	SCPLCSGALHIK
<b>*</b>	2221	583.9837	1748.9293	1748.9322	-1.68	1	20	42	1	ALHPQTVSKLHDTFR
₩.	1062	621.8193	1241.6240	1241.6265	-2.00	1	20	35	1	RGGHGFVDEIR
<b>W</b>	903	603.3097	1204.6048	1204.6048	0.07	1	20	71	1	SGRLLASGSDDK
8	1651	464.2574	1389.7504	1389.7538	-2.43	0	20	53	1	IVSLDMAGIVAGTK + Oxidation (M)
<b>~</b>	1140	420.2150	1257.6232	1257.6201	2.47	0	20	43	1	EPTAQELSDLR
₩	128	384.6974	767.3802	767.3788	1.83	0	20	38	1	YMIWR
<b>W</b>	278	440.7282	879.4418	879.4450	-3.59	0	20	95	1	GAGSANYIK
8	921			1209.6142		1	20	67	1	VFLFDNDGKR
<b>~</b>	467	509.2431	1016.4716	1016.4709	0.70	0	20	27	1	GEICPGQTGR
8	1185			1273.6203	-3.28	1	20	55	1	GFAYAKYGNQR
W	3377	1241.1510	2480.2874	2480.2832	1.71	1	20	37	1	EVARSVLITCEYDLAQTVETLK
₩	1456	667.3723	1332.7300	1332.7249	3.90	1	20	48	1	LELKTSSAELSR
<b></b>	2582	987.0417	1972.0688	1972.0742	-2.70	1	20	31	1	SSLIAVSVPTSSWVVERR
8	689			1128.5676		0	20	55	1	AHHLSGAPPDK
	751			1142.5502		0	20	48	1	HTGADAVMIGR + Oxidation (M)
₩.	1756			1455.8523		1	20	11	1	IIQLPFKMPIEK
<b></b>	1366			1307.6557		1	20	73	1	LWSGPQPRHCK
8	266		869.4860	869.4858		0	20	29	1	VPGIDELK
8	469	509.8059	1017.5972	1017.5971	0.14	1	20	40	1	LVIAFDKGR
8	1073			1241.6364		0	20	49	1	GSSGQPVNVELR
	861			1189.5939		0	20	68	1	STPIASSPTSSR
₩	51		726.3780	726.3773		0	20	28	1	APONAAR
₩	693			1128.5636		1	20	38	1	NNSIPESGRR
8	2677			2106.9748		0	20	38	1	VCPLCEATCGLELTLDTGR + 2 Carbamidomethyl (C)
₩	814			1168.6452		0	20	45	1	QGIPVVSDGGIK
2	2183			1732.9393		1	20	34	1	SIGCTGVILTKLDGTAK + Carbamidomethyl (C)
₩	384	479.7465	957.4784	957.4767		0	20	43	1	AGGPQSISIE
8	2223			1748.9342		1	20	44	1	TMVTNAISELLKSGTGK
₩	1377			1311.6605		0	20	45	1	DATHATSLMPLR
8	1693			1404.7659		1	20	51	i	MAANAAYLVVRAR
E	1837			1525.7116		1	20	39	ī	ADSMSMDLASLKNK + Oxidation (M)
₩	155		788.4030			0	20	1.7e+002	ī	QTASAPSK
<b>S</b>	1747			1445.7449		1	20	68	ī	ECGKSFAHISVLR
8	240	422.2446	842.4746	842.4763		0	20	96	i	TATSHER
				1255.6197		0	20	53	i	ESAGAAFTYTR
₩	1122			1426.7854		0	20	44	1	QIPDVIGVMIQAK + Oxidation (M)
<b>S</b>	1723	452 0122	1255 7151	1355.7157	-0.46	1	20	57	1	ODIAVRLNGNEK
	1539			1055.5611				57		<del>-</del>
8	526			1263.6380			20		1	DKENVQPVK DLETKVIDMGK + Oxidation (M)
	1150						20	63		
8		420.034	1273.6174	1273.6150 1257.6176	1.92	0	20	61	1	
	1130				2.31		20	57	1	
	2323			1774.9577		1	20		1	
	1482			1340.7010		0	20	50	1	
	1493			1342.7205		1	20	59	1	
	663			1117.5186		1	20	45	1	
		568.7961		1135.5768		1	20	65	1	
₩	728				2.41		20	77	1	
<b>2</b>	900	602.3308								
8	900 2360	602.3308 898.9973	1795.9800	1795.9767	1.87		20	35	1	
8 8	900 2360 822	602.3308 898.9973 586.7729	1795.9800 1171.5312	1795.9767 1171.5339	1.87 -2.26	1	20	25	1	TCRHPGCSVR + Carbamidomethyl (C)
8 8 8	900 2360 822 31	602.3308 898.9973 586.7729 352.1850	1795.9800 1171.5312 702.3554	1795.9767 1171.5339 702.3548	1.87 -2.26 0.93	1 0	20 20	25 1e+002	1	TCRHPGCSVR + Carbamidomethyl (C) AGEGEIK
	900 2360 822 31 3051	602.3308 898.9973 586.7729 352.1850 1138.0670	1795.9800 1171.5312 702.3554 2274.1194	1795.9767 1171.5339	1.87 -2.26 0.93 -3.50	1 0 1	20 20 20	25 1e+002 55	1	TCRHPGCSVR + Carbamidomethyl (C) AGEGEIK DLAGVADVLQQTLGKMSNQDR + Oxidation (M)

₩.	1418	662.3668	1322.7190	1322.7194	-0.28	0	20	39	1	TTHPSIVDNVLK
₩	2568		1944.0124		1.35	1	20	51	1	MADLVQEASNITIQRGAK
<b>V</b>	199	407.2403	812.4660			0	20	32	1	PVIDELK
8	3350		2424.2214		2.75	0	20	50	1	MQPVATIIDDPVAPFDFPAPQR
₩.	464			1013.4301		0	20	19	1	DSEYASTNK
8	804			1163.5791		1	20	82	1	MAIICRADSK + Carbamidomethyl (C)
<b>W</b>	1843			1530.8770		1	20	91	1	TSVVVELGLFSPRK
₩	1135			1257.6248		1	20	60	1	RGPEAAGGMSGIR
w	909			1206.5703		0	20	60	1	GPMLFDGEGIR + Oxidation (M)
8	1182			1273.6163			20	57	1	TPGRPGAQDGYR
₩.	1849			1534.7198			20	46	1	FGAPGAVGMSPSATGGR + Oxidation (M)
₩	150			786.4460			20	1.3e+002	1	AIRAGGSR
₩.	615			1093.5264		1	20	60	1	SAYSSNPRGR
8	3298			2374.2128			20	50	1	AAIGDAPDAADTAPGLSPPLSALAGR
₩	626			1101.5203			20		1	AHDASDAFIR
₩	1015			1225.6349			20		1	RLDLSNCHLR
₩	2255			1758.9549			20	38		IEITSAGKMLQIEAQK
₩	2421			1827.0241			20	24		EALEIVTVEKIEDVLK
₩	2461			1855.8840			20	53	1	DSPEYALLSNLDTFSGK
8	1794			1521.7497			20	75	1	TVADFASLLMADPR + Oxidation (M)
₩	1038			1232.6071			20	87	1	TLNIINDDGMK
₩	103	376.7015	751.3884	751.3864	2.67	0	20	96	1	YDSVIR
₩	1301	433.9051		1298.6942		1	20	68	1	SRPLNDKVNEK
8	2686			2108.1113		1	20	39	1	LASEVALRVDPLIDDPETR
₩	1411			1321.6310		1	20	92	1	GMRNPVAHGDPR + Oxidation (M)
8	1656			1389.7537		1	20	59	1	ISVIKDMEQAIK + Oxidation (M)
₩	1143		1257.6330		3.35	1	20	66	1	TLVMWGKHDR + Oxidation (M)
₩	957		1223.6152		0.49	0	20	59	1	SSAASYAAIDLR
₩	1213			1282.6517		0	20	54	1	VGGAAEELPDGLR
8	1532		1353.7300		0.61	1	20	49	1	KNYTLLAGSYPK
₩	812		1168.5304		0.82	1	20	30	1	RDLATCYDR + Carbamidomethyl (C)
₩	1107			1249.6853			20	60	1	LMQGAQKLFAK + Oxidation (M)
₩	1499		1344.6954		1.69	ī	20	75	1	MASSSSPRAKER
8	2133		1712.9104		2.77	ī	20	57	1	VQGADLTELTNKTAPR
₩	865			1191.6037			20	66	1	HDFDRVIYK
2				1234.5976			20	64	1	ASOANGATGAMIK + Oxidation (M)
₩			1232.6400		2.53		20	1.1e+002	1	LSCLCGGSKIPR
₩	452			1008.4764			20	54	1	DLAEGVYDK
₩				2259.2409			20	21	1	MLQTPPAPAAAEPVLVVDRLR + Oxidation (M)
8	898			1202.6295			20		1	DFLGEKEIPR
₩	3174			2313.2441			20	29	1	HVADAVTDDAAALDLPPVVRLR
₩	157			788.4830			20	17	1	ISICILK
₩	799			1163.5241		0	20	37	1	DSGIGIGEMNR + Oxidation (M)
8	826			1175.6081		1	20	99	1	LNRDVMGVTR + Oxidation (M)
₩	1607			1374.7354		1	20	88	1	SALANKDSSELLK
2	2433			1830.9839		1	20	48	1	IIDFIEKNVEVGNSVR
₩	287	442.7580		883.5015		0	20	41	1	IPIDEIGK
₩	915			1208.5795		1	20	56	1	MTGKGFPCVGGR
₩	2052			1685.8995		1	20	58	1	LSNVASRIMGGNGVVGR
8	922			1209.6176			19	79	1	LDMPVIVHDR + Oxidation (M)
₩	434	496.7924		991.5702	0.04	1	19	60	1	IKNTFELK
₩	1655			1389.7537		1	19	63	1	AAVLKETCSEVLK
₩	497		1041.5594		2.62	0	19	61	1	DGALVGGIGAGR
8	1957		1593.7938		0.62	1	19	73	1	DIVMVSVMPCTAKK + Carbamidomethyl (C); Oxidation (M)
₩	2130		1712.9006		3.61	0	19	67	1	AQAIADGVLVDVSEQAK
€	1212			1282.6306		0	19	64	1	NYDGVAAASFLR
₩	1399			1316.7373		0	19	50	1	IIMELINNTIK + Oxidation (M)
₩	1223		1283.6522		1.00	0	19	57	1	SAFYLTEAINR
₩	1199		1275.6188		3.63	1	19	47	1	EACRQIASWR + Carbamidomethyl (C)
8	1903		1566.7856		1.66	0	19	71	1	YAEPFSALAWLSGR
₩	2432		1830.0391		3.62		19	15	1	LEIHTYLNMILLTIK + Oxidation (M)
8	1229			1286.7016		0	19	95	1	QAQKPTVSMVAK
₩	2377			1800.0244		1	19	14	1	VETIDELLSVTKNVLK
8	209	413.2396		824.4643		0	19	40	1	IEPPELK
₩	2659			2081.0027			19	64	1	IMPDYYDSLSNLPDVPVK + Oxidation (M)
8	1200				3.72	1	19	72	1	SPLTRLAAEYR
		638.8564	1275.6982	12/5.6935					1	
W.	2542		1275.6982 1912.9064			1	19	64		MAETFNLSDLKGTSAAEL + Oxidation (M)
8	2542 782	957.4605	1912.9064	1912.9088	-1.22		19 19	64 98	1	MAETFNLSDLKGTSAAEL + Oxidation (M) DVLSLPWSSR
<b>W</b>	782	957.4605 387.2073	1912.9064 1158.6001	1912.9088 1158.6033	-1.22 -2.80	0				DVLSLPWSSR
<b>2</b>	782 1509	957.4605 387.2073 674.8775	1912.9064 1158.6001 1347.7404	1912.9088 1158.6033 1347.7432	-1.22 -2.80 -2.02	0 1	19	98 57	1	
8	782 1509 302	957.4605 387.2073 674.8775 450.7448	1912.9064 1158.6001 1347.7404 899.4750	1912.9088 1158.6033 1347.7432 899.4721	-1.22 -2.80 -2.02 3.27	0 1 0	19 19	98 57	1 1 1	DVLSLPWSSR SGVMEKIISQIK + Oxidation (M)
8 8	782 1509 302 359	957.4605 387.2073 674.8775 450.7448 471.7510	1912.9064 1158.6001 1347.7404 899.4750 941.4874	1912.9088 1158.6033 1347.7432 899.4721 941.4905	-1.22 -2.80 -2.02 3.27 -3.27	0 1 0	19 19 19	98 57 41 42	1 1 1	DVLSLPWSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR
8	782 1509 302 359	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494	1912.9088 1158.6033 1347.7432 899.4721	-1.22 -2.80 -2.02 3.27 -3.27 1.88	0 1 0 0	19 19 19	98 57 41 42	1 1 1	DVLSLPWSSR SGYMEKLISQIK + Oxidation (M) MPVVAPMR AMPFAMLR
X X X X	782 1509 302 359 1365 304	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58	0 1 0 0 0	19 19 19 19	98 57 41 42 94	1 1 1 1	DVLSLPWSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AHPFAMLR NLDTVPGPGADPR
	782 1509 302 359 1365 304	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83	0 1 0 0 0 0	19 19 19 19 19 19	98 57 41 42 94	1 1 1 1 1	DVLSLPWSSR SGVMEKLISQIK + Oxidation (M) MPVVAPMR AHPFAMLR NLDTVFGFGADFR EDETAIK RVLELDDDAR
<b>8 8 8 8 8 8</b>	782 1509 302 359 1365 304 893 1416	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97	0 1 0 0 0 0 1	19 19 19 19 19 19 19	98 57 41 42 94 97 79 66	1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MFVVAPMR AHPFAMLR MLDTVPGPCADPR EPLETAIK RVLELDDDAR LIMLQYGVMEK + Oxidation (M)
8 8 8 8 8 8 8	782 1509 302 359 1365 304 893 1416 2200	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29	0 1 0 0 0 0 0 1	19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66	1 1 1 1 1 1 1 1	DVLSLPWSSR SGVMEKLISQIK + Oxidation (M) MPVVAPMR AHPFAMLR NLDTVFGFGADFR EDETAIK RVLELDDDAR
8 8 8 8 8 8 8 8	782 1509 302 359 1365 304 893 1416 2200	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 351.1829	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539 700.3504	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21	0 1 0 0 0 0 1 0	19 19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66 62 51	1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AHPFAMM.R NLDTVPGPGADPR EPLETAIK RVLEIDDDAR LLMLQYGVMEK + Oxidation (M) KQGSIELIGGSMPSGK + Carbanidomethyl (C)
8 8 8 8 8 8 8 8	782 1509 302 359 1365 304 893 1416 2200 28 879	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 598.3253	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539 700.3504 1194.6357	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33	0 1 0 0 0 0 1 0 1	19 19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66 62 51	1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AHPFAMLR MLDTVPGCADPR EPLETAIK RVLELDDDAR LIALLGYGVMEK + Oxidation (M) KQGSIELIGGSMPSGK + Carbamidomethyl (C) DGPVSAR NEKLPPENNR
8 8 8 8 8 8 8 8 8 8 8	782 1509 302 359 1365 304 893 1416 2200 28 879 2246	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 598.3253 878.4643	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1194.6360 1754.9140	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539 700.3504 1194.6357 1754.9124	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94	0 1 0 0 0 0 1 0 1	19 19 19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66 62 51 69	1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AHPFAMLR NLDTVPGPGADPR EPLETAIK RVLELDDDAR LLMLQYGVMEK + Oxidation (M) KQGSIELIGGSMPSGK + Carbanidomethyl (C) DGVSAR MEKLPFNVR EFMSSVILEKSALSAK + Oxidation (M)
	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 351.1829 598.3253 878.4643 665.8715	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1194.6360 1754.9140	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539 700.3504 1194.6357 1754.9124	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45	0 1 0 0 0 0 0 1 0 1 0	19 19 19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66 62 51 69 60	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AHPFAMLR MLDTVPGCADPR EPLETAIK RVLELDDDAR LIALLGYGVMEK + Oxidation (M) KQGSIELIGGSMPSGK + Carbamidomethyl (C) DGPVSAR NEKLPPENNR
	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 601.3127 662.3551 871.4362 598.3253 878.4643 665.8715 425.7185	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1194.6360 1754.9140 1329.7284 849.4224	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1700.3504 1194.6357 1754.9124 1329.7252 849.4201	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81	0 1 0 0 0 0 1 0 1 0 1	19 19 19 19 19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66 62 51 69 60 77	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MDVVAPMR AHPFAMLR MLDTVPGFADPR EPLETAIK RVLELDDDAR LLMLQYGVMEK + Oxidation (M) KQGSIELIGGSMFSGK + Carbanidomethyl (C) DGFVSAR MEKLPPENVR EFMSSVILEKSALSAK + Oxidation (M) LSINQLSSNNLK
	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252 735	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 598.3253 878.4643 665.8715 568.7968	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1194.6360 1754.9140 1329.7284 849.4224 1135.5790	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539 700.3504 1194.6357 1754.9124 1329.7252 849.4201 1135.5768	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81	0 1 0 0 0 0 1 0 1 0 1	19 19 19 19 19 19 19 19 19 19 19 19	98 57 41 42 94 97 79 66 62 51 69 60 77 83	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPHR AHPFAMLR MLDTVFGFADPR EPLETAIK RVLELDDDAR LLMLQYGVMEK + Oxidation (M) KQGSIELIGGSMPSGK + Carbamidomethyl (C) DGBVSAR NEELPPSDNNR EPMSSVLLKSALSAK + Oxidation (M) LSINQLSSNNLK MHLVNSR SASRELVACSR
N N N N N N N N N N N N N N N	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252 735 733	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 351.1829 598.3253 878.4643 665.8715 425.7185 568.7968	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1194.6360 1329.7284 849.4224 1135.5790 1135.5786	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1200.6098 1322.6904 1740.8539 700.3504 1194.6357 1754.9124 1329.7252 849.4201 1135.5768	-1.22 -2.80 -2.02 3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81 2.01	0 1 0 0 0 0 1 0 1 0 1 0 0	19 19 19 19 19 19 19 19 19 19 19 19 19 1	98 57 41 42 94 97 79 66 62 51 69 60 77 83 61 60	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AMPFAMLR MLDTVPGPCADPR EPLETAIK RVLELDDDAR LIMLGVGVMEK + Oxidation (M) KQGSIELIGGSMPSGK + Carbamidomethyl (C) DGVVAR NEKLEPENVR EPMSSVILEKSALSAK + Oxidation (M) LSINQLSSNLK MMLVMSR SASRSLVACSR APPPPAVAASCR
X X X X X X X X X X X X X X X X X X X	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252 735 733 1679	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 351.1829 598.3253 878.4643 665.8715 568.7968 568.7966 699.8854	1912.9064 1158.6001 1347.7404 899.4750 941.4874 899.4958 1307.6494 899.4958 1322.6956 1740.8578 700.3512 1194.6360 1754.9140 1329.7284 849.4224 1135.5796 1397.7562	1912.9088 1158.6033 1347.7432 899.4721 941.4905 1307.6470 899.4964 1322.6904 1740.8539 700.3504 1194.6357 1754.9124 1329.7252 849.4201 1135.5768 1397.7588	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81 2.01	0 1 0 0 0 0 1 0 1 0 1 0 1	19 19 19 19 19 19 19 19 19 19 19 19 19 1	98 57 41 42 94 97 79 66 62 51 69 60 77 83 61 60 53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SGVMEXISQIK + Oxidation (M) MPVVAPMR AHPFAMLR MLDTVPGGGADPR EPLETAIK RVLELDDDAR LLMLQYGVMEK + Oxidation (M) KGGSIELICGSMFSGK + Carbamidomethyl (C) DGFVSAR MELLPPENNR EFMSSVILEKEALSAK + Oxidation (M) LSINQLSSNNILK MMLVNSR SASRSIVACSR APPFPAVAASCR KLAEMMLEPLEP + Oxidation (M)
X X X X X X X X X X X X X X X X X X X	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252 735 733 1679 1788	987, 4605 387, 2073 674, 8775 450, 7448 471, 7510 654, 8320 450, 7552 601, 3127 662, 3551 871, 4362 351, 1829 598, 1823 378, 4643 665, 8715 425, 715 699, 8854 699, 8854	1912.9064 1158.6001 1347.7404 899.4750 941.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1394.6360 1754.9140 1329.7284 849.4224 1135.5786 1397.7562 1508.8824	1912.9088 1158.6033 1347.7432 899.4721 991.4905 1307.6470 899.4964 1200.6098 1322.6994 1740.8539 700.3504 1194.6357 1754.9124 1329.7252 849.4201 1315.5588 135.5888 1397.7588 1508.8813	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81 2.01 -1.89 -0.73	0 1 0 0 0 1 0 1 0 1 0 1 0	19 19 19 19 19 19 19 19 19 19 19 19 19 1	98 57 41 42 94 97 79 66 62 51 69 60 77 83 61 60 53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MDVVAPMR AHPFAMLR NLDTVPGFADPR EPLETAIK RVLELDDDAR LIMLQYGVMEK + Oxidation (M) KQGSIELIGGSMFSGK + Carbanidomethyl (C) DGSVSAR MEKLPPENVR EFMSSVILEKSALSAK + Oxidation (M) LSINQLSSNNLK MMLVMSR SASRSLVACSR APPFPAVAASCR KLAENMLEPLEP + Oxidation (M) EALEVIELEPLEP + Oxidation (M) EALEVIELEPLEP + Oxidation (M) EALEVIELEPLEP + Oxidation (M) EALEVIELEGLEPLEP + Oxidation (M) EALEVIELEGLEPLEP + Oxidation (M)
X X X X X X X X X X X X X X X X X X X	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252 735 733 1679 1788 3213	957.4605 387.2073 674.8775 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 351.1629 598.3253 878.4643 655.8715 425.7185 568.7966 699.8854 799.8854 799.8854 1164.5800	1912.9064 1158.6001 1347.7404 899.4750 991.4874 1307.6494 899.4958 1200.6108 1322.6956 1740.8578 700.3512 1194.6360 1754.9140 1329.7284 849.4224 1315.5790 135.5790 135.5796 137.7562 1508.8824 2327.1645	1912-9088 1158-6033 1347-7432 899-4721 991-4095 1307-6470 899-4964 1200-6098 1322-6904 1740-8539 700-3504 1194-6357 1754-9124 1329-7252 849-4201 1325-568 1355-568 1355-588	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81 2.01 -1.89 -1.89 -1.83	0 1 0 0 0 0 1 0 1 0 0 1 0 0 1 1 0	19 19 19 19 19 19 19 19 19 19 19 19 19 1	98 57 41 42 94 97 79 66 62 51 69 60 77 83 61 60 53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MPVVAPMR AHPFAMLR MLDTVPGPGADPR EPLETAIK RVLELDDDAR LIMLGYGVMEK + Oxidation (M) KQGSIELIGGSMFSGK + Carbanidomethyl (C) DGPVSAR MEKLEPENNR EFMSSVILEKSALSAK + Oxidation (M) LSINGLSSNILK MMLVNSR SASRSLVACSR APPPRAVASCR KLAEMMLEPLER + Oxidation (M) EAIEVIKAIGLIPEK HTDHBOVLDTKYLTVLLKK HTDHBOVLDTKYLTVLLKK HTDHBOVLDTKYLTVLLKK HTDHBOVLDTKYLTVLLKK HTDHBOVLDTKYLTVLLKK HTDHBOVLDTKYLTVLLKK
X X X X X X X X X X X X X X X X X X X	782 1509 302 359 1365 304 893 1416 2200 28 879 2246 1438 252 735 733 1679 1788	957. 4605 387.2073 674.8773 450.7448 471.7510 654.8320 450.7552 601.3127 662.3551 871.4362 351.1829 598.3253 878.4643 655.8715 425.7186 568.7966 699.8894 755.4485 1164.5800 939.0987	1912-9064 1158-6001 1347-7401 899-4750 941-4874 1307-6494 899-4958 1200-6108 1322-6956 1740-8578 700-3512 1194-6360 1754-9140 1329-7284 849-4224 1315-5796 1315-5786 1397-7562 1508-8824 2327-1454 2314-2745	1912.9088 1158.6033 1347.7432 899.4721 991.4905 1307.6470 899.4964 1200.6098 1322.6994 1740.8539 700.3504 1194.6357 1754.9124 1329.7252 849.4201 1315.5588 135.5888 1397.7588 1508.8813	-1.22 -2.80 -2.02 3.27 -3.27 1.88 -0.58 0.83 3.97 2.29 1.21 0.33 0.94 2.45 2.81 2.01 -1.89 -1.82 0.73 -3.94 2.83	0 1 0 0 0 0 1 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1	19 19 19 19 19 19 19 19 19 19 19 19 19 1	98 57 41 42 94 97 79 66 62 51 69 60 77 83 61 60 53		DVLSLPMSSR SGVMEKIISQIK + Oxidation (M) MDVVAPMR AHPFAMLR NLDTVPGFADPR EPLETAIK RVLELDDDAR LIMLQYGVMEK + Oxidation (M) KQGSIELIGGSMFSGK + Carbanidomethyl (C) DGSVSAR MEKLPPENVR EFMSSVILEKSALSAK + Oxidation (M) LSINQLSSNNLK MMLVMSR SASRSLVACSR APPFPAVAASCR KLAENMLEPLEP + Oxidation (M) EALEVIELEPLEP + Oxidation (M) EALEVIELEPLEP + Oxidation (M) EALEVIELEPLEP + Oxidation (M) EALEVIELEGLEPLEP + Oxidation (M) EALEVIELEGLEPLEP + Oxidation (M)

₽ :	811	E04 2070	1166 5010	1166.5792	1 56	0	19	55	1	TTNNHQPSLR
	172			1271.6040		1	19	55	1	REGATGEMHIR + Oxidation (M)
	149			2303.2307		ō	19	39	ī	DTHSILGMIHAEEALLVSIVR
	740			1434.6627			19	46	1	FSGEEGQPTAGEVK
	183		1273.6159		2.65		19	73	1	MSQFKSDFLR + Oxidation (M)
	145	859.4783	1716.9420	1716.9484	-3.71	1	19	38	1	FDPKMPISTLIGSLAK
₩.	275	439.7158	877.4170	877.4182	-1.26	0	19	63	1	DFDLGSPK
₩.	120	382.6826	763.3506	763.3534	-3.66	0	19	1.2e+002	1	MDDVIR + Oxidation (M)
☑ 1	686	467.9157	1400.7253	1400.7259	-0.47	1	19	84	1	AGDVLRQAVEESK
	282	441.7500	881.4854	881.4858	-0.41	0	19	46	1	APPIDLEK
	568	680.8777	1359.7408	1359.7398	0.78	1	19	74	1	VANPEDFLKSLK
	658	464.5820	1390.7242	1390.7205	2.67	1	19	94	1	HSYTLNSSGGKIK
	741	568.7975	1135.5804	1135.5768	3.24	1	19	79	1	SASRSLVACSR
	888		1566.7826		2.28	1	19	75	1	GGFGLVYKGDLNDGR
	604			1088.5648		0	19	1.5e+002	1	DAMAALASAIR
	321	458.2790	914.5434	914.5437		0	19	88	1	IAGVVDTLK
⊌	919	404.2105	1209.6097	1209.6064	2.74	0	19	92	1	LVFMTDQAAAK + Oxidation (M)
	947	792.9641	1583.9136	1583.9134	0.16	1	19	17	1	LIDAEIKSLVEGGLK
₩.	954	611.3073	1220.6000	1220.5972	2.35	1	19	1e+002	1	ASTGWRLMGDK
☑ 1	604	686.8782	1371.7418	1371.7405	0.99	1	19	78	1	RPVIGLDMSGRR + Oxidation (M)
☑ 1:	896	784.3992	1566.7838	1566.7790	3.07	1	19	91	1	SVPREFYSGLAEGR
☑ 1	537	452.9117	1355.7133	1355.7157	-1.80	1	19	73	1	RSLNPDGLDLTR
☑ 1:	902	784.3998	1566.7850	1566.7831	1.27	0	19	92	1	YAEPFSALAWLSGR
₩	72	371.2164	740.4182	740.4181	0.23	0	19	95	1	QVEIPR
	955	746.6982	2237.0728	2237.0722	0.27	1	19	67	1	VFSMLDSMGFVPKQQSQHR + Oxidation (M)
<b>2</b> 1	394	658.3666	1314.7186	1314.7157	2.28	1	19	90	1	HSISATFRAGIR
₽ 1	435		1326.7148		0.39	0	19	65	1	KPLGSSPVSSGSPK
	488	625.3612	1873.0618	1873.0614	0.18	0	19	18	1	LVGGYHFPLFLLTLQR
	716			1417.7453		0	19	68	1	ENEGSAFTIILPK
	729		1428.7936		0.03	0	19	62	1	ISVGASSAAVNAALAK
	144		1716.9414		0.26	1	19	39	1	GNILEFNITKIVDNK
	311			1298.6942		1	19	83	1	GERVIIQNQDK
<b>₩</b> 1	153			1263.6605		1	19	80	1	TNTTALRASMK
	405	606.0167	1815.0283	1815.0215	3.71	0	19	20	1	ELIEAYIPILCALGGIK
	427	611.0175	1830.0307	1830.0285	1.19	1	19	26	1	GKMVVVLSGGPTTISGALK + Oxidation (M)
	408	660.8666	1319.7186	1319.7237	-3.86	1	19	68	1	SPAYIFEPKIR
	986			1225.6302		0	19	76	1	EDIITETHIR
	268	436.7388					19	89	1	AIISDEPK
	651			1111.6277		1	19	60	1	YFDIKSVLK
	030			1227.6248		0	19	75	1	VAPEDFNALPR
	192		1733.9245		2.60	1	19	63	ī	SFEVIVGKSIPDTGASK
	551		1355.7163		0.42		19	79	1	ODIAVRLNGNEK
	428	494.2893	986.5640			1	19	84	1	QAWVRSLK
	507		1347.7396		-0.15	ī	19	67	ī	EAVLYKLEIDR
	418			1824.0293		0	19	23	1	MVVELFCFLAVVVVLK + Oxidation (M)
	893		1566.7834		2.76	0	19	91	1	VAVFGYNQEQLGSR
	436		1831.0258		2.98	1	19	30	1	IVFSNVNLNNKSELIK
	437			1328.7374		ō	19	82	ī	IIIMVDLNASPK + Oxidation (M)
	503		1043.5142		3.29	1	19	80	ī	DPSRQTQGR
	144		1262.6104		2.13	1	19	81	1	DWLIGCRIGDK
	225			1284.6721		ī	19	79	ī	MTRIIAGTHGGR + Oxidation (M)
	627		1381.7318		3.15	1	19	66	1	ILYLMENAGSKK + Oxidation (M)
	400			1812.0357			19	23	1	KIQTVLDSVQGVEGVLK
	514			1051.5233		1	19	88	1	MRNDFTLR
	179		1732.9372		0.73		19	47	1	YILODVOSLEKLER
	248			2344.2539		1	19	40	1	AAEYGQYAIKQPAVISNVGLPR
	671						19	73	1	DSLMERNTR
	367		2452.2625		0.74		19	64	ī	ALAAELIHFVTMHPDAAMITLR + 2 Oxidation (M)
	131		1712.9070		0.79		19	72	1	ISDDLVVVRDLANER
	069			1241.6299			18	72	1	MRANPADQAIR
	489			1341.7252		1	18	88	1	ENLTPAERATLK
	503			1347.7003		0		1.1e+002	1	MMGGIVSSIALNR
	672		1120.5370		0.15		18	95	1	MAGMLDQALR + Oxidation (M)
	885		1566.7825		2.18	0	18	85	ī	VAVFGYNQEQLGSR
	272			1291.5721		0	18	43	1	YGIFSDEYGNK
	423			1324.7099			18	67	1	TVSQAVPGREGPK
	780							1.2e+002	ī	SQDGSLVAINR
-	632			1382.7201			18	77	1	MSGNVVNLRTHR
	188		1732.9424		3.75		18	60	1	INDIFAGKGVTEAIGTK
_	885	599.8018	1197.5890	1197.5850	3.35	1	18	78	1	SHAEGGTRDLR
	188			1273.6197		1	18	86	1	DTHRQTITMR + Oxidation (M)
	157			1718.9203		1	18	70	1	VAGGYLIIENKGTAADK
	323		2391.3294		1.43	1	18	20	1	SLDEALAIKNSAIAEELALPPVK
Ø 1				1306.7132			18	68	1	LSLFDSGLAKEK
	773			1152.5887		ō	18	72	1	EIHQSNALNK
<b>≥</b> 1								1.4e+002	1	IONTLTGEVDR
<u>₽</u> 2				1799.0305	1.53	1	18	20	1	EYLGPAAGLLQVTRLAK
				2390.1801	-1.94	1	18	79	1	MKRPIIISQHSSYSYGHADGK + Oxidation (M)
Ø 1		626.8307	1251.6468	1251-6459	0.74	0	18	83	1	TSVGGYTIADIR
Ø ±				1540.7636			18	89	1	AFLEWPYMVLEK + Oxidation (M)
E 1				1524.7725		0	18	77	1	EFLVSAYFSLHGR
<u>₹</u> 2				1694.8080			18	87	1	SLRGNEMNCLSGIGTK + Oxidation (M)
<u>₽</u> 2				1884.9363			18	85	1	GDLDIANNMAVADINALR
<u> </u>			751.3856					1.3e+002	1	YDVSIR
<b>≥</b> 2:				1762.9425			18	57	1	LTGTTTVAKEQITTSGR
				2215.0368			18	60	1	HPGEMEHGFINVTDLTFGSK
				2334.1452			18	82		GGDTLIGGVAADTLSGGSGADALFGR
				926.5549			18	85		AITPELKR

☑ 58	365 1972	728.3798	728 3817	-2 54	0	18	1e+002	1	DIPGTAR
1749		1447.7779				18	71	1	GDLYLLPVMNSVK
☑ 2504		1886.0725				18	17	1	LLLNTSAIASQSIILSDK
☑ 1691	469.2610	1404.7612	1404.7572	2.82	1	18	81	1	SSRESTLISANLK
☑ 2613	1012.5540	2023.0934	2023.0884	2.48	1	18	43	1	NGVTLTKEQDHLICALIR
☑ 1558	678.8668	1355.7190	1355.7157	2.47	1	18	98	1	DQALIKAQEAGGR
		1662.7622				18	64	1	MTGDATTAPSPSSERR
		1716.9406			1	18	55	1	LSLISAMDKNGLIGTGK
		2186.0534				18	85	1	TDNPLLCDPKEGLCELPTTK
☑ 1504		1347.7372			1	18	78	1	KAHIHSSLGGVSR
<u>≥ 582</u>		1081.5775			1	18	76	1	KYGASSQTIK
€ <u>687</u>		1128.5623			0	18	65	1	QQRPQTSER
☑ <u>2357</u>		1794.9052			0	18 18	89	1	AYKSLITDVDEDWIK ACLVSASK
	389.7085 372.7043				0	18	2.3e+002 2e+002	1	FHAEIK
₹ 3029		2265.2214			1	18	43	1	LPAPFGDRSVWTPDAALALLR
□ 3023     □ 1201		1276.6054			1	18	94	1	RSLDGSGEVSDR
≥ 2585		1974.9812		2.71	ō	18	94	1	WGTEAAVALAAAGSAASGATSR
☑ 2900		2212.0720		3.25	1	18	85	1	NKAIVQEGQYDELTGEFGSK
₹ 484		1028.5148			1	18	92	1	CHIKQTSGR
2136	429.7286	1714.8853	1714.8825	1.64	1	18	89	1	VMEGHGIFRVTAVGDK
☑ 1111	626.8308	1251.6470	1251.6459	0.93	0	18	91	1	SSLGQYLSELR
☑ 1940	528.2725	1581.7957	1581.7895			18	1e+002	1	VCCVKNIYDVLEK + Carbamidomethyl (C)
☑ 934	608.3023	1214.5900	1214.5891		1	18	78	1	TSFKTNSSTSR
☑ 1406		1319.6484			1		1.1e+002	1	ARMVNAMGGIER + Oxidation (M)
2104		1690.9294			0	18	47	1	VYSVIQSQINAALSAK
☑ 193	405.7030				0	18	91	1	YDGSVAAK
₹ <u>736</u>		1135.5790			0	18	84	1	GQSVTSSTTLR
☑ 1246		1290.7186				18	70	1	TKSASALTGLTNK
☑ <u>3155</u>		2306.1014				18 18	87	1	QPNADQLAMLQKDITSTCSSR GPLLDDALK
		940.5232 1272.7086					56	1	NLTLQINSVGSK
<u>■ 1177</u>		1083.5208				18	85	1	TLIKMCGMR + 2 Oxidation (M)
<ul> <li>         ≥ 387         </li> <li>         ≥ 244         </li> </ul>		843.4124				18	37	1	MPAAAPMR
E 627		1101.5214				18	60	1	ESADAFHGLR
<b>≥</b> 660		1117.5144				18	69	1	MTEHVSKDR + Oxidation (M)
☑ 2054		1688.9194			1	18	68	1	VRLAANTYDALIVDR
☑ 372		952.5596			0	18	24	1	LPPGDITLK
	867.4741	1732.9336			1	18	64	1	INDIFAGKGVTEAIGTK
☑ 1688	702.8724	1403.7302	1403.7330	-1.94	1	18	1.2e+002	1	AELLKQLAEMDK + Oxidation (M)
≥ 897	602.2979	1202.5812	1202.5832	-1.65	0	18	79	1	WGAWSADALAR
☑ 2002	823.4675	1644.9204	1644.9198	0.37	1	18	38	1	LEKPASYDAIKAAIR
☑ 1250	646.3666	1290.7186	1290.7183	0.24	1	18	72	1	LSIKDFLSGSPK
☑ 1374	437.9045	1310.6917			0	18	90	1	LMEILLDSHPK + Oxidation (M)
<b>≥</b> 89	376.7004		751.3864		0		1.4e+002	1	YDSVIR
☑ 1136		1257.6223			1	18	97	1	YMAQKAFLDR + Oxidation (M)
		1716.9452			0	18	50	1	TNLQLVGITCLSIASK + Carbamidomethyl (C)
		2191.1002			0	18	91	1	LDDINIFVAIADNASMTAAAR
☑ 1395		1314.7192			1		1.2e+002	1	KLLEPVLGEFNG
☑ 132 ☑ 1631	385.2262		768.4382		0	18 18	33 95	1	PTPDVLK LLAEQPDNTNIR
	389.7139	1382.7148 777.4132			0		1.1e+002	1	AGYIQAR
		2304.1614			1	18	92	1	
₩ <u>3133</u> ₩ 917									TDWKVT.TTSVCNOVSCHVSP
<u>594</u>		1208 5834					96	- 1	IDWKVLITSVCNQYSGHVSR CONTARWGGLR
	543.7704	1208.5834 1085.5262	1208.5794	3.33	0	18	96 69	1	IDMKVLITSVCNQYSGHVSR CQNIAFMGGLR SLSMHODLR
		1085.5262	1208.5794 1085.5288	3.33 -2.32		18	96 69 72		CQNIAFMGGLR
☑ 873	597.7903	1085.5262 1193.5660	1208.5794 1085.5288 1193.5677	3.33 -2.32 -1.35	0	18 18 18	69 72	1	CQNIAFMGGLR SLSMHQDLR YGGSGLEGGEIR
	597.7903 675.3638	1085.5262 1193.5660 1348.7130	1208.5794 1085.5288 1193.5677 1348.7108	3.33 -2.32 -1.35 1.69	0 0 0	18 18 18	69 72 1.3e+002	1	CQNIAFMGGLR SLSMHQDLR
	597.7903 675.3638 380.6956	1085.5262 1193.5660	1208.5794 1085.5288 1193.5677 1348.7108 759.3763	3.33 -2.32 -1.35 1.69 0.50	0 0 0	18 18 18 18	69 72	1 1 1	CQNTAFMGGLR SLSMMQDLR YGGSGLBGGETR LQFRCLFGMLR + Oxidation (M)
<ul> <li>№ 873</li> <li>№ 1513</li> <li>№ 117</li> </ul>	597.7903 675.3638 380.6956 535.7731	1085.5262 1193.5660 1348.7130 759.3766	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338	3.33 -2.32 -1.35 1.69 0.50 -2.05	0 0 0 1	18 18 18 18	69 72 1.3e+002 2e+002	1 1 1	CONTAFMOGUR SLSMMODUR YGGSGLEGGEIR LOPRCLEGMUR + Oxidation (M) QEEGLGK
<ul> <li>≥ 873</li> <li>≥ 1513</li> <li>≥ 117</li> <li>≥ 566</li> </ul>	597.7903 675.3638 380.6956 535.7731 604.2905	1085.5262 1193.5660 1348.7130 759.3766 1069.5316	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16	0 0 0 1 0 0	18 18 18 18 18 18	69 72 1.3e+002 2e+002 75	1 1 1 1	CONTAFMOGLE SLEMMODLE YGOSGLEGGETE LOPECLEGMLE + Oxidation (M) QUEBLICK MERAPDOLE
<ul> <li>≅ 873</li> <li>⊋ 1513</li> <li>⊋ 117</li> <li>⊋ 566</li> <li>⊋ 908</li> </ul>	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04	0 0 0 1 0	18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95	1 1 1 1	CQNTAFWGGLR SLEMMQDLR YGGSGLEGGETR LQFRCLFGMLR + Oxidation (M) QEBGLGK MRPAPDDLR EDLLERCSSR LTAELSACTDLK TQNREHPDONYAR
<ul> <li>№ 873</li> <li>№ 1513</li> <li>№ 117</li> <li>№ 566</li> <li>№ 908</li> <li>№ 1151</li> <li>№ 1969</li> <li>№ 3197</li> </ul>	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1606.7236 2318.1796	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32	0 0 0 1 0 0 1 0	18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59	1 1 1 1 1 1 1	COMINFMOGUR SLSMEQDIR YGGSGLEGGEIR LQFRCLFGEUR + Oxidation (M) QESGLGK MRFAPDDLR EDLLERCSSR LTAEISACTDLK TQMRRHFDGMTAR LCVQVLGMSTADLEVLLAQCR + Carbamidomethyl (C)
₩     873       ₩     1513       ₩     117       ₩     566       ₩     908       ₩     1151       ₩     1969       ₩     3197       ₩     691	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1606.7236 2318.1796 1128.5636	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79	0 0 0 1 0 0 1 0 1	18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77	1 1 1 1 1 1 1 1	CQNIAPMOGLE SLEMEQDIE YGGSGLEGGEIR LQPRCLPGHER + Oxidation (M) QEEGLGK MEPAPDDLR EDLLERCSSR LTAETSACTDLK TOWERHPOINTAR LCYQVIGHSTADLEVLLAQCR + Carbamidomethyl (C) DLAGARAANDR
₩ 873 ₩ 1513 ₩ 117 ₩ 566 ₩ 908 ₩ 1151 ₩ 1969 ₩ 3197 ₩ 691	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1606.7236 2318.1796 1128.5636 721.3792	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55	0 0 0 1 0 0 1 0 1	18 18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65	1 1 1 1 1 1 1 1 1 1 1	CQNTAFWGGLR SLSMGDLR YGSGCLEGGETR LQFRCLFGMLR + Oxidation (M) QEBGLGK MRPAPDDLR EDLLERCSSR LTAEISACTDLK TQNREHFDCNYAR LCYOVLMSTADLEVLLAQCR + Carbamidomethyl (C) DLAGARAANDR SSLRGL + Oxidation (M)
₩ 873 ₩ 1513 ₩ 117 ₩ 566 ₩ 908 ₩ 1151 ₩ 1969 ₩ 3197 ₩ 691 ₩ 450	597.7903 675.3638 380.6956 535.7731 604.2905 804.3698 773.7328 565.2895 361.6967 504.7779	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1606.7236 2318.1796 1128.5636 721.3792 1007.5400	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28	0 0 0 1 0 0 1 0 1 0	18 18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1	COMILAPMOGLE SLSHUGDLE YGGSGLEGGEIR LQPRCLPGHLR + Oxidation (M) QEEGLGK MRPAPDDLR EDLLERCSSR LTABETSACTDLK TOWNEHPDONYAR LCYOVICAMSTADLEVILAÇCR + Carbamidomethyl (C) DLAGARAANDR SSLRML + Oxidation (M) KACYTABIR
<ul> <li>≥ 873</li> <li>≥ 1513</li> <li>≥ 117</li> <li>≥ 566</li> <li>≥ 908</li> <li>▷ 1151</li> <li>≥ 1969</li> <li>▷ 3197</li> <li>▷ 691</li> <li>▷ 450</li> <li>▷ 450</li> <li>▷ 1203</li> </ul>	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1206.5663 1263.6380 1606.7236 2318.1796 1128.5636 721.3792 1007.5400 1277.6404	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63	0 0 0 1 0 0 1 0 1 0 1	18 18 18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.4e+002	1 1 1 1 1 1 1 1 1 1 1 1	CQNTAFWGGLR SLSMMQDLR YGGSGLBGGETR LQFRCLFGBLR + Cxidation (M) QEEGLGK MRRAPDDLR EDLLERCSSR LTAETSACTDLK TONREHFDGNYAR LCVQVLCMSTADLEVLLAQCR + Carbamidomethyl (C) DLAGRABANDR SSLRRL + Oxidation (M) KAGTTAEIR EYFLGHADKK
# 873 # 1513 # 117 # 566 # 908 # 1151 # 1969 # 3197 # 691 # 450 # 1203 # 1167	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1606.7236 2318.1796 1128.5636 721.3792 1007.5400 1277.6404	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32	0 0 0 1 0 0 1 0 1 1 1 1	18 18 18 18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTAPMOGLE SLSHEQDLE YGGSGLEGGEIR LQPRCLPGHLR + Oxidation (M) QESGLSK MRPAPDDLR EDLLERCSSR LTABLSACTDLK TQNREHPDONYAR LCQVQ/LGMSTADLEV/LLAQCR + Carbamidomethyl (C) DLAGARAANDR SSLRPH + Oxidation (M) KAGYTABLR ETFLQHADKK MRCHITVONLR
873 1513 117 566 908 1151 1969 450 450 1203 1167 3209	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2224.0354	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1606.7236 2318.1796 1128.5636 721.3792 1007.5400 1277.6404 1267.6455 2324.0325	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32	0 0 0 1 0 0 1 0 1 1 1 1	18 18 18 18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CQMIAPMOGLE SLSMIQDLE YGGSGLEGGETE LQPRCLEGHLR + Oxidation (M) QEEGLGK MEPAPDDLE EDLLERCSSE LTABESACTDLK TQMREHEDINYAR L_QVQVLGMSTADLEVLLAQCE + Carbamidomethyl (C) DLAGARANDE SSLRML + Oxidation (M) KAGYTABIR EYPLQHADKK MEDHIVONLR QSSSDESDPLVLMEMLSDTK + Oxidation (M)
873 1513 117 566 908 1151 1969 3197 691 460 1203 1167 1167	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 453.2420	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1206.5663 1263.6380 1265.6663 2218.1796 1128.5636 721.3792 1007.5400 1277.6404 1267.6455 2324.0325 1356.7072	3.33 -2.32 -1.35 1.69 0.50 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32	0 0 0 1 0 0 1 0 1 1 1 1 1 1 1 0	18 18 18 18 18 18 18 18 18 18 18 18 18	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.4e+002 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CQNIAFWGGLR SLEMMQDLR YGGSGLEGGETR LQFRCLFGMLR + Oxidation (M) QEEGLGK MRRAPDDLR EDLLERCSSR LTARISACTDLK TQNEHHDGNYAR LCYQVILMSTADLEVLLAQCR + Carbanidomethyl (C) DLAGRARAMDR SSLEML + Oxidation (M) KAGYTAEIR EFYLQHADKK MRDHIVDNIR QSSDESDPLVLNEMLSNDTK + Oxidation (M) AGYPMIVSOVGQDK
873  1513  1513  1566  908  1551  1969  3197  691  466  1203  1167  3209  1167  3309  1562  1562  1562	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 453.2420 464.7459	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1206.7236 2318.1796 1128.5636 721.3792 1007.5400 1267.6405 1267.6455 2324.0325 1356.7072	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20	0 0 0 1 0 0 1 0 1 1 1 1 1 0 0	18 18 18 18 18 18 18 18 18 18 18 18 18 1	69 72 1.3e+002 2e+002 75 95 1.4e+002 65 1.1e+002 1.4e+002 1.1e+002 1.3e+002 66	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTAPMOGLE SLSHIQDLE YGGSGLEGGEIR LQFRCLEGGLER + Oxidation (M) QESGLGK MERAPDOLE EDLLERCSSR LTAEISACTDLK TQMREHPIONYAR LCYGVILAMSTABLEVILAQCE + Carbamidomethyl (C) DLAGARAANDR SSLRML + Oxidation (M) KAOYTABIR EYFLQHADKK MERHHYUNLR QSSIDESDEVLIMERILSNOTK + Oxidation (M) AGVPHIVSGVQQDK REDGEFVGA
873 81513 91513 91513 9156 908 91151 9196 93197 9691 946 9450 91203 91167 93209 91562 91889	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 561.6967 504.7779 639.8258 634.8292 1163.0250 464.7459 400.8825	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2224.0354 1356.7042 927.4772 1199.6257	1208.5794 1095.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6380 1263.6380 1218.1796 1128.5636 721.3792 1007.5400 1277.6404 1277.640	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20	0 0 0 1 0 0 1 0 1 1 1 1 1 1 1 0	18 18 18 18 18 18 18 18 18 18 18 18 18 1	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.4e+002 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CQNIAFWGGLR SLEMMQDLR YGGSGLEGGETR LQFRCLFGMLR + Oxidation (M) QEEGLGK MRRAPDDLR EDLLERCSSR LTARISACTDLK TQNEHHDGNYAR LCYQVILMSTADLEVLLAQCR + Carbanidomethyl (C) DLAGRARAMDR SSLEML + Oxidation (M) KAGYTAEIR EFYLQHADKK MRDHIVDNIR QSSDESDPLVLNEMLSNDTK + Oxidation (M) AGYPMIVSOVGQDK
873 9 1513 9 177 9 566 9 908 9 1151 1969 9 3197 9 691 9 450 9 1203 9 1562 9 3209 9 1562 9 337 9 8399 9 1458	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 73.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 453.2420 464.7459 400.8825 667.3723	1085.5262 1193.5660 1348.7130 759.3766 1009.5316 1206.5564 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7054 1396.7542 199.6257 1332.7300	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1206.5663 1263.6360 1263.6360 12128.5666 721.3792 1007.5400 1277.6404 1267.6455 2324.0325 1356.7072 927.4774 1199.6294	3.33 -2.32 -1.36 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20 -0.15 -3.10 0.87	0 0 0 1 0 0 1 0 1 1 1 1 1 1 0 0 1	18 18 18 18 18 18 18 18 18 18 18 18 17 17	69 72 1.3e+002 2e+002 2e+002 75 95 1.4e+002 60 1.1e+002 1.1e+002 1.1e+002 1.3e+002 60 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTAPMOGLE SLSHIQDLE YGGSGLEGGEIR LQPRCLEGHLR + Oxidation (M) QESGLGK MREAPDOLR EDLLERCSSR LTABLSACTDLK TQMREHEDONYAR LCQVO/LGMSTADLEV/LLAQCR + Carbanidomethyl (C) DLAGARAANDR SSLREH. + Oxidation (M) KAGYTABIR EYFLQHADKK MRCHITVENLR QSSSDESDBL/UNEMLSHDTK + Oxidation (M) AGYPHIT/SOVQOK REDGRPVGA TLGMYVMLK + 2 Oxidation (M) EILKDNTIPK
873 9 1513 9 566 9 908 9 1969 9 3997 9 691 9 450 9 450 9 3209 1 1562 9 337 9 889 9 1458 9 1502	597.7903 675.3638 380.6956 535.7731 604.2905 632.8206 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 444.7459 400.8825 667.3723 674.3614	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300	1208.5794 1095.5288 1093.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6300 1263.6300 1277.6404 1276.6405 1286.7072 2924.4774 1199.6294 1332.7289 1346.7042	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 -1.32 -2.20 -0.15 -3.10 0.87	0 0 0 1 0 0 1 0 1 1 1 1 1 0 0 1 1 0 0 1	18 18 18 18 18 18 18 18 18 18 18 18 17 17 17	1.3e+002 2e+002 75 95 1.4e+002 77 96 77 60 1.1e+002 1.4e+002 1.1e+002 1.3e+002 60 1.2e+002 92	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CQMIAPMOGLE SLSHUQDLE YGGSGLEGGETE LQPRCLEGHLR + Oxidation (M) QEEGLGK MEPAPDDLE EDLLERCSSR LTABESACTBLK TQMERHEDDINAR L_QVQVLGMSTADLEVLLAQCR + Carbamidomethyl (C) DLAGARANIDE SSLEML + Oxidation (M) KAGYTABIR EYPLQHADKK MEDHIVDNLR QSSSDESDPLVLNEMLSNDTK + Oxidation (M) AGYPHIVSCVGQDK REDGREFYGA TLGMYVMLLK + 2 Oxidation (M) ELIKONTIPE KSDSGLATPSTANK
873 9 1513 9 566 9 908 9 1969 9 3997 9 691 9 450 9 450 9 3209 1 1562 9 337 9 889 9 1458 9 1502	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 453.2420 464.7459 400.8825 667.3723 674.3614	1085.5262 1193.5660 1348.7130 759.3766 1009.5316 1206.5564 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7054 1396.7542 199.6257 1332.7300	1208.5794 1085.5288 1085.5288 1348.7108 759.3763 1069.5338 1206.5663 1263.6360 1263.6360 1211.325.6360 1212.56404 1267.6455 2324.0325 1356.7072 927.4774 1392.7289 1346.7042 2318.1439	3.33 -2.35 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20 0.87 3.10 0.87	0 0 0 1 0 0 1 0 1 1 1 1 1 0 0 1 1 1 1 1	18 18 18 18 18 18 18 18 18 18 18 18 17 17	69 72 1.3e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.1e+002 1.2e+002 1.3e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTAPMOGLE SLSHIQDLE YGGSGLEGGEIR LQPRCLEGHLR + Oxidation (M) QESGLGK MREAPDOLR EDLLERCSSR LTABLSACTDLK TQMREHEDONYAR LCQVO/LGMSTADLEV/LLAQCR + Carbanidomethyl (C) DLAGARAANDR SSLREH. + Oxidation (M) KAGYTABIR EYFLQHADKK MRCHITVENLR QSSSDESDBL/UNEMLSHDTK + Oxidation (M) AGYPHIT/SOVQOK REDGRPVGA TLGMYVMLK + 2 Oxidation (M) EILKDNTIPK
873 9 1513 9 177 9 566 9 908 9 1569 1 1969 9 466 1 450 1 1203 1 1677 9 3209 9 1562 8 889 9 1458 8 152 8 889 9 1458 9	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3598 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 453.2420 464.7459 400.8825 667.3723 674.3614 1160.0800	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1203.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300 1346.7082 2318.1454	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1606.7236 2318.1796 1128.5636 7210.75400 1277.6404 1277.6404 1277.6405 2324.0325 2324.0325 2336.7072 2927.4774 1199.6294 1332.7289 1346.7042 2318.1139	3.33 -2.35 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20 -0.15 -3.10 0.67 1.53	0 0 0 1 0 0 1 0 1 1 1 1 1 0 0 1 1 1 1 1	18 18 18 18 18 18 18 18 18 18 18 17 17 17 17	1.3e+002 2e+002 75 95 1.4e+002 1.4e+002 1.1e+002 1.1e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTAPMOGLE SLSMEQDLE YGGSGLEGGEIR LQPRCLEGGLER + Oxidation (M) QESGLSK MERAPDOLE EDLLERCSSR LTAEISACTOLK TQMREHPOINTAR LCQVQ*LGMSTADLEVLLAQCR + Carbanidomethyl (C) DLAGARAANDR SSLREL + Oxidation (M) KAGYTASIR EYFLQHADKK MEDHIVDNIR QSSSDESDELVIANEMLSNDTK + Oxidation (M) AGYPHYIVSGVGQOK REDGRPVGA TLGMYVYGLK + 2 Oxidation (M) EILKUNTIPK KSDGSLGTBSTAVK MCMCPLFFGSEFVIDMAFGK + 2 Oxidation (M)
873 8 1513 9 1517 8 566 9 908 9 1551 9 1969 9 3197 9 46 9 1203 9 1167 8 3209 9 1562 9 1562 9 1502 9 1502 9 1502	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3658 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 444.7459 400.8825 667.3723 674.3614 1160.0800 350.6910 425.5462	1085.5262 1193.5660 1348.7130 799.3766 1069.5316 1206.5664 1263.6394 1606.7250 2318.1766 1128.5644 721.3768 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 297.4772 1199.6257 1332.7300 1346.7082 2318.1454 699.3674 1273.6168 999.4442	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1260.7236 2318.1796 1128.5636 721.3792 1007.5400 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1273.6294 1335.7292 1346.7042 2318.14364 1273.6203 1909.4412	3.33 -2.35 1.69 0.50 0.16 -2.05 0.16 -2.08 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20 -0.15 -3.10 0.87 3.067 1.53 -2.81	0 0 0 1 0 0 1 0 1 1 1 1 0 0 0 1 1 1 1 1	18 18 18 18 18 18 18 18 18 18 18 17 17 17 17	1.3e+002 2e+002 75 75 1.4e+002 96 77 6 1.1e+002 1.4e+002 1.3e+002 1.3e+002 92 1.2e+002 1.2e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CQMIAPMOGLE SLSMIGDLE YGGSGLEGGETE LQPRCLPGMLR + Oxidation (M) QEEGLGK MEPAPDDLR EDLLERCSSR LTABETSACTDLK TOWREHPCDNYAR LCYOVIGMSTADLEVLLAQCR + Carbamidomethyl (C) DLAGARAANDR SSLRRL + Oxidation (M) KAGYTABIR EYFLQHADKK MEDHLYDNIR QSSDSEDDFLVIANEMLSNDTK + Oxidation (M) AGYPHIYSOVGOOK REDGRPVGA TLGMYVMLLK + 2 Oxidation (M) ELIKONTITPE KSDGSLGTPSTAVK MCMQPFLFSGEFVIDMAFGK + 2 Oxidation (M) NGPVSAR GFAYAKYGNGR
873 873 873 873 874 875 875 875 875 875 875 875 875 875 875	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3657 773.7328 555.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 445.2420 464.7459 400.8825 667.3723 674.3614 1160.0800 350.6910 425.5462	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 1318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300 1346.7082 2318.1454 699.3574	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1260.7236 2318.1796 1128.5636 721.3792 1007.5400 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1273.6294 1335.7292 1346.7042 2318.14364 1273.6203 1909.4412	3.33 -2.35 1.69 0.50 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 -2.63 -1.32 -3.10 0.87 3.03 0.67 1.53 -2.21 -2.21	0 0 0 1 0 0 1 1 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1	18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17	69 72 1.3e+002 2e+002 2e+002 75 95 1.4e+002 59 96 77 65 1.1e+002 1.1e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTAPMOGLE SLSMIQDLE YGGSGLEGGEIR LQPRCLEGGLER + Oxidation (M) QESGLGK MREAPDOLE EDLLERCSSE LTABISACTDLK TQMREHPDONYAR LCYQVICMSTADLEVILAQCR + Carbamidomethyl (C) DLAGARAANDR SSLRRL + Oxidation (M) KAOTTABIR EYFLQHADKK MEDHIYONLR QSSSDESDBLVIAMENLSNDTK + Oxidation (M) AGVPWITSGVOGOK REDGKPVGA TLOMYVGLIK + 2 Oxidation (M) EILKONYIPFS KSDGSLOTPSTAVK MCMCPLFSGEFVIDMAFGK + 2 Oxidation (M) NGPVSAR GFAYAKYGNGR MMITGITE
8 73 873 873 873 873 873 873 873 873 873	597.7903 675.3638 530.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 444.7459 400.8825 667.3723 674.3514 1160.0800 350.6910 425.5462 455.7294 608.8067 672.8168	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300 1346.7082 2318.1454 699.3674 1273.6168 999.4442 1273.5988	1208.5794 1095.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1263.6380 1263.6380 1263.6380 1283.6562 721.3792 1007.5400 1287.6404 1267.6404 1267.6405 1234.0325 1335.7072 927.4774 1199.6294 1332.7289 1346.7042 2318.1439 699.3664 1273.6203 909.4412 1215.5956	3.33 -2.32 -1.35 1.69 0.50 0.16 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20 -0.15 -3.10 0.67 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53	0 0 0 1 0 0 1 1 0 1 1 1 1 0 0 1 1 0 1 1 0 1	18 18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 7 55 95 96 77 65 1.1e+002 1.1e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 69 91 1.1e+002 69 91 1.1e+002 69		CONTAPPROGUE SLEMEQDIE YGGSGLEGGEIR LQPRCLEGELR + Oxidation (M) QEEGLGK MREAPDDLR EDLLERCSSR LTAELSACTDLK TQMREHPDDNYAR LCQVQ/LGMSTADLEV/LLAQCR + Carbanidomethyl (C) DLAGARAANDR SSLREL + Oxidation (M) KAGYTABIR EYFLQHABEK MRDHIYDNUR QSSSDESDBL/NAMBLASNDTK + Oxidation (M) AGYPHYVSGVQGOK REDGREYGA TLGMYVMLLK + 2 Oxidation (M) EILKDNTIPPE KSDGSLATDSTANK MCKQRPLFSGEFVIDMAFGK + 2 Oxidation (M) NGSVSAR GFAYAKYGNGR MMITGTTR SRNQEEIANR KGRADACTFGENK + Carbanidomethyl (C)
873 873 873 873 873 873 873 873 873 873	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3658 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 443.2420 464.7459 400.8825 667.3723 674.3614 1160.0805 350.6910 425.5462 455.7294 608.8067 672.8168	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3768 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 3318.1454 699.3674 1273.6168 909.4442 1215.5988 1343.6190	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1606.7236 2318.1796 1128.5636 7270.76404 1277.6404 1277.6404 1277.6404 128.5636 792.927.4774 1199.6294 1332.7289 1346.7042 2318.1396 1297.4774 129.6294 1332.7289 1346.7042 2318.1396 1399.36412 1215.5956 1343.6140	3.33 -2.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -2.63 -1.32 1.25 -2.20 -0.15 -3.10 0.87 3.067 1.53 -2.81 2.81 2.81 2.83 2.83 2.83 2.83 2.83 2.83 2.83 2.83	0 0 0 1 0 0 1 1 0 1 1 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 1 0 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 1 0 1 0 1 0 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 75 95 1.4e+002 77 75 65 1.1e+002 1.4e+002 1.2e+002		CONTAPMOGLE SLSHIGOLE YGGSGLEGGETE LQFRCLEGGLER + Oxidation (M) QESGLGK MERAPDOLE EDLLERCSSR LTAEISACTDLK TOMERHPOINTAR LCYOVICAMSTADLEVILAÇCR + Carbamidomethyl (C) DLAGARAANDR SSLRML + Oxidation (M) KAGYTABIR EYFLOHADKK MERHPUNDLR QSSDESDPLVLMEMLENDIK + Oxidation (M) AGYPMIVSOVOGOK REDGEFOGA TLOMYVGLUK + 2 Oxidation (M) EILKINNITYFK KSDGLGTFSTAVK MENGREFFGGFVIDMAFGK + 2 Oxidation (M) NGYVEAR GFAYANCKGOR MMITGTTR SRNGEELANR KGFADAGTIGENK + Carbamidomethyl (C) IDDVNOCPCFR
873   1513   1513   1514   1515   1516   1	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 464.7459 400.8825 677.3723 674.3614 1160.0800 350.6910 425.5462 455.7294 608.8067 672.8168 533.8007 608.7724	1095.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 1318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300 1346.7082 2318.1454 699.3674 1273.6168 909.4442 1215.5588 1343.6190 1165.5868	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1263.6380 1263.6380 1263.6380 1263.6380 1263.6380 1287.5400 128.5636 721.3792 1007.5400 1287.6405 1234.0325 1356.7072 927.4774 1396.6294 1332.7289 1346.7042 2318.1439 699.3664 1273.6203 909.4412 21215.5956 1343.6140 1165.5914	3.33 -2.32 -1.35 1.69 0.50 -2.05 0.16 -2.04 0.87 -1.32 1.25 -2.63 -1.32 1.25 -3.10 0.67 3.03 0.67 3.03 0.67 3.03 3.73 3.73 3.73 3.73 3.79 3.79	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 0 1	18 18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 79 95 1.4e+002 59 96 77 65 1.1e+002 1.4e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+003 1.2e+003 1.2e+003 35		CQMIAPMOGLE SLSMIQDLE YGGSGLEGGETE LQPRCLEGGLER + Oxidation (M) QEEGLGK MEPAPDDLE EDLLERCSSR LTABETSACTDLK TOMREHPOINTAR L_YOVILGMSTADLEVILAÇCE + Carbamidomethyl (C) DLAGARAANDE SSLEML + Oxidation (M) KASYTABIR EYFLQHADKK MEDHIYONLE QSSSDESDPLVINEMLSNOTK + Oxidation (M) AGYPHIYSGVGQOK REDGGEFYGA TLGMYVMLK + 2 Oxidation (M) EILKONTIPP KSDGSLGTPSTAVK MCNGPFFSGEFYIDMAFGK + 2 Oxidation (M) NGPVSAR GFATAKYGNGR MMITGITE SRNGGETAMR KGPADACTGGENK + Carbamidomethyl (C) IDPWNVGPFFR
873 873 873 873 873 873 873 873 873 873	597.7903 675.3638 300.6995 535.7731 604.2905 632.8250 804.3695 773.7328 555.2895 361.6987 504.7779 639.8258 634.8292 1163.0250 444.7459 400.8825 667.3723 674.3614 1160.0800 350.6910 425.5462 455.7462 672.8168 673.823 674.8164 675.726 675.726 676.8168 676.9176 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 676.8168 677.8168 676.8168 677.8168 677.8168 677.8168 677.8168 677.8168	1085.5262 1193.5660 1348.7130 799.3766 1069.5316 1206.5664 1263.6364 1263.6374 1606.7250 2318.1766 1128.5644 721.3768 1007.5412 1277.6370 1267.6370 1267.6370 1367.7042 2371.7042 139.6257 1332.7300 1346.7082 2318.1454 699.3674 1273.6168 999.3442 1215.5988 1215.5302	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1263.6380 1263.6380 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6404 1277.6594 1346.7042 2318.1439 699.3664 1277.6203 909.4412 1215.5956	3.33 -2.32 -1.35 1.69 0.50 0.50 0.16 0.87 -1.32 -1.52 -2.63 -1.32 -1.32 -1.32 0.87 -1.33 0.67 1.53 -2.20 0.87 3.34 2.70 3.34 2.70 3.89 3.89	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 0 1 1 0	18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	1.3e+002 2e+002 2e+002 7 55 95 1.4e+002 1.4e+002 1.4e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 35 1.4e+002		CONTAPMOGLE SLSMEQDLE YGGSGLEGGETE LQPRCLEGGLER + Oxidation (M) QESGLGK MEPAPDOLE EDLLERCSSE LTABISACTOLK TQMREHPIONNAR LCYOVICMSTADLEVILAQCE + Carbamidomethyl (C) DLAGARAANDR SSLRML + Oxidation (M) KACHTABIR EYFLQHADEK MERHHYDNLR QSSSDEEDBLVIMERLSNDTK + Oxidation (M) AGVPWINSGVUQDK REDGEFVUGA TLONGVUGLK + 2 Oxidation (M) EILKNNTIPF KSDGSLATPSTAVK MCKOPPLFSGREVIDMAPCK + 2 Oxidation (M) NGPVSAR GFAYAKYGKQR MMITGITE SRNGSEIANR KGPADACTFGENK + Carbamidomethyl (C) IDPVNVGHCER ADGEDVQREEK AGGSATOLPFIR
873 873 873 873 873 873 873 873 873 873	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 331.6967 504.7779 639.8258 634.8292 1163.0220 464.7459 400.8825 677.3723 674.3614 1160.0800 350.6910 425.5462 455.7294 608.8067 672.8168 638.8296 674.3614	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 2374.0721 1199.6257 1332.7300 1346.7062 2318.1454 699.3674 1273.6168 999.4442 1215.5988 1343.6190 1155.5668 1215.5302 1225.6322	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1206.5663 1263.6566 1223.61766 1128.5636 721.3792 1007.5400 1277.6404 1277.6404 1277.6404 1287.6405 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2924.0735 1386.7072 2925.0736 1386.7072 2925.0736 1386.7072 2925.0736 1386.7072 2925.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1285.0736 1386.7072 1286.70	3.33 -2.32 -1.35 1.69 0.50 0.50 0.16 0.79 -1.32 0.79 -0.55 1.25 -2.20 0.79 -1.32 1.25 -2.20 0.87 3.03 0.67 3.03 0.67 3.03 0.67 3.03 0.87 3.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 0	18 18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 79 95 1.4e+002 1.4e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+003 1.2e+003 1.2e+004 1.2e+005 1.2e+007 69 1.4e+007 76		CQMIAPMOGLE SLSHUGDLE YGGSGLEGGETE LQPRCLEGGLER + Oxidation (M) QEEGLGK MRPAPDDLE EDLLERCSSR LTABETSACTDLK TQMREHDDNYAR LCVOVLOMSTADLEVILAÇCR + Carbamidomethyl (C) DLAGARAANDR SSLRML + Oxidation (M) KAGYTABIR EYFLQHADKK MEDHIVONUR QSSSDESDPLVLNEMLSNDTK + Oxidation (M) AGYPHIVSOVGOK REDGEFFUGA TLGMYVGLIK + 2 Oxidation (M) ELIKIDNITYPK KSDGSLGTSTAVK MENGEPFEGGFVIDMAPGK + 2 Oxidation (M) NGVYAR GFAYAKTGNOR MMITGITE SRNQEFLARR KGFADACTGENK + Carbamidomethyl (C) IDDVNVOFCPR ADGEDVQEPEK ARGSATLEPIR ESNANTAVUEPK
873   1513   1513   1513   1515   1516   1	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 555.2895 361.6967 504.7779 639.8228 634.8292 1163.0250 464.7459 400.8825 667.3723 674.3514 1160.0800 350.6910 425.5462 455.7294 608.8067 672.8168 533.8007 608.7724 613.8224 633.8223 643.823 643.823 657.234 668.6910 672.8168 673.823 674.835 675.83	1095.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300 1346.7082 2318.1454 699.3674 1273.6168 909.4442 1273.6168 909.4442 1273.6168 909.4442 1273.6168 909.4442 1273.6168 909.4442 1273.6168 909.4442 1273.6168 909.4442 1273.6168	1208.5794 1095.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1260.7236 2318.1796 128.5636 721.3792 1077.5400 1277.6404 1276.76404 1276.76404 1276.76404 1276.76404 1276.76405 1287.76404 1276.76405 1287.76404 1276.76405 1276.76406 1277.6404 1276.76406 1277.6404 1276.76406 1276.76	3.33 -2.32 1.69 0.50 0.50 0.50 0.79 -2.04 0.87 -1.32 -2.03 -1.32 -2.20 -2.20 -2.20 -2.20 -2.31 0.87 1.53 -2.31 0.67 1.53 3.34 2.73 3.79 -3.89 3.79 -3.89 3.79 -3.89 3.79	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0	18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 2e+002 75 95 96 77 65 1.1e+002 1.1e+002 1.1e+002 1.2e+002		CONTAPMOGLE SLSMEQDLE YGGSGLEGGEIR LQPRCLEGGLER + Oxidation (M) QESGLGK MRPAPDOLR EDLLERCSSR LTABISACTDLK TQMRRHFDONYAR LCQVQ/LGMSTADLEV/LLAQCR + Carbanidomethyl (C) DLAGARAANDR SSLEPL + Oxidation (M) KAGYTABIR EYFLQHADKK MEDHIVONUR QSSSDESDHIVANEMLSNDTK + Oxidation (M) AGYPHIVSOVQOK REDGRPVGA TLGMYVMLLK + 2 Oxidation (M) EILKDNTIPF KSDGSLGTBSTAVK MCNGVPLFSGEFVIDMAFGK + 2 Oxidation (M) NGPVSAR GFAYAKYGNQR MHITGITR SRNGGEIANR KGFARACTGGRM + Carbanidomethyl (C) LDEVENVOPCER AGGSATDLEPIR ESNNSNTAPVEPK LEDTS
873   1513   1513   1515   1516   1	597.7903 675.3638 300.6956 535.7731 604.2905 632.8250 804.3695 632.8250 804.3697 73.7328 555.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 444.7459 400.8825 667.3723 674.3614 1160.0800 350.6910 425.5462 445.7429 68.8067 672.8168 583.8007 608.7724 613.8234 672.8206 365.7216	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3768 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 2374.0721 1199.6257 1332.7300 2318.1454 699.3674 1273.6168 999.4442 1215.5988 1343.6190 1165.5868 1215.5922 1343.6266 729.4286	1208.5794 1085.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1260.7236 2318.1796 1128.5636 720.75404 1277.6203 1363.6307 1279.4272 1242.9275 1243.6317 729.4272	3.33 -2.32 -1.35 1.69 -2.05 0.50 -2.05 0.79 -0.52 -2.20 0.79 -0.52 -2.20 1.25 -2.20 1.25 -3.10 0.87 3.03 0.87 3.03 0.87 3.13 3.28 2.63 2.70 3.34 2.70 3.73 2.70 3.73 2.70 3.73 2.70 3.73 3.73 3.73 3.73 3.73 3.73 3.73 3	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 0 0 0 1 1 1 0	18 18 18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 2e+002 76 95 1.4e+002 1.1e+002 1.2e+002		CONTAPMOGLE SLSHEGOLE YGGSGLEGGETE LQFRCLEGGLER + Oxidation (M) QESGLGK MERAPDOLE EDLLERCSSR LTAEISACTDLK TQMREHPIONYAR LCYGVICHMSTADLEVILAQCR + Carbamidomethyl (C) DLAGARAANDR SSLRML + Oxidation (M) KAOYTABIR EYFLQHADKK MERHYLVINLR QSSSDESDELVLHERLENDTK + Oxidation (M) AGVPHLYSOVQOR REDGEFVGA TLOHYVBLUK + 2 Oxidation (M) EILKENTIPFK KSDGSLATTSTAVK MENGKPLFSGEFVIDMAFGK + 2 Oxidation (M) NGFVSAR GFAYAKYGNGR MMITGTTR SRNGEETANR KGPADACTFGENK + Carbamidomethyl (C) IDPVMVGPCPR ADGEDVGPER AEGSATDLPFIR ESNNNYTAVOFK ILLESTS DQMAATTKTINNIAIR
873   873   873   151	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 464.7459 400.8805 673.723 674.3614 1160.0800 350.6910 425.5462 455.7294 608.8067 672.8168 533.8007 608.7724 613.8234 672.8206 365.7216 687.7216 687.7216 672.4730	1095.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3788 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 927.4772 1199.6257 1332.7300 1346.7082 2318.1454 699.3674 1273.6364 1293.6168 1343.6190 1165.5868 1343.6190 1165.5868 1343.6266 729.4286 729.4286 729.4286 729.4286	1208.5794 1095.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1263.6380 1263.6380 1263.6380 1263.6380 1283.81796 128.5636 721.3792 1007.5400 128.7640 1267.6455 1234.0325 1356.7072 127.7640 1267.6455 1234.0325 1356.7072 127.77474 1296.7474 1297.3620 1399.624 1322.7289 1346.7042 12318.1139 699.3664 1273.6203 1299.4412 1273.6203 1299.4412 1215.5956 1343.6140 1165.5914 1215.5955 1225.6302 1343.6317 729.4272 1742.9275	3.33 1.69 0.50 -2.05 0.50 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -1.32 1.25 -2.20 -0.15 3.03 0.87 3.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 1 0 0 1 1 0 0 0 1 1 0	18 18 18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 79 95 1.4e+002 1.4e+002 1.1e+002 1.2e+002		CONTAPPROGLE SLEMEQUER YGGSGLEGGEIR LQPRCLEGGER LQPRCLEGGER AGREGGE MERAPDOLE EDLLERCSSR LTAEISACTOLK TQMREHPDONTAR LCQVQ/LGMSTADLEVLLAQCR + Carbamidomethyl (C) DLAGARAANDR SSLREL + Oxidation (M) KAGYTAEIR EYFLQHADKK MEDHLYDNLR QSSSDESDDLVLNEHLSNDTK + Oxidation (M) AGYPHYSGVOGOK REDGEFVGA TLGMYVYGLW + 2 Oxidation (M) EILKONTIYEK KSDGSLOTESTAVK MCNGPLFSGEFVIDMAFGK + 2 Oxidation (M) NGSVSAR GFAYAKTGNGR MMITGTTR SRNGELAMR KGPADACTFGENK + Carbamidomethyl (C) IDDVNVGPCPR ADGENVGPFF ESNNSHAVERS AGGSATLLPFIR ESNNSHAVERS AGGSATLLPFIR ESNNSHAVERS LLLFSTS DQNAATTKITNNIAIR DQLIHEGKE IKAVFFGR
873   1513   1513   1515   1516   1	597.7903 675.3638 380.6956 535.7731 604.2905 632.8250 804.3698 773.7328 565.2895 361.6967 504.7779 639.8258 634.8292 1163.0250 464.7459 400.8805 673.723 674.3614 1160.0800 350.6910 425.5462 455.7294 608.8067 672.8168 533.8007 608.7724 613.8234 672.8206 365.7216 687.7216 687.7216 672.4730	1085.5262 1193.5660 1348.7130 759.3766 1069.5316 1206.5664 1263.6354 1606.7250 2318.1766 1128.5644 721.3768 1007.5412 1277.6370 1267.6438 2324.0354 1356.7042 2374.0721 1199.6257 1332.7300 2318.1454 699.3674 1273.6168 999.4442 1215.5988 1343.6190 1165.5868 1215.5922 1343.6266 729.4286	1208.5794 1095.5288 1193.5677 1348.7108 759.3763 1069.5338 1263.6380 1263.6380 1263.6380 1263.6380 1263.6380 1283.81796 128.5636 721.3792 1007.5400 128.7640 1267.6455 1234.0325 1356.7072 127.7640 1267.6455 1234.0325 1356.7072 127.77474 1296.7474 1297.3620 1399.624 1322.7289 1346.7042 12318.1139 699.3664 1273.6203 1299.4412 1273.6203 1299.4412 1215.5956 1343.6140 1165.5914 1215.5955 1225.6302 1343.6317 729.4272 1742.9275	3.33 1.69 0.50 -2.05 0.50 0.16 -2.04 0.87 -1.32 0.79 -0.55 1.28 -1.32 1.25 -2.20 -0.15 3.03 0.87 3.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	0 0 0 1 0 0 1 1 1 1 1 0 0 1 1 1 0 0 1 1 0 0 0 1 1 0	18 18 18 18 18 18 18 18 18 18 18 18 17 17 17 17 17 17 17 17 17 17 17 17 17	69 72 1.3e+002 2e+002 2e+002 76 95 1.4e+002 1.1e+002 1.2e+002		CONTAPPROGUE SLEMEQDER YGGSGLEGGEIR LQPRCLEGGER + Oxidation (M) QESGLEG MREAPDOLR EDLLERCSSR LTAEISACTOLK TQMREHPORNTAR LCQVQ*LGMSTADLEVLLAQCR + Carbanidomethyl (C) DLAGARAANDR SSLREL + Oxidation (M) KAGYTASIR EYFLQHADKK MRDHLVDNLR QSSSDESDBLVINEMLSNDTK + Oxidation (M) AGYPHYTSGVOGOK REDGEFVGA TLGMYVYGLUK + 2 Oxidation (M) EILKDNTIYEK KSDGSLOTESTAVK MKNGKPLFSGEFVIDMAFGK + 2 Oxidation (M) NGSVSAR GFAYAKYGKOR MMITGTTR SKNGELINE KGPADACTFGENK + Carbanidomethyl (C) IDEVENVEPCEP ADGEDVGEEK AEGSATOLEPTR ESNNSHAVEFK LLLPSTS DQNAATTKITNIAIR DQLIHEGKEIKANFGR

¥										
₩.				1376.7486			17	75	1	QMVKANFEAVIK
	_			1901.1098			17	7.9	1	KILTHILVTQSAPDPLR
<b>W</b>	_			1227.6207			17	79	1	IEDIDPQRSR
8				1135.5808				1.1e+002	1	APPPPAVAASCR
<b>W</b>	899	602.3254	1202.6362	1202.6407	-3.73	1	17	1.6e+002	1	RYADLEAPLR
8	1916	788.9273	1575.8400	1575.8369	2.00	1	17	95	1	SSAGLRTTNPPPPPGK
₩.	2142	859.4779	1716.9412	1716.9345	3.93	1	17	66	1	GCPLPPVIPAQLRGDK + Carbamidomethyl (C)
₩	2164	862.9562	1723.8978	1723.8927	2.99	1	17	1.1e+002	1	LTAFCSEQILRTGTK + Carbamidomethyl (C)
<b>W</b>	1891	523.2683	1566.7831	1566.7831	0.00	0	17	1.2e+002	1	LTPFAAEAVYWSGR
8				1306.7133			17	88		LDYOTVLSOIK
₩				1460.7414				1.6e+002	ī	MTVGRPTVOACMR
							17			
<b>2</b>				1647.7457				65		ECSVRPGCSVGVENR + Carbamidomethyl (C)
<b>W</b>				2186.0565			17	1e+002		YEVDMVQSLIEEFVTVNR + Oxidation (M)
8				1256.6547				1.1e+002		AHQKMVTEVAK + Oxidation (M)
<b>W</b>	801	582.7946	1163.5746	1163.5744	0.25	0	17	1.2e+002	1	IDEESLAMLK + Oxidation (M)
₩.	1531	452.2501	1353.7285	1353.7252	2.40	0	17	83	1	LAQGLHLSETTGK
₩.	1565	453.9196	1358.7370	1358.7405	-2.61	1	17	1.3e+002	1	DKNTLLSDLVNK
₩	2552	960.9883	1919.9620	1919.9611	0.50	0	17	1.2e+002	1	TSVVGMVCYRPGWRPR + Carbamidomethyl (C)
w		459.9208	1376.7406	1376.7412	-0.48	0	17	98	1	SATVLGGQITFAGR
8		804.9143	1607.8140	1607.8123	1.07	1	17	1.3e+002	1	IASGSCQTTMNVIKR
V				1348.7238			17	1.4e+002	1	LSLETAAEPPPPK
₩	_	437.6967		873.3763			17	17		ERHCSDK
				1786.9537			17	2e+002		EISAVTAALRSGDLATGR
8										
8				1811.0379			17	30		MKIIVINPILFTHEK + Oxidation (M)
8		467.2375		932.4577	2.99			1.1e+002	1	SRSGAGGWR
8				1163.5791				1.5e+002	1	MLKGCSAEIGR
₩.	131	384.6982	767.3818	767.3788	3.91	0	17	73	1	YMWIR
₩	1445			1330.7027			17	1.3e+002	1	MGGVAQQVASVLR + Oxidation (M)
<b>W</b>	1915	788.9270	1575.8394	1575.8409	-0.92	1	17	1e+002	1	FYSNPKLNLPVER
₩	2126	569.9811	1706.9215	1706.9178	2.17	1	17	66	1	MFSVQAEKLWSILR
w				1062.5822	-0.32	1	17	1.3e+002	1	SWSTIKSVR
<b>*</b>				1821.0036			17	47	1	ALLLFSSLGFAAAENGLK
₩				1046.4992			17	95	ī	EQAVSDAATR
				1038.5346			17	84	1	VAENPVGPEK
8										EEAETPEESEEVOALK
₩.				1816.8214			17	61	1	
8		421.7219					17	71		SLPTDGPR
₩.		466.2296		930.4447			17	46	1	HVGYVIDE
₩				1873.0098	-1.77	1	17	85	1	LSTVYPLPEPFALRDR
<b>W</b>	325	459.7609	917.5072	917.5083	-1.13	1	17	86	1	SPFRNGLK
₩	967	613.8229	1225.6312	1225.6302	0.82	0	17	1.1e+002	1	GLPAAGEDIDLR
₩	2551			1918.0090			17	94	1	ILMMPVAISKECLELR + Carbamidomethyl (C); Oxidation (M)
₩				2153.0423			17	1.1e+002	1	SYKEQLNNIVVMASEDGTR
₩				1255.6091			17	1e+002	1	AMVHAQASATGGR
8				1738.9254			17	90		NTFIDAAGFSGLIKSAK
							17			
8				1151.5539				81 98		QMSMGIARAR + 2 Oxidation (M)
	3358			2432.2257			17			LQGDIVEVTANTNMSPEVFIQK
	1922			1577.7950				1.4e+002		VRPPDNGSFPLDHK
	3584			3483.5936			17	48		ADCATRHDSPDADLVEANLLWWQEMGGNITR
<b>W</b>				1212.5921			17	1e+002		EPKPVCSPSNR
8	1294	650.3535	1298.6924	1298.6942	-1.38	1	17	97	1	TAAARPVADGDKK
₩.	1712	472.2486	1413.7240	1413.7212	1.98	1	17	1.3e+002	1	IIDGLNDEQNKR
₩	1119	419.5427	1255 6063	1255.6084	-1.73	0	17	1e+002	1	YEQVVQEYAK
<b>W</b>	622					0	17	1e+002	1	
8		549.7941		1097.5717	1.79				1	TEGSEIVVHK
₩.			1097.5736				17	71		
		768.7477	1097.5736 2303.2213	2303.2134	3.43	1	17	71 38	1	TEGSEIVVHK ADAAAQEAAARAALAALPAWAPR
	3090	768.7477 1143.6360	1097.5736 2303.2213 2285.2574	2303.2134 2285.2646	3.43 -3.14	1 0	17 17	38	1	TEGSEIVVHK ADAAAQEAAARAALAALPAWAPR IVGTIFGMFVAAVGYIYPVLR
~	3090 1678	768.7477 1143.6360 466.9254	1097.5736 2303.2213 2285.2574 1397.7544	2303.2134 2285.2646 1397.7528	3.43 -3.14 1.15	1 0 1	17 17 17	38 94	1	TEGSEIVVHK ADAAQEAARAALAALPAHAPR IVOTIFGHEVAANGYIIPVLR ATALGPHWLSGRR
	3090 1678 159	768.7477 1143.6360 466.9254 396.6765	1097.5736 2303.2213 2285.2574 1397.7544 791.3384	2303.2134 2285.2646 1397.7528 791.3410	3.43 -3.14 1.15 -3.17	1 0 1 0	17 17 17 17	38 94 36	1	TEGSEIVVHK ADAAQEAARAALAALPAMAFR IVGTIFGMFVAAVGYIYPVLR ATALGPHWLSGRR DSDSNVR
8	3090 1678 159 202	768.7477 1143.6360 466.9254 396.6765 409.2451	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756	2303.2134 2285.2646 1397.7528 791.3410 816.4745	3.43 -3.14 1.15 -3.17 1.38	1 0 1 0	17 17 17 17	38 94 36 34	1 1 1	TEGSETVHK ADAAQEAAANAALAALPAMAPR IVGTIFGMEVAANGYITPULR ATALGFMMLSGRR DSDSNVR ISPPLYK
8. 8.	3090 1678 159 202 1473	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806	3.43 -3.14 1.15 -3.17 1.38 -2.63	1 0 1 0 0	17 17 17 17 17	38 94 36 34 1.3e+002	1 1 1	TEGSEIVVHK ADAAQEAARAALAALPANAPR IVOTIFGHEVAANGYITPULR ATALGPRWLSGRR DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M)
> > > >	3090 1678 159 202 1473 3011	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76	1 0 1 0 0	17 17 17 17 17 17	38 94 36 34 1.3e+002 51	1 1 1 1	TEGSETVHIK ADAAQEAARAALAALPANAPR IVOTITGMEVAANGTITPULR ATALOPHNLSGRR DSDSSVNR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR
8. 8.	3090 1678 159 202 1473 3011	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76	1 0 1 0 0	17 17 17 17 17	38 94 36 34 1.3e+002	1 1 1	TEGSEIVVHK ADAAQEAARAALAALPANAPR IVOTIFGHEVAANGYITPULR ATALGPRWLSGRR DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M)
> > > >	3090 1678 159 202 1473 3011 1040	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83	1 0 1 0 0 0	17 17 17 17 17 17	38 94 36 34 1.3e+002 51	1 1 1 1	TEGSETVHIK ADAAQEAARAALAALPANAPR IVOTITEMEVAAVGYITPULR ATALEPHNLSGR DSDSNYR ISPELYK ESALAFSYMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLYQR VSTYKEBALR
	3090 1678 159 202 1473 3011 1040 1162	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83	1 0 1 0 0 0 1	17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002	1 1 1 1 1	TEGSETVHK ADAAQGEAAAAAALAALPAWAPR IVGTIFGMEVAANGYITPULR ATALGPWH.SGRR DSDSNVR ISPPLYK ESALAFSVYHUR + Oxidation (M) QQILQVIANSPGRRELYTR AVNNAQGLYQR
	3090 1678 159 202 1473 3011 1040 1162 2878	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91	1 0 1 0 0 0 1 0	17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002	1 1 1 1 1	TEGSETVHIK ADAAQEAARAALAALPANAPR IVOTITEMEVAAVGYITPULR ATALEPHNLSGR DSDSNYR ISPELYK ESALAFSYMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLYQR VSTYKEBALR
X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30	1 0 1 0 0 0 0 1 0	17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002	1 1 1 1 1 1 1 1	TEGSETVHK ADAAQBAARAALALPANAPR IVOTIFGMEVAAVGYITPULR ATALGPHNLSGRR DSDBNVR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLVQR VSTYKEDSALR GHNSNVTPSNNISNIGKMFR + Oxidation (M)
X X X X X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19	1 0 1 0 0 0 1 0 1 1 0	17 17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 69	1 1 1 1 1 1 1 1	TEGSETVHK ADAAQEAARAALAALPANAPR IVOTITEMEVANGYITPULR ATALOPHKLSGRR DSDSNVR ISPELYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPORARELYTR AVNNAQGIVQR VSTYKEDSALR GRNSNVFENNISNIGKMPR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVARR
X X X X X X X X X X X X X X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270	1097.5736 2203.2213 2285.2574 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64	1 0 1 0 0 0 1 0 1 1 0	17 17 17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 69 1.4e+002	1 1 1 1 1 1 1 1 1	TEGSETVHK ADAAQGEAARAALALPANAPR IVGTIFGMEVAANGYITPULR ATALGFMMLSGRR DSDSNVR ISPPLYK ESALAFSVYMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVANDAQGLYQR VSTYKEDSALR GHNSNVYESNNISNIGKMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVARR LVVRIALENGEDMYVQVLR
X X X X X X X X X X X X X X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2002.0514 1101.5222 1387.6926 2247.2394 1581.7966	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 1247.2335 1581.7999	3,43 -3,14 1,15 -3,17 1,38 -2,63 2,76 2,83 -0,60 -3,91 -1,30 -1,19 2,64 -2,07	1 0 1 0 0 0 1 0 1 1 0 0	17 17 17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 33 1e+002	1 1 1 1 1 1 1 1 1 1	TEGSETVHEK ADAAAQEAARAAAAAAAPR IVOTITEMEVAAVGYITPULR ATALOPHMLSGRR DSDSWVR ISPPLYK ESALAFSVYMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLYQR VSTYKEDSALR GRNSWVFSNNISNIGNMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVAER LVXIALEHSGEDWVTVQVIR LQAGADVANGVDPAVIEK
X X X X X X X X X X X X X X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942	768.7477 1143.6360 466.9254 499.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398	3,43 -3,14 1,15 -3,17 1,38 -2,63 2,76 2,83 -0,60 -3,91 -1,30 -1,19 2,64 -2,07 0,83	1 0 1 0 0 0 1 0 1 0 0 1 0	17 17 17 17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 69 1.4e+002 33 1e+002 78	1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAAAAALANAPR IVOTITEGMEVAAVGYITPULR ATALGPHMLSGRR DSDSNVR ISPPLYK ESALAFEVIMLR + Oxidation (M) QQILQUTANSPGARTELYTR AVNNAQGIVQR VSTYKEDSALR GHNSNVTPSNNISNIGKMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHGGENVTVQVLR GAGADVARAVDRAVIEK KFEGGH
	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06	1 0 0 0 0 0 1 0 0 1 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 33 1e+002 78 1.3e+002	1 1 1 1 1 1 1 1 1 1 1	TEGSETVHK ADAAQGEAARAAAAAAPAPR IVGTIFGREVAAVGYTTPVLR ATALGFRKLSGR DSDSNVR ISPPLYK ESALAFSVYMLR + Oxidation (M) OQILOVIANSPGARTELYTR AVNNAQGLYQR VSTYKEDSALR GHNSNVYFSNNISNIGMFR + Oxidation (M) QCDFNSLLR + Carbamidomethyl (C) GLSDETLQAVAER LVNRIALEHSGEDNVTQVLR GAGADVANAGVPAVTEK KFEGGGH CKTVILCIGHR + Carbamidomethyl (C)
	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 2344	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05	1 0 0 0 0 0 1 0 0 1 0 0 1 0 0	17 17 17 17 17 17 17 17 17 17 17 17 17	38 94 36 34 1.3e+002 51 1.7e+002 69 1.1e+002 33 1e+002 78 1.3e+002 27	1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAALAALPANAPR IVOTITEMEVANGYITPULR ATALGPRHAGGR DSDSNVR ISPELYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPORARELYTR AVNNAQGIVQR VSTYKEDSALR GHNSNVTFSNNISNIGNDFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVAER LVRIALEHSGEBNVTVQVLR GAGADVAGAVDFAVLEK KFEOGGH GKTVILCIGHR + Carbamidomethyl (C) TDKNVSSVQVVLLELR
X X X X X X X X X X X X X X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 2344 1884	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 654.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 523.2681	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117 1586.7825	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 110.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0099 1566.7790	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.19	1 0 0 0 0 0 1 0 0 1 0 0 1 1 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 69 1.4e+002 78 1.3e+002 27 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHEK ADAAAQBAARAAAAAAPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHMLSGRR DSDSNVR ISPFLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLVQR VSTYKEDSALR GHNSNVTPSNNISNIGMMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDFILDAVARR LVRIALEHSGEDNVTVQVLR GAGADVANGVDPAVIEK KFEGGGH CKTVILCTGRR + Carbamidomethyl (C) TDKGVSSVGQVIALFLR SVPREFYSGLAEGR
	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 2344 1884 2562	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 523.2681 484.2704	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117 1566.7825	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.05 2.19 1.88	1 0 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 1 1 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 33 1e+002 78 1.3e+002 27 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAAAAAARP IVGTITGMEVAANGTITPULR ATALOPHMLSGRR DSDSSWR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIAMSFGRATELYTR AVNNAQGLYQR VSTYKESSALR GRNSNVTFSSNLSNIGNGMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVARR LVMIALENGSGENVTVQVLR GAGADVARGVVPAVLEK KFSGGH CKTVILCIGHR + Carbamidomethyl (C) TDKGVSSVGQVIALFLR SVPREFISGLABGR SNYLLIGSGGSNNQALK + Oxidation (M)
X X X X X X X X X X X X X X X X X X X	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 2344 1884 2562	768.7477 1143.6360 466.9224 396.6765 409.2451 670.8458 753.4153 617.3221 755.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 523.2681 484.2704 663.0529	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1247.6400 2002.0514 1101.522 1387.6956 730.3404 1298.6950 7499.0117 1566.7825 1993.0521	2303.2134 2295.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1232.6262 1207.6040 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489 1936.1302	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.18 3.36	1 0 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 69 1.4e+002 78 1.3e+002 27 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHEK ADAAAQBAARAAAAAAPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHMLSGRR DSDSNVR ISPFLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLVQR VSTYKEDSALR GHNSNVTPSNNISNIGMMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDFILDAVARR LVRIALEHSGEDNVTVQVLR GAGADVANGVDPAVIEK KFEGGGH CKTVILCTGRR + Carbamidomethyl (C) TDKGVSSVGQVIALFLR SVPREFYSGLAEGR
	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 2344 1884 2562	768.7477 1143.6360 466.9224 396.6765 409.2451 670.8458 753.4153 617.3221 755.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 523.2681 484.2704 663.0529	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1247.6400 2002.0514 1101.522 1387.6956 730.3404 1298.6950 7499.0117 1566.7825 1993.0521	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.18 3.36	1 0 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 93 1.1e+002 33 1e+002 78 1.3e+002 27 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAAAAAARP IVGTITGMEVAANGTITPULR ATALOPHMLSGRR DSDSSWR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIAMSFGRATELYTR AVNNAQGLYQR VSTYKESSALR GRNSNVTFSSNLSNIGNGMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVARR LVMIALENGSGENVTVQVLR GAGADVARGVVPAVLEK KFSGGH CKTVILCIGHR + Carbamidomethyl (C) TDKGVSSVGQVIALFLR SVPREFISGLABGR SNYLLIGSGGSNNQALK + Oxidation (M)
	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 1884 2562 2592	768,7477 1143,6360 466,9234 396,6765 409,2451 670,8458 753,4153 617,3221 634,8273 735,0244 634,8273 735,0244 634,8273 526,7678 527,278 528,2728 528,2728 539,3445 537,3445 531,2681 484,2704 663,0529 526,7678	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 7730.3404 1298.6950 1789.0117 1566.7825 1933.0525 1933.0525 1936.1369 1051.5210	2303.2134 2295.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1232.6262 1207.6040 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489 1936.1302	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.19 1.88 -0.10	1 0 1 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 93 1.1e+002 93 1.e+002 78 1.3e+002 27 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAALAALPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHMLSGER DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNRAQGLYQR VSTYKESALR GHNSNVTPSNNISNIGKMFR + Oxidation (M) QCDPHSLLR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHSGENVTVQVLR GAGADVHAGVDPAVIEK KPEGGGH CKTVILCTGHR + Carbamidomethyl (C) TDKNSSVSGQVIALFLR SVPREFYSGLAECR SMVILISGRGSNNQALLK + Oxidation (M) TAPLALITSVLAALGANYR
	3090 1678 159 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 2344 1884 2562 2592 515 890	768.7477 1143.6360 466.9234 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 533.2681 484.2704 663.0529 526.7678	1097.5736 2303.2213 2295.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 202.0514 101.5222 1387.6226 2451.2344 1581.7966 730.3404 1298.0517 1799.0117 1566.7825 1993.0525 1986.1369 1051.5210 1200.5394	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1227.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6991 1789.0098 1566.7790 1933.0489 1933.0489 1933.0489 1933.0439	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.130 -1.19 2.64 -2.07 0.83 -0.05 2.19 1.88 3.36 -2.14 1.12	1 0 1 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 0 1 1 1 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 366 34 1.3e+002 51 1.7e+002 93 1.1e+002 78 1.3e+002 27 1.3e+002 64 4 21 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVUIK ADAAQEAARAALALPANAPR IVOTITEGMEVAAVGYITPULR ATALOPHNLSGRR DSDSMYR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLYQR VSTYKEDSALR GHNSNVTFSNNISNIGMMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDSTLQAVAER LVRIALEHSGEDNVTVQVLR GAGADVANGVDPAVIEK KFEOGGH CKTVILICHER + Carbamidomethyl (C) TDKGVSSVQQVIALFLR SVPREFYSGLAERR SMVILISGRGSNNQALLK + Oxidation (M) TAPLALITSVLAALGANYR QQPGCPELR + Carbamidomethyl (C)
	3090 1678 1592 202 1473 3011 1040 1162 2878 630 1647 2996 1942 62 1341 1884 2562 2592 515 890 1443	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 523.2681 484.2704 663.0529 526.7678 601.3040 666.3468	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 22257.2241 1222.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117 1566.7825 1933.0525 1996.1369 1051.5210 1051.5210	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1222.6622 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098 1566.7790 1933.0489 1996.1302 1051.5233 1200.5921 1330.6809	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.130 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.19 1.88 3.36 -2.14 1.12 1.12	1 0 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 69 1.4e+002 78 1.3e+002 72 1.2e+002 64 2.1e+002 1.3e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHK ADAAAQEAAARAALAALPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHNLSGRR DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGIVQR VSTYKEDSALR GHNSNVTPSNNISNIGKMFR + Oxidation (M) QCDFNSLLR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHSGENNVTVQVLR GAGAUVANGVDRAVIEK KFEOGGH CKTVILCTGRR + Carbamidomethyl (C) TDKKVSSVQQVIALER SVPREFYSGLAEGR SMYLLISGRGSNNQALLK + Oxidation (M) TAPLALITYSVAALGAMYR QQPQCPER + Carbamidomethyl (C) ISSCHIDINF + Carbamidomethyl (C) ISSCHIDINF + Carbamidomethyl (C) ISSCHIDINF + Carbamidomethyl (C) ISSCHIDIR + Carbamidomethyl (C) ISSCHIDIR + Carbamidomethyl (C) ISSCHIDIR + Carbamidomethyl (C) NEEMIVLGGLEK
	3090 1678 159 202 207 3011 1040 1162 2878 630 1647 2996 1942 62 1341 1884 2562 2592 515 890 1443 2258	768.7477 1143.6360 466.9224 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 654.8356 1124.6270 528.2728 366.1775 650.3578 523.2681 694.2704 663.0529 526.7678 601.3040 666.3486 881.4386	1097.5736 2303.2213 2295.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1238.6950 1789.0117 1566.7825 1986.1369 1051.5210 1200.5934 1330.6626	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2020.0600 1101.5237 1367.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098 1566.7790 1933.0469 1966.1302 1051.5233 1200.5921 1330.6802	3.43 -3.14 1.15 -3.17 1.38 -2.66 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.05 2.19 1.88 3.36 -2.14 1.12 1.82 0.80	1 0 1 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 34 1.3e+002 31 1.7e+002 31 31 1.4e+002 78 1.3e+002 78 1.3e+002 21 1.2e+002 1.2e+002 9.99	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAAAAAAAPR IVGTITGMEVAAWGTITPULR ATALOPHMLSGRR DSDSSVWR ISPPLYK ESALAFSVITHLR + Oxidation (M) QQILQVIAMSFGARTELYTR AVNNAQGLYQR VSTYTEGSALR GHNSNVTFSNNISNIGMEMFR + Oxidation (M) QQPNSLLR + Carbamidomethyl (C) GLSDETLQAVARR LVRIALEHSGEDNVTVQVLR GAGADVAGVOPAVLEK KFSGGH CKTVHLCHGHR + Carbamidomethyl (C) TDKGVSSVGQVIALFLR SVPREFYSGLABGR SMYLLISSGGSNNQALK + Oxidation (M) TAPLAILTSVLAALGAMYR QQPGCPELR + Carbamidomethyl (C) LSSGHTIDIR + Carbamidomethyl (C) LSSGHTIDIR + Carbamidomethyl (C) LSSGHTIDIR + Carbamidomethyl (C) NEEMIVLGGLEK
	3090 1678 1599 202 202 21473 3011 1040 1162 2878 630 1647 2996 62 1341 2344 1884 2552 2552 515 890 1443 301 1447 1	768,7477 1143,6360 466,9234 396,6765 409,2451 670,8458 753,4153 617,3221 634,8273 735,0244 551,7684 694,8536 1124,6270 528,2728 366,1775 650,3548 597,3445 597,3445 601,3040 666,3486 881,4734	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1247.6400 2002.0514 1101.522 1387.6956 730.3404 1298.6950 730.3404 1298.6950 730.3525 1933.0525 1993.0525 1993.0525 1905.5230 1205.5230 1205.5230 1205.5230 1205.5230	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6626 1267.6408 2202.0600 1101.5227 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489 1986.1302 1051.5233 1200.5921 1330.6802 1760.9308 2302.1475	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.19 1.88 3.36 -2.19 1.88 3.36 -2.19 1.82 0.80 3.47	1 0 1 0 0 0 1 0 0 1 1 0 0 1 1 1 1 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 69 1.4e+002 78 1.2e+002 64 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAALAALPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHM.GGRR DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNRAQGLYQR VSTYKESSALR GHNSNVTPSNNISNIGMUFR + Oxidation (M) QCDPHSLLR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHSGENVTVQVLR GAGADVHAGVUPAVLEK KPEGGGH CKTVILCTGHR + Carbamidomethyl (C) TDKNVSSVGQVIALER SVPREFYSGLAECR SMYILISGRGSNNQALLK + Oxidation (M) TAPLALITSVLAALGANYR QQRQCPELR + Carbamidomethyl (C) ISSGHTDHR + Carbamidomethyl (C) ISSGHTDHR + Carbamidomethyl (C) ISSGHTDHR + Carbamidomethyl (C) NEEMIVLOGLEK MLPERQGGUVLEDAK MSDPVAADVETSNNVARVELK + Oxidation (M)
	3090 1678 1599 2022 1473 3011 1040 1162 2878 630 1647 62 1341 1884 2562 2592 515 890 1443 22588 301 1443 1443 1444	768,7477 1143,6360 466,9254 396,6765 409,2451 670,8458 753,4153 617,3221 634,8273 735,0244 634,8536 1124,6270 528,2728 336,1775 650,3548 597,3445 597,3445 597,3445 597,3445 630,0529 526,7678 601,3040 663,0529 526,7678 601,3040 668,14734 1152,0850	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1367.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117 1566.7825 1933.0525 1936.1369 1051.5210 1200.5934 1330.6826 1760.9322 2302.1554	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3388 1298.6951 1799.0098 1566.7790 1933.0489 1996.1302 1051.5233 1200.5921 1330.6802 1769.9328 2302.1475	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.19 1.88 3.36 -2.14 1.182 0.80 -2.14 -1.7 -0.32	1 0 1 0 0 0 1 0 0 1 1 0 0 1 1 1 1 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 51 1.7e+002 91.4e+002 78 1.3e+002 27 1.2e+002 64 21 1.3e+002 1.1e+002 1.2e+002 1.2e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAAARAALAALPANAPR IVOTITEOMEVAAVGYITPULR ATALOPHNLSGER DSDSWYR ISPPLYK ESALAFSVYMER + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLYQR VSTYKEDSALR GENSWYPFSNNISNIGNEMFR + Oxidation (M) QCDPENSLER + Carbamidomethyl (C) GLSDETLQAVAER LVAILALENGSGENVIVQVIR GAGADVANGVOPAVIEK KFEGGH CKTVHLOIGHR + Carbamidomethyl (C) TDKGVSSVQQVILLELER SVPREFFSGLAEGR SWYLLIGGER + Carbamidomethyl (C) TSGCHTDUR + Carbamidomethyl (C) ISSCHTDUR + Carbamidomethyl (C) ISSCHTDUR + Carbamidomethyl (C) ISSCHTDUR + Carbamidomethyl (C) ISSCHTDUR + Carbamidomethyl (C) MERHYLGGLER NLFEKQGQLVLEDAK MSPDVADLWETSNNVARVELK + Oxidation (M) GSMITSNIVALVETY + Oxidation (M) GSMITSNIVALVETY + Oxidation (M) GSMITSNIVALVETY + Oxidation (M)
	3090 1678 1599 202 21473 3011 1040 1162 2878 630 16477 2996 62 1341 1344 2562 2592 2592 2592 3144 2258 3144 2106 2106 2107 21	768.7477 1143.6360 466.9234 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 522.2681 484.2704 663.0529 526.7678 601.3040 666.3486 881.4734 1152.0850 886.4734	1097.5736 2303.2213 2295.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2022.0514 101.5222 1387.6926 730.3404 1298.0950 1789.0117 1566.7825 1986.1369 1051.5210 1200.5934 1300.6826 1700.9322 1370.9322 1370.9322	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2267.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489 1996.1302 1001.5233 1200.5921 1300.6802 1760.9308 2302.1475 1690.9328	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.30 -1.19 2.64 -2.07 0.83 -0.06 1.05 2.19 1.88 3.36 -2.14 1.12 1.82 0.80 3.47 -0.32 0.44	1 0 1 0 0 0 1 1 0 0 1 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 93 1.1e+002 6 91 1.4e+002 78 1.3e+002 27 1.2e+002 1.1e+002 1.1e+002 1.2e+002 1.2e+002 54	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAARAAALAALPANAPR IVOTITEMEVANGYITPULR ATALGPHNLSGER DSDSNVR ISPELYK ESALAFSVIMLR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLVQR VSTYKESSALR GHNSNVTESNNISNIGNGMPR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVAER LVRIALEHSGENVTVQVLR GAGADVANGVOPAVIEK KFEGGGH CKTVILCIGHR + Carbamidomethyl (C) TDKKYSSVQVVLALER SVPREFYSGLABGR SMYLISGGSNNGMALK + Oxidation (M) TAPLAILTSVLAALGANYR QQRGCPELR + Carbamidomethyl (C) ISSGHTIDTR + Carbamidomethyl (C) ISSGHTIDTR + Carbamidomethyl (C) NEEMIVLGGLEK KLPERGGLVLEDAK MSPDVADLVETSNNVARVELK + Oxidation (M) GSWIISHIVKKVITQ + Oxidation (M) FEMRGSGLVLEDAK MSPDVADLVETSNNVARVELK + Oxidation (M) GSWIISHIVKKVITQ + Oxidation (M) FEMRGSATER
	3090 1678 1599 202 1473 3011 1040 1162 2878 630 1942 2996 1942 2344 1884 2562 2592 515 890 1443 344 244 244 2562 247 2996 200 200 200 200 200 200 200 20	768.7477 1143.6360 466.9254 336.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 651.7684 651.7684 651.7684 651.7564 651.7684 663.0529 526.7678 661.3040 663.0529 526.7678 661.3040 663.46881 1152.0850 886.4734	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6926 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934 1207.6934	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1222.6262 2020.20600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098 1566.7790 1933.0489 1996.1302 1051.5233 1200.5921 1330.6802 1769.9308 2302.1475 1690.9328 1170.5451 2212.0645	3.43 -3.14 1.15 -3.17 1.38 2.76 2.83 2.76 2.83 -0.60 -3.91 -1.30 2.64 -2.07 0.83 -0.06 1.05 2.19 1.88 3.36 -2.14 1.12 1.82 0.83 3.47 -0.32 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.34	1 0 1 0 0 0 1 1 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 37 1.3e+002 93 1.1e+002 69 1.4e+002 33 1e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVUIK  ADAAAQEAARAAALAALPANAPR IVOTITEMEVAAVGYITPULR  ATALEPHMLSGER DSDSNYR ISPELYK ESALAFSYMMIR + Oxidation (M) QQILQVIANSPGARTELYTR AVNNAQGLYQR VSTYEDSALR GHNSNVTFSNNISNIGMMFR + Oxidation (M) QCDPNSLIR + Carbamidomethyl (C) GLSDSTLQAVAER LVRIALERSGENVYQVLR GAGACVARAVDPAVIEK KFSCGGH CKTVHLIGHER + Carbamidomethyl (C) TDKSVSSVQQVLALFLER SVPREFYSGLAERE SMYLLISGRGSNMQALLK + Oxidation (M) TAPLALITISALAGANWIR QQPGCPERR + Carbamidomethyl (C) ISSCHIDLR + Carbamidomethyl (C) ISSCHIDLR + Carbamidomethyl (C) NEEMILGGLER MLSPERGSGLVLEDAK MSDPDADLVETSNNABVELK + Oxidation (M) GSWIISHTVKLVITQ + Oxidation (M) GSWIISHTVKLVITQ + Oxidation (M) FEMESATSR SYDBLLSSYDSILKENHK
	3090 1678 1592 202 1473 3011 1040 1162 2878 630 1647 2996 1942 2344 1884 2562 2592 2592 2458 890 1443 3144 2166 817 2889 1014	768.7477 1143.6360 466.9224 396.6765 409.2451 670.8458 733.4153 617.3221 634.8273 735.0244 551.7684 654.8536 1124.6270 528.2728 366.1775 500.3548 597.3445 597.3445 592.2661 484.2704 663.0529 526.7678 601.3940 666.3486 881.4734 1152.0850 886.4734 596.2801 1107.0430	1097.5736 2303.2213 2295.2574 1397.7544 791.3384 816.4756 339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117 1566.7825 1986.1369 1051.5210 1200.5934 1330.6826 1760.9322 2302.1554 1690.9322 2302.1554 1690.9322 2170.5456 2212.0714	2303.2134 2285.2646 791.3410 816.4745 1339.6806 2257.2179 1232.6262 1267.6408 2202.0600 1101.5237 1387.6943 1298.2335 1298.6951 1799.0098 1566.7790 1933.0489 1996.1302 1051.5233 1200.5521 1300.5921 1300.6802 1760.9308 2302.1475 1690.9328 1170.5451 2212.0647 1225.6276	3.43 -3.14 1.15 -3.17 1.38 2.76 2.83 3.91 -1.30 -0.60 -3.91 -1.30 -0.06 1.19 2.64 1.82 0.80 -2.14 1.12 0.80 -3.36 -2.14 1.12 0.80 -3.36 -2.14 1.12 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.8	1 0 0 0 0 0 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 34 1.3e+002 93 1.1e+002 78 1.4e+002 78 1.3e+002 27 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.1e+002 1.2e+002 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGSETVHIK ADAAAQEAAARAALAALPANAPR IVOTITEGMEVAAVGYITPULR ATALOPHNLSGER DSDSSVR ISPPLYK ESALAFSVITHLR + Oxidation (M) QQILQVIANSFGARTELYTR AVNNAQGLYQR VSTYMEDSALR GHNSNVTFSNNISNIGMEMFR + Oxidation (M) QQPHNSLLR + Carbamidomethyl (C) GLSDETLQAVAER LVAIALEHSGEDNVTVQVLR GAGADVAGVOPPAVIEK KFSGGH CKTVILCHGHR + Carbamidomethyl (C) TDKGVSSVIGVIALFLR SVPREFYSGLAEGR SMYLLISSGGSNNQALK + Oxidation (M) TAPLAILTSVLAALGANYR QDPGCPER + Carbamidomethyl (C) ISSCHIDIR + Carbamidomethyl (C) NEEMTVLGGLEK MLFERGSGLVLEDAK MSPDVADLVETSNNVARVELK + Oxidation (M) GSMIISHTMINTKLVTQ + Oxidation (M) SSMIISHTMINTKLVTQ + Oxidation (M) SSMIISHTMINTKLVTQ + Oxidation (M) FEMRSASTSR SSYDSLLSYNDSLLKENHK ROSSAAVGGGGGR SVTDSLLSYNDSLLKENHK ROSSAAVGGGGGR SSTDSLLSYNDSLLKENHK ROSSAAVGGGGGR
	3090 1678 159 202 1473 3011 1040 1162 2978 630 62 1341 2344 1884 1884 2552 2592 2592 2592 2592 2592 2592 2592 2592 200 200 200 200 200 200 200 2	766.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 597.3445 1152.0850 866.4734 586.2801 1107.0430 613.8235	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1339.6770 22257.2241 1232.6296 1267.6400 2020.0514 1101.522 1387.6950 1298.6950 1789.0117 1566.7825 1986.1369 1051.5210 1050.5394 1390.6826 1760.9322 2302.1554 1690.9322 1770.9326 1770.932	2303.2.134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1232.6622 1267.6408 2202.0600 1101.5227 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1799.0098 1566.7790 1933.0489 1986.1302 1051.5233 1200.5921 1330.6802 1760.9308 2302.1475 1690.9308 2102.6526 1770.542	3,43 -3.14 1.15 -3.17 1.38 -2.63 2.76 -3.97 -1.30 -1.19 -1.30 -1.19 -1.30 -1.19 -1.30 -1.19 -1.30 -1.10 -1.30 -1.10 -1.30 -1.10 -1.30 -1.10 -1.3	1 0 0 0 0 0 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 37 1.3e+002 93 1.1e+002 97 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002		TEGSETVUKK ADAAAQEAARAAALAALPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHNLSGER DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M) QOILQVIANSPGARTELYTR AVNNAQGIVGR VSTYKESSALR GHNSNVTPSNNISNIGMUFR + Oxidation (M) QCDPHSLIR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHSGENVTVQVLR GAGADVHAGVUPAVLEK KPSGGGH CKTVILCTGHR + Carbamidomethyl (C) TDKNVSSVGQVIALFLR SVPREFYSGLAECR SMYILISGRGSNNQALLK + Oxidation (M) TAPLALITSVLAALGANYR QORGCPER + Carbamidomethyl (C) ISSGHTIDHR + Carbamidomethyl (C) ISSGHTIDHR + Carbamidomethyl (C) ISSGHTIDHR + Carbamidomethyl (C) SSGHTIDHR + Carbamidomethyl (C) SSGHTISHIVKLVEDAK MSDPVADLVETSNNVARVELK + Oxidation (M) GSWITSHIVKLVITQ + Oxidation (M) FERREASTER SSYDSLLSNYDSILKENHK RGSSAAVGSGGER IGITPRONAMEAGITSGGEK + Oxidation (M)
	3090 1678 202 1473 3011 1162 2878 630 1647 2996 62 1341 1884 2562 2592 595 595 890 1443 2144 2264 2269 227 227 227 227 227 227 227 227 227 22	768,7477 1143,6360 466,9254 396,6765 409,2451 670,8458 793,4153 617,3221 634,8273 735,0244 634,8536 1174,627 528,2728 366,1775 503,3548 597,3445 593,3445 593,3445 593,3445 593,3445 593,3445 593,2681 484,2704 663,0529 526,7678 601,3040 668,14734 1152,0850 846,4734 1152,0850 846,4734 1152,0850	1097.5736 2303.2213 2205.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1291.303.404 1291	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2297.2179 1232.6262 1207.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.1338 1298.6951 1799.0098 1566.7790 1933.0489 1986.1302 1051.5233 1200.5921 1330.6802 1769.9308 2302.1475 1659.9328 1179.5451 1212.0467 1212.6476 1212.6476 1212.6476 1212.6476 1213.674	3.43 -3.14 1.15 -3.17 1.26 2.63 2.63 2.76 3.91 -2.07 0.83 -0.06 1.19 2.64 2.19 1.82 0.80 -2.19 1.82 0.83 -2.11 1.82 0.83 3.94 -2.14 0.83 3.94 -2.15 0.83 0.83 0.83 0.83 0.83 0.83 0.83 0.83	1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 1.3e+002 1.7e+002 33 1-1002 78 1.3e+002 27 1.2e+002 1.1e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002		TEGSETVHIK ADAAAQEAAARAALAALPANAPR IVOTITEOMEVAAVGYITPULR ATALOPPHASGER DSDSWYR ISPPLYK ESALAFSYMMLR + Oxidation (M) QQILQVLANSFGARTELYTR AVANAQGLYQR VSTYKESSALR GRNSNVTFSNNISNIGNEMFR + Oxidation (M) QCDPNSLUR + Carbamidomethyl (C) GLSDETLQAVAER LVMIALENGSERDNVTQVIR GAGADVAGVOPAVIEK KFEOGGH CKTVILLICHER + Carbamidomethyl (C) TDKGVSSVQQVILLELR SVPREFYSGLABGR SMYLLISGRGSNNQALK + Oxidation (M) TAPLALLTSVLAALGANYR QQPGCPPLR + Carbamidomethyl (C) ISSCHTDIR + Carbamidomethyl (C) ISSCHTDIR + Carbamidomethyl (C) ISSCHTDIR + Carbamidomethyl (C) SEMILVLOGILER MLPERQSQLVLEDAK MSPDVADLVETSNNVARVELK + Oxidation (M) GSMIISHIVKLVTTQ + Oxidation (M) FEMESASTER SSYDBLISNYDSILRENHK ROGSAAVGGGGGPR IGGITWRVAMERGLIKSGGEK + Oxidation (M) YLASMOVAELR
	3090 1678 159 202 1473 3011 1040 1162 2978 630 62 1341 2344 1884 1884 2552 2592 2592 2592 2592 2592 2592 2592 2592 200 200 200 200 200 200 200 2	768.7477 1143.6360 466.9254 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 654.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 523.2681 484.2704 663.0529 526.7678 601.3040 666.3486 8846.4734 586.2801 1107.0430 613.8235 717.0279 575.8148	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1225.6296 1222.6296 1232.6296	2303.2134 2285.2646 791.3410 816.4745 1339.6806 2257.2179 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098 1566.7790 1933.0469 1996.1302 1051.5233 1200.5921 1300.6802 1760.9308 2302.1475 1690.9328 1170.5481 2170.5481	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.19 0.83 -1.05 2.19 1.88 3.36 4.11 1.82 1.82 2.14 4.2.14 4.3 3.37 6.80 6.80 6.80 6.80 6.80 6.80 6.80 6.80	1 0 0 0 0 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 1.3e+002 93 1.1e+002 33 1.e+002 78 1.3e+002 1.2e+002		TEGSETVUKK ADAAAQEAARAAALAALPANAPR IVOTITEGMEVAAVGYITPULR ATALGPHNLSGER DSDSNVR ISPPLYK ESALAFSVIMLR + Oxidation (M) QOILQVIANSPGARTELYTR AVNNAQGIVGR VSTYKESSALR GHNSNVTPSNNISNIGMUFR + Oxidation (M) QCDPHSLIR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHSGENVTVQVLR GAGADVHAGVUPAVLEK KPSGGGH CKTVILCTGHR + Carbamidomethyl (C) TDKNVSSVGQVIALFLR SVPREFYSGLAECR SMYILISGRGSNNQALLK + Oxidation (M) TAPLALITSVLAALGANYR QORGCPER + Carbamidomethyl (C) ISSGHTIDHR + Carbamidomethyl (C) ISSGHTIDHR + Carbamidomethyl (C) ISSGHTIDHR + Carbamidomethyl (C) SSGHTIDHR + Carbamidomethyl (C) SSGHTISHIVKLVEDAK MSDPVADLVETSNNVARVELK + Oxidation (M) GSWITSHIVKLVITQ + Oxidation (M) FERREASTER SSYDSLLSNYDSILKENHK RGSSAAVGSGGER IGITPRONAMEAGITSGGEK + Oxidation (M)
	3090 1678 202 1473 3011 1162 2878 630 1647 2996 62 1341 1884 2562 2592 595 595 890 1443 2144 2264 2269 227 227 227 227 227 227 227 227 227 22	766.7477 1143.6360 466.9234 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 522.2681 484.2704 663.0529 526.7678 601.3040 666.3486 881.4734 1152.0850 886.4734 1852.8810 1107.0430 613.8225 717.0279 575.8148	1097.5736 2303.2213 2285.2574 1397.7544 791.3384 816.4756 1225.6296 1222.6296 1232.6296	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2297.2179 1232.6262 1207.6408 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.1338 1298.6951 1799.0098 1566.7790 1933.0489 1986.1302 1051.5233 1200.5921 1330.6802 1769.9308 2302.1475 1659.9328 1179.5451 1212.0467 1212.6476 1212.6476 1212.6476 1212.6476 1213.674	3.43 -3.14 1.15 -3.17 1.38 -2.63 2.76 2.83 -0.60 -3.91 -1.19 0.83 -1.05 2.19 1.88 3.36 4.11 1.82 1.82 2.14 4.2.14 4.3 3.37 6.80 6.80 6.80 6.80 6.80 6.80 6.80 6.80	1 0 0 0 0 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 1.3e+002 93 1.1e+002 33 1.e+002 78 1.3e+002 1.2e+002		TEGSETVHIK ADAAAQEAAARAALAALPANAPR IVOTITEOMEVAAVGYITPULR ATALOPPHASGER DSDSWYR ISPPLYK ESALAFSYMMLR + Oxidation (M) QQILQVLANSFGARTELYTR AVANAQGLYQR VSTYKESSALR GRNSNVTFSNNISNIGNEMFR + Oxidation (M) QCDPNSLUR + Carbamidomethyl (C) GLSDETLQAVAER LVMIALENGSERDNVTQVIR GAGADVAGVOPAVIEK KFEOGGH CKTVILLICHER + Carbamidomethyl (C) TDKGVSSVQQVILLELR SVPREFYSGLABGR SMYLLISGRGSNNQALK + Oxidation (M) TAPLALLTSVLAALGANYR QQPGCPPLR + Carbamidomethyl (C) ISSCHTDIR + Carbamidomethyl (C) ISSCHTDIR + Carbamidomethyl (C) ISSCHTDIR + Carbamidomethyl (C) SEMILVLOGILER MLPERQSQLVLEDAK MSPDVADLVETSNNVARVELK + Oxidation (M) GSMIISHIVKLVTTQ + Oxidation (M) FEMESASTER SSYDBLISNYDSILRENHK ROGSAAVGGGGGPR IGGITWRVAMERGLIKSGGEK + Oxidation (M) YLASMOVAELR
	3090 1678 202 1473 3040 1162 2878 630 1647 2996 630 1647 2996 830 1647 2996 830 1647 2996 830 1647 2996 830 1647 2996 830 1648 817 2899 1648 817	768,7477 1143,6360 466,9254 336,6765 409,2451 670,8458 753,4153 617,3221 634,8273 735,0244 551,7684 694,8536 1124,6270 528,2728 336,1775 650,3548 557,3445 553,2681 484,2704 663,0529 526,7678 601,3040 663,0529 526,7678 601,3040 663,4862 1152,0850 844,4734 1152,0850 846,4734 586,2801 1107,4830 613,8235 717,0279 575,8148 431,2469	1097.5736 2303.2131 2285.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6926 2247.2394 1581.7966 730.3404 1298.6995 1789.0117 1566.7925 1933.0525 1933.0525 1933.0525 1933.0525 1946.1369 1051.5210 1200.5934 1330.6934 1330.6936 1769.9322 1210.5456 1769.9322 1210.5456 1769.9322 1210.15456 1210.7189	2303.2134 2285.2646 1397.7528 791.3410 816.4745 1339.6806 2257.2179 1222.6262 2020.20600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098 1566.7790 1933.0489 1996.1302 1051.5233 1200.5921 1330.6802 1760.9308 2302.1475 1690.9328 1170.5451 2212.0647 1225.6276 2118.0674 1149.6142 1290.7217 1773.0148	3.43 -3.14 1.15 -3.17 1.18 -2.63 2.63 -0.60 -1.13 -1.30 -1.13 -1.30 -1.13 -1.30 -1.13 -1.30 -1.13 -1.30 -1.14 -1.30 -1.14 -1.30 -1.15 -1.30 -1.15 -1.30 -1.15 -1.30 -1.3	1 0 0 0 0 1 1 0 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 1.3e+002 1.7e+002 31 1.7e+002 78 1.3e+002 27 1.2e+002		TEGSETVUIK ADAAAQEAARAAALAALPANAPR IVOTITEOMEVAAVGYITPULR ATALEPHNLSGER DSDSWYR ISPPLYK ESALAFSYMMIR + Oxidation (M) QQILQVIAMSPGARTELYTR AVNNAQGLYQR VSTYEGSALR GRMSNVTPSNNISNIGMMFR + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDSTLQAVARR LVRIALEHSGEDNVTVQVLR GRGAUVARGVDPAVIEK KFEGGH CKTVHLIGHER + Carbamidomethyl (C) TDKGVSSVQQVIALFLR SVPREFYSGLAERR SMYLLISGRGSNNQALLK + Oxidation (M) TAPLAILTSVLAALGANVR QDRCGPER + Carbamidomethyl (C) ISSCHIDIR + Carbamidomethyl (C) ISSCHIDIR + Carbamidomethyl (C) MERHLYGGLEK NLFEKGSGLVLEDAK MSPDVADLVETSNNVARVELK + Oxidation (M) GSWIISHIVKLVTTQ + Oxidation (M) FEMESATER SYPREJSATER SYPOLLSSYDSILKERHEK RGGSAAVGSGGER IGGITPENMAMFRIKSGGEK + Oxidation (M) YLASNGVASLR ISHINNIKSIK + Oxidation (M) YLASNGVASLR ISHINNIKSIK + Oxidation (M) IVALNGVASLR
	3090 1678 202 1473 3001 1040 1162 2878 6 630 1647 2996 62 1341 2344 2552 2592 2592 1443 302 1884 22562 22592 1443 3144 2166 817 2899 1014 2744 1257	766.7477 1143.6360 466.9234 396.6765 409.2451 670.8458 753.4153 617.3221 634.8273 735.0244 551.7684 694.8536 1124.6270 528.2728 366.1775 650.3548 597.3445 532.2681 484.2704 663.0529 526.7678 601.3040 666.3486 881.4734 1152.0850 846.4734 586.2801 1107.0430 613.8235 717.0279 575.8148 481.2469 887.5140 683.65275	1097.5736 2303.2213 2295.2574 1397.7544 791.3384 816.4756 1339.6770 2257.2241 1232.6296 1267.6400 2202.0514 1101.5222 1387.6926 2247.2394 1581.7966 730.3404 1298.6950 1789.0117 1566.7825 1996.1369 1051.5210 1200.5934 1330.6826 1760.9322 2302.1554 1690.9322 21770.5456 2212.0714 1225.6324 2148.0619 1179.5456 1290.7189 1773.0134	2303.2134 2285.2646 791.3410 816.4745 1339.6806 2257.2179 2202.0600 1101.5237 1387.6943 2247.2335 1581.7999 730.3398 1298.6951 1789.0098 1566.7790 1933.0469 1996.1302 1051.5233 1200.5921 1300.6802 1760.9308 2302.1475 1690.9328 1170.5481 2170.5481	3.43 -3.14 1.15 -3.17 1.38 -2.63 3.46 -2.18 1.39 1.39 1.39 1.39 1.39 1.39 1.39 1.39	1 0 0 0 0 1 1 0 0 1 1 1 1 1 0 0 0 1	17 17 17 17 17 17 17 17 17 17 17 17 17 1	38 94 36 36 1.3e+002 93 1.1e+002 33 1.e+002 78 1.3e+002 1.2e+002		TEGSETVHIK ADAAAQEAARAAALAALPANAPR IVOTITEMEVANGYITPULR ATALGPHNLSGER DSDSNVR ISPELYK ESALAFSVYMLR + Oxidation (M) QQILQVIANSPORMELYTR AVNNAQGLYGR VSTYKESBALR GHNSNVTESNNISNIGNUMF + Oxidation (M) QCDPNSLLR + Carbamidomethyl (C) GLSDETLQAVAER LVRIALEHSGENNVTVQVLR GAGADVANGVOPAVIEK KFEGGGH CKTVILCIGHR + Carbamidomethyl (C) TDKKYSSVQVVLALER SVPREFYSGLABGR SMYTLISGGSNNGALLK + Oxidation (M) TAPLAILTSVLAALGANYR QQPGCPELR + Carbamidomethyl (C) ISSCHITDIR + Carbamidomethyl (C) ISSCHITDIR + Carbamidomethyl (C) ISSCHITDIR + Carbamidomethyl (C) SSCHITDIR + CARBAMIDOMETHYL + CARBAMIDOMETHY

₩.										
	654		1113.5238		0.16	0	17	90	1	AHINVEEMR + Oxidation (M)
₩.	3159		2306.1796		0.06	1		1.1e+002	1	ILDKDFTVVDEISFEVGAGPR
<b>W</b>	1058			1239.6142		0	17	1.1e+002	1	MHLQQGNVSAR
8	291	446.7241	891.4336	891.4338		0	17	1.6e+002	1	DFPDLASK
<b>W</b>	1970	804.3712	1606.7278	1606.7236	2.61	1	17	78	1	TQNREHFDGNYAR
8	2564	970.4696	1938.9246	1938.9204	2.18	0	17	1.2e+002	1	SDALITLNGSSNIDMTGSK + Oxidation (M)
₩.	3245		2342.2774	2342.2794	-0.82	1	17	48	1	LPIWRTAANMAIAHPVNGVGVR
<b></b>	204	412.2247	822.4348	822.4348	0.08	1	17	91	1	SASFGKAR
<b>W</b>	3447	925.0927	2772.2563	2772.2656	-3.38	1	17	56	1	DVETIDMPDSVELIGTKAFQCCTK + 2 Carbamidomethyl (C); Oxidation (M)
8	706	567.7621	1133.5096	1133.5070	2.35	1	17	79	1	RSHMTCDLR + Oxidation (M)
8	1985		1622.7544		0.48	1	17	84	1	TRVADODEEEYLR
₩	2163			1722.9226		1	17	92	1	ALDVKFMDIGTVATVK + Oxidation (M)
₩	2831			2182.0295			17	1e+002	1	EWKPLCVLKMDIDCMTGK + Carbamidomethyl (C); Oxidation (M)
						1				SHLYHLFRTAK
8	1603			1371.7411						
8	1906			1566.7923		1		1.1e+002		MSGSTKESAAVSLATK
8	2048			1680.8327				1.4e+002		VMLAMQGDGNVVLYR + Oxidation (M)
₩.	381			956.4572					1	HCTQLMPK
<b>W</b>	280			880.5018	-0.63	0	17	49	1	LALDGAPPK
<b>W</b>	2354		1792.9586			0	17	80	1	QLVELLGGHLELESEK
8	1354	652.3656	1302.7166	1302.7143	1.77	0	17	1.3e+002	1	TATGGTVELVSLR
<b>W</b>	2228	875.4758	1748.9370	1748.9308	3.55	1	17	96	1	FETQLAKLQSDLASAK
<b>W</b>	1805	509.2650	1524.7732	1524.7725	0.44	0	17	1.4e+002	1	EFLVSAYFSLHGR
<b></b>	1578	682.8748	1363.7350	1363.7347	0.24	0	17	1.1e+002	1	TTSLSDLYVPLR
8	1646	694.3836	1386.7526	1386.7541	-1.02	0	17	1.2e+002	1	LLLSGSPMQNSLK
<b>V</b>	3008	1128.0880	2254.1614	2254.1593	0.93	1	16	1e+002	1	ASEVTAVLEALERWGGVEPGGK
8	2460	619.3540	1855.0402	1855.0468	-3.58	1	16	44	1	DKPVKANIFAAGAVLWR
₩	3139						16	38	1	QDSNLRPLAPSGAAIFLYVRL
₩	1211		1282.5726		0.54		16	67	1	VAVCMSLAACGDK + Oxidation (M)
₩	1382		1312.7028		0.13	1		1.2e+002	1	YTKADIFSAIGK
8	1875			1557.7675		0		1.3e+002	1	KPPIENINDFEDK
8	1997		1636.9765		0.08	1	16	11	1	TEVVLKLQTPALPTK
₩.	1905		1566.7874		3.24	1		1.7e+002	1	AMKALNYALSGEAGR + Oxidation (M)
<b>W</b>	841		1178.6058		1.25	1		1.5e+002	1	ATDRYVDALR
8	1545		1355.7157		2.79	0		1.3e+002	1	CDLGEVNVLLPK + Carbamidomethyl (C)
<b>*</b>	3119			2290.1814		0		1.1e+002	1	IVFLGAGSAGCGIAEMIIAQTPR + Oxidation (M)
8	3338	803.0734	2406.1984	2406.2035	-2.14	1	16	1.3e+002	1	VMLGQRLGLPELNDSMYSIDR
₩.	938	406.2143	1215.6211	1215.6207	0.28	1	16	1.7e+002	1	TLANRDEAAQK
<b>W</b>	3341	806.1159	2415.3259	2415.3196	2.62	0	16	40	1	LADLVSLLPVLAMPLAVADEHGR + Oxidation (M)
<b>W</b>	442	501.7822	1001.5498	1001.5505	-0.69	1	16	2.4e+002	1	SKLNGDAVAK
8	1052			1235.5782		0	16	1.4e+002	1	TFEQEAINR
₩	86			751.3864		0	16	2e+002	1	YDVISR
₩	1279		1297.6784		3.54	1		1.3e+002	1	QSNDVLVPDRR
₩	104			753.4133				1.5e+002	1	DKPAPAR
									1	LISNSTDVAFK
8	875			1193.6292 1786.9975			16			
8	2342							48		VLLACTKLATSAEAIAR + Carbamidomethyl (C)
8	2565			1939.0024				1.2e+002	1	ASSSLARPPADPHDLLHR
8	437			997.5444			16	76	1	IDDPAQVIK
₩.	1421			1324.7027			16		1	ISYENPFIKSK
<b>*</b>	2034			1672.9182	-1.27		16		1	QLSKLSEVVNAMVQK
8	950							1.6e+002	1	
<b>W</b>				1219.5833			16	1.00+002		DAFDADLANLR
No.	2396			1219.5833 1811.0265			16 16	40	1	DAFDADLANLR GTLNANSAVVGANGKVVLK
8	2396 2451	604.6851	1811.0335		3.86	1				
	_	604.6851 922.5181	1811.0335 1843.0216	1811.0265	3.86 0.70	1 0	16	40		GTLNANSAVVGANGKVVLK
•	2451	604.6851 922.5181 450.7448	1811.0335 1843.0216 899.4750	1811.0265 1843.0204	3.86 0.70 2.74	1 0 1	16 16 16	40 52	1	GTLNANSAVVGANGKVVLK GQGFATGQINLGEIVVLK AFRVDHR
8	2451 301	604.6851 922.5181 450.7448 694.3832	1811.0335 1843.0216 899.4750	1811.0265 1843.0204 899.4726 1386.7541	3.86 0.70 2.74	1 0 1	16 16 16	40 52 83	1	GTLNANSAVVGANGKVVLK GQGFATGQINLGEIVVLK
8 8	2451 301 1645 2638	604.6851 922.5181 450.7448 694.3832 687.9828	1811.0335 1843.0216 899.4750 1386.7518	1811.0265 1843.0204 899.4726 1386.7541 2060.9190	3.86 0.70 2.74 -1.59	1 0 1 1	16 16 16 16	40 52 83 1.6e+002	1 1 1	GTLNANSAVVGANGKVVLK GGGFATGGINLGEIVVLK AFRVDHR IATSLIHTMEKK + Oxidation (M)
8 8 8	2451 301 1645 2638 590	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938	3.86 0.70 2.74 -1.59 3.67 0.62	1 0 1 1 1 0	16 16 16 16 16	40 52 83 1.6e+002 72 76	1 1 1 1	GTLNANSAVVGANGKVVLK GGGBATGGINLGEIVULK ABRYDHR LATSLHTMENSK + Oxidation (M) LDAADGGDRNHMMLSVCTR HDPDAFDLR
X X X X	2451 301 1645 2638 590 1669	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21	1 0 1 1 0	16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002	1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATGQINLCEIVVLK AFKVDHR IATSLIHTMEKK + Oxidation (M) IDAADGGDRNHMMLSVCTR HDPDAFULR SRVSFFSQNVPK
	2451 301 1645 2638 590 1669 1571	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12	1 0 1 1 1 0 1	16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002	1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATQCINLGELVVLK AFKVDER LATELHTMEKK + Oxidation (M) IDADADGGRNHBMLSVCTR HDPDAPDLR SKVSFFSQNVPK FTEVGVPAAEAEK
X X X X X X	2451 301 1645 2638 590 1669 1571 1542	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12	1 0 1 1 0 1 0	16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.5e+002	1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATQCINLGETVVLK AFRVDHR LATSLIHTMEKK + Oxidation (M) LIDAADGDRNHBMLSVCTR HDPDAFDLR SKVSFFSQNVPK FTFGVQFDAAEAPK QDIAVELNGHEKK QDIAVELNGHEKK
	2451 301 1645 2638 590 1669 1571 1542 1566	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62	1 0 1 1 0 1 0 1	16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.5e+002 1.4e+002	1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATGQINLGEIVVLK AFKVDHR IATSLIHTMEKK + Oxidation (M) IDAADGGDRNHMMLSVCTR HDPDAFDLR SRVSFFSQNVPK FFFGVQPAASAFK QDIAVELNGKEK ERTVDELSVLAK
* * * * * * * * *	2451 301 1645 2638 590 1669 1571 1542 1566 2747	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58	1 0 1 1 0 1 0 1 1	16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002	1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATQGINLGEIVVLK AFRVDHR LATSLHITMENK + Oxidation (M) LATGLHITMENK + Oxidation (M) LOADADGGRHHMMLSVCTR HDFDAFDLR SKVSFFSQNVFK FFFGVQFAARDK QDLAVELNGNEK ERTVDELSVLAK KEGEDVIVAGDGFTALVEFGK
* * * * * * * * *	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29	1 0 1 1 0 1 0 1 1 1	16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QGGFATGGINLGETVVLK AFKVDHR IATSLIHTMEKK + Oxidation (M) IDAADGGDRHHBMLSVCTR HDPDAFDLR SKVSFFSQNVPK FFFGVQPAAEAFK QDIAVELNGHEK ERTVDELSVLAK KEGFDVIVAGDGPTALVEFGK ILIUWGGA
* * * * * * * * * * *	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84	1 0 1 1 0 1 0 1 1 0 0	16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 70	1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QQGFATQGINLGELVULK AFRUDHR  LATELHTMENK + Oxidation (M)  IDADADGGRNHBMLSVCTR  HDPDAFDLR  SKVEFFSGNVPK FFFGVQFAAEAFK  QDIAVELNGMEK  ERTVDELSVLAK  KEGFDVIVAGDGPTALVEFGK  IILVEGEA  GTLDAFAGGFDFLLNGVVAEEIR
	2451 301 1645 2638 590 1571 1542 1566 2747 243 3335 2225	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 717.0422 422.2457 802.4171 875.4734	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78	1 0 1 1 0 1 0 1 1 0 0	16 16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 70 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK  GGGFATGGINLGEIVUIK AFRYDHR  LATSLHITMEKK + Oxidation (M)  LOADGGGRNINGHLSVCTR  HDPDAFDLR  SKVSFFSGNYFK FFFGVDPAAEAK  QDIAVELNGNEK  ERTVDELSVLAK  KRGEDVITVAGAUPTALVEFGK  IILUGEGA  GTLDAFATGFDPLLNGVVAEEIR  FLAVEDVVTIGSSVKK
	2451 301 1645 2638 590 1571 1542 1566 2747 243 3335 2225 1179	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22	1 0 1 1 0 1 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.3e+002 70 1.3e+002 91	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATQINLGELVULK AFKVDER  LATELHYMEKK + Oxidation (M) IDADADGGRNHBHGLSVCTR HDFDAFDLR  SRVSFFSQNVPK FTFCVQPAAEAFK QDIAVELNGMEK EKTVDELSVLAK KEGGDUTVADOPTALVEFGK IILVEGGA GTLDAFATGFDFLLNGVVAEEIR FLAVEDVVTIGESVUK  KELMEVATIKK + Oxidation (M)
* * * * * * * * * * * * * * *	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 2225 1179 1848	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1727.7096 1534.7166	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22	1 0 1 1 0 0 1 0 1 0 0 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 91 90 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK QQGFATQGINLGEIVULK AFRVDHR LATSLIHTMEKK + Oxidation (M) LIADADGGRHHEMLSVCTR HDFDAFDLR SKVSFFSQNVFK FFFGVQFAAENK QDLAVELNGNEK ERTVDELSVLAK KEGEDVITVAGDGPTALVEFGK LILIVEGEA GTLDAFATGGDFLLNGVVAEEIR FLAVEDVYTTGSSVEK LELMKDATINK + Oxidation (M) CVLNLLGTNYSSEK + Oxidation (M)
	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 2225 1179 1848 2189	604.6851 922.5181 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 683.685 578.9810	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 2.258 2.29 0.84 0.78 -1.22 0.45 0.71	1 0 1 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 91 90 1.1e+002 1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATQQINLGEIVVLK AFRVDHR LATSLHITMEKK + Oxidation (M) IDAADGGDRHHMELSVCTR HDFDAFDLR SKVSFFSQNVPK FFFGVQFPAAEAPK QDIAVELMGHEK ERTVDELSVLAK KRGGDVIVAGDGPTALVEFGK IILVEGGA GTLDAFATGFDFLLNVVAEEIR FFAVEVOVTGSVFK IELMKPATINK + Oxidation (M) CYINLIGTNYSMK + Oxidation (M) SVSVFPYAETKAGIAEAK
* * * * * * * * * * * * * * *	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 2225 1179 1848 2189	604.6851 922.5181 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 683.685 578.9810	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 2.258 2.29 0.84 0.78 -1.22 0.45 0.71	1 0 1 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 91 90 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK QQGFATQGINLGEIVULK AFRVDHR LATSLIHTMEKK + Oxidation (M) LIADADGGRHHEMLSVCTR HDFDAFDLR SKVSFFSQNVFK FFFGVQFAAENK QDLAVELNGNEK ERTVDELSVLAK KEGEDVITVAGDGPTALVEFGK LILIVEGEA GTLDAFATGGDFLLNGVVAEEIR FLAVEDVYTTGSSVEK LELMKDATINK + Oxidation (M) CVLNLLGTNYSSEK + Oxidation (M)
	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 2225 1179 1848 2189	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22 0.45 0.71	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 91 90 1.1e+002 1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVVLK QQGFATQQINLGEIVVLK AFRVDHR LATSLHITMEKK + Oxidation (M) IDAADGGDRHHMELSVCTR HDFDAFDLR SKVSFFSQNVPK FFFGVQFPAAEAPK QDIAVELMGHEK ERTVDELSVLAK KRGGDVIVAGDGPTALVEFGK IILVEGGA GTLDAFATGFDFLLNVVAEEIR FFAVEVOVTGSVFK IELMKPATINK + Oxidation (M) CYINLIGTNYSMK + Oxidation (M) SVSVFPYAETKAGIAEAK
	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 2225 1179 1848 2189 3126 831	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1224 1177.5730	1811.0265 1843.0204 899.4726 1386.7541 2000.9190 1084.4938 1394.7307 1361.6980 2148.1103 842.4749 2404.2274 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.78 -1.22 0.45 0.73 -0.53	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 91 90 1.1e+002 1.e+002		GTLNANSAVVGANGKVULK  QQGFATQQINLGELVUIK AFRUDHR  LATELHTMENK + Oxidation (M)  IDADADGGRNHBHLSVCTR  HDPDAFDLR  SKVSFFSGNVPK FFFGVQFAAEAFK  QDIAVELNGMEN  ERTVDELSVLAK  KEGFDVIVAGDGPTALVEFGK  IILVEGEA  GTLDAFAGGFDFLLNGVVAEEIR  FLAVEDVVTTGSSVRK  HELKEVFATIKH + Oxidation (M)  CYLNLLGTNYSKK + Oxidation (M)  VSVSTFTAETKAGIEAEK  KCGPUNALSONGENER  VSCHULGTNYSKK + Oxidation (M)
	2451 301 1645 2638 590 1567 1542 1566 2747 243 3335 2225 1179 1848 2189 3126 831 1950	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 710.3820 722.2422 422.2457 802.4171 875.4734 425.2438 875.4734 425.2438 786.3656 578.3656 393.35316	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1355.7154 1355.7454 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1558.7134	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.77111 1534.7160 1733.9199 2292.1242 1177.5736	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22 0.45 0.71 0.53 -0.53	1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 91 90 1.1e+002 1.e+002 1.e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATQGINLGEIVULK AFRYDHR  LATELHTMEKK + Oxidation (M)  LATGLHTMEKK + Oxidation (M)  LOADGGGRNHAMLSVCTR  HDPDAFDLR  SKVSFFSCNVFK FTFFUVGPAARDK  QDLAVELNGMEK  ERTVDELSVLAK  KGGFDVIVAGDGPTALVEFGK  LILLWGEA  GTLDAFATGGDDLLNGVVAEEIR  FLAVEDVVTTGESVRK  LELMENATINK + Oxidation (M)  CVILNLIGNTSSK + Oxidation (M)  VSVTFYAETKAGIAEAK  VDCMLLVDEAHSLGVLGKTGR + Oxidation (M)  ADMOMEBAVK
	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 2225 1179 1848 2189 3126 831	604.6851 922.51848 659.7928 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316 795.36340	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1727.7096 1534.7166 1733.9212 2292.1254 1177.5730	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1177.5736 1588.7191 2285.2604	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22 0.45 0.71 0.53 -0.53 -3.59 -3.04	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 72 76 1.5e+002 1.4e+002 1.4e+002 1.3e+002 1.3e+002 91 1.1e+002 1.e+002 2e+002 73	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATGGINLGEIVULK  AFRYDER  LATELHIMEKEK + Oxidation (M)  LIABADGGRHHEHDLSVCTR  HDFDAFDLR  HDFDAFDLR  SRVSFFSQNVPK  FTFCVCPAARAFK  QDIAVELNGMEK  ERTYDELSVLAK  KEGGDUTVAGDOPTALVEFGK  ILLVEGRA  GTLDAFATGFDFLLNGVVAREIR  FLAVEDVVTTUESVVRK  HELMENFATIRK + Oxidation (M)  CYLHLIGTNYSSK + Oxidation (M)  CYLHLIGTNYSSK + Oxidation (M)  AGBMERAVKR  YDCHLIVDEAHSLGVLGKTGR + Oxidation (M)  AGBMERAVKR
	2451 301 1645 2638 590 1669 1571 1542 1566 2747 243 3335 1179 1848 2189 3126 831 1950 3086 969	604.6851 922.5181 450.7448 694.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3807 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316 795.3640 1143.6340	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2534	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1358.7080 1355.7157 1358.7080 1474.93	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 -1.22 0.45 0.71 0.53 -0.53 -3.59 -3.69	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 833 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.3e+002 1.3e+002 91 90 1.1e+002 1.e+002 2e+002 2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATQGINLGEIVUIK AFRUDHE  LATSLIHTMENK + Oxidation (M)  IDADADGGRHHBHLSVCTR  HDFDAFDLR  SKVSFFSGNVFK FFFGVGPAASAVK  QDIAVELNGHEK  ERTUDELSVLAK  KEGFDVIVAGDGPTALVEFGK  IILVEGEA  GTLNAFATGFDFLLNGVVAEEIR  FLAVEDVVTTGSSVEK  IELMKPATINK + Oxidation (M)  CYLNALGINNSEK + Oxidation (M)  VSVSVFYAETKAGIAEAK  VDCHLIVERSHLGVVGRTGR + Oxidation (M)  AGMHMEAVKE  DTGIFLIGIANNIFOGHILR
	2451 301 1645 2638 590 1669 1571 1542 1546 2747 243 3335 2225 1179 1848 3126 831 1950 3086 969 1196	604.6851 922.5181 450.7448 694.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.427 822.437 875.4734 425.4348 768.3656 578.9810 1147.0700 393.5316 9795.3516 1143.6340 613.829 637.8486	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2295.2534 1225.6312 1223.6326	1811.0265 1836.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1361.6980 1355.7157 1375.7	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 2.29 0.84 0.78 -1.22 0.45 0.71 0.53 -0.53 -3.59 -3.04 0.89	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 2.3e+002 2.6e+002 2.6e+002 2.6e+002 4.6e+002 2.6e+002 2.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QQGFATQQTMLGELVULK  AFRUDHR  LATELHTMENK + Oxidation (M)  IDADADGGRHHBMLSVCTR  HDPDAFDLR  SKVSFFSGNVPK  FTFGVQFAAEARK  QDIAVELNGMEN  ERTVDELSVLAK  KEGFDVIVAGDGPTALVEFGK  IILVEGRA  GTLDAFATGFDFLLINGVVAEEIR  FLAVEDVVTTGSSVRK  HELMFRATHIKH + Oxidation (M)  CYLLILLIGTNYSMK + Oxidation (M)  VSVTPYAETKAGIAERK  VDCMLIVEARHLGVUGFGF + Oxidation (M)  AGMOMBAVKR  VMYSVMEVTHYDR  DTGTPLIQLANIRDGQHILR  GTEALFPTDGLR  SISFFFFMERR
	2451 301 1645 2638 590 1571 1542 1566 2747 243 3335 1179 1848 831 1950 3086 969 969 392	604,6851 922,5181 450,7448 694,3832 687,9828 543,2545 465,9160 454,9071 452,9124 680,3800 717,0422 422,2457 802,4171 875,4734 425,2438 768,3656 578,9810 1147,0700 393,5316 795,3640 1143,6340 613,8229 637,8486 484,7379	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 1225.6312 1273.6826 967.4612	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1368.4949 1272.7111 1534.7160 1733.9199 1272.7111 1534.7160 1733.9199 1272.7112 1775.736 1588.7191 12285.2604 1225.6303 1273.6819 967.4644	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 2.29 0.84 0.78 -1.22 0.45 0.71 0.53 -0.53 -0.53 -0.84 0.84 0.78	1 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.3e+002 1.3e+002 2 1.4e+002 70 1.1e+002 1.6e+002 2e+002 73 46 1.4e+002 2e+002 1.1e+002 1.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  GGGFATGGINLGEIVULK APRYDHE  LATELHTMEKK + Oxidation (M)  LATELHTMEKK + Oxidation (M)  LOADGGDRNHOMLSVCTR  HDPDAFDLR  SKVSFFSCNVFK FTFFUVDPAABAK  COLONZELNGMEK  ERTVDELSVLAK  KGGFDVIVAGDGPTALVEFGK  LILLWGEBA  GTLDAFATGGDFLLNGVVAEEIR  FLAVEDVVTTGESVRK  LELMENATINK + Oxidation (M)  CVILNLIGNTSSKK + Oxidation (M)  AGNOMBEAVK  VMYSVMEVTHYDR  DTGTFLIGLNINTROGHILR  GTEALPPTDGLR  SSIFFFPMTLR  SLGTATMEGK + Oxidation (M)
	2451 301 1645 590 1669 1571 1542 243 3335 2225 831 1179 1848 2189 3086 969 1196 969 1198 392 1887	604.6851 922.5181 450.7448 694.3832 647.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316 1143.6340 613.8329 637.8486 484.7379 523.2681	1811.0335 1843.0216 899.4750 1396.7518 2060.9266 1094.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2255.6312 1275.6826 967.4612	1831.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1788.7999 2404.2274 1748.9309 1272.7711 1554.7160 1773.9199 2292.1242 1177.5736 1588.7191 2285.604 1225.6303 1273.6819 967.4644	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 0.71 0.53 -3.59 -3.04 0.80 0.59 -3.31 2.18	1 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 76 1.5e+002 1.4e+002 1.4e+002 1.4e+002 1.3e+002 91 10 10 10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QQGFATQGINLGELVULK  AFKVDER  LATELHTMEKK + Oxidation (M)  LIABADGGRAPHOLISVCTR  HDPDAPDLR  HDPDAPDLR  STVSFFSQNVPK  FTFGVQPAAEAPK  QDIAVELNGNEK  EKTVDELSVLAK  KEGDVIVACHOPTALVEFGK  LILVEGEA  GTLDAPATGPDPLLNGVVAEEIR  FLAVEDVVITGESVER  HELMENFAITHEN + Oxidation (M)  CTLIALLGINVSSK + Oxidation (M)  CTLIALLGINVSSK + Oxidation (M)  ADMOMEAVER  VDCMLLVDEAHSLGVLGKTGR + Oxidation (M)  ADMOMEAVER  VMYSVEPTATEATAEAE  STEPPIPTICIANIERGCHIER  GTEALPPTOLIGE  SIEPPIPTICE  SIEPPIPTICE  SIEPPIPTICE  SIEPPIPTICE  SIEPPIPTICE  SIEGTALMEGK + Oxidation (M)  VAVESVINGCLESS
	2451 301 1645 2638 590 1669 1571 1542 243 3335 2225 2159 1196 831 1950 3086 969 1196 392 1887 2356	604.6851 922.5181 450.7448 694.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 133.5316 795.3640 144.7379 523.2681 897.9128	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2295.2534 1225.6312 1273.6826 967.4612 1566.7825	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1358.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1177.5736 1285.2604 1225.303 1273.6819 967.4644 1273.38101	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22 0.71 0.53 -0.53 -0.53 -0.53 -0.53 -0.59 -3.04 0.59 -3.31 2.18	1 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.3e+002 1.3e+002 1.4e+002 1.6e+002 1.6e+002 2e+002 73 6 1.4e+002 2e+002 1.4e+002 1.4e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATQGINLGEIVUIK AFRUDHE  LATSLIHTMENK + Oxidation (M)  LOADAGGGRHHBMLSVCTR  HDFDAFDLR  SKVSFFSGNVFK FFFGVGPAARDK  QDIAVELNGNEK  ERTUDELSVLAK  KEGFDVIVAGDGPTALVEFGK  IILVEGEA  GTLNAFATGFDFLLNGVVAEEIR  FLAVEDVYTGSSVEK  IELMKDATINK + Oxidation (M)  CYLNALGINNSEK + Oxidation (M)  VSVSVFYAETKAGIAEAK  VDCSLLVDEAHLGVVGRTGR + Oxidation (M)  AGMUMEAVKE  VMYSVMEVINTOR  DTGTFLIGIANTENGGHILR  GTEALPFTDGLR  SIFFFFFFLR  SLGFTATMGGK + Oxidation (M)  VAVFSVNECKIGNER  ENSUESSEGAGTQADAKK
	2451 301 1645 590 1669 1571 1542 1542 1542 21566 2747 243 3335 2225 1179 1848 831 1950 3086 831 1950 3086 1196 392 1887 1896 2497	604.6851 922.51818 450.7484 694.3832 687.9828 543.2545 445.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 876.3656 578.9810 1147.0700 393.5316 795.3640 1143.6340 613.8229 637.8486 484.7379 523.2681 897.9128	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2534 1225.6312 1273.6926 967.4612 1566.7825 1793.8110	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1177.5736 1588.7191 2285.2604 1225.6303 1273.6819 967.4644 1566.7791 1793.8101	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.78 -1.22 0.45 0.71 0.53 -3.59 -3.04 0.80 0.53 -3.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12	1 0 1 1 1 0 0 1 1 1 0 0 0 0 1 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 72 76 1.5e+002 1.5e+002 1.4e+002 1.3e+002 1.3e+002 21 1.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLAMSAVVGANGKVULK  QGGRATQINLGELVULK  AFKVDER  LATELLHYMEKE + Oxidation (M)  LIABADGGRAFULR  HOPDADULR  SEVSPFSQNVPK  FTFCVGPAARAFK  QDIAVELNGMEK  EKTVDELSVLAK  KEGGDUIVAGDGPTALVEFGK  ILLVEGEA  GTLAMFATGMEVAVEFER  FLAVEDVUTICESVEK  HELMFRATINK + Oxidation (M)  CYLNLLGTNYSSK + Oxidation (M)  CYLNLLGTNYSSK + Oxidation (M)  AGMOMERAVER  VDCGLLVDEAHSLGVLGKTGR + Oxidation (M)  ROSTPTATATAGALEAK  VDCGLLVDEAHSLGVLGKTGR + Oxidation (M)  AGMOMERAVER  VHISVERVITHIOR  DTGTPLIQUANTEROGHILR  GTEALPPTDGLR  SSIPFPFFFER  SLGTATMSGR + Oxidation (M)  VAVFGYNGEGLGSR  ENSVDESGAAGTQADAK  ENSVDESGAAGTQADAK  ENSVDESGAAGTQADAK  ENSUDESGAAGTQADAK  ENSUDESGAAGTQADAK  ENSUDESGAAGTQADAK  ENSUDESGAAGTQADAK  ENSUDESGAAGTQADAK  ENSUDESGAAGTQADAK  ENSUDESGAAGTGADAK  ENSUDESG
	2451 301 1645 590 1669 1571 1542 1566 2747 2225 1179 3335 2225 1179 3126 831 1950 3086 969 1195	604.6851 922.5181 450.7448 694.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.427 822.437 875.4734 425.4348 768.3656 579.5810 1147.0700 393.5316 979.5364 644.7379 523.2681 897.9128 723.2017	1811.0335 1893.4750 1396.7518 2060.9266 1094.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1275.6312 1273.6926 967.4612 1273.6926 967.4612 1273.6926 1566.7925 1793.8110 2166.0922	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1355.7157 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1273.31919 2282.1242 1177.5736 1285.2604 1225.6303 1273.6819 967.4644 1256.67791 1793.8101 2166.0328	3.86 0.70 2.74 -1.59 3.67 0.62 -3.21 1.12 -0.24 3.62 -2.58 2.29 0.84 0.71 0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -0.59 -3.31 2.18 0.51 -1.25	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 33 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.3e+002 1.90 01.1e+002 1.6e+002 2e+002 2e+002 1.4e+002 1.2e+002 1.5e+002 1.5e+002 1.5e+002		GTLNANSAVVGANGKVULK  QQGFATQGINLGELVULK  AFRUDHR  LATSLIHTMENK + Oxidation (M)  LIDADAGGGRNHEMLSVCTR  HDPDAFDLR  SKVEFFSONVK  FTFGVUPAAEARK  QDIAVELNGMEK  ERTVDELSVLAK  KEGFDVIVAGDGPTALVEFGK  LILVEGEA  GTLDAFATGFDFLLINGVVAEEIR  FLAVEDVVTTGSSVRK  HELMERCATIKH + Oxidation (M)  CYLNLLGTNYSMK + Oxidation (M)  CYLNLLGTNYSMK + Oxidation (M)  AGMOMBAVER  DYGLILVEAHALGAVLGTGR + Oxidation (M)  AGMOMBAVER  DTGIPLIQLNNIRDGGHILR  GTEALPTDGLK  SLOFATAMGGK + Oxidation (M)  AVAPSYNGEQLGSR  EMSVDESKQAGTQADAK  EASELGAGELFINSIDTOGTK  LVLAMMSLOGGLLSSGGK
	2451 301 1645 590 1659 1571 1542 1556 2747 243 3335 2225 1179 1848 831 1969 969 1196 969 1196 2356 2775 2356 2752 1144 1146	604.6851 922.5181 450.7448 694.3832 667.9928 543.2545 465.9160 454.9071 452.9124 660.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9815 1147.0700 393.5316 795.3640 1143.6340 675.3640 1143.6340 675.3640 1143.6340 875.4734	1831.0335 1843.0216 899.4750 1396.7518 2060.9266 1094.4944 1394.7262 1351.6995 1355.7154 1358.7454 2148.1048 842.4768 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2534 1225.6312 1273.6826 967.4612 1566.0292 1768.9952 1768.9952	1831.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1361.4938 142.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1177.5736 1588.7191 2285.2604 1225.6303 1273.6819 967.4644 1566.7791 1793.8101 2166.0328 1786.9975	3.86 0.70 0.70 3.67 -3.21 -0.24 3.62 -2.58 -0.45 0.78 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -0.53 -1.68 -1.22 -1.68 -1.68 -1.68	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 72 72 1.5e+002 1.5e+002 1.4e+002 1.3e+002 1.3e+002 2.6e+002 2.6e+0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNAMSAVVGANGKVULK  QGGFATQGINLGEIVULK  AFRYDHE  LATELHITMEKK + Oxidation (M)  LIADADGGRAFMCHMULSVCTR  HDFDAFDLR  SKVSFFSGNYFK  FFFGVQFAARDK  QDLAVELNGMEK  ERTVDELSVLAK  KEGEDVIVADDGPTALVEFGK  LILWGEA  GTLNAFATGDDFLLNGVVAEETR  FLAVEDVYTGGSVFK  LELMGPATINK + Oxidation (M)  CVINLIGHTNSEK + Oxidation (M)  VSVTPYARTKAGIAEAK  VMSYSWEVITHYDR  DTGFLLIGHNIFRGGHILR  GTEALPPTDGLR  SLIFFAMSK + Oxidation (M)  VAVFGYNGEGLGSR  ELMGPATING C + Oxidation (M)  AGDMEAVKR  VMSYSWEVITHYDR  DTGFLLIGHNIFRGGHILR  GTEALPPTDGLR  SLIFFAMSGK + Oxidation (M)  VAVFGYNGEGLGSR  ELMSVDESKGAGTQADAK  RASELLAGKLIFINS LIDTOGTK  LVLAMSLDGRILLSGGGK  VGGWMDFEFAAK
	2451 301 1645 590 1669 1571 1571 1572 1566 2747 243 3335 2225 1179 1888 3126 3086 969 1196 2877 2341 1196 2775 2341 1128	604.6851 922.5181 450.7448 694.3832 647.9828 543.2545 465.9160 465.9160 717.0422 422.2457 802.4171 875.4734 422.2457 902.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5516 795.3640 1143.6340 613.8229 637.8486 484.7379 523.2681 897.9128 823.2170 894.5049 632.3197 644.3552	1811.0335 1843.0216 899.4750 1396.7518 2060.9266 1094.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 842.4768 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 225.6312 1273.6826 967.4612 1566.7825 1793.8110 2166.0929 1266.6929 1266.6929 1266.6929	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1554.7160 1773.9199 2292.1242 1177.5736 1588.7191 1285.2604 1225.6303 1273.6819 967.4644 1566.7791 1793.8101 2166.0328 1786.9975 1262.6295	3.86 0.70 0.70 0.62 -3.21 1.12 -0.24 3.62 2.29 0.78 0.78 0.71 0.53 -3.59 -3.08 0.59 -3.31 2.18 0.51 -3.31	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 76 1.5e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.9e+002 2.9e+002 2.9e+002 2.9e+002 1.1e+002 2.9e+002 1.1e+002 2.9e+002 1.1e+002 1.5e+002 2.9e+002 1.1e+002 1.5e+002 1.5e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QQGFATQGINLGELVUIK AFRUBER  LATELHIMMEK + Oxidation (M)  IDAADGGRAPHGLISVCTR  HDPAAPLR  SRVSFFSQNVPK FFFEVQPAARAEK  QDIAVELNGMEK  EGFDULVAN  KEGFDUIVAGDGPTALVEFGK  IILVEGEA  GTLDAFATGFPELLNUVVAEEIR  FLAVEUVYTIGSSVER  FLAVEUVYTIGSSVER  HELMENFATIKH + Oxidation (M)  CTIMILIGTNYSK + Oxidation (M)  CTIMILIGTNYSK + Oxidation (M)  AGMMEAVER  VNSVFPVAETKAGIAEAK  TOCHLIVERAHELGVLGKTGR + Oxidation (M)  AGMMEAVER  VNSVSVEVITYDR  DIGIPLIQLANIENGOHILR  GTEALPPIDLE  SLIFTFNER  SLIFTATMGGK + Oxidation (M)  VAVESVNEGLISSE  EMSVDESKOAGVADADK  EASELLGARELPINS LDTOGTK  LVLAMSLDGTIALSGGK  VPGUMDFEPAAK  TVSLENAVMER
	2451 301 1645 2638 590 1669 1566 1566 1156 2224 2225 2225 2225 2225 2236 233 333 333 333 266 969 9196 969 1196 392 2356 2341 1146 2341 1146 2441 2441 2441 2441 2441 2441 24	604.6851 922.51848 654.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 133.5316 633.8229 637.8486 484.7379 523.2681 897.9128 723.0170 894.5049 633.8229 643.8229 643.8229 644.3522 723.0170 894.5049 632.3197 644.3552	1811.0335 1843.0216 899.4750 1386.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1275.6312 1273.6826 967.4612 1273.6826 967.4612 1566.7825 1768.9321 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932 1276.6932	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1378.7157 1378.7157 1378.7157 1278.7157 1285.2603 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.8101 1266.0328 1766.9975 1262.6295 1266.6983	3.86 0.70 0.70 0.70 0.62 -3.21 1.12 -0.25 8 2.29 0.45 0.45 0.71 0.65 0.71 0.71 0.71 0.71 0.71 0.71 0.71 0.71	1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.3e+002 1.4e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATQGINLGEIVUIK AFRUDHE  LATSLIHTMENK + Oxidation (M)  LATALLHTMENK + Oxidation (M)  LOADAGGGRHHEMLSVCTR  HDFDAFDLR  SKVSFFSGNVFK FFFGVQFAASAVK  QDIAVELNGHEK  EETVDELSVLAK  KEGFDVIVAGDGPTALVEFGK  LILIVEGEA  GTLNAFATGSDFLLNGVVAEEIR  FLAVEDVVTTGSSVEK  HELMKPATINK + Oxidation (M)  CYLINLIGINNSEK + Oxidation (M)  VSVSVFYAETKAGIAEAK  VDCHLLVDEHALGVLGKTGR + Oxidation (M)  AGMUMEAVKE  DTGIFLIGIANNIFOGHILR  GTEALPTDGLR  SLIFFFFFLR  SLGTATMGGK + Oxidation (M)  VAVFGVNQEQLGSR  ENSVDESKQAGTQADAK  RASELGAGELFINSIDTOGTK  LVLAMMSLOGKLLSSGGK  VFGFWDPEPAAK  TVSIENAVHER  ELMNELAKKK + Oxidation (M)
	2451 301 1645 590 1669 1571 1571 1572 1566 2747 243 3335 2225 1179 1888 3126 3086 969 1196 2877 2341 1196 2775 2341 1128	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 445.9910 452.9124 680.3800 717.0422 422.2457 802.4171 875.938 768.3656 578.9810 1147.0700 393.5316 613.8229 637.8486 484.7379 523.2681 897.9128 723.0170 894.3524 897.9128 897	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2314 1225.6312 1273.6826 967.4612 1566.7825 1793.8110 2166.0292 1766.9952 1266.6958 1290.7186	1831.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1395.7157 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1775.736 1588.7191 1225.5034 1230.6819 967.4644 1566.7791 1793.8101 2166.0328 1786.9975 12626.6983 1290.7217	3.86 0.70 0.70 0.62 -3.21 1.12 -0.24 3.22 -2.58 2.29 0.45 0.73 -0.53 -0.53 -3.59 -3.59 -3.31 2.18 0.59 -1.22 -1.18 -1.18 -1.18 -1.18 -1.18	1 0 1 1 1 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 72 72 1.5e+002 1.4e+002 1.4e+002 1.3e+002 1.3e+002 20 1.4e+002 1.5e+002 1.4e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QQGFATQGINLGELVUIK AFRUBER  LATELHIMMEK + Oxidation (M)  IDAADGGRAPHGLISVCTR  HDPAAPLR  SRVSFFSQNVPK FFFEVQPAARAEK  QDIAVELNGMEK  EGFDULVAN  KEGFDUIVAGDGPTALVEFGK  IILVEGEA  GTLDAFATGFPELLNUVVAEEIR  FLAVEUVYTIGSSVER  FLAVEUVYTIGSSVER  HELMENFATIKH + Oxidation (M)  CTIMILIGTNYSK + Oxidation (M)  CTIMILIGTNYSK + Oxidation (M)  AGMMEAVER  VNSVFPVAETKAGIAEAK  TOCHLIVERAHELGVLGKTGR + Oxidation (M)  AGMMEAVER  VNSVSVEVITYDR  DIGIPLIQLANIENGOHILR  GTEALPPIDLE  SLIFTFNER  SLIFTATMGGK + Oxidation (M)  VAVESVNEGLISSE  EMSVDESKOAGVADADK  EASELLGARELPINS LDTOGTK  LVLAMSLDGTIALSGGK  VPGUMDFEPAAK  TVSLENAVMER
	2451 301 1645 2638 590 1571 1542 1566 2235 1179 1848 3126 3086 969 392 1887 2341 1196 2775 2341 1146 2775 2341 1146 2775 2341 247 3012 247 3012 3012 3012 3012 3012 3012 3012 3012	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 445.9910 452.9124 680.3800 717.0422 422.2457 802.4171 875.938 768.3656 578.9810 1147.0700 393.5316 613.8229 637.8486 484.7379 523.2681 897.9128 723.0170 894.3524 897.9128 897	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2314 1225.6312 1273.6826 967.4612 1566.7825 1793.8110 2166.0292 1766.9952 1266.6958 1290.7186	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1378.7157 1378.7157 1378.7157 1278.7157 1285.2603 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.6191 1273.8101 1266.0328 1766.9975 1262.6295 1266.6983	3.86 0.70 0.70 0.62 -3.21 1.12 -0.24 3.22 -2.58 2.29 0.45 0.73 -0.53 -0.53 -3.59 -3.59 -3.31 2.18 0.59 -1.22 -1.18 -1.18 -1.18 -1.18 -1.18	1 0 1 1 1 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 72 72 1.5e+002 1.4e+002 1.4e+002 1.3e+002 1.3e+002 20 1.4e+002 1.5e+002 1.4e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTLNANSAVVGANGKVULK  QGGFATQGINLGEIVUIK AFRUDHE  LATSLIHTMENK + Oxidation (M)  LATALLHTMENK + Oxidation (M)  LOADAGGGRHHEMLSVCTR  HDFDAFDLR  SKVSFFSGNVFK FFFGVQFAASAVK  QDIAVELNGHEK  EETVDELSVLAK  KEGFDVIVAGDGPTALVEFGK  LILIVEGEA  GTLNAFATGSDFLLNGVVAEEIR  FLAVEDVVTTGSSVEK  HELMKPATINK + Oxidation (M)  CYLINLIGINNSEK + Oxidation (M)  VSVSVFYAETKAGIAEAK  VDCHLLVDEHALGVLGKTGR + Oxidation (M)  AGMUMEAVKE  DTGIFLIGIANNIFOGHILR  GTEALPTDGLR  SLIFFFFFLR  SLGTATMGGK + Oxidation (M)  VAVFGVNQEQLGSR  ENSVDESKQAGTQADAK  RASELGAGELFINSIDTOGTK  LVLAMMSLOGKLLSSGGK  VFGFWDPEPAAK  TVSIENAVHER  ELMNELAKKK + Oxidation (M)
	2451 301 1645 2638 590 1669 1566 21566 22747 243 3335 2225 1179 1848 831 1950 969 1196 392 2775 2356 2275 2356 2275 2356 241 1146 1228 1247 3012	604.6851 922.5181 450.7448 694.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.427 875.4734 425.4738 768.3656 579.3686 1147.0700 133.5316 979.3646 143.6340 143	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1275.6312 1273.6326 967.4612 1586.7925 1766.9925 1766.9925 1766.9925 1776.9958 1296.6288 1297.64612 1273.6862 1274.6928 1276.9928 1286.6988 1290.7186 2257.2859 1195.5885	1831.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1395.7157 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1775.736 1588.7191 1225.5034 1230.6819 967.4644 1566.7791 1793.8101 2166.0328 1786.9975 12626.6983 1290.7217	3.86 (-2.58 (-2.	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 31.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 1.6e+002 2e+002 2e+002 1.1e+002		GTLNAMSAVVGANGKVULK QQGFATQINLGELVULK AFKVDER LIATELHTMEKK + Oxidation (M) LIADADGGRAPHGLEVCTR HDPDAPDLR SEVSPFSQNVPK FTFCVGPAARAFK QDIAVELNGMEK ENTVELSVLAK KEGGDUTVADGPTALVEFGK LILVEGEA GTLDAFATGFDFLLNGVVAEELR FLAVEDVYTIGESVURK LIELMERATIKH + Oxidation (M) CYLHLLGTNYSSK + Oxidation (M) CYLHLLGTNYSSK + Oxidation (M) AGBMERAVKR VDCHLLVDEAHSLGVLGKTGR + Oxidation (M) AGBMERAVKR VSTYPTATERAGIAEAK PDCHLLVDEAHSLGVLGKTGR + Oxidation (M) AGBMERAVKR SISTPFMFUR DTGTFLIQUANTEROGHLE GTEALPPTDGLE SSIFPFMFUR SSIFPFMFUR SSIGTATMEGR + Oxidation (M) VAVFGYNGEGLGSR LUNGHGRAFAGNAK EABELGAGELFINSIDTDGTK LVLLMABLOGGTLALSGGK VPGMWDEPBAK TYSTERAWURR ISIMMELSKIK + Oxidation (M) KNGLLLQARGVUTNETISFF + Carbamidomethyl (C)
	2451 301 1645 2638 590 1571 1542 1566 2235 1179 1848 3126 3086 969 392 1887 2341 1196 2775 2341 1146 2775 2341 1146 2775 2341 247 3012 247 3012 3012 3012 3012 3012 3012 3012 3012	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316 795.3640 1143.6340 613.8229 637.8486 897.9128 723.0170 894.5049 632.32681 897.9128 733.0170 894.5049 632.3197 644.3552 431.2468 753.4359 764.3552 763.4359 764.3552 764.3552 765.7991 642.8797 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 763.4359 764.3552 764.3552 764.3552 764.3552 764.3552 764.3552 764.3552 764.3552 765.3552	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1388.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2534 1225.6312 1273.6826 967.4612 1266.0292 1766.0292 1766.9952 1266.0292 1766.9952 1266.0295 1297.8859 1197.8836	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1222.1124 1777.936 1285.2604 1225.36819 1225.36819 1225.36819 1256.67931 1793.8101 1266.0328 1796.9975 1262.6295 1266.6938 1290.7217 2257.2769	3.86 (	1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 31.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 1.6e+002 2e+002 2e+002 1.1e+002		GTLNANSAVVGANGKVULK  QQGFATQGINLGELVULK  AFRUDER  LATELHTMENK + Oxidation (M)  IDADADGGRHHEMLSVCTR  HDPDAFDLR  SKVSFFSGNVPK  FTFGVQFAAEARK  QDIAVELNGMEK  ERTUDELSVLAK  KEGPDVIVAGDGPTALVEFGK  IILVEGEA  GTLDAFAGGPDFLLNGVVAEEIR  FLAVEDVTTGSSVRK  IELMERGATISTE + Oxidation (M)  CYLHLLGTNYSMK + Oxidation (M)  CYLHLLGTNYSMK + Oxidation (M)  AGMOMBAVKR  VESTPFLATERAGIAERK  VESTPFLATERAGIAERK  SIGFAFMELGVLGSTGR + Oxidation (M)  AGMOMBAVKR  UNISVERTHING OXIDATION  SISTEPPHULR  SIGFATMGGK + Oxidation (M)  VAVESUNGELLSSE  ENSUBESKOAGDADADK  EASELGAGELFINSIDTOTK  LVLAMELGAGIALSSGGK  VEGGMUPEPAAK  TUSIERAUWIR  ISLBARLSKLKK + Oxidation (M)  FNSILLDAAGVVUNCTISFK + Carbamidomethyl (C)  SAPILMSTDER
	2451 301 1645 2638 590 1571 1542 2245 2225 1179 3126 831 1950 3086 831 1950 392 2775 2356 2775 2341 1146 1228 3012 791 1247 3012 791 791 742	604.6851 922.5181 450.7448 694.3832 687.9828 543.2545 465.9160 603.3800 717.0422 442.2457 802.4171 875.4734 422.2457 789.9120 1147.0700 393.5516 795.3640 1143.6340 613.8229 637.8486 644.3552 533.2681 897.9128 233.0170 894.5049 632.3197 644.3552 431.2468 753.4389 580.7991 682.8702 588.7995	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7154 1358.7454 2148.1048 842.4768 8404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2534 1275.6736 1566.7825 1793.8110 2166.0292 1766.9952 1266.6288 1290.7186 2257.2899 1159.5836 1363.7258	1831.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1395.7157 1361.6980 1385.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1177.5736 1588.7191 2285.2604 1225.6303 1273.6819 967.4644 1566.7991 1793.8101 2486.0328 1786.9975 1226.6932 1226.6933 1229.7217 2257.2769 1159.5833	3.86 (-2.58 (-2.	1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 1 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 83 1.6e+002 72 72 1.5e+002 1.4e+002 1.3e+002 1.3e+002 1.3e+002 2.6e+002 2.6e+0		GTLANSAVVGANGKVULK OGGFATOGINLGELVULK AFKVDER LATSLIHTMERK + Oxidation (M) ILANDGGRAPHOLSVUTR HOPDAPDLR SEVSFSSGNVPK FTGVGPARAPK QDIAVELNGREK ERTVDELSVLAX KEGGDVIVAGDEPALVEFGK ILLVGCAB GTLANPATGFDELLNGVVAREIR FLAVEDVVTGGSVFK ILLWGCAB GTLANPATGFDELLNGVVAREIR FLAVEDVVTTGGSVFK ILLMGCATINK + Oxidation (M) CVINLLGTNYSSK + Oxidation (M) CVINLLGTNYSSK + Oxidation (M) SVSTPFATGTAGLARAK VDCHLLVDEAHSLGVLGKTGR + Oxidation (M) AGMMEANKR VRYSVNEVTNYDR DTGIFLIQIANNIROGGHIR GTGALEPFIDELS SSIFFFFFFFR SSIGTATMSGK + Oxidation (M) VAVSGTNGCGLGS ENSVDESKQAGTQADAK RASELGAGGLFINSIDTDGTK LVILAMSLGGRIALSSGGK VPGGWDFPAAK TVSIENAWURR ISLMNELSKLK + Oxidation (M) RNGLLLQAAGVVVNCTISFK + Carbamidomethyl (C) SAFIINSTDGR
	2451 301 1645 2638 590 1571 1542 2747 243 333 1225 590 1196 969 1196 392 2376 2376 2376 241 1146 241 241 241 241 241 241 241 241 241 241	604.6851 922.5181 450.7448 694.3832 687.9928 543.2545 465.9160 454.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316 795.3640 1143.6340 613.8229 637.8486 484.7379 523.2681 897.9128 723.0170 894.5049 623.3197 644.352 733.4359 642.872 733.4359 652.8792 658.7976 661.8043	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1277.5730 1285.2534 1275.6312 1273.6826 967.4612 1273.6826 967.4612 1273.6826 967.4612 1273.6826 967.4612 1273.6826 1290.7186 2295.2534 12	1811.0265 1899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1534.7160 1733.9199 2292.1242 1277.5736 1285.2604 1225.6303 1227.5801 1266.7971 1793.8101 1266.9375 1262.6295 1282.6393 1285.9303 1363.7282 1135.5808	3.86 0.70 -1.15 0.62 -3.21 -1.12 -0.25 2.29 0.45 0.71 0.80 0.71 0.80 0.80 0.80 0.80 0.81 0.81 0.81 0.8	1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 3 1.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.3e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.1e+002		GTLNANSAVVGANGKVULK  QQGFATQGINLGELVULK  AFRUBER  LATELHIMMEK + Oxidation (M)  IDANDGGFANGLENEVER  HEPDAPDLR  SRVSFFSQNVPK  FFFEVQPAARAPK  QDIAVELNGMEK  EGFUDELSULAN  KEGFDUTVAGDGPTALVEFGK  ILLVEGEA  GTLDAFAGFFDLLNAVVAREIR  FLAVEDVITGESVER  HELMFRATHIKH + Oxidation (M)  CTLALLGTNYSK + Oxidation (M)  CTLALLGTNYSK + Oxidation (M)  AGMOMEAVER  VMYSVEPVATHAGLARAK  YDCMLLVDERHELGVLGKTGR + Oxidation (M)  AGMOMEAVER  VMYSVEVTHYDR  DTGTFLIQLANIENGGHILR  SIGFATMGGK + Oxidation (M)  VMYSVEVTHYDR  LVLAMSLORGLER  EMSVDESKQAGTQADAK  RASELGAGELIPIS IDTOTK  LVLAMSLORGLER  VGSGMOPEPAAK  VUSTENGAVUTNCTISFK + Carbamidomethyl (C)  SAPILNSTERR  MYGGALANTIER  MYGGFALANTIER  MYGGFALANTIER
	2451 301 1645 2638 590 1571 1542 2747 243 333 1225 590 1196 969 1196 392 2376 2376 2376 241 1146 241 241 241 241 241 241 241 241 241 241	604.6851 922.5181 450.7448 694.3832 647.9828 543.2545 465.9160 4554.9071 452.9124 680.3800 717.0422 422.2457 802.4171 875.4734 425.2438 768.3656 578.9810 1147.0700 393.5316 795.3640 1143.6340 613.6340 648.4739 632.32681 897.9128 823.2681 823.2681	1811.0335 1843.0216 899.4750 1366.7518 2060.9266 1084.4944 1394.7262 1361.6995 1355.7154 1358.7454 2148.1048 842.4768 2404.2295 1748.9322 1272.7096 1534.7166 1733.9212 2292.1254 1177.5730 1588.7134 2285.2534 1295.66.7825 1793.8110 2166.6995 1266.6995 1266.6958 1290.7186 2297.2899 1195.8816 1290.7186 1237.7890 1237.5806	1811.0265 1843.0204 899.4726 1386.7541 2060.9190 1084.4938 1394.7307 1361.6980 1355.7157 1361.6980 1355.7157 1388.7405 2148.1103 842.4749 2404.2274 1748.9309 1272.7111 1553.7150 1282.5204 1277.5736 1588.7191 1285.2604 1275.6193 1273.6819 967.4644 1566.7791 1793.8101 2166.0328 1786.9975 1262.6295 1266.0328 1786.9975 1262.6295 1265.0381 1290.7217 2257.2769 1159.5833 1363.7282	3.86 (-2.54 (-2.	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	40 52 31.6e+002 76 1.5e+002 1.5e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.9e+002 1.e+002 2e+002 2e+002 2e+002 1.1e+002 1.5e+002 2e+002 1.1e+002 1.5e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002 1.3e+002 1.4e+002 1.4e+002 1.3e+002		GTLNANSAVVGANGKVULK QQGFATQGINLGEIVUK APRUDHE LATSLIHTMENK + Oxidation (M) IDADADGGRNHBHLSVCTR HDPDAFDLR SKVSFFSGNVFK FFFGVQFAARAK QDIAVELNGHEK EETVDELSVLAK KEGFDVIVAGDGPTALVEPGK IILVEGEA GTLDAFAGGPDFLINGVVAEEIR FLAVEDVVTTGSSVEK IILLGENGVTTGSSVEK ILLKERATIKH + Oxidation (M) CYLNLLGTNYSMK + Oxidation (M) VSVTPYAETKAGIAEAK VDCGLLIVEAHSLGVLGKTGR + Oxidation (M) AGMOMBAVKR DTGGIPLIQLNNIRDOGHIR GTEALPTDGLE SSISFFPFFFLR SLGTATMSGK + Oxidation (M) VAVFGVNGEGSGK VSGGWDFEPAAK TVSIERANGKLASSGK VSGWDFEPAAK TVSIERANWIR ISLINGASICHISTSK ISLINGASICHISTSK ISLINGASICHISTSK VSGRUDFEPAAK TVSIERANWIR ISLINGASICHISTSK RNUESGGAGTQADAK EASELGAGELFINSIDTDGTK LILLMANSLGGRLSSGGK VSGGWDFEPAAK TVSIERANWIR ISLINGASICHISTSGK RNUESGAGTQADAK EASELGAGELFINSIDTGTK LILLMANSLGGRLSSGGK VSGGWDFEPAAK TVSIERANWIR ISLINGASICHISTSGR RNUESGAGTQADATE SAFILMSTGGK RNUESGAGTQADATE SAFILMSTGR RNUESGAGTQADATE SAFILMSTGR RNUESGAGTQADATE SAFILMSTGR RNUESGAGTQADATE SAFILMSTGR RNUESGAGTQADATE SAFILMSTGR RNUESGAGTGATATLR SARANLEGTLAR SARANLEGT

☑ 1662									
			1392.7283		1		1.9e+002	1	LDTMAGKLTGTAAK + Oxidation (M)
☑ 926 ☑ 1752	725.8802		1211.6662 1449.7464		0	16 16	1.1e+002 1.5e+002	1	QFNLLHALEK QYGVNKIVTEGDK
	489.7667	977.5188	977.5182	0.68	0	16	2.8e+002	1	QFGEVLSAK
☑ 424	493.2867	984.5588	984.5604		o	16	1.8e+002	1	NLLPINSSK
☑ 1417			1322.6983		0	16	1e+002	1	LLYNFSPVNTR
☑ 1512			1347.7649		1	16	60	1	LIEEEFISKLK
2177	867.4750	1732.9354	1732.9359	-0.27	1	16	1e+002	1	YVELVQQSLELEKR
☑ 2606	1006.9940	2011.9734	2011.9698	1.81	0	16	1.4e+002	1	NLPLTNESDPLQNSDLDK
☑ 406	488.2447	974.4748	974.4781	-3.34	0	16	1.6e+002	1	GASLAADGSAR
☑ 1838		1526.6532		2.57	1	16	42	1	<pre>ICRESNCYEPEK + Carbamidomethyl (C)</pre>
2033			1672.8632		1	16	1.8e+002	1	TESAVPGKSTASAKPDK
☑ 1882			1564.7602		1	16		1	IWCAARASNSMVTR
☑ 678 ☐ 703 ☐			1122.5525	2.24	1		1.5e+002	1	KMEVMGVSSR
<ul> <li>         ∑ 781         </li> <li>         ¼ 7         </li> </ul>	361.7080		1158.5993 721.4010		1		2.2e+002 2.1e+002	1	EGETKIAAQGR LSLKDF
☑ 47 ☑ 1376			1311.6531		1	16	1.4e+002	1	IDENRLPQDGR
			1824.0291		1	16	52	1	LVVVGGMGKQDRPDIIK
□ 1128			1257.6214		ī		1.4e+002	1	RGADAWEAIGGR
☑ 2470		1856.8690		3.46	1		1.2e+002	1	VCVTAQRMVCCLMLCK + Carbamidomethyl (C)
☑ 2749	717.3626	2149.0660	2149.0725	-3.04	0	16	1.6e+002	1	ISLSFVEQDEVNLQQCLK + Carbamidomethyl (C)
☑ 1890	523.2682	1566.7828	1566.7790	2.38	1	16	1.7e+002	1	SVPREFYSGLAEGR
☑ 589	543.2513	1084.4880	1084.4897	-1.55	1	16	66	1	SSSSGDRAYR
☑ 367	475.7458	949.4770	949.4770	0.06	0	16	1.4e+002	1	YAFISHGR
☑ 534			1059.5634		0	16	2.9e+002	1	LCSLPESALK
☑ 1368		1307.6510		3.10	0	16	2e+002	1	NLDTVPGPGADPR
☑ 1886		1566.7825		2.19	1		1.6e+002	1	SVPREFYSGLAEGR
	743.6971			0.46	1	16	1.4e+002	1	GMTPFVPETGDWKLHNLDR + Oxidation (M)
		1796.9737	1796.9793	-3.14	1	16	1.1e+002	1	AIAMHKQHILLMYTK
	769.0611 479.3027	2304.1615 956.5908	956.5906	-3.94 0.22	0	16 16	1.4e+002 56	1	IIVVTMQGLQGGEMSVVGDDIK + Oxidation (M) VVLIDTGIK
☑ 383 ☑ 420	493.2509	984.4872	984.4876	-0.37	0	16	82	1	VNIEPNDGK
		1128.5438		2.43	0	16	1e+002	1	SHLLGDSSADK
2 1204			1278.5510		o	16	47	1	SEAEIQSDMNR
☑ 1590			1368.7038		1	16	1.5e+002	1	FVLEKDTAYOR
☑ 2388	602.6758	1805.0056	1805.0047	0.48	1	16	46	1	FLKADTVIISTGVTANR
☑ 2945		2228.0704		2.38	1	16	1.4e+002	1	AYSRGFTPHFPNSLDAGTYK
☑ 2966			2243.0780	-0.04	1	16	1.4e+002	1	QIIENCEYLLSNETKDFK + Carbamidomethyl (C)
☑ 850	593.3141	1184.6136	1184.6149	-1.08	0	16	1e+002	1	QKPGATDAEIR
☑ 1071	621.8218	1241.6290	1241.6299	-0.66	1	16	1.5e+002	1	VGSARHEAMLR + Oxidation (M)
☑ 1556		1355.7176		1.45	0	16	1.4e+002	1	AGGGAAAAAVAAAAASK
☑ 2169		1728.9268		2.07	1		1.1e+002	1	MEIQEGPKGPVFLIR + Oxidation (M)
		1761.9276		3.18	1		1.3e+002	1	ATASSTISADAAARALASK
			886.5058		1		1.5e+002	1	LPVMSGKR
☑ 1367			1307.6503		1		2.1e+002	1	ITGNIDTMRSGK + Oxidation (M)
<u> 508</u>			1044.5134		0	16	1.4e+002	1	QQLCQQAAR MPRYLSLMFPPLSAK
		1749.9374	1749.9310	3.70	1	16	94	1	
			1152.5411	-1.77	1	16	1.4e+002	1	DEASAKVYDR
☑ 1921	789.9023	1577.7900	1577.7897	-1.77 0.24	0	16 16	1.9e+002	1	DEASAKVYDR LTETTQSLSEQVSR
□ 1921     □ 2435	789.9023 916.5198	1577.7900 1831.0250	1577.7897 1831.0203	-1.77 0.24 2.58	0 1	16 16 16	1.9e+002 61	1	DEASAKVYDR LTETTQSLSEQVSR VEYNVLVGIRTAEQIK
<ul> <li>✓ 1921</li> <li>✓ 2435</li> <li>✓ 1154</li> </ul>	789.9023 916.5198	1577.7900 1831.0250 1264.6278	1577.7897 1831.0203 1264.6268	-1.77 0.24	0	16 16 16 16	1.9e+002 61 2.2e+002	1	DEASAKVYDR LTETTQSLSEQVSR
<ul> <li>№ 1921</li> <li>№ 2435</li> <li>№ 1154</li> <li>№ 26</li> </ul>	789.9023 916.5198 633.3212 350.6912	1577.7900 1831.0250 1264.6278	1577.7897 1831.0203 1264.6268 699.3664	-1.77 0.24 2.58 0.85	0 1 1	16 16 16 16 16	1.9e+002 61	1 1 1	DEASAKVYDR LIETTGSLSBQVSR VEYNVLVGIRTAEQIK VGKAMIMDTOR + Oxidation (M)
<ul> <li>№ 1921</li> <li>№ 2435</li> <li>№ 1154</li> <li>№ 26</li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180	1577.7900 1831.0250 1264.6278 699.3678	1577.7897 1831.0203 1264.6268 699.3664 2182.0212	-1.77 0.24 2.58 0.85 2.10	0 1 1	16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002	1 1 1	DEASAKVYDR LTETTOSLSEQVSR VEYNVLVGIRTAEQIK VGKAMINDTOR + Oxidation (M) RAGGEDK
<ul> <li>№ 1921</li> <li>№ 2435</li> <li>№ 1154</li> <li>№ 26</li> <li>№ 2827</li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119	1577.7897 1831.0203 1264.6268 699.3664 2182.0212	-1.77 0.24 2.58 0.85 2.10 0.11	0 1 1 1 0	16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002	1 1 1 1	DEASAKYIDR LITETTGSLEGUVSR VEWNLUGETRASCIK VGRAMINDTQR + Oxidation (M) RAGGFDK NICOMNRADLILITGGTGFSK
<ul> <li>         ■ 1921         ■ 2435         ■ 1154         ■ 26         ■ 2827         ■ 3037     </li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237	-1.77 0.24 2.58 0.85 2.10 0.11 1.60	0 1 1 0	16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002	1 1 1 1 1	DEASAKVYDR LTETTGSLSEQVSR VENVLUGETTASQIK VGRAMIMDTQR + Oxidation (M) RAGGDK NICOMNEADLILITGGTGFSK YMILLDGTMVLEDRLEGR + 2 Oxidation (M)
<ul> <li>✓ 1921</li> <li>✓ 2435</li> <li>✓ 1154</li> <li>✓ 26</li> <li>✓ 2827</li> <li>✓ 3037</li> <li>✓ 1194</li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549	-1.77 0.24 2.58 0.85 2.10 0.11 1.60	0 1 1 0 1	16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002 1.9e+002	1 1 1 1 1 1	DEASAKVYDR LITETYGLSEQVSR VEWNLUGHTASQIK VGRAHINDTQR + Oxidation (M) RAGGDK NICDENREADLLITTGGTGFSK YHILDGTHNVLEDRLEGR + 2 Oxidation (M) QGCALALANDER
<ul> <li>✓ 1921</li> <li>✓ 2435</li> <li>✓ 1154</li> <li>✓ 26</li> <li>✓ 2827</li> <li>✓ 3037</li> <li>✓ 1194</li> <li>✓ 2833</li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03	0 1 1 1 0 1 0	16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002	1 1 1 1 1 1 1	DEASAKVYDR LITETTGSLBEQVSR VENNLUGIRTARGIK VGRAMINDTQR + Oxidation (M) RAGGPDK NICONNEADLILITIGGTGFSK YMIIDDTMMLEDRIEGR + 2 Oxidation (M) QGCAALAANDLR SAQSKCKVLINHLAAAESR + Carbamidomethyl (C)
<ul> <li>✓ 1921</li> <li>✓ 2435</li> <li>✓ 1154</li> <li>✓ 26</li> <li>✓ 3037</li> <li>✓ 1194</li> <li>✓ 2833</li> <li>✓ 1776</li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27	0 1 1 0 1 0 0	16 16 16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002	1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETTGSLEEQVSR VENNLUGETRASQIK VGKAMIMDTQR + Oxidation (M) RAGGDM NICONNEADLILITGGTGFSK YMILDGTMMLEDRLEGR + 2 Oxidation (M) QCCAALAAWDLR SAQSMCWQULINHLAAAESR + Carbamidomethyl (C) DFLIVASSEEINR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C)
□ 1921     □ 2435     □ 1154     □ 26     □ 2827     □ 3037     □ 1194     □ 2833     □ 1776     □ 227     □ 818     □ 1012	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04	0 1 1 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 79	1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LIETTQSLSEQVSR VEWNLUGETRASQIK VGRAMINDTQR + Oxidation (M) RAGGDM NICDENREADLLITTGGTGFSK YMILDGTNMYLEDRLEGR + 2 Oxidation (M) QGCALALAMDLR SAQSNCNQVLINHLAARSR + Carbamidomethyl (C) DETLIVASSEEINR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C) RMEVSGAHALR
<ul> <li>№ 1921</li> <li>№ 2435</li> <li>№ 1154</li> <li>№ 26</li> <li>№ 2827</li> <li>№ 3037</li> <li>№ 1194</li> <li>№ 2833</li> <li>№ 1776</li> <li>№ 227</li> <li>№ 818</li> <li>№ 1012</li> <li>№ 540</li> </ul>	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02	0 1 1 0 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002 3.3e+002 79 1.5e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETTGSLEGUVSR VERNIUGHTRASGIK VGKAMINDTOR + Oxidation (M) RAGGFDK NICONNEADLILITGGTGFSK YMILDGTMMYLEBRLEGR + 2 Oxidation (M) QGCALLAMDLR SAQSNCNQVLINHLABAESR + Carbamidomethyl (C) DFLIVASSERINR IVLEDQ DSGHTVLCOR + Carbamidomethyl (C) RMEVSGAHALR VGDMDFVGK
1921   2435   1154   265   2827   3037   1194   2833   1776   227   818   1012   540   2368	789.9023 916.5198 633.3212 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 899.9897	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 1292.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1797.9648	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55	0 1 1 0 1 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 3.3e+002 79 1.5e+002 1.6e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LIETTQSLSEQVSR VENNUNGIRTAEQIK VGKAMIHDTQR + Oxidation (M) RAGGPM NICDNNEADLLITTGGTGFSK YMILDGTNNVLEDRLEGR + 2 Oxidation (M) QCCALLANDLR SAQSNCNQVLINHLAARESR + Carbamidomethyl (C) DFILTVASSEEINR IVLLEDQ DSGHLYLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDINDFVGK SLGSGASGGGGAGLAGALSAK
1921   2435   1154   26   2827   3037   1194   2833   1776   227   818   1012   540   2368   2006   2368   2006	789.9023 916.5198 633.3212 350.6912 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 899.9897 824.8830	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 10797.9648 1647.7514	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 3.55 -2.93	0 1 1 0 1 0 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 79 1.5e+002 1.6e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LTETTOSLSEQVSR VEWNLUGETRASQIK VGKAMINDTOR + Oxidation (M) RAGGEDK NICDNNEADLILTTGGTGFSK YMILDGTMMYLEDRLEGR + 2 Oxidation (M) QGCALLANDLR SAQSNCQVLINHLAAASSR + Carbamidomethyl (C) DFLIVASSEEINR IVLEDQ DSGHIVLCOR + Carbamidomethyl (C) RMEVSGAHALR VGDLMDFVGK SLPPSGASGGLGGLAGALSAK GTLGYGYMKSDVSDR
1921   2435   2435   26   2827   3037   1194   2283   1776   227   818   1012   540   2368   2006   3020	789.9023 916.5198 633.3212 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 899.9897 824.8830 754.0877	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1797.9648 1647.7514 2259.2413	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93	0 1 1 0 0 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 79 1.5e+002 1.6e+002 1.6e+002 1.6e+002 1.5e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETTGSLBEQVSR VENNLGRITARGIK VGKAMINDTQR + Oxidation (M) RAGGPEK VICTURE
1921   2435   2435   2154   26   26   2827   2833   2776   277   2838   2776   26   26   26   26   26   26	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 899.9897 824.8830 754.0877 534.2494	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1797.9648 1647.7514 1066.4842	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 328.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1066.4825	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60	0 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.5e+002 1.5e+002 1.6e+002 1.6e+002 1.2e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LITETYGLSEQVSR VEWNLUGHTARQIK VGKAMINDTQR + Oxidation (M) RAGGDM NICDNNEADLILITGGTGFSK YMILDGTNMYLEDNLEGR + 2 Oxidation (M) QCCALAANDLR SAQSNCNQVLINHLAAAESR + Carbamidomethyl (C) DETLIVASSEEINR IVLLEDQ DSGHLVL_CDR + Carbamidomethyl (C) RMEVSGAHALR VGDLMDFVGK SLDSGASGGLGAGLAGALSAK GTLGYGYMKSDVBDR QWFLFFGLAGQAWLARLHAK SMTESGRR + Oxidation (M)
1921   2435   2435   265   2827   297	789.9023 916.5198 633.3122 350.6912 1092.0180 757.377 728.3611 498.2595 415.236 415.236 532.2735 899.9897 824.8830 754.0877 534.2494 667.3726	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1077.9648 1647.7514 2259.2413 1066.4842 1066.4842 1066.4842	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1066.4825	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 1.31	0 1 1 0 0 0 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.6e+002 1.2e+002 1e+002 1e+002 1e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETTGSLEGUVSR VERNIUGHTRAEGIK VGKAMIHDTOR + Oxidation (M) RAGGDEK NICOMNEADLILITGGTGFSK YMILDGTMMYLEDRLEGR + 2 Oxidation (M) QCCALLAMDER SAQSNCNQVLINHLABAESR + Carbamidomethyl (C) DFLIVASSEINR IVLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMVSGANALR VGDLNDFVGK SLEGSGASGGLGAGLAGALSAK GTLGGTMYSDVSDR QWPLFFGLAGQAMLARLHAK SMTESQRGR + Oxidation (M) KIEGIIYGTDEK
1921   2435   2435   26	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 949.2595 415.2369 586.2806 613.8225 532.2735 899.9897 824.8830 754.0877 534.2494 667.3726 5992.3419	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1279.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039	1577.7897 1831.0203 1264.6268 699.3664 2182.0312 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1064.825 1332.7289 1774.0063	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 3.55 -2.93 -0.72 1.60 1.31 -1.34	0 1 1 1 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.2e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LIETTQSLSEQVSR VENNLOGRITASQIK VGRAMINDTQR + Oxidation (M) RAGGDM NICDNNEADLLILTGGTGFSK YMILLDGTNNVLEDRLEGR + 2 Oxidation (M) QGCALLAMDLR SAQSNCNQVLINNLAARSSR + Carbamidomethyl (C) DEILVASSEEINR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDIMDFVGK SLGSGSAGGLAGGLAGALSAK GTLGYGTMSSDVSDR QWLEPGLAGQAMLARLHAK SMTESQRGR + Oxidation (M) KIEGIIYGTDFK VVLGWKLLDFSCNLIK
1921   2435   2435   26	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 899.9897 824.8830 754.087 534.2494 667.3726 592.3419 586.3378	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1797.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1775.9916	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1775.9915	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 1.31 -1.34 -0.06	0 1 1 1 0 0 0 0 0 0 0 1 0 0 0 1 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.6e+002 1.2e+002 1e+002 1e+002 1e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETTGSLEGUVSR VERNIUGHTRAEGIK VGKAMIHDTOR + Oxidation (M) RAGGDEK NICOMNEADLILITGGTGFSK YMILDGTMMYLEDRLEGR + 2 Oxidation (M) QCCALLAMDER SAQSNCNQVLINHLABAESR + Carbamidomethyl (C) DFLIVASSEINR IVLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMVSGANALR VGDLNDFVGK SLEGSGASGGLGAGLAGALSAK GTLGGTMYSDVSDR QWPLFFGLAGQAMLARLHAK SMTESQRGR + Oxidation (M) KIEGIIYGTDEK
1921   2435   2435   26	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 581.2829 582.2735 899.2877 824.8830 754.0877 534.0877 552.3419 566.3419 566.3419	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1797.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1775.9916	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7559 828.4593 1170.5452 1225.6349 1062.5346 1797.9985 14647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1775.9917 1557.8511	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 1.31 -1.34 -0.06	0 1 1 1 0 0 0 0 0 0 0 0 1 1 0 0 1 1 1 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.6e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 55 82 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LTETTQSLSEQVSR VEWNLUGHTRASQIK VGKAMINDTQR + Oxidation (M) RAGGPDK NICDNNEADLILTTGGTGFSK YMILDGTMMYLEDRLEGR + 2 Oxidation (M) QGCALLAMDLR SAQSNCMOLINHLAAASSR + Carbamidomethyl (C) DFLIVASSEEINR IVLEDQ DSGHIVLCDR + Carbamidomethyl (C) RMEVSGAMALR VGDLMDFVGK SLPGSGASGGLGGLAGLSAK GTLGTGYMKSDVSDR QWPLFFGLAGQAMLARLHAK SMTESGRGR + Oxidation (M) KIEGIIYGTDPK VVLGYKILDPSCNLLK CSILOGNDWVAIKVIK + Carbamidomethyl (C)
1921   2415	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 899.9997 824.8830 754.0877 534.2494 667.3726 592.3419 586.3378 754.9326	1577.7900 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1074.0331 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0583	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7559 828.4593 1170.5452 1225.6349 1062.5346 1797.9985 14647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1775.9917 1557.8511	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 1.31 -1.34 -0.06 -0.29 2.29	0 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 3.3e+002 79 1.5e+002 1.2e+002 1.2e+002 1.4e+002 1.4e+002 1.5e+002 1.5e+005 55 82 1.5e+005 55	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKYYDR LIETTQSLSEQVSR VEYNVLVGTRTAEQIK VGKAMIHDTQR + Oxidation (M) RAGGPM NICDENEADLLITTGGTSFK YMILLDGTNMVLEDRLEGR + 2 Oxidation (M) QCCALLAMDLR SAQSNCNVLINHLARAESR + Carbamidomethyl (C) DFLIVASSELTNR IVLLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDLNDFVGK SLFSGGASGGGAGLAGALSAK GTLGYGYMKSDVSDR QWLDFGLAGQAMLARHAK SMTESQRGR + Oxidation (M) KLESLITGTDFK VVLGYKILDPSCNLLK CSILGQRDVAIRVIK + Carbamidomethyl (C) TVLDLLEHNLFA
1921   2435   2435   2645   2827   2827   275	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2369 586,2806 613,825 532,2735 899,987 824,8830 754,0877 534,2487 552,3419 566,378 67,372 6	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 2182.0615 1491.7567 828.4592 1170.5466 1062.5524 1797.9648 1647.7514 2259.2413 1032.7306 1774.0039 1775.9916 1507.8506 1507.8506	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1757.8917 1774.0063 1755.9917 1507.8511 1887.05511	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 1.31 -0.06 -0.29 2.29 3.10	0 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.2e+002 1.5e+002 1.5e+002 1.6e+002 1.9e+002 1.6e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002 1.3e+002 1.5e+005 582 1.3e+005 582 1.3e+005 582 1.3e+005 582 1.3e+005 582 1.3e+005 584 584 584 585 586 586 586 586 586 586 586 586 586	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LTETTQSLSEQVSR VEWNLUGHTASQIK VGKAMINDTQR + Oxidation (M) RAGGDM NICDNNEADLILTTGGTGPSK YMILDGTNMYLEDRLEGR + 2 Oxidation (M) QCCALLANDUR SAQSNCNQVLINHLAAASSR + Carbamidomethyl (C) DFLIVASSEEINR IVLLEDQ DSGHLVLCDR + Carbamidomethyl (C) RMEVSGHABLR VGDLMDFVKK SLESGRASGGGGGGLAGLAGASAK GTLGYGYMKSDVSDR QWFLFFGLAGQAMLARLHAK SMTESGRR + Oxidation (M) KIRGIIYGTDFK VVLGWKLLDFSCNLLK CSILGQNDVVAIKVIK + Carbamidomethyl (C) TVLDLLEHDNLFA PDYVGSVLLLICALQVK + Carbamidomethyl (C)
1921   2436   2456	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.236 586.2806 613.8235 532.2735 899.9897 824.8830 754.0877 534.2494 667.3726 592.3419 586.3378 754.937 674.936 671.7530	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1079.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0583 2339.1434	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1025.5346 1797.9585 1647.7563 2259.2429 1032.7289 1774.063 1775.9917 1507.8511 1507.8511 1507.8511	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.5 -2.93 -0.7 -2.04 1.31 -1.34 -0.06 -0.29 2.29 2.29 -0.72	0 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETTGLEEQVSR VERNINGERTAEGIK VGKAMINDTOR + Oxidation (M) RAGGDUK NICORNEADLILITGGTGFSK YMILDGTHMYLEDRLEGR + 2 Oxidation (M) QCCALLAMDLR SAQSNCNQVLINHLARAESR + Carbamidomethyl (C) DFLIVASSERINR IVLLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMSVSGARALR VGDLNDFVUK SLEGSGASGLGGLAGALSAK GTLGGTMYSDVSDR QWDLFFGLAGGAMLARLHAK SMTESQRGR + Oxidation (M) KLEGIIYGTDEK VVLGYKLLDFSCHLIK CSILGOMOVAIKVIK + Carbamidomethyl (C) TVLDLLEHDNLFA FDYVGSVLLLLCALQVK + Carbamidomethyl (C) MSTNEDVLLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDFPETVMWNTHR + Oxidation (M)
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2239 532,2735 599,997 724,8830 754,0877 534,294 667,3726 592,3419 586,3348 754,0877 754,0877 754,0877 754,0877 754,0877 754,0877 754,0877 754,0877 754,754 1170,5790 567,7630 867,7630	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1097.9648 4647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0833 1331.5134 1133.5114 1732.9358	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0519 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1774.0063 1755.9917 1507.8511 1887.0540 2133.5135 1732.2393	-1.77 0.24 2.58 0.85 2.10 0.11 1.60 -3.20 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 -0.31 -1.31 -1.34 -0.06 -0.29 2.29 3.10 -1.80 -0.00 -0.18	0 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LIETTQSLSEQVSR VEENVLVGIRTAEQIK VGKAMIHDTQR + Oxidation (M) RAGGPM NICDENEADLLITTGGTGFSK YMILDGTNNVLEDREGR + 2 Oxidation (M) QCCALLANDLR SAQSNCNQVLINHLAARESR + Carbamidomethyl (C) DFILTVASSEEINR IVLLEDQ DSCHIVLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDINDFVGK SLESGASGGIAGGLAGALSAK GTLGYGYMKSDVSDR QWLFFGLAGQAMLARLHAK SMTESQAGR + Oxidation (M) KIEGITYGTDFK VVLGYKILDPSCNLLK CSILOQNDVALTKVIK + Carbamidomethyl (C) TVLDLLHENNIFA PDYVOSVLLLLCALQVK + Carbamidomethyl (C) MSTNDDLUPPETVMNTHR + Oxidation (M) NQEOMEALR + Oxidation (M) NGEOMEALR + Oxidation (M) INDIFACKGVTEALGTK LPRSGGKK
1921   2415   2415   2416	789,9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 586.2806 613.8235 532.2735 699.997 724.8837 754.0877 534.2494 667.3726 592.3419 886.3378 754.9326 630.0267 1170.790 567.6790 867.4752 415.2295 594.7954	1577.7900 1831.0250 1831.0250 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1079.9648 1647.7514 2259.2413 1066.4942 1332.7306 1774.0039 1755.9916 1507.8506 1887.0563 2339.1434 1133.5114 1732.9358 828.4444	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9985 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1775.9917 1507.8511 1887.0540 2339.1362 13131.5135 1732.9359 828.4454	-1.77 0.24 0.85 0.85 0.10 1.60 -3.20 0.11 1.60 -3.20 -0.15 -0.03 1.60 -2.20 1.60 1.31 -1.34	0 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 0 1 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 2.2e+002 2.2e+002 1.2e+002 2.2e+002 1.2e+002 2.2e+002 1.2e+002 2.2e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LITETQSLSEQVSR VERNINGRITASQIK VGKAMINDTQR + Oxidation (M) RAGGDK NICDNNEADLILITGGTGFSK YMILDGTNMYLEDRIEGR + 2 Oxidation (M) QCGALAADUR SAQSNCNQVLINHLAARSSR + Carbamidomethyl (C) DEFLIVASSEEINR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C) RMEVSGHALR VGDIMDFVGK SLGSGSAGGIGAGLAGALSAK GTLGYGYMKSDVSDR QWFLFFGLAGQAMLARLHAK SMTESQRR + Oxidation (M) KIRGIIYGTDFK VVLGVKLLDFSCHLIK CSILGQNDVVAIKVIK + Carbamidomethyl (C) TVLDLLEHNIFA PDYVGSVLLLCALQVK + Carbamidomethyl (C) MSTNRDVLDFSCHLLAGALGVK + Carbamidomethyl (C) MSTNRDVLDFSCHLAGALGIC (M) NGONGELR + Oxidation (M) INDIFAGKGVTEAIGTK LFRGGGKK KHADINLMCK + Oxidation (M)
1921   2415   24	789,9023 916,5198 633,3212 350,6912 1092,6880 757,3779 637,8171 728,3611 498,2595 415,2399 586,2806 613,8235 532,2735 899,987 724,8830 754,0877 534,2494 667,3726 673,7294 673,7294 673,77630 886,3378 754,9326 630,0267 1170,5799 567,4752 415,2295 594,7954	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1797.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1775.9916 1507.8506 1887.0831 2339.1434 1133.5114 1732.9358 828.4444 1144.4994	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1270.545	-1.77 0.24 0.85 2.10 0.81 1.60 0.3.20 0.03 0.15 -0.03 0.15 -0.03 3.03 -0.15 -2.04 3.55 -2.93 -0.06 1.31 -1.34 -0.06 -0.29 3.10 -1.80 -1.80 -1.10 -2.38	0 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.2e+002 1.2e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVIDR LITETICALSEQUER VERNINGERTASCIK VORAMINDTOR + Oxidation (M) RAGGEDK NICONNEADLILITIGGTGFSK YMILDGTHMYLEDRLEGR + 2 Oxidation (M) QCCALLANDLR SAQSNCNOVLINHLARAESR + Carbamidomethyl (C) DFLIVASSERINR IVLEDQ DSGHTVLCOR + Carbamidomethyl (C) RMEVSGHALR VGDLNDFVGK SIPGSGASGLGGLGGLAGLSAK GTLGGTWHSDVEDR QWPLFFGLAGQAMLARLHAK SMTESGWGR + Oxidation (M) KIEGIIYGTDFK VVLGYKILDFSCHLIK CSILGQMOVAIKVIK + Carbamidomethyl (C) TVLDLLEHNNLFA PDYVGSVLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDPEIVMNNTHR + Oxidation (M) NOEQUEALR + Oxidation (M) NOEQUEALR + Oxidation (M) INDIFACKGYFEAIGTK LPEGSGMK KHADINLMCK + Oxidation (M) CASSEVINGR + Oxidation (M) CASSEVINGR + Oxidation (M) CASSEVINGR + Oxidation (M) CASSEVINGR + Oxidation (M)
1921   24   25   26   26   27   26   27   27   27   27	789.9023 916.5198 633.3212 350.6912 1092.0180 757.3779 637.8171 728.3611 498.2955 415.236 552.2735 899.987 824.883 754.0877 534.2494 667.3726 592.3419 586.3378 754.0877 534.7876 592.3419 586.3378 754.9326 630.0267 1170.5790 567.7630 867.4752 415.2295 594.7954	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1097.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0583 2339.1434 11732.938 828.4444 1187.5762	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7559 828.4593 1170.5452 1225.6349 1062.5346 1797.9985 1647.7563 2259.2429 1774.0063 1755.9917 1507.8511 1887.0540 2339.1362 1331.7329 2381.3133.732 2381.4145.505 2284.4454 1187.5991	-1.77 0.24 0.26 0.26 0.26 0.26 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27	0 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.2e+002 1.2e+002 1.6e+002 1.5e+002 1.6e+002 1.5e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LIETTQSLSEQVSR VERNILOGRITASQIK VGEAMINDTQR + Oxidation (M) RAGGDM NICONNEADLLILTGGTGFSK YMILLDGTNMVLEDRLEGR + 2 Oxidation (M) QGCALLAMDLR SAQSNCNQVLINHLAARSSR + Carbamidomethyl (C) DEILVASSEENR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDINDFVGK SLJSGSAGGLAGGLAGALSAK GTLGYGTMSSUVSDR QWLEPGLAGQAMLARLHAK SMTESGRGR + Oxidation (M) KIEGIIYGTDK VLGWALLDPSCHLIK CSILGQNDVAIKVIK + Carbamidomethyl (C) MSTNEDVLEPKLER PDYVGSVLLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDPFELIVMNVTHR + Oxidation (M) NDEQUEAL P Oxidation (M) INDIFAGKGYTEAIGTK LERGSGK KHADINLMCK + Oxidation (M) CASSFVTMOR + Oxidation (M) CASSFVTMOR + Oxidation (M) TGILEVILMNGGVTHENDER + Oxidation (M) TGILEVILMNGGVTHENDER + Oxidation (M) TGILEVILMNGGVTHENDER + Oxidation (M)
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 7728,3611 498,2595 415,2369 586,2806 613,8235 532,2735 889,9897 824,8830 754,0877 534,2494 667,3726 592,3419 586,3378 754,9326 630,0267 1170,5790 567,7630 887,4752 415,2295 594,7954 573,2570	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 2123.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1066.4842 1332.7306 1774.0039 1775.9916 1507.8506 1887.0583 2339.1434 1133.5114 1732.9338 828.4444 1187.5762 1144.4994 2424.2254	1577.7897 1831.0203 1824.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0349 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1775.9917 1507.8511 1887.0540 2339.1362 1133.5135 1732.9399 828.4544 1187.5791 1144.5005 2424.2206 1238.6586	-1.77 0.24 0.85 2.10 0.85 2.10 0.11 1.60 3.03 -0.15 -2.02 3.55 -2.93 -2.07 1.60 -0.09 1.31 -1.34 -0.06 -0.09 -1.10 -1.14	0 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LTETTQSLSEQVSR VEWNLUGHTRASQIK VGKAMINDTQR + Oxidation (M) RAGGPDK NICDNNEADLILTTGGTGFSK YMILDGTNMYLEDRLEGR + 2 Oxidation (M) QGCALLAMDLR SAQSNCWQULINHLARAESR + Carbamidomethyl (C) DFLIVASSEEINR IVLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMSVSGAHALR VGDLMDFVCK SLPGSGASGGLGGGLAGALSAK GTLGGYGMSDVSDR QWPLFFCLAGQAMLARLHAK SMTESGNGR + Oxidation (M) KIRGITYGTDFK VVLGYKILDPSCNLK CSILOQADVVAIKVIK + Carbamidomethyl (C) TVLDLLHFNLFA PDYVGSVLLLICALQVK + Carbamidomethyl (C) MSTNEDULDFERLYMYNTHR + Oxidation (M) NNEOMEALR + Oxidation (M) INDIFACKOVTEAIGTK LPRGSGDK KHADTNLMCK + Oxidation (M) CASSFVTMQR + Oxidation (M) TGLEVIKNMGGGVTENYDSK + Oxidation (M) HUTIEVIKNMGGGVTENYDSK + Oxidation (M) AMLHTPAPOSER
1921   2435   2485	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2369 552,2735 599,987 724,8830 754,0877 534,284 630,027 1170,5790 567,4752 630,027 1170,5790 1271,7630 867,4752 415,2255 594,1875 754,9326 630,027 1170,5790 557,7630 867,4752 415,2295 594,7830 657,3736 123,1200 650,333 651,31200 650,333	1577.7900 1831.0250 1831.0250 1824.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1097.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0583 2339.1343 1133.5114 1732.9358 828.4444 1184.5762 1298.6920 1340.7346	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 22699.1082 1273.6237 2182.0519 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1764.0063 1755.9917 1507.8511 1887.0540 2339.1362 1133.5135 1732.2939 2828.4454 1184.5095 2424.2266 1298.6956	-1.77 0.24 0.85 0.85 0.85 2.10 0.11 1.60 0.01 3.03 -0.15 -0.03 1.27 -2.04 -2.02 3.55 -2.93 -0.72 1.60 -0.29 2.29 3.10 -1.80 -0.10 -1.80 -0.10 -1.80 -0.10 -1.80 -0.10 -1.80 -0.10 -1.80 -0.10 -1.80 -0.10 -1.80 -1.90 -1.90 -1.90 -1.90 -1.90 -1.90 -1.90 -1.90	0 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 61 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002 1.3e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.7e+002 1.7e+002		DEASAKVYDR LIETTQSLSEQVSR VENNLNGIRTARQIK VGKAMINDTQR + Oxidation (M) RAGGDM NICDNNEADLLILTGGTGFSK YMILLDGTNNVLEDRLEGR + 2 Oxidation (M) QCCALALANDLR SAQSNCNQVLINNHAARESR + Carbamidomethyl (C) DFLTVASSEINR IVLLEDQ DSCHIVLCOR + Carbamidomethyl (C) RMEVSGAHALR VGDIANDFVCK SLPSGSAGGLAGGLAGALSAK GTLGGTNMSDVSDR QWLPFGLAGGAMLARLHAK SMTESQNGR + Oxidation (M) KIEGIIYGTDF VULGKHLDPSCHLIK CSILOQNDVALKVIK + Carbamidomethyl (C) TVLLLLHNINFA PDYVGSVLLLLCALOVK + Carbamidomethyl (C) MSTNDVLDPFFLWNNTHR + Oxidation (M) NDEOGRALR + Oxidation (M) INDIFACKOVERJOTK LPRSGSK KHADINLMCK + Oxidation (M) CASSFVHQR + Oxidation (M) TGILEVIKNNGGQVTIENYDSK + Oxidation (M) AHLHTPAPGSRR HSILARAMLARR + Oxidation (M) HSILARAMLARR + Oxidation (M)
1921   2415   2455	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2369 586,2806 613,8225 532,2735 899,997 824,8830 754,0877 554,2944 667,3726 592,3419 586,3378 754,9326 630,0267 1170,5790 567,7630 867,4752 415,2295 594,2295 595,77630 867,4752 415,2295 595,77630 867,4752 415,2295 595,77630 867,4752 415,2295 595,77630 867,4752 415,2295 595,77630 867,4752 415,2355 415,235	1577.7900 1831.0250 1831.0250 1831.0250 1899.3678 2182.0214 2269.1119 2173.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1062.5324 1077.9648 1647.7514 2259.2413 1067.58506 1874.0039 1774.0039 1775.9916 1507.8506 1887.0853 2339.1434 11732.9358 288.4444 1187.5762 1144.4994 2424.2224 1298.6920 1340.7346	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6227 2182.0549 1491.7569 828.4593 1170.5452 1275.6349 1062.5346 1797.9585 1647.7563 2259.2429 1064.4255 1332.7289 1774.0063 1775.9917 1507.8511 1887.0540 2339.1362 1313.5135 1732.9359 828.4454 1897.5991 1144.5005 2424.2206 1298.6956 1240.7347	-1.77 0.24 0.85 0.85 2.10 0.11 1.60 0.01 1.30 0.01 1.27 -0.03 1.27 -0.03 1.27 -0.04 1.31 1.60 -0.06 -0.29 2.10 2.10 -1.13 -1.80 -0.06 -1.13 -1.90 -1.19 -1.90 -1.1	0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 0 0	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.4e+002 1.7e+002 1.4e+002 1.7e+002 1.7e+002 1.7e+002		DEASAKVYDR LITETQSLEEQVSR VERNINGGRTARQIK VGKAMINDTQR + Oxidation (M) RAGGDK NICDNNEADLILITGGTGFSK YMILDGTNMYLEDRIEGR + 2 Oxidation (M) QCGALAANDLR SAQSNCNQVLINHLAARESR + Carbamidomethyl (C) DETLIVASSEENR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C) RMEVSGHALR VGDIMDFVCK SLUGGSAGGLAGGLAGALSAK GTLGYGYMKSDVSDR QWFLFFGLAGGAMLARLHAK SMTESGRR + Oxidation (M) KIRGIIYGTDFK VLUGWKLDFSCHLK CSILGQNDVVAIKVIK + Carbamidomethyl (C) TVLDLEHPNIFA PDYVGSVLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDFCHLAGALGIA (M) NDGQUEALR + Oxidation (M) INDIFAGKGYTEAIGTK LFRGGGRK KHADINLMCK + Oxidation (M) CASSFVTMOR + Oxidation (M) CASSFVTMOR + Oxidation (M) AHLHTPAPGSRR HSITAASMLARR + Oxidation (M) DQALLPLYASSMAK + Oxidation (M)
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2399 586,2806 613,823 532,2735 899,997 224,8830 754,0877 534,294 667,3726 67,3726 630,0267 1170,5790 567,7630 867,4752 415,2295 594,7954 573,2570 1213,1200 650,3333 671,3746 458,2540 599,2653	1577.7900 1831.0250 1831.0250 1831.0250 1829.0214 2629.1119 1273.6196 2182.0215 1491.7567 828.4592 1170.5466 1225.6324 1079.9648 1647.7514 2259.2413 1066.4842 1332.7306 1577.4039 1774.0039 1775.9916 1507.8506 1887.0833 2339.1434 1133.5114 1137.5762 1144.4594 2424.2254 1238.62920 1340.7346 1371.7402	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6337 2182.0519 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1774.063 1735.9917 1507.8511 1887.0540 2339.1362 1331.535 1732.2399 828.4454 1187.7991 1144.5005 2424.2206 1238.6956 1340.7347 1371.7432	-1.77	0 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.2e+002 1.3e+002		DEASAKYYOR LIETTQSLSEQVSR VEENVLVGIRTAEQIK VGEAMINDTQR + Oxidation (M) RAGGPBK NICOMNEADLLITTGGTGFSK YMILLDGTNMVLEDRIEGR + 2 Oxidation (M) QCCALLANDLR SAQSNCNQVLINHLAAAESR + Carbamidomethyl (C) DDIIVASSEEINR IVLLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMSVGGAHALR VGDLNDFVGK SLGSGGASGIGAGIAGALSAK GTLGYGTMKSDVSDR QWDLFDFLAGQAMLARLHAK SMTESQRGR + Oxidation (M) KISGIIVGTDPK WVLGYKILDPSCNLLK CSILGQNDVALKVIK + Carbamidomethyl (C) TVLLLLHNIFA PDYVOSVLLLLCALGVK + Carbamidomethyl (C) MSTNRDULPPETVMNTHR + Oxidation (M) NGEOMEALR + Oxidation (M) CASSVYTMG + Oxidation (M) CASSVYTMG + Oxidation (M) CASSVYTMG + Oxidation (M) TGLEVIKNINGGQVTIENYDSK + Oxidation (M) AHHIFPAFGSRR HSILAASMLARR + Oxidation (M) DQALLPIVASGMX + Oxidation (M) AFVDHEPEGGRTR
1921   241   242   243   243   245	789,9023 916.5198 916.5198 916.5198 1092.0180 757.3779 637.8171 728.3611 498.2595 415.2369 566.2806 613.8235 532.2735 899.987 524.8830 754.0877 534.2494 667.3726 592.3419 586.3378 754.926 630.0267 1170.5790 587.3726 594.7954 594.7954 594.7954 594.7954 593.357 645.257 64	1577.7900 1831.0250 1831.0250 1849.3678 1820.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1079.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0583 2333.1434 1732.9358 828.4444 1875.7562 1144.4994 2424.2254 1298.6920 1340.7346 1371.7402 1524.1794	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 1259.2429 1066.4825 1332.7289 1774.0063 1755.9917 1507.8811 1887.0540 2339.1362 13187.5791 1244.5005 2244.2206 1298.6956 1340.7347 1371.7432 1524.7179	-1.77 0.24 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85	0 1 1 0 0 0 0 0 0 1 1 1 1 1 0 1 0 0 1 1 1 0 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEASAKVYDR LIETTQSLEEQVSR VERNINGTRIAEQIK VGERAHINDTQR + Oxidation (M) RAGGDM NICDENRADLLITTGGTGFEK YHILDGTHNVLEDRLEGR + 2 Oxidation (M) QGCALAAMDLR SAQSNCNQVLINHLAARESR + Carbamidomethyl (C) DEILVASSEEINR IVLLEDQ DSGHIVLCDR + Carbamidomethyl (C) RHEVSGAHALR VGDINDFVGK SLUSGSAGGLAGGLAGALSAK GTLGYGTMCSDVSDR QWLEPGLAGQAMLARLHAK SHTEGITYGTDEK VLGWTLLEDFSCHLIK CSILGQNDVAIKVIK + Carbamidomethyl (C) MSTNEDVLEPKLLENLER LYLLERNIFA PDYVGSVLLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDFVELVENVNTHR + Oxidation (M) NDEQUEAL + Oxidation (M) INDIFACKOVFEAIGTK LERSGSK KHADINLMCK + Oxidation (M) CASSFVTMOR + Oxidation (M) TGILEVILHNGGOVTHOPER + Oxidation (M) AHLHTPAPGSER HSILAARMLARR + Oxidation (M) DOALIFUNASMAK + Oxidation (M) DAPLDIDEMYDDVIIPSMK + 2 Oxidation (M) AFUDITORSWNDDVIIPSMK + 2 Oxidation (M)
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 7728,3611 498,2595 415,2369 586,2826 636,2826 636,2826 636,2826 636,2826 636,2826 636,2826 532,2735 899,997 824,8830 754,0877 534,2494 667,3726 592,3419 586,3378 754,2926 592,3419 586,378 754,2944 677,7630 867,4752 415,2295 594,7994 573,2570 1213,1200 650,3333 671,3746 450,5745 599,2653 1125,0720	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1066.4842 1332.7366 1774.0039 1775.9916 1507.8506 1887.0858 283.4944 1133.5114 1732.9338 828.4444 1144.4994 2424.2254 1298.6520 1340.7346 1371.7402 1524.7741 2288.1294 909.5166	1577.7897 1831.0203 1821.624.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0349 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 17755.9917 1507.8511 1887.0540 2339.1362 1133.5135 1732.9339 828.4544 1141.5005 2424.2206 1298.6956 1340.7347 1371.7432 1524.7797 2248.1218 909.5146	-1.77 0.24 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 1 0 0 0 0 1 1 1 1 0 1 1 1 0 1 1 1 1 0 1	16 16 16 16 16 16 16 16 16 16 16 16 16 1	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 3.3e+002 1.2e+002 1.3e+002		DEASAKYYOR LIETTQSLSEQVSR VEENVLVGIRTAEQIK VGEAMINDTQR + Oxidation (M) RAGGPBK NICOMNEADLLITTGGTGFSK YMILLDGTNMVLEDRIEGR + 2 Oxidation (M) QCCALLANDLR SAQSNCNQVLINHLAAAESR + Carbamidomethyl (C) DDIIVASSEEINR IVLLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMSVGGAHALR VGDLNDFVGK SLGSGGASGIGAGIAGALSAK GTLGYGTMKSDVSDR QWDLFDFLAGQAMLARLHAK SMTESQRGR + Oxidation (M) KISGIIVGTDPK WVLGYKILDPSCNLLK CSILGQNDVALKVIK + Carbamidomethyl (C) TVLLLLHNIFA PDYVOSVLLLLCALGVK + Carbamidomethyl (C) MSTNRDULPPETVMNTHR + Oxidation (M) NGEOMEALR + Oxidation (M) CASSVYTMG + Oxidation (M) CASSVYTMG + Oxidation (M) CASSVYTMG + Oxidation (M) TGLEVIKNINGGQVTIENYDSK + Oxidation (M) AHHIFPAFGSRR HSILASMLARR + Oxidation (M) DQALLPLVASMAK + Oxidation (M) AFVDHEPEGGRTR
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2369 552,2735 599,997 824,8830 754,0877 534,294 667,3726 592,3419 586,378 754,926 630,027 1170,5790 1273,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 867,4752 415,2295 594,7630 871,3746 475,2570 1213,1200 650,333 671,3746 458,2540 599,2653 1125,0720 455,7656	1577.7900 1831.0250 1831.0250 1264.6278 699.3678 2182.0214 2269.1119 1273.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1097.9648 1647.7514 2259.2413 1066.4842 1332.7306 1774.0039 1755.9916 1507.8506 1887.0583 2339.1434 1133.5114 1732.9358 828.4444 1187.762 1414.4994 2424.2254 1298.6920 1340.7346 1371.7402 1524.7741 2428.1294 999.5166	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 1259.2429 1066.4825 1332.7289 1774.0063 1755.9917 1507.8811 1887.0540 2339.1362 13187.5791 1244.5005 2244.2206 1298.6956 1340.7347 1371.7432 1524.7179	-1.77 0.24 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85	0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 0 1	166 166 166 166 166 166 166 167 155 155 155 155 155 155 155 155 155 15	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002 1.3e+002 1.3e+002 1.9e+002 1.9e+002 1.9e+002 1.9e+002 1.9e+002 1.9e+002		DEASAKVYDR LTETTQSLSEQVSR VEWNLUGHTRASQIK VGKAMINDTQR + Oxidation (M) RAGGPDK NICDNNEADLILTTGGTGFSK YMILDGTNMYLEDRLEGR + 2 Oxidation (M) QGCALAADUR SAQSNCNQVLINHLAAASSR + Carbamidomethyl (C) DPLIVASSENTN TVLLEDQ DSGHTVLCDR + Carbamidomethyl (C) RMSVSGAHALR VGDLMDFVUK SLPGGASGGLAGALGALSAK GTLGYGYMSDVSDR QWPLFFGLAGQAMLARLEAK SMTESGRR + Oxidation (M) KIRGITYGTDFK VVLGYKILDPSCNLLK CSILOQHDVVAIKVIK + Carbamidomethyl (C) TVLDLLHPNLFA PDYVGSVLLLCALQVK + Carbamidomethyl (C) MSTNDDVLDFESTYMYNTHR + Oxidation (M) NGEOMEALR + Oxidation (M) NGEOMEALR + Oxidation (M) TGILEVIKNNGGVVIENTK LPRGSGDK KHADTNACK + Oxidation (M) TGILEVIKNNGGVVIENTDSK + Oxidation (M) AGLASFVTMOR + Oxidation (M) TGILEVIKNNGGVVIENTDSK + Oxidation (M) AGLATPAGSSR HSIAASMLARR + Oxidation (M) AFVDHPEQGRLTR LIVADLTDEMYDDVIIPSMK + 2 Oxidation (M) KMFPLFK
1921   2415   2455	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,817 28,3611 498,2595 415,2369 586,2806 613,8235 532,2735 899,997 824,8830 754,0877 534,2944 667,3726 592,3419 586,3378 754,926 67,4752 415,295 594,574 573,2570 1213,1200 650,3533 671,3746 448,2540 509,2653 1125,0720 455,7656 362,1776	1577.7900 1831.0250 1831.0250 1831.0250 1899.3678 2182.0214 2269.1119 2173.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1062.5324 1066.4842 1332.7306 1774.0039 1775.9916 1507.8506 1887.0583 2339.1434 1133.5114 1133.5114 1173.792 1144.4994 2424.2234 1298.6920 1340.7346 1371.7402	1577.7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0519 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9585 1647.7563 2259.2429 1774.0063 1755.9917 1507.8511 1887.0540 2339.1362 1133.5135 1732.2939 2424.2206 1298.6956 1340.7347 1371.7432 12544.7972 1248.1218 909.5146	-1.77 0.24 0.85 0.85 2.10 0.11 1.60 0.01 1.60 0.03 1.27 -2.04 -2.02 2.93 -0.72 3.10 3.15 -0.06 -1.13 -1.34 -0.06 -1.20 -1.10 -1.10 -1.10 -1.10 -1.10 -1.10 -1.10 -1.13 -1.10 -	0 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1	166 166 166 166 166 166 166 167 155 155 155 155 155 155 155 155 155 15	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.6e+002 1.2e+002 1.6e+002 1.2e+002 1.6e+002 1.6e+002 1.7e+002		DEASAKVYDR LIETTQSLSEQVSR VENNLOGRITARQIK VGENAHINDTQR + Oxidation (M) RAGGDM NICONNEADLILITGGTGFSK YMILLDGTNWLLEDRLEGR + 2 Oxidation (M) QGCAALAAMDLR SAQSNCNQVLINHLAARSSR + Carbamidomethyl (C) DEILVASSEENR IVLLEDQ DSGHLVLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDINDFVGK SLPSGSASGGLAGGLAGALSAK GTLGYGTMKSDVSDR QWLDFGLAGQAMLARLHAK SMTESQRGR + Oxidation (M) KIEGLIYGTDKK CSILGQNDVALKVIK + Carbamidomethyl (C) TVLLLLHPENLFA PDYVGSVLLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDFPEIVMYNTHR + Oxidation (M) NNEQGEALR + Oxidation (M) INDIFAGKGVTEALGTK LERGSGGK KHADINLMCK + Oxidation (M) TGILEVLKHNMSGQVTIENYDSK + Oxidation (M) AHLHTPAPOSER HSILARAMLARR + Oxidation (M) DQALIPLVASHAK + Oxidation (M) AFUDEPSCORTR LIVADLTDENVDDVIIPSMK + 2 Oxidation (M) AFUDEPSCORTR LIVADLTDENVDDVIIPSMK + 2 Oxidation (M) KMFPLFK GDVMERHGUR
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2369 586,2806 613,8225 532,2735 899,997 824,8830 754,0877 554,2944 667,3726 592,3419 586,3378 754,9326 630,0267 1170,5790 567,7630 867,4752 415,2295 595,77630 867,4752 415,2295 591,2374 573,2570 1213,1220 650,3533 671,3746 458,2540 5192,653 1123,1220 455,7656 362,1776 827,9185	1577.7900 1831.0250 1831.0250 1831.0250 1899.3678 2182.0214 2269.1119 2173.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1062.5324 1077.9648 1647.7514 2259.2132 1774.0039 1774.0038 1774.0038 1774.0038 1774.7948	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 1273.6237 2182.0549 1491.7569 828.4593 1170.5452 1225.6349 1062.5346 1797.9985 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 1775.9917 1507.8511 1887.0540 2339.1362 1313.5135 1732.9359 828.4454 1187.5791 1144.5005 2424.2226 1298.6996 1340.7347 1371.7432 1524.7128 909.5146 1003.5131 1257.6200 1653.8218	-1.77 0.24 0.85 0.85 2.10 0.11 1.30 0.13 -3.20 3.03 3.03 3.07 -2.04 -2.02 -2.02 3.15 -0.06 -1.31 -1.34 -0.06 -0.29 3.10 -1.23 -0.72 -1.80 -0.06 -1.31 -1.91 -2.73 -0.74 -3.71	0 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1	166 166 166 166 166 166 166 166 166 166	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.9e+002 1.9e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.1e+002 1.2e+002 1.1e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.2e+002 1.3e+002		DEASAKVYDR LITETQSLSEQVSR LITETQSLSEQVSR VEWNLUGARTASQIK VGKAMINDTQR + Oxidation (M) RAGGDK NICDNNEADLILITGGTGFSK YMILDGTNMYLEDRLEGGR + 2 Oxidation (M) QCCALAANDLR SAQSNCNQVLINHLAAASSR + Carbamidomethyl (C) DETLIVASSEINR IVLLEDQ DSGHLVLCDR + Carbamidomethyl (C) RMEVSGHALR VGDLMDFVCK SLGSGSAGGLGAGLAGALSAK GTLGYGYMKSDVBDR QWFLFFGLAGQAWLARLHAK SMTESGRGR + Oxidation (M) KIBGITGTDFK VLUGVKLLDFSCHLK CSILLQNDVAIKVIK + Carbamidomethyl (C) TVLDLLRHPNLFA PDYVGSVLLLCALQVK + Carbamidomethyl (C) MSTNEDVLDFCHLAGAGLICA (M) NDSQEGALR + Oxidation (M) INDIFACKGYTEAIGTK LFRGSGDK KHADINLMCK + Oxidation (M) CASSFVTMOR + Oxidation (M) AHLHTPAPGSRR HSIAASMLARR + Oxidation (M) AHLHTPAPGSRR HSIAASMLARR + Oxidation (M) APVDHPEQGRLTR LIVADLDEMYDDIFPKMYNTEM + 2 Oxidation (M) KMFPLFK GOVMEANGLR NELEEENLR
1921   2415	789,9023 916,5198 633,3212 350,6912 1092,0180 757,3779 637,8171 728,3611 498,2595 415,2369 586,2806 613,8225 532,2735 899,997 824,8830 754,0877 554,2944 667,3726 592,3419 586,3378 754,9326 630,0267 1170,5790 567,7630 867,4752 415,2295 595,77630 867,4752 415,2295 591,2374 573,2570 1213,1220 650,3533 671,3746 458,2540 5192,653 1123,1220 455,7656 362,1776 827,9185	1577.7900 1831.0250 1831.0250 1831.0250 1899.3678 2182.0214 2269.1119 2173.6196 2182.0615 1491.7567 828.4592 1170.5466 1225.6324 1062.5324 1062.5324 1062.5324 1077.9648 1647.7514 2259.2132 1774.0039 1774.0038 1774.0038 1774.0038 1774.7948	1577. 7897 1831.0203 1264.6268 699.3664 2182.0212 2269.1082 2182.0212 2269.1082 1273.6237 2182.0349 1062.5346 1797.7589 11062.5346 1797.9585 1647.7563 2259.2429 1066.4825 1332.7289 1774.0063 17755.9917 1507.8511 1875.9917 1507.8511 1875.9917 1144.5005 2424.2226 1298.6956 1340.7347 1371.7432 1524.7797 2248.1218 909.5146 1003.3331	-1.77 0.24 0.85 0.85 2.10 0.11 1.30 0.13 -3.20 3.03 3.03 3.07 -2.04 -2.02 -2.02 3.15 -0.06 -1.31 -1.34 -0.06 -0.29 3.10 -1.23 -0.72 -1.80 -0.06 -1.31 -1.91 -2.73 -0.74 -3.71	0 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1	166 166 166 166 166 166 166 166 166 166	1.9e+002 2.2e+002 1.6e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.5e+002 1.2e+002		DEASAKYYDR LIETTQSLSEQVSR VERNYLNGIRTAEQIK VGKAMIHDTQR + Oxidation (M) RAGGPBK NICOMNEADLLITTGGTGFSK YMILLDGTNMVLEDRLEGR + 2 Oxidation (M) OCCALLANDLR SAQSNCNQVLINHLAAAESR + Carbamidomethyl (C) DEILVASSEEINR IVLLEDQ DSCHIVLCDR + Carbamidomethyl (C) RMEVSGAHALR VGDINDFVGK SLESGGASGGGAGLAGALSAK GTLGYGYMKSDVSDR OWLETCHAGQANLARLHAK SMTESGRAS + Oxidation (M) KIEGIIYGTDFK VLUSTRLDPSCNLLK CSILGQNDVALKVIK + Carbamidomethyl (C) TVLDLLHENNLFA PDYVOSVLLLLCALGVK + Carbamidomethyl (C) MSINDDLUSPETVMNYNHR + Oxidation (M) NGEOMEALR + Oxidation (M) INDIFACKGVTEATGTK LPRESGGK KHADINLMCK + Oxidation (M) CASSVYTMGR + Oxidation (M) TGILBVIKNMGGOVTIENYDSK + Oxidation (M) AHLHTPAPGSRR HEITAASMLARR + Oxidation (M) AFVDHEPSGRRT LIVADLTDENYDSK + Oxidation (M) AFVDHEPSGRRT LIVADLTDENYDSK + Oxidation (M) AFVDHEPSGRRT LIVADLTDENYDSK + Oxidation (M) AFVDHEPSGRRT LIVADLTDENYDDIIPSMK + 2 Oxidation (M) KMFELFK GDVMEANGUR NEEEEENIR FCTPTSLMSISPSKR

	427 2204	1200 6664	1308.6707	2.24	1	2.5	1.6e+002	1	TSMTTAKDSVLR
			1812.0244		0	15	43	1	SEIVTSIPVISQAEVLK
₩ <u>2399</u>			956.4505		0		1.2e+002	1	FHOIFEH
≥ 1605			1373.5890		0	15		1	QCEHMCVGLPK + 2 Carbamidomethyl (C); Oxidation (M)
			1633.9264		1	15	42		PSLOTKAPTPVRPSR
2166			1726.9213				1.4e+002		IGASLDEKDQQALALR
<u>2535</u>			1907.8903				1.3e+002		GSINEMMKMKPQDVER + Oxidation (M)
			2200.0346				1.3e+002	i	DIYAHHHVFINNAMMPFK + Oxidation (M)
<u>2873</u>			869.5334		0		1.9e+002	1	VSIVSLPR
<u>≥ 267</u>									
			1764.9258		1		1.3e+002	1	AIGTEDSAGTKVFALTGK
☑ 1672			1395.7582		1		1.5e+002	1	TRAAELGIAGPNAR
☑ 1677			1397.7263		1		1.7e+002	1	IDPNSGGIRVNEK
☑ 1692			1404.7647		1	15	1.6e+002	1	LGSVVCDVTSIKK + Carbamidomethyl (C)
	901.5117	1801.0088	1801.0097		1	15	65	1	TLDGFANALKLNGINLK
	616.6838	1847.0296	1847.0265	1.67	1	15	55	1	TRPTYNISVTAVNVKGK
☑ 1097	625.3384	1248.6622	1248.6648	-2.08	1	15	1.8e+002	1	GLRIAFCEAAAK
2236	876.4851	1750.9556	1750.9577	-1.17	1	15	93	1	KLSHIELLQQATNEK
☑ 1197	637.8492	1273.6838	1273.6812	2.04	1	15	2.2e+002	1	RMVGLVSEDLR
	1106.0330	2210.0514	2210.0563	-2.20	1	15	1.4e+002	1	NGVSDKEASEIAQNNEHIQK
€ 694	565.2898	1128.5650	1128.5676	-2.26	1	15	1.2e+002	1	GDDWAKGKPR
☑ 1039	617.3216	1232.6286	1232.6296	-0.74	1	15	2.5e+002	1	GRGLDGVISGMR + Oxidation (M)
☑ 2025	831.9581	1661.9016	1661.8988	1.71	1	15	1.1e+002	1	APGYEAALTLQTKATK
₩ 847	592.2850	1182.5554	1182.5525		0		1.4e+002	1	MSLGMSISWR + Oxidation (M)
☑ 2053			1688.7716		0	15	1.1e+002	1	SGADVTMNAFGFSELK + Oxidation (M)
☑ 1233			1287.6823		0	15		1	VNLQYLAAGPDK
☑ 1286			1298.6540		1		1.6e+002	1	KDVSALTSFMGK + Oxidation (M)
≥ 2992			2244.1637		1		1.6e+002	i	ENLHEELSLEKLAALSSFSK
			1404.7534				1.7e+002	1	ILMSSLDIEISGK
		1831.0222		3.14		15		1	MISEPDTPLFTLKVLK
						15		1	
☑ <u>1226</u>			1285.5721					1	NTTASTNVYCR + Carbamidomethyl (C)
☑ 1623			1379.7119				1.6e+002		KLFEVNIMENK + Oxidation (M)
☑ 66 ☑ 1204			731.3854		0		6.2e+002	1	DYPIPK
☑ 1284			1297.6931		1		1.6e+002	1	YYHLHPVNKK
☑ 407			976.4470		0		1.3e+002	1	LMPNEMAR + Oxidation (M)
☑ 1392			1314.7152		1		2.2e+002	1	IMVMAPVVDGRK
☑ 1552			1355.7157				1.8e+002	1	ELGRVGAAGGVDAGK
			1990.9670				1.7e+002	1	FLSEYSTSLMAVGVQTSR + Oxidation (M)
☑ 1784			1506.7678				2.2e+002	1	LEEVASSYNLQVR
☑ 2187			1732.9433		0		1.1e+002	1	FPTALQMVLSVALAEK + Oxidation (M)
2940			2227.0838		1		1.8e+002	1	NELHGCINDVVAMRGTLVDR + Oxidation (M)
☑ 1701			1408.6326		1	15	98	1	QTAEEMMAEKGGK
☑ 1149	632.7960	1263.5774	1263.5803	-2.29	0	15	1.4e+002	1	SSNTATNANGATR
☑ 1155	633.3401	1264.6656	1264.6663	-0.50	1		1.7e+002	1	ALNEALDKYTK
2165	862.9578	1723.9010	1723.9005	0.29	1	15	1.5e+002	1	GSQHALKWAADNLVSK
☑ 2327	889.4896	1776.9646	1776.9621	1.41	1	15	1e+002	1	FDVIISGLSITEERAK
	522.7900	1043.5654	1043.5651	0.31	0	15	1.1e+002	1	LDDLIWAAK
☑ 1878	781.4381	1560.8616	1560.8624	-0.47	1	15	97	1	DNYGQVIGIVKISR
			1560.8624 1024.5917		1			1	DNYGQVIGIVKISR RIETPLSLP
	513.3021	1024.5896		-1.98		15	97		
<ul> <li></li></ul>	513.3021 922.0262 397.7057	1024.5896 1842.0378 793.3968	1024.5917 1842.0397 793.3938	-1.98 -0.99 3.79	1 1 1	15 15 15 15	97 75 53 3.4e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR
<ul> <li>         ■ 476         ■ 2450         ■ 161         ■ 2036</li></ul>	513.3021 922.0262 397.7057 558.9736	1024.5896 1842.0378 793.3968 1673.8990	1024.5917 1842.0397 793.3938 1673.9022	-1.98 -0.99 3.79 -1.92	1 1 1	15 15 15 15 15	97 75 53 3.4e+002 1.7e+002	1 1 1	RIETPLSLP MNLISHVAIGGRAGLQLK + Oxidation (M) CAKCTIR DMINALVTAGVKDAK + Oxidation (M)
<ul> <li>¥ 476</li> <li>¥ 2450</li> <li>¥ 161</li> <li>¥ 2036</li> <li>¥ 3586</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930	1024.5896 1842.0378 793.3968 1673.8990 3500.6572	1024.5917 1842.0397 793.3938 1673.9022 3500.6461	-1.98 -0.99 3.79 -1.92 3.15	1 1 1 1	15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002	1 1 1 1	RIETPLSLP MNLLSHVANGGKAGLQLK + Oxidation (M) CAKCTIR DMITNALVTAGVKDAK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M)
<ul> <li>₹ 476</li> <li>₹ 2450</li> <li>₹ 161</li> <li>₹ 2036</li> <li>₹ 3586</li> <li>₹ 684</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553	-1.98 -0.99 3.79 -1.92 3.15 -1.48	1 1 1	15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002	1 1 1	RIETPLSLP MNLISHVAIGGRAGLQLK + Oxidation (M) CAKCTIR DMINALVTAGVKDAK + Oxidation (M)
<ul> <li>¥ 476</li> <li>¥ 2450</li> <li>¥ 161</li> <li>¥ 2036</li> <li>₹ 3586</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09	1 1 1 1	15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002	1 1 1 1	RIETPLSLP MNLLSHVANGGKAGLQLK + Oxidation (M) CAKCTIR DMITNALVTAGVKDAK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M)
<ul> <li>₹ 476</li> <li>₹ 2450</li> <li>₹ 161</li> <li>₹ 2036</li> <li>₹ 3586</li> <li>₹ 684</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09	1 1 1 1 1	15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002	1 1 1 1 1	RIETPLSLP MNLLSNVAIGGEAGLQLE + Oxidation (M) CAKCTE DMITNALVTAGVEDAK + Oxidation (M) MNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLEGELGOR
<ul> <li>¥ 476</li> <li>₹ 2450</li> <li>₹ 161</li> <li>₹ 2036</li> <li>₹ 3586</li> <li>₹ 684</li> <li>₹ 1588</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19	1 1 1 1 1	15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002 1.4e+002	1 1 1 1 1 1	RIETPLSLP MNLISHVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGVKDAK + Oxidation (M) NNYBARAMSHERAGLIDAPEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELIDB LSDVATPPADRVK
<ul> <li>         ≠476         <ul> <li>2450</li> <li>161</li> <li>2036</li> <li>3586</li> <li>1588</li> <li>3359</li> </ul> </li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15	1 1 1 1 1 1	15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002 1.4e+002 1.3e+002 1.8e+002	1 1 1 1 1 1 1	RIETPLSLP MRLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMINALVTAGVKDAK + Oxidation (M) MNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLAHLENNPIISPGFLESQR
<ul> <li>¥ 476</li> <li>₹ 2450</li> <li>₹ 161</li> <li>₹ 2036</li> <li>₹ 3586</li> <li>₹ 684</li> <li>₹ 1588</li> <li>₹ 3359</li> <li>₹ 124</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15	1 1 1 1 1 1 0	15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002 1.4e+002 1.4e+002 1.8e+002	1 1 1 1 1 1 1 1	RIETPLSLP MNLIGNVAIGGRAGLQLK + Oxidation (M) CARCTIR DMITNALVTAGVKDAK + Oxidation (M) MNPARAMSHFAGLLDAFENGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGGLGDR LSDVATPFADRVK TSGLLHLENMPIISPGFLESQR HTPAANR
<ul> <li>¥ 476</li> <li>№ 2450</li> <li>№ 161</li> <li>№ 3586</li> <li>№ 684</li> <li>№ 1588</li> <li>₩ 3359</li> <li>₩ 124</li> <li>№ 613</li> </ul>	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22	1 1 1 1 1 1 0 0	15 15 15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002 1.4e+002 1.3e+002 1.8e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGRAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGVKDAK + Oxidation (M) MNPARAMSHFAGLLDAPEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELDGE LSDVATPPADRVK TSGLIHLENNPIISPGFLESQR HTPAANR GGFGGGPGGGAFR
# 476 # 2450 # 161 # 2036 # 3586 # 684 # 1588 # 3359 # 124 # 613 # 657 # 2922	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97	1 1 1 1 1 1 0 0	15 15 15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002 1.4e+002 1.3e+002 1.8e+002 1.6e+002 23 1.9e+002	1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGRAGLQLK + Oxidation (M) CARCTIR DMITNALVTAGVKDAK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELDOR LSDVATPPADRVK TSGLIHLENNPIISPGFLESQR HTPAANR GGPGGGGGGAFR SHFDADACTR NYIMMLSNNICRAPGISEAK
# 476 # 2450 # 161 # 2036 # 3586 # 684 # 1588 # 3359 # 124 # 613 # 657 # 2922 # 3050	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97	1 1 1 1 1 1 0 0 0	15 15 15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1.4e+002 1.3e+002 1.6e+002 23 1.9e+002	1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITHALVTAGVKDAK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGGLGDR LSDVATPADRVK TSGLLHLENNPIISPGFLESQR HTPAANR GGFGGGGGGARR SMPDADACTR NYIMGLSNNICARGISEAK DALMERLSNVINASEAMDMK + Oxidation (M)
# 476 # 2450 # 161 # 2036 # 3586 # 684 # 1588 # 613 # 657 # 2922 # 3050 # 2692	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186 2116.0693	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08	1 1 1 1 1 0 0 0	15 15 15 15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1.4e+002 1.3e+002 1.4e+002 1.6e+002 23 1.9e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLISHVAIGGEAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGVKDAK + Oxidation (M) MNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGOR LSDVATPPADRVK TSGLLHLENDTISPSPLESQR HTPAANR GGPOGGGROGGAFR SWFADADGT NYIHMLSNNICRAFGISEAK DALNEALKINVVINASEAMONK + Oxidation (M) IDMLVGENNISHLEAR
# 476 # 2450 # 161 # 2036 # 3586 # 684 # 1588 # 3359 # 613 # 657 # 2922 # 3050 # 2692 # 2952	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656 2233.1161	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18	1 1 1 1 1 0 0 0 0	15 15 15 15 15 15 15 15 15 15 15 15 15	97 75 53 3.4e+002 1.7e+002 1e+002 1.4e+002 1.3e+002 1.6e+002 23 1.9e+002 2e+002 2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP  MRLLSNVAIGGKAGLQLK + Oxidation (M)  CAKCTIR  DMIINALVTAGVKDAK + Oxidation (M)  NNPARAMSHFAGLLDAFFHGCLPDLEAVMLGR + 2 Oxidation (M)  CHLKGELGDR  LSDVATPFADRVK  TSGLEHLEMPFISPGFLESQR  HTPAANR  GGFGGGGGGAFR  SMFDADACTR  NYIEMISSNICKAFGISEAK  DALNEALKNVVINASEAMDNK + Oxidation (M)  IDMIVGENNGISHLEAR  IENNTALEMYENINGIDER + Oxidation (M)
# 476 # 2450 # 161 # 2036 # 3586 # 684 # 1588 # 3359 # 124 # 613 # 613 # 62922 # 3050 # 26922 # 2898	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656 2233.1161 2212.0405	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19	1 1 1 1 1 0 0 0 0 1 1 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 53 3.4e+002 1.7e+002 1.e+002 1.4e+002 1.8e+002 1.8e+002 23 1.9e+002 2-e+002 2-e+002 2-e+002 1.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITNALVTAGVKDAK + Oxidation (M) NNPARAMSHPAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPFADRVK TSGLLHLENDTIETPGFLESQR HTPAANR GGFGGGPGGGAFR SMPDADACTE NYIMBLSNNICRAFGISEAK DALNEALKOVVIANSEADDMK + Oxidation (M) IDMLVQENNQISMILEAR IENNTALEMVTRINIGDPR + Oxidation (M) TVMMINDARICHNONDIR + Oxidation (M)
## 476 ## 2450 ## 161 ## 2036 ## 3586 ## 684 ## 1588 ## 3359 ## 124 ## 613 ## 651 ## 2922 ## 3050 ## 2922 ## 2952 ## 2958 ## 3551	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240 984.1126	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 2949.3160	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656 2233.1161 2212.0405 2949.3228	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19 -2.32	1 1 1 1 1 0 0 0 0 0 1 1 0 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 53 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 23 1.9e+002 2-002 2-002 2-002 2-002 6-006	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGVKDAK + Oxidation (M) MNPARAMSHFAGLLDAFENGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLLHLENDPILSPGFLESQR HTPAANR GGPOGGGGGGAFR SNPADAGCTR NYIMMLSNNICRAFGISEAK DALNEALSVVVINASEADMK + Oxidation (M) TUDMIVGRNIGISMLEAR TENNTALEMVERINIGDPR + Oxidation (M) ALSSGANAAITGDFLATGGSSIDSDMAMAK + Oxidation (M) ALSSGANAAITGDFLATGGSSIDSDMAMAK + Oxidation (M)
## 476 ## 2450 ## 2450 ## 2036 ## 3866 ## 3859 ## 124 ## 2552 ## 2922 ## 2952	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 766.3637 1117.5640 1107.0240 984.1126	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 105.4412 2224.0714 2274.1186 2116.0693 2133.1134 2212.0334 2949.3160	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656 2233.1161 2212.0405 2949.3228	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19 -2.32 -0.41	1 1 1 1 1 0 0 0 0 1 1 0 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 53 3.4e+002 1.7e+002 1.e+002 1.3e+002 1.3e+002 1.6e+002 2.6e+002 2.9e+002 1.9e+002 2.e+002 1.4e+002 0.14e+002 0.14e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLUGGLGDR LSDVATPADRVK TSGLLHLENNPIISPGFLESQR HTPAANR GGFGGGGGGAR SMFDADACTR NYIMGLSNNICRAFGISEAN DALINEALKNVINASEAMDMK + Oxidation (M) TDMIVQENNGISHLEAR TENNTALENVIRINIGDER + Oxidation (M) TVMNIDADAICNNICRAFGISEAN ALSSGANAAITGDFLMTGGMSIDSDMAMAK + Oxidation (M) ALSSGANAAITGDFLMTGGMSIDSDMAMAK + Oxidation (M) TSAEVGROVER
### 476 ### 2450 ### 2036 ### 3886 ### 1588 ### 3359 ### 613 ### 657 ### 3050 ### 2892 ### 2898 ### 3551 ### 1462 ### 1462	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 393.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 2494.3160 1314.6199 1334.6560	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.0802 2224.161 2212.0405 2494.3228 1314.6204 1334.6983	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19 -3.19 -0.41 -1.66	1 1 1 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.e+002 1.4e+002 1.4e+002 1.8e+002 1.8e+002 1.8e+002 2.8e+002 2.8e+002 2.8e+002 2.8e+002 2.8e+002 2.8e+002 1.4e+002 1.4e+002 1.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETLISIP MILISHVAIGGEAGLQLK + Oxidation (M) CAKCTIR DMITHALVTAGVEDAK + Oxidation (M) WINPARAMENPAGLLDAFENGCLPDLEAVMLGR + 2 Oxidation (M) CHLINGELGOR LSDVATPPADRVK TSGLLHLENDTISPGFLESQR HTPAANR GGFGGGPGGGAFR SMPDADACTR NYIMLISHNICKAFGISEAK DALMELANUVIANSEAMDNK + Oxidation (M) IDMLVQENNQISMILEAR IENNTALEMVEINIGDDR + Oxidation (M) TVMMIDADALICNNNDIEN + Oxidation (M) ALSSGANAATTOPFLATGGMSIDSDMAMAK + Oxidation (M) VSAEVQKDYGR NEVERFRIEPK
## 476 ## 2450 ## 2450 ## 3866 ## 3886 ## 3889 ## 3159 ## 657 ## 2922 ## 2952 ## 2952 ## 2852 ## 3551 ## 1385	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 393.7018 547.2632 372.8210 742.3644 799.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356	1024.5896 1842.0378 793.3968 1673.8990 30.6572 1126.5536 1367.7424 2438.2681 1052.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 2949.3160 1314.6199 1334.6996 1532.7850	1024.5917 1842.0397 793.3938 1673.9022 31026.5553 1367.7409 2438.2628 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 22949.3228 1314.6294 1334.6298 1334.6298 1334.6298	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 7 3.22 -3.97 1.08 -1.73 -1.18 -3.19 -2.32 -0.41 -1.66 -1.22	1 1 1 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 0 0 1 0 0 1 0 0 0 1 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 53 3.4e+002 1.7e+002 1.4e+002 1.3e+002 1.3e+002 1.5e+002 1.5e+002 2.3 1.9e+002 2.4e+002 2.4e+002 1.4e+002 1.4e+002 1.4e+002 1.7e+002 2.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFENGCLFDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATFPADRVK TSGLAHLENNPIISPGFLESQR HTPAANR GGFOGGFOGGAFR SMFPADACTR NYIMMLSNNICRAPGISEAK DALNEALROVVINASEAJDMK + Oxidation (M) IDMIVQENNGISMLEAR TENNTALEMYVINIGEAR TENNTALEMYVININGERAF LSNNTALEMYVININGERAF TENNTALEMYVININGERAF ALSGANATITOPLAYTOGMSIDSDMAMAK + Oxidation (M) VSAEVQKDYGR NEFKEFHLPFK MMSJVLOSGIADIR + Oxidation (M)
# 476 # 2450 # 1611 # 2036 # 3586 # 1588 # 3559 # 613 # 657 # 2922 # 3050 # 2952 # 2952 # 2952 # 2952 # 1385 # 1462 # 1462 # 1462 # 1462 # 1462	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 7092,5118 1115,4412 2224,0114 2224,0114 2224,0114 2224,0114 2212,0314 2412,0114 2212,0314 2413,160 1314,6199 1314,6199 1314,6960 1532,7850 2290,1809	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656 2233.1161 2212.0405 2949.328 1314.6204 1314.6294 1314.693 1532.7668	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 1.15 1.57 3.22 -1.08 1.73 -1.18 -3.19 -2.32 -0.41 -1.62 -3.63	1 1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.e+002 1.4e+002 1.3e+002 1.6e+002 1.6e+002 23 1.9e+002 2e+002 2e+002 2e+002 21.7e+002 1.7e+002 1.7e+002 1.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHEAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLLHLENDHI ISPGFLESQR HITPAANR GGFGGGGGGGAR SMFDADACTR NYIMBLSNNICRAFGISEAK DALNEALKNVINASEAUDMK + Oxidation (M) IDMLVGENNGISHLEAR LENNTALEMYVRINIGDPR + Oxidation (M) TVSMIDAAICNONSTRILEAR LENNTALEMYVRINIGDPR + Oxidation (M) ALSSGANAAITOPFLATGGMSIDSDMAMAK + Oxidation (M) YSAEVGKNOW NEFKEFHLPFK DMLSVLQSGLADIR + Oxidation (M) VESTLOSIVDAAPWLEHPVR
### 476 #### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 4	513.3021 922.0262 397.7057 558.9736 1167.8930 554.2841 456.9214 450.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3533 511.9356 573.5525	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2224.0714 2224.1186 2116.0693 2233.1134 2212.0334 2499.3160 1314.6199 1334.6990 1532.7850 2290.1809	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2418.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2116.0656 2233.1161 2212.0405 249.3228 1314.6204 1334.6993 1532.7868 2290.1892	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19 -2.32 -0.41 -1.66 -1.22 -3.63 -2.20	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 2.3 1.9e+002 2.e+002 2.e+002 1.4e+002 1.fe+002 2.e+002 1.7e+002 2.e+002 1.7e+002 2.e+002 1.7e+002 2.e+002 2.e+002 2.e+002 2.e+002 2.e+002 2.e+002 2.e+002 2.e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP  MRLLSNVAIGGKAGLQLK + Oxidation (M)  CAKCTIR  DMITHALVTHOWUNDAK + Oxidation (M)  MNPARAMSHEAGLLDAFFHGCLPDLEAVMLGR + 2 Oxidation (M)  CHLKGELGDR  LSDVATPPADRVK  TSGLLHLENNPIISPGFLESQR  HTPAANR  GGFGGGGGAFR  SMFDADACTR  MYIMMLSNNICKAPGISEAK  DALNEALKNVUNASEAGDNK + Oxidation (M)  IDMLVQENNQISMLEAR  LENNTALESWYEINIGDPR + Oxidation (M)  TVWMIDADAITCNPNHOIDR + Oxidation (M)  VSARVQKDYGR  NEPKREHLPFK  DMLSVLQSGLADIR + Oxidation (M)  VSARVQKDYGR  NEPKREHLPFK  DMLSVLQSGLADIR + Oxidation (M)  VESTLCSIVDAAFWLRHFVR  GGIDLSILK
### 476 #### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 476 ### 4	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 456.9214 456.9214 456.3573 383.7018 547.2632 372.8210 742.3644 795.0468 706.3637 1117.5640 1107.0240 984.1126 439.2119 668.3553 511.9356 573.5525 401.7362	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0114 2224,0114 2224,1184 2213,1134 2213,1134 2213,1134 2213,134,690 1532,7850 299,1809 801,4578 1356,6961	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2248.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2212.0405 2949.3228 1314.6294 1314.6983 1532.7868 2290.1892 801.4596	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19 -2.32 -0.41 -1.66 -1.22 -3.63 -2.20 -2.69	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.3e+002 1.4e+002 1.8e+002 1.9e+002 2.9e+002 2e+002 2e+002 1.7e+002 1.7e+002 1.6e+002 1.7e+002 2.4e+002 1.6e+002 1.6e+002 2.6e+002 2.6e+002 2.1e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLFDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATFPADRVK TSGLLHLENNPIISPGFLESQR HTFAANR GGFGGGGGGARR SMFDADACTR NYIMHLSNNICTARGISEAK DALINEALKNVYINASEAMDMK + Oxidation (M) TDMIVQENNGISMILEAR TENNTALENVYININGDPR + Oxidation (M) TVMNIDADAILCNNNIDTR + Oxidation (M) TVMNIDADAILCNNNIDTR + Oxidation (M) ALSGANAAITGDFLMTGGMSIDSDMAMAK + Oxidation (M) VSETLGSTUPPEN NESVEGSGLADIR + Oxidation (M) VESTLCSTVDAAPMLRHPVR GGIDLSLK ENVEGAGRAVDLK
### 476 ### 47	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356 573.5555 401.7362 453.2393 803.4082	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0114 2224,0114 2224,0114 2224,1186 2116,0693 2233,1134 2291,1809 1334,6960 1532,7850 2290,1809 801,4578 1314,678 13	1024,5917 1842,0397 793,3938 1673,9022 3500,6461 1126,5553 1367,7409 2438,2628 765,3882 1092,5101 1115,4376 2224,0802 2231,1161 2116,0656 2233,1161 2212,0405 2494,328 1314,6204 1334,6983 1532,7868 2991,1892 801,6997 1604,8014	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 1.73 -1.18 -3.19 -2.32 -0.41 -1.62 -3.63 -2.20 -2.69 0.27	1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.4e+002 2.e+002 2.e+002 2.e+002 1.4e+002 1.7e+002 2.e+002 1.4e+002 1.7e+002 2.e+002 2.e+002 2.e+002 2.e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITNALVTAGGVADAK + Oxidation (M) NNPARAMSHEAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPFADAWK TSGLLHLENDHISPOFLESQR HTPAANR GGFGGGPGGGAFR SMPDADACTR MYIMBLSNNICRAFGISEAK DALNEALKNVINASEADDKK + Oxidation (M) IDMLVQENNQISMILEAR IENNTALEMVEINIGDPR + Oxidation (M) ALSSGANAATTGDFLATGGMSIDSDMAMAK + Oxidation (M) SARVQKDYGR NEPKEFHLEPK DMLSVLGSGLADIR + Oxidation (M) VESTLOSIVADAPPULHPUVR GGTLDSLK ENVERGAGRAVDLK MQKESLPIQTTACR
476   476	533,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 456,9214 456,9214 456,9214 456,9214 479,0468 706,3637 1117,5640 1107,0240 984,1126 439,2139 668,3553 511,9356 573,5525 401,7522 453,2393 803,4082	1024.5896 1673.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 7052.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 2949.3160 1314.6199 1334.6960 1532.7850 290.1859 801.4578 1366.6961 1366.6961	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 2924.1812 2233.1161 2212.0405 2949.3228 1314.6204 1334.6983 1532.7868 290.1892 801.4596 1366.6997 1366.6997	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -3.97 1.08 -3.19 -2.32 -0.41 -1.66 -1.22 -3.63 -2.20 -2.69 0.27 -1.20	1 1 1 1 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 0 1 0 1 0 1 1 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 1.8e+002 2.1.9e+002 2.e+002 1.4e+002 1.7e+002 2.e+002 1.7e+002 2.e+002 2.4e+002 2.4e+002 2.4e+002 2.4e+002 2.4e+002 2.1e+002 2.1e+002 2.1e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) COAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLAHLENNPIISPGFLESQR HTPAANR GGFGGGGGARR SMFDADACTR NYIMMLSNNICRAPGISEAK DALNEALKIVVINASEAMDHK + Oxidation (M) IDMIVQENNGISMILEAR TENNTALEMYVININGDRP + Oxidation (M) TVMMIDADAICNNNIDTR + Oxidation (M) TVMMIDADAICNNDHDTR + Oxidation (M) TVMMIDADAICNNDHDTR + Oxidation (M) VYAEVQKDYGR NEFKEFHLPFK MMLSVLOSGIADIR + Oxidation (M) VEETLOSIVDAAPMLSHPVR GGTDLSIK ENVEGAGRAVDLK KENVEGAGRAVDLK KENVEGAGRAV KENVEGAGRAV KENVEGAGRAV KE
### 476 ### 47	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 795.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.353 511.9356 573.5525 401.7362 453.2393 803.4082 1154.660	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 705,3890 1092,5118 1115,4412 2224,0114 2224,0114 2224,0114 2224,1186 2116,0693 2233,1134 2212,0334 2494,3160 1314,6199 1334,6960 1532,7850 801,4578 1356,6991 1564,8018 2306,1054 1155,5890 1664,8018 2306,1054 1165,5320	1024,5917 1842,0397 793,3938 1673,9022 3500,6461 1126,5553 1367,7409 2438,2628 765,3882 1092,5101 1115,4376 2224,0802 2274,1161 2116,0656 2949,328 1314,6204 1314,693 1532,769 280,1692 280,1692 280,1692 1356,6997 1604,8014 2306,1082	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 7.3 1.22 -3.97 1.08 1.73 -1.18 -2.32 -0.41 -1.66 -1.22 -3.63 -2.20 -2.69 0.27 -1.20 3.07	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 1 1 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.e+002 2.e+002 2.e+002 1.4e+002 1.7e+002 2.e+002 1.4e+002 1.4e+002 2.4e+002 1.5e+002 2.4e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITNALVTAGVKDAK + Oxidation (M) NNFARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPFADRVK TSGLLHLENDHIISPGFLESQR HIFPAANR GGFGGGFGGGAGR SMFDADACTR NYIMLSNNICRAFGISEAK DALNEALENVUNASEAUDMK + Oxidation (M) TOMLVGENNOISMILEAR TENNTALEMYNEINIGDFR + Oxidation (M) TVMNIDADATICNPHNDIR + Oxidation (M) TVMNIDADATICNPHNDIR + Oxidation (M) ALSSGANAATTOFFLHTGGMSIDSDMAMAK + Oxidation (M) YSAEVGKDVGR NEFKEFHLPFK DMLSVLOSGLADIR + Oxidation (M) VESTLOSIDVAAFWLRHEVR GGTDLSLK SNVEGAGRAVDLK MOKESLFTGTTACR FRMGANNINLCDVLGFGGQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNEK + Oxidation (M)
476   476	533,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 610,5743 383,7018 547,2632 372,8210 742,3644 759,0468 706,3637 1117,5640 1107,0240 984,1126 439,2139 668,353 511,9356 573,5525 401,752 431,753 803,4092 1154,0600 583,7733 734,0268	1024.5896 1673.8968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 765.3890 1092.5118 1115.4412 2224.0714 2274.1186 2116.0693 2224.0714 2274.1186 2134.1699 1334.6990 1352.7850 2290.1809 801.4578 1360.891 1604.8018 2306.1054 1165.5320	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 2949.3228 1314.6204 1334.6204 1334.6983 1532.7868 229.1892 801.4596 1356.6997 1604.8014 2306.1082	-1.98 -0.99 3.79 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 1.08 1.73 -1.18 -3.19 -2.32 -0.41 -1.66 -1.22 0.20 -2.69 0.27 -1.20 3.07 -1.20	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 2.3 1.9e+002 2.e+002 2.e+002 1.4e+002 1.7e+002 2.e+002 2.e+002 1.7e+002 2.e+002 2.e+002 1.6e+002 2.e+002 1.6e+002 2.e+002 1.6e+002 2.e+002 1.6e+002	1	RIETPLSLP MRLLSNVAIGGKAGLQLK + Oxidation (M) COMCTIR DMIINALVIAGGKAGLQLK + Oxidation (M) NNPARAMSHEAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLLHLERNFIISPGFLESQR HITPAANR GGFGGGFGGAFR SMFDADACTR NYITMLSSNICSAFGISEAK DALMEALENVUINASEAMDNK + Oxidation (M) IDMLVQENNQISHILEAR IENNTALERNYISHILEAR IENNTALERNYISHIGDDR + Oxidation (M) TVMMIDADAICNNNIDIR + Oxidation (M) VSARVQKDYGR NEPKEFHLPPK LMM.SVLGSGLADIR + Oxidation (M) VSARVQKDYGR NEPKEFHLPPK LMM.SVLGSGLADIR + Oxidation (M) VEETLCSIVDAAPMLEHVR GGIDLSLK RNVEGAGRAVDLK NOKESLFDTTACR FRMGAMINQLCDVLGPGQQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNEK + Oxidation (M)
476   476	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 456.9214 456.9214 456.9214 456.9214 456.9214 383.7018 547.2662 372.8220 742.3644 795.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356 573.5525 401.7362 433.2333 803.4082 1154.0600 583.7733 734.0268 751.7027	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0714 2214,1186 2116,0693 2274,1186 2116,0693 2294,3160 1314,6199 1334,6960 1532,7850 2290,1809 801,6961 1604,8018 2306,1054 1165,5320 2199,0586 2292,0886	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2116.0556 2233.1161 2212.0405 2949.3228 1314.6204 1334.6983 1532.7868 2290.1892 801.6997 1604.8014 2306.1082 1295.5285	-1.98 -0.99 -1.92 3.15 -1.48 1.09 2.19 1.15 1.57 3.22 -1.18 -1.18 -1.18 -1.19 -1.38 -1.19 -1.48 -2.32 -2.40 -1.20 -2.50 -2.79 -1.20 3.07 -2.79 2.43	1 1 1 1 1 1 1 0 0 0 0 1 1 0 0 1 1 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.4e+002 2.4e+002 2.4e+002 1.4e+002 2.4e+002 1.7e+002 2.4e+002 1.7e+002 2.4e+002 1.7e+002 2.1e+002 2.1e+002 1.7e+002 2.1e+002 1.7e+002 2.1e+002 1.7e+002 2.1e+002 1.7e+002 2.1e+002 1.7e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLFDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATFPADRVK TSGLLHLENNPIISPGFLESQR HIFPAANR GGFGGGGGGARR SMFDADACTR NYIMGLSNICTARGISEAK DALMERLKNVINASEAJDMK + Oxidation (M) TDMIVQENNGISMILEAR TENNTALENVIRINIGDFR + Oxidation (M) TYMNIDADAILONNUMDLR + Oxidation (M) TYMNIDADAILONNUMDLR + Oxidation (M) ALSSGANAAITGDFLMTGGMSIDSDMAMAK + Oxidation (M) VESTLCSTVDAAPMLRHPVR MUSSVLOSGLADIR + Oxidation (M) VESTLCSTVDAAPMLRHPVR GGIDLSLK ENNEGAGRAVDLK MOKESIFOTTACR FROMANINGLOTVAGGGG + Carbamidomethyl (C); Oxidation (M) TUSABPOKENNEK + Oxidation (M) THISAPPANINGDAIPAERGQVGR
	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 706.3637 1117.5640 1107.0240 984.1126 439.2119 668.3553 511.9356 573.5525 401.7362 453.2393 453.2393 453.2393 734.0268 751.7027 775.4205	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 1092,5188 1115,4412 2224,0114 2224,0114 2224,0114 2224,0114 2224,0114 2224,0114 2224,0114 2224,0114 2233,1134 2494,3160 1314,6199 1314,61	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2234.1161 2116.0656 2233.1161 2212.0405 2494.328 1314.6294	-1.98 -0.99 -1.92 3.15 -1.48 1.09 2.19 2.19 1.15 1.57 1.08 -3.97 -1.18 -3.19 -2.32 -0.41 -1.66 -1.22 -3.63 -2.20 0.27 -1.22 -3.63 -2.20 0.27 -1.22 -3.43 -2.43 -2.43 -1.44	1 1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.5e+002 2.1.9e+002 2.4e+002 1.7e+002 2.4e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002	1	RIETPLSLP MNLLSNYAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITHALVTAGVKDAK + Oxidation (M) NPPARAMSHEAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPFADRYK TSGLLHLENDHIISPGFLESQR HTPAANR GGFGGGGGGGGGAR SMYDADACTE MYIMALSMYLCRAFGISEAK DALNEALENVYLNASEADDKK + Oxidation (M) IDMLYGENNOISMILEAR IENNTALEMYRINIGDPR + Oxidation (M) ALSSGANAAITGDFLHTGGMSIDSDMAMAK + Oxidation (M) YSARVOKDVAR NEPKEFHLPPK DMLSVLQSGLADIR + Oxidation (M) VERTLOSIVADAPVLAHDVR GGIDLSLK ENVERGAGRAVDLK MQKESLPIQTTACR FRYMAMINOLCUVLGFGQQR + Carbamidomethyl (C); Oxidation (M) TMSSPANNAGDAIPAERGOVGR SEAEQVREELLSGGDYETIK AGVVVAAAARAPSALGLGTAPASSR + Carbamidomethyl (C)
476   476	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8220 742.364 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356 573.5525 401.732 402.732 403.732 803.4082 1154.0600 583.7733 734.0268 751.7027 775.4205 582.6652 752.6727 775.4205 582.6562 752.6727 775.4205 582.6562 582.6562 752.6727 775.4205 582.6562 582.6562 752.6727 775.4205 582.6562	1024.5896 1673.8990 3500.6572 1126.5536 1673.8990 3500.6572 1126.5536 1692.5118 1015.4412 2224.0714 2224.0714 2224.0714 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 2949.3160 1314.6190 1532.7850 290.1659 801.4578 8156.6961 1604.8018 2306.1054 1165.5320 2199.0586 2252.0863 2232.2397 1744.9738	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1366.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.0802 2224.0802 2224.1161 2116.0556 2233.1161 2212.0405 2934.3228 1314.6204 1334.6983 1532.7868 2901.6996 1356.6997 1604.8014 2306.1082 2106.1082 1259.0528 2129.0588 2233.3430 1744.9757	-1.98	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 1.9e+002 2.e+002 2.e+002 1.7e+002 2.e+002 2.e+002 1.7e+002 2.e+002 2.e+002 1.6e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) COAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLAHLENNPIISPGFLESQR HTPAANR GGFGGGGGAR SMFDADACTR NYIMMLSNNICRAFGISEAK DALMEALROVVINASEAMDHK + Oxidation (M) IDMLVQENNGISMLEAR TENNTALEMYVINIGDER + Oxidation (M) TVMNIDADATICNPNDIDTR + Oxidation (M) TVMNIDADATICNPNDIDTR + Oxidation (M) VSAEVQKDYGR NEFKEFHLPFK MMLSVLOSGLADIR + Oxidation (M) VESTLOSIVDAAPMLSHPVR GGTDLSLK ENVEGAGRAVDLK MQKESLFIQTTACR FROMANTOLCDVLGFGQQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNER + Oxidation (M) TGSDKENNER TGS
476   6   2   2   3   3   5   5   5   5   5   5   5   5	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 766.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.935 573.5525 401.7362 453.2933 803.4082 1154.0600 583.7733 734.0268 755.7775.4205 582.6652 583.9849	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 705,3890 1092,5118 1115,4412 2224,0114 2224,0114 2224,0114 2224,0114 2224,0114 2221,013	1024,5917 1842,0397 793,3938 1673,9022 3500,6461 1126,5553 1367,7409 2438,2628 765,3882 1092,5101 1115,4376 2224,0802 2274,1161 2116,0656 2294,3228 1314,6204 1334,6983 1328,7888 2290,1892 801,6997 1604,8014 2306,1082 1165,5285 2199,0524 2252,0808 2323,2430 1744,9757	-1.98 -0.99 -1.92 3.15 -1.48 1.09 1.15 1.57 1.08 3.22 -3.97 1.18 -3.19 -1.18 -3.19 -1.22 -3.63 -2.32 -0.41 -1.66 -1.22 -3.63 -1.22 -3.63 -1.22 -3.63 -1.24 -1.29 -1.20 -	1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.4e+002 2.4e+002 1.4e+002 1.7e+002 2.4e+002 1.4e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITHALVTAGGKAGLQLK + Oxidation (M) NPARAMSHEAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRYK TSGLLHLENDHIJEPGFLESQR HITPAANR GGFOGGFOGGAF SMFDADACTR NYIMBLSNNICRAFGISEAK DALNEALKSNVINASEAUDMK + Oxidation (M) IDMLVGENNOISMLEAR LENNTALEMYVRINIGDPR + Oxidation (M) TVSMIDADATICNFNNIDIR + Oxidation (M) ALSSGANAATTOFFLHTGMSIDSDMAMAK + Oxidation (M) YSAEVGKDVGR NEFKFHLPFK DMLSVLQSGLADIR + Oxidation (M) VESTLGSIVDAAFWLRHFVY GGTDLSLK RNVEGAGRADLK MOKESLPJOTTACR FRMGANNIQLCDVLGFGQQR + Carbamidomethyl (C); Oxidation (M) IMSSFANMAGDAIPARRGQVGR SEAEGVREELLGGGDFTIK AGVVVAAAARAFSALGLCTAFASSR + Carbamidomethyl (C) SCKLSITLIGKQLIDK ITGSLKEINLLDLYRR
476   476	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 766.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.935 573.5525 401.7362 453.2933 803.4082 1154.0600 583.7733 734.0268 755.7775.4205 582.6652 583.9849	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 705,3890 1092,5118 1115,4412 2224,0114 2224,0114 2224,0114 2224,0114 2224,0114 2221,013	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1366.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.0802 2224.0802 2224.1161 2116.0556 2233.1161 2212.0405 2934.3228 1314.6204 1334.6983 1532.7868 2901.6996 1356.6997 1604.8014 2306.1082 2106.1082 1259.0528 2129.0588 2233.3430 1744.9757	-1.98 -0.99 -1.92 3.15 -1.48 1.09 1.15 1.57 1.08 3.22 -3.97 1.18 -3.19 -1.18 -3.19 -1.22 -3.63 -2.32 -0.41 -1.66 -1.22 -3.63 -1.22 -3.63 -1.22 -3.63 -1.24 -1.29 -1.20 -	1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.3 1.9e+002 2.e+002 2.e+002 1.4e+002 1.6e+002 2.e+002 1.6e+002 2.4e+002 1.6e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) COAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLAHLENNPIISPGFLESQR HTPAANR GGFGGGGGAR SMFDADACTR NYIMMLSNNICRAFGISEAK DALMEALROVVINASEAMDHK + Oxidation (M) IDMLVQENNGISMLEAR TENNTALEMYVINIGDER + Oxidation (M) TVMNIDADATICNPNDIDTR + Oxidation (M) TVMNIDADATICNPNDIDTR + Oxidation (M) VSAEVQKDYGR NEFKEFHLPFK MMLSVLOSGLADIR + Oxidation (M) VESTLOSIVDAAPMLSHPVR GGTDLSLK ENVEGAGRAVDLK MQKESLFIQTTACR FROMANTOLCDVLGFGQQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNER + Oxidation (M) TGSDKENNER TGS
476   6   245   6   161   6   2   2   2   2   2   2   2   2   2	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 456.9214 456.9214 456.9214 456.9214 456.3637 712.8220 372.8210 742.3644 795.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356 573.5525 401.7362 439.2139 834.0262 753.2533 834.0262 753.2532 754.0263 754.2632 755.2652	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0714 2212,0334 2212,0334 2212,0344 2212,0344 2213,1134,6990 1532,6960 1504,8018 1356,6961 1604,8018 2306,1054 1165,5320 2199,0863 2232,2381 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2212.0405 2494.3228 1314.6294 1334.6983 1532.7868 2290.1892 801.4596 1334.693 1532.7868 2290.1892 230.1892 1655.5285 2199.0524 2252.0808 2232.3430 1744.9757 1748.9308 1587.7339	-1.98 -0.99 3.79 -1.92 -	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.4e+002 2.4e+002 1.4e+002 1.7e+002 2.4e+002 1.4e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002 1.8e+002	1	RIETPLSLP MNLLSNVAIGGRAGLQLK + Oxidation (M) CAKCTIR DMITHALVTAGGRAGLQLK + Oxidation (M) NPARAMSHEAGLLDAFENGCLFDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATFFADRVK TSGLLHLENDHIJEFOFFLESQR HITPAANR GGFOGGFOGGAF SMFDADACTR NYIMBLSNNICRAFGISEAK DALNEALENVINASEADDMK + Oxidation (M) IDMLVGENNOISMLEAR LENNTALEMYVRINIGDFR + Oxidation (M) TVSMIDADATICNFNNIDIR + Oxidation (M) ALSSGANAAITOFFLHTGMSIDSDMAMAK + Oxidation (M) YSAEVGKDVGR NEFKFHLPFK DMLSVLQSGLADIR + Oxidation (M) VESTLCSIVDAAFWLRHFVVR GGIDLSLK RNVEGAGRAVDLK MOKRSLPTOTTACR FREGANNOLCDVLGFGQQR + Carbamidomethyl (C); Oxidation (M) IMSSFANNAGDATARRGQVGR SEAEOVRERLLSGGDVETIK AGVVVAAAARAFSALGLCTAFASSR + Carbamidomethyl (C) SCKLSITLIGKQLIDK
	531,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 6610,5743 383,7018 547,2632 372,8210 742,3644 759,0468 706,3637 1117,5640 1107,0240 984,1126 439,2139 668,3553 573,5525 401,7362 451,2393 803,4092 1154,0600 533,7733 734,0738 737,5725 582,6652 583,9849 794,8711 724,6883	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1126.5536 1052.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 22949.3160 1532.7850 2590.1809 801.4578 1356.6961 1604.8018 2306.1054 1165.5320 2199.0586 2252.0863 2232.3297 1744.9738 1744.9738 1744.9739 1744.9739 1748.9739 1587.7276	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 2949.3228 1314.6204 1334.6993 1532.7868 2290.1892 801.4596 1356.6997 1665.8997 1665.891 165.582 1299.0524 2292.0808 2323.2430 1744.9757 1748.9308 1587.7239 2171.090	-1.98 -0.99 3.79 -1.92 -	1 1 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 1 1 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.3 1.9e+002 2.e+002 2.e+002 1.4e+002 1.6e+002 2.e+002 1.6e+002 2.4e+002 1.6e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) COAKCTIR DMIINALVTAGVKDAK + Oxidation (M) NNPARAMSHEAGLLDAFENGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPFADRVK TSGLEHLEMPIISPGFLESQR HITPAANR GGFGGGGGGAR SMFDADACTR NYIMHLSNNICHARGISEAK DALNEALKNVVINASEAMDNK + Oxidation (M) IDMIVGENNOISMILEAR IENNTALEMPYLINIGDDR + Oxidation (M) TVYMIDADAICNNNDIDTR + Oxidation (M) TVYMIDADAICNNNDIDTR + Oxidation (M) VSARVQKDVGR NEFKEFILPFK DMLSVLGGGLADIR + Oxidation (M) VSETLOSIVDAAPMLEHPVR GGIDLSLK ENVEGGRAVDLK NOKESLPJOTTACR FREGANINDLCDVLGFGQQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNER + Oxidation (M) TGSDKENNER + O
	531,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 6610,5743 383,7018 547,2632 372,8210 742,3644 759,0468 706,3637 1117,5640 1107,0240 984,1126 439,2139 668,3553 573,5525 401,7362 451,2393 803,4092 1154,0600 533,7733 734,0738 737,5725 582,6652 583,9849 794,8711 724,6883	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1126.5536 1052.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 22949.3160 1532.7850 2590.1809 801.4578 1356.6961 1604.8018 2306.1054 1165.5320 2199.0586 2252.0863 2232.3297 1744.9738 1744.9738 1744.9739 1744.9739 1748.9739 1587.7276	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2212.0405 2494.3228 1314.6294 1334.6983 1532.7868 2290.1892 801.4596 1334.693 1532.7868 2290.1892 230.1892 1655.5285 2199.0524 2252.0808 2232.3430 1744.9757 1748.9308 1587.7339	-1.98 -0.99 3.79 -1.92 -	1 1 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 1 1 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.3 1.9e+002 2.e+002 2.e+002 1.4e+002 2.e+002 1.4e+002 1.6e+002 2.4e+002 1.6e+002	1	NITETISLEP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLFDLEAVMLGR + 2 Oxidation (M) CHLUGGLGDR LSDVATFPADRVK TSGLLHELENPIISPGFLESQR HIFPAANR GGFGGGGGGAR SMFDADACTR MYIMGLSNNICRAFGISEAN DALMEALKNVINASEAUDMK + Oxidation (M) TDMIVQENNGISHILEAR TENNTALENVIRINIGDFS + Oxidation (M) TVMNIDADAICNNNUTHASEAUDMK + Oxidation (M) TVMNIDADAICNNUTHASEAUDMK + Oxidation (M) TVMNIDADAICNNUTHASEAUDMK + Oxidation (M) VESTILOSUPPER + Oxidation (M) VESTILOSUPPER + Oxidation (M) VESTILOSUPPER + Oxidation (M) VESTILOSUPPER + Oxidation (M) TVSAEVGKYGR MERKEFHLPFK GGIDLSLK ENVEGAGRAVDLK MOKESLFIGTTACR FREMANINGLDVLGFGQOR + Carbamidomethyl (C); Oxidation (M) IGSDKEMMEK + Oxidation (M) IGSDKEMMEK + Oxidation (M) TMSAFANNAGDAIFAERGGYGG SEAEQVREELEGGDUETIK AGVVVAAARARSSALGLTAPASSR + Carbamidomethyl (C) SCNLSITILGKQLIDK ITGSIKLENLDLYDR FLQDEFHTISSDR VMENITLDSRGIBDIGAAVK + Oxidation (M)
	531,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 6610,5743 383,7018 547,2632 372,8210 742,3644 759,0468 706,3637 1117,5640 1107,0240 984,1126 439,2139 668,3553 573,5525 401,7362 451,2393 803,4092 1154,0600 533,7733 734,0738 737,5725 582,6652 583,9849 794,8711 724,6883	1024,5896 1793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0714 2274,1186 2116,0693 2233,1134 2212,0334 2223,1134 2212,034 2949,3160 1314,6960 1532,7850 290,1809 801,4578 1356,6961 1604,8018 2306,1054 165,5320 2199,0586 2252,0863 2323,2397 1744,9738 1744,9738 1748,9329 1848,9329 1744,9738 1748,9329 1748,9329 1748,9329 1748,9329 1748,9329 1749,9329 1	1024.5917 1842.0397 1793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2212.0405 2233.1161 2212.0405 2331.162 1334.6204 1334.6983 1532.7868 2290.1892 2806.1082 2306.1082 2306.1082 2323.2301 1744.9757 1748.9398 1744.9757 1748.9398 1744.9757 1748.9398 1741.0490 2228.0671	-1.98 -0.99 3.79 -1.92 -1.98 4.10 -1.99 3.79 -1.92 -1.92 -1.95 -1.48 8.3.19 -1.57 3.22 -0.41 -1.66 -0.2.32 -0.42 -1.22 -3.63 -0.2.20 0.27 -1.20 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.22 -1.23 -1.44 -1.66 -1.22 -1.22 -1.23 -1.24 -1.24 -1.25	1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.44e1002 1.7e+002 1.4e+002 1.4e+002 1.5e+002 2.e+002 2.e+002 2.e+002 1.5e+002 2.e+002 2.e+002 1.7e+002 2.e+002 1.4e+002 1.7e+002 2.e+002 1.4e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.6e+002 1.8e+002	1	RIETPLSLP MRLLSNVAIGGKAGLQLK + Oxidation (M) COAKCTIR DMITHALVTHAGVEDAK + Oxidation (M) MNPARAMSHEAGLDAPHGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLLHLENNPIISPGFLESQR HITPAANR GGPGGGGGAR SMPHADACTR NYIMMLSNNICSAPGISEAK DALMERLENVUINASEABDUK + Oxidation (M) IDMLVQENNQISMILEAR IENNTALESWYEINIGDPR + Oxidation (M) TVWMIDADAICNNNIDTR + Oxidation (M) TVWMIDADAICNNDIDTR + Oxidation (M) VSARVGKDYGR NEPKREHLPK DMLSVLQSGLADIR + Oxidation (M) VSETICSIVDAAPWLHBVR GGIDLSLK ENVEGGGGARAUDLK MOKESLFIOTTACR FEMGAMINQLCDVLGGGQGR + Carbamidomethyl (C); Oxidation (M) IGSDKEMEK + Oxidation (M) MSAPAMMAGDAIPASER + Carbamidomethyl (C) SCNLSITLIGKQLIDK GTOWNSAPAMAGDAIPASER + Carbamidomethyl (C) SCNLSITLIGKQLIDK TUGSLKENLLDLYDR FLQDEFNTISSDR VMMSITLISSMQISDAIGAAVK + Oxidation (M) VMARPANMAGDAIPAEDEMLKVK + Oxidation (M) VMARPELMERDLEDEMLKVK + Oxidation (M) VMARPELMERDEDEMLKVK + Oxidation (M)
	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 759.0468 766.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356 573.5525 401.7362 453.2333 803.4082 1154.0660 583.7733 734.0268 755.3552 582.6693 794.8783 794.8783 115.0420 425.7363 1115.0420 425.7363 1115.0420	1024,5896 1842,0378 793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0114 2212,034 2212,034 2212,034 2212,034 2212,034 2212,034 2212,034 2212,034 2212,034 2212,034 2212,034 2213,1134 2213,1134 2213,1134 2213,134 2223,134 2231 2231 2231 2231 2231 2231 2231 2	1024.5917 1842.0397 1793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2212.0405 2233.1161 2212.0405 2331.162 1334.6204 1334.6983 1532.7868 2290.1892 2806.1082 2306.1082 2306.1082 2323.2301 1744.9757 1748.9398 1744.9757 1748.9398 1744.9757 1748.9398 1741.0490 2228.0671	-1.98 -0.99 3.79 -1.92 3.79 -1.92 3.79 3.15 -1.48 8.10 9.99 3.15 -1.48 8.10 9.10 1.15 -1.57 3.22 -3.97 -1.57 3.22 -3.97 -1.20 -0.41 -1.66 9.0.27 -1.20 9.0.27 -1.	1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 2.9e+002 1.9e+002 2.e+002 1.6e+002 2.e+002 1.7e+002 2.e+002 1.6e+002 2.te+002 1.6e+002 2.te+002 1.6e+002 2.te+002 1.6e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLFDLEAVMLGR + 2 Oxidation (M) CHLKGELDR LSDVATPPADRVK TSGLHLENNPTISPGFLESQR HITPAANR GGFGGGGGGAR SMFDADACTR MYIMMLSNNICRAPGISEAK DALNEALSNVINASEAJDNK + Oxidation (M) IDMIVQENNGISMILEAR TENNTALEMYVINIGDRP + Oxidation (M) TVMNIDADATIONNDIDTR + Oxidation (M) TVMNIDADATIONNDIDTR + Oxidation (M) ALSSGANAAITGDFLMTGGMSIDSDMAMAK + Oxidation (M) YSAEVGKDVGR MESVEFHLPFK MMSJVLOSGLADIR + Oxidation (M) VEETLGSIVDAAPMLRHPVR GGIDLSLK ENVEGAGRAVDLK MOKESLPIQTTACR FRYMAMINGLOVLGSGQQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNEK + Oxidation (M) TMSAPAMRADADIAPERGGQVS SEAEQVREELLSGDYETIK AGVVVAAARAPSALDLTAPASSR + Carbamidomethyl (C) SCNLSITLICQLIDK TIGSLKLENLDLYDR FLODEFWITSISDR VMEITLDSMQISDAIGAAVK + Oxidation (M) VAMAREINEPDEDEMLKVK + Oxidation (M) VYIVNDK
476   476	531,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 456,9214 456,9214 456,9214 475,921 472,3644 772,362 472,3644 772,362 472,3644 772,362 473,273 473,773	1024.5896 1842.0378 1793.3968 1673.8990 3500.6572 1126.5536 126.5536 1052.5118 1115.4412 2224.0714 2274.1186 2116.0693 2234.0714 2274.1186 2134.6199 1334.6690 1334.6690 1334.6691 165.5360 1604.8018 2306.1054 165.5320 2199.0586 2252.0863 2333.1234 1744.9738 1744.9738 1744.9738 1744.9738 1748.9329 1744.9738 1748.9329 1744.9738 1748.9329 1744.9738 1748.9329 1897.7276 2171.0431 2228.0964 849.4580 2259.2394	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 2949.328 1314.6204 1334.6983 1552.7868 2299.1892 801.4596 1352.6997 1604.8014 2306.1082 1655.2825 2199.0524 2252.0808 2323.2430 1744.9757 1744.9757 1744.9757 1744.9758 1744.9757 1744.9757 1744.9757 1744.9757 1748.9308	-1.98 -0.99 -1.92 -1.92 -1.93 -1.92 -1.92 -1.92 -1.92 -1.93	111111100000000000000000000000000000000	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.44e+002 1.7e+002 1.4e+002 1.4e+002 1.5e+002 2.e+002 2.e+002 2.e+002 2.e+002 1.4e+002 1.5e+002 2.e+002 2.e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2.4e+002 1.6e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMITNALVTAGVKDAK + Oxidation (M) NFDRARMSHRAGLDAPENGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLHLENDHITSPGFLESQR HITPAANR GGFGGGGGGAR SMFDADACTR NYIMMLSNNICRAPGISEAK DALNEALSNVINASEAUDMK + Oxidation (M) TOMIVGENNGISHILEAR TENNTALEMYNEINIGDPS + Oxidation (M) TVMWIDADAIICNPHNDIR + Oxidation (M) TVMWIDADAIICNPHNDIR + Oxidation (M) TVSMFUGGNAATTOFFLHTGGMSIDSDMAMAK + Oxidation (M) VSAEVGKDVGR MESPLESGLADER + Oxidation (M) VEETLCSIVDAAFWLHHPVR GGIDISLK MOKESLFOTTACR SENVEGAGRAVDLK MOKESLFOTTACR TREMSHAMMAGDAIPARROQVGR SEARCVREELEGGDVETIK AGVVVAAARARPSALGLTAPASSR + Carbamidomethyl (C) SCNLSLILIGGGDVETIK AGVVVAAARARPSALGLTAPASSR + Carbamidomethyl (C) SCNLSLILILGKQLIDK TTGSIKKENLDLTOR FLODENTISSDR WHEITLDSRIGDAIGAAVK + Oxidation (M) VAMARPINEPDEDEMMLKVK + Oxidation (M) VANARPINEPDEDEMMLKVK + Oxidation (M) VYIVNDK MLOTPPARAAREVUVVDRLR + Oxidation (M)
476   476	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8220 742.3644 795.0468 706.3637 1117.5640 1107.0240 984.1126 439.2139 668.3553 511.9356 573.5525 401.7362 439.2139 83.4082 1154.0600 533.7733 734.0262 795.2658 797.4205 582.6652 583.9849 794.8711 724.6883 1115.0420 425.7363 1130.6270 513.2648 559.7646	1024,5896 1842,0378 1793,3968 1673,8990 3500,6572 1126,5536 1367,7424 2438,2681 765,3890 1092,5118 1115,4412 2224,0714 2212,0314 2212,0334 2249,3160 1314,6199 1334,6960 1532,7850 2290,1809 801,6961 1604,8018 2306,1094 1165,5320 2199,2586 1299,25863 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1744,9738 1748,9229 1741,9731 1728,0694 1894,5800 1259,2394 1536,7726	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 3500.6461 1126.5553 1673.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 2949.3228 1314.6204 1334.683 1532.7668 2290.1892 801.4596 1356.6997 165.5285 2199.0524 2252.0808 2333.1241 2344.9757 1748.9308 1567.7239 2171.0490 2228.0671 849.4596 2228.0671 849.4596	-1.98 -0.99 -1.92 -1.92 -1.93 -1.92	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 2.3 1.9e+002 2.e+002 2.e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.4e+002 1.6e+002 2.4e+002 1.6e+002	1	RIETPIS.LP MNLLSNVAIGGKAGLQLK + Oxidation (M) COAKCTIR DMIINALVTAGVKDAK + Oxidation (M) NNPARAMSHEAGLLDAFENGCLPDLEAVMLGR + 2 Oxidation (M) CHLKGELGDR LSDVATPPADRVK TSGLEHLEMPIISPGFLESQR HITPAANR GGFGGGGGGAR SMPHADACTR NYIHMISNICRAPGISEAK DALNEALKNIVINASEAMDNK + Oxidation (M) IDMIVGENNGISHILEAR TENNTALEMPYENINIGDR + Oxidation (M) TVMMIDADAICNNNDIDR + Oxidation (M) TVMMIDADAICNNNDIDR + Oxidation (M) TVMMIDADAICNNNDIDR + Oxidation (M) VSARVGKDYGR NEFKEFHLPFK MUMSVLGSGLADIR + Oxidation (M) VEETLGSIVDAAPMLHHPVR GGIDLSLK ENVEGAGRAVDLK NGKESLPIQTTACR FREGAMINGLCOVLGPGQQR + Carbamidomethyl (C); Oxidation (M) IGSDKENNER + Oxidation (M) TMSAPAMMAGDAIPASSGR + Carbamidomethyl (C) SCNLSLITLIGKQLIDK ITGSIKLENLDLYDR FLOGEMFITSSDR VMSTILDSKGJSDRAAVK + Oxidation (M) VVANAPENIERSDE
476   476	533,3021 922,0262 397,7057 558,9736 1167,8930 564,2841 456,9214 6610,5743 383,7018 547,2632 372,8210 742,3644 759,0468 706,3637 1117,5640 1107,0240 984,1126 439,2139 668,3553 573,5525 401,7362 453,2393 803,4092 1154,0600 583,7733 775,4205 582,652 583,984 794,8711 724,6883 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363 1115,0420 425,7363	1024.5896 1842.0378 793.3968 1673.8990 3500.6572 1126.5536 1126.5536 1052.5118 1115.4412 2224.0714 2274.1186 2116.0693 2233.1134 2212.0334 2249.3140 1314.6199 1334.6990 1332.7850 1252.7850 1356.4801 1364.8018 1364.80	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2224.1161 2212.0405 2949.3228 1314.6204 1334.6983 1532.7686 2290.1892 801.4596 1334.693 1532.7686 2290.1892 801.4596 1346.8937 1604.8014 2306.1082 1465.5285 2199.2040 223.3161 2171.0490 2228.0671 849.9386	-1.98 -0.99	1 1 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 1 1 1 0 0 0 1	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 753 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.5e+002 2.e+002 2.e+002 2.e+002 2.e+002 2.e+002 2.e+002 1.7e+002 2.e+002 2.e+002 1.4e+002 1.7e+002 2.fe+002 1.6e+002 1.6e+002 1.6e+002 1.8e+002 1.9e+002	1	RIETPLSLP MNLLSNVAIGGKAGLQLK + Oxidation (M) CAKCTIR DMIINALVTAGGKAGLQLK + Oxidation (M) NNPARAMSHFAGLLDAFEHGCLFDLEAVMLGR + 2 Oxidation (M) CHLUGGLGDR LSDVATFPADRVK TSGLLHLENNPIISPGFLESQR HIFPAANR GGFGGGGGGAR SMPDADACTR NYIMLSNNICARGISEAN DALMEALKNVINASEAUDMK + Oxidation (M) TOMINGENNIVINASEAUDMK + Oxidation (M) TYMNIDADAILCNNNHDIRF + Oxidation (M) TYMNIDADAILCNNHDIRF + Oxidation (M) TYMNIDADAILCNNHDIRF + Oxidation (M) TYSAEVGRYGR NEFKEFHLPFW MUSSYLOSGLADIR + Oxidation (M) VESTLOSTVDAAPWLHFUFW GGIDLSLK ENNEAGRAVDLK MOKESLFIOTTACR FREMANINGLOTALGRAF + Oxidation (M) TUSASPANINGDAIPARGOVGR SEARCYNEELLSGGDVETIK AGVVVAAAARAPSALGLTAPASSR + Carbamidomethyl (C) SCNLSLTLICKQLIDK TIGSIKLENLDLYDR FLQDEFNTISSDR VMEITLISSMJSBAIGAAVK + Oxidation (M) VANARPINEPDEDEMLKVK + Oxidation (M) VYTVNEK MLOTPPAPAAAEPVLVVDRLR + Oxidation (M) CPPPTFAIPPDLNR
	513.3021 922.0262 397.7057 558.9736 1167.8930 564.2841 456.9214 610.5743 383.7018 547.2632 372.8210 742.3644 799.0468 706.3637 1117.5640 1107.0240 994.1126 439.2139 668.3553 511.9356 573.525 453.2333 803.4082 1154.0600 583.7733 734.0268 751.7027 775.4205 582.6652 582.6652 582.6652 582.6652 583.9849 794.8711 724.6883 1115.0420 425.7363 113.0420 425.7363	1024.5896 1842.0378 1842.0378 1873.3968 1673.8990 3500.6572 1126.5536 1367.7424 2438.2681 1052.5118 1115.4412 2224.0114 2274.1186 2116.0693 2233.1134 2212.0334 2212.0314 2214.0186 1314.6199 1334.6960 1532.7850 2290.1809 801.4578 1356.6961 1604.8018 2306.1054 1655.5320 2199.0586 2252.0863 2323.2397 1744.9738 1748.9329 1849.3160 2291.0431 2228.0694 849.4580 2559.2746 2171.0431 2228.0694 849.4580 2559.2746 2171.0431 2228.0694 849.4580 2559.2746 2171.0431 2228.0694	1024.5917 1842.0397 793.3938 1673.9022 3500.6461 1126.5553 1367.7409 2438.2628 765.3882 1092.5101 1115.4376 2224.0802 2274.1161 2212.0405 2949.3228 1314.6204 1334.6993 1532.7868 2290.1892 261.655685 165.5285 165.5285 165.5285 165.5285 165.5285 1744.9757 1748.9308 1587.7239 2171.0490 2228.0671 849.4596	-1.98 -0.99 -1.92 -1.92 -1.93 -1.92 -1.92 -1.92 -1.92 -1.92 -1.92 -1.93	1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	97 75 3.4e+002 1.7e+002 1.4e+002 1.4e+002 1.4e+002 1.5e+002 2e+002 2e+002 2e+002 1.4e+002 1.7e+002 2.4e+002 1.7e+002 2.4e+002 1.8e+002	1	RIETPISIP MRLISNVAIGGKAGLQLK + Oxidation (M) COMCTIR DMITHALVTHOWEDAK + Oxidation (M) MNPARAMSHEAGLDAPHGCLPDLEAVMLGR + 2 Oxidation (M) CHILGGELGDR LEDVATPADRYK TSGLIHLENNPIISPGFLESQR HITPAANR GGFGGGGGGAR SMFDADACTR NYIHMISNNICRAPGISEAK DALMERLENVUINASEADDHK + Oxidation (M) IDMLVQENNQISMILEAR IENNTALERWYEINIGDDR + Oxidation (M) TVWMIDADAICNNNIDTR + Oxidation (M) TVWMIDADAICNNDIDTR + Oxidation (M) VSARVOKDYGR NEPERENHLPK DMLSVLOSGLADIR + Oxidation (M) VSARVOKDYGR EPERENHLPK MOKESJETOTACR FRMGAMINQLCDVLGFGGQR + Carbamidomethyl (C); Oxidation (M) IGBDKENNEK + Oxidation (M) MSARVOKDAGALFAREAGCONG FRMGAMINQLCDVLGFGGQR + Carbamidomethyl (C) SCNLSITLIGKQLIDK AGVVVAARABAPSALGLTAPASSR + Carbamidomethyl (C) SCNLSITLIGKQLIDK TYGSLERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR FLOGERHARDLYOR VMANEFILERDEDEMLKYK + Oxidation (M) VYTYNOK MLOTPFRARAARFVLVVDRLR + Oxidation (M) CEPPTFATPFDLIN EHSQBDIR LAMELANNYCDALGSA

<b></b>	2750	1076.0450	2150.0754	2150.0752	0.13	1	15	2.2e+002	1	DTMTVKLVDFGMAALQPEGK
<b>W</b>	3019	1130.6270	2259.2394	2259.2409	-0.65	1	15	67	1	MLQTPPAPAAAEPVLVVDRLR + Oxidation (M)
<b></b>	2024	554.9739	1661.8999	1661.9062	-3.80	1	15	1.3e+002	1	VLEKCIAEEQLLFK
8	164	397.7060	793.3974	793.4004	-3.69	0	15	4.1e+002	1	SSLVSACK
<b>~</b>	2348	597.6601		1789.9574	0.59	0	15	1.4e+002	1	ELSHLPIIVDPSQGTGK
8	2860			2194.0616		1		1.9e+002	1	RYEGFDLSILEPDGLMPDK
₩.	3112			2290.1847		0		1.7e+002	1	MGLICATPTAGSAGVLAGVLMAVR + 2 Oxidation (M)
₽	1959			1595.7766		1		2.3e+002	1	KFALGGHGDMYGLSK + Oxidation (M)
₩	107	379.2081	756.4016			0		1.1e+002	1	AIDPDVK
8	1889			1566.7831		0		2.2e+002	1	YAEPFSALAWLSGR
8	3137			2300.2674		0	14	61	1	LAQELGIAIGVGSQRPMIIYR + Oxidation (M)
₩	2829			2182.0220				1.5e+002	1	MDYLIMTAIMSLHNEAAAR + 2 Oxidation (M)
<b>*</b>	1481			1340.7048		1		1.8e+002	1	ERLDNPQGATIK
8	3092			2287.2284		1		1.2e+002	1	EGQAAAALADILVYGLSQSRVR
<b>W</b>	1937			1581.7933		0	14	2.3e+002	1	EIMVGAAQAAHAEIR + Oxidation (M)
8	3322	1196.0960	2390.1774	2390.1756	0.77	1	14	2.1e+002	1	LTAGTVVNLVPDRAEMLMECR + Carbamidomethyl (C); Oxidation (M)
<b>*</b>	905	603.8015	1205.5884	1205.5928	-3.61	0	14	2.3e+002	1	LPFGNSLESDK
₩.	2026	832.3857	1662.7568	1662.7598	-1.75	0	14	1.2e+002	1	ASTFVQSHNEETSAR
<b>W</b>	1478	447.9081	1340.7025	1340.7048	-1.75	1	14	2e+002	1	SRSSVAAPPSPTGK
8	1492	672.3363	1342.6580	1342.6551	2.20	1	14	2e+002	1	KDLLNHVDMDK + Oxidation (M)
<b>*</b>	2336	892.4843	1782.9540	1782.9588	-2.64	1	14	2.7e+002	1	ALANVLSIAEQNAADRK
<b></b>	775	579.2728	1156.5310	1156.5342	-2.73	1	14	90	1	CRHACGQIR + 2 Carbamidomethyl (C)
<b>W</b>	2218	874.9808	1747.9470	1747.9509	-2.19	0	14	1.4e+002	1	FTAADIVTGGVLLWASK
8	877	598.2822	1194.5498	1194.5525	-2.25	0	14	1.8e+002	1	CGALALWSCSK + Carbamidomethyl (C)
w	947			1217.5524		0		1.2e+002	1	TEEEQEIANR
<b>3</b>	2473			1857.0295		1	14	77	1	LQMNGKKPAPVTPHPVK + Oxidation (M)
₩	2624			2048.0249		0	14	2.4e+002	1	VLCAPEAAIGETGPGVSPQPV + Carbamidomethyl (C)
₩	2593			1990.0735		1		1.2e+002	1	YSVIQVKTEQQANEILK
₩	1127			1257.6214		1		1.8e+002	1	ROLEEFGHSR
8	2859			2194.0663		1		1.9e+002	1	LHCKGMANVSLWQLGSYSK + Carbamidomethyl (C); Oxidation (M)
₩	2859 1816			1524.7792				2.2e+002	1	EIFVMRSGAIQMK + Oxidation (M)
						1	14		1	DFVSLYENLKSTINK
8	2272			1769.9199				2e+002 2e+002		
8	3291			2373.1551			14		1	WTHQFMKCPFVFYIANLR + Carbamidomethyl (C); Oxidation (M)
8	466			1015.5525				4.2e+002		FAPPLVMNK
8	1103			1249.5800		0		1.6e+002		HNHATTDADLR
8	2335			1782.9450		1		1.5e+002	1	HPKNIQQSLYPAMLK + Oxidation (M)
₩.	880			1194.6357		1		2.3e+002	1	KSGYVTAVQSR
<b>W</b>	3194			2318.1424		0	14	2.1e+002	1	SGTEASSGGMSIPTAVVIETPVGR + Oxidation (M)
<b>W</b>	386	480.7531	959.4916	959.4924	-0.75	0	14	3.4e+002	1	IDPTASTQK
<b>3</b>	2891	1104.1160	2206.2174	2206.2209	-1.55	1	14	68	1	SLSITALSANDFTLNTIGIKK
<b>W</b>	1681	467.2433	1398.7081	1398.7065	1.15	0	14	2.1e+002	1	AITLATDVMTYGK + Oxidation (M)
₩	2947	558.2595	2229.0089	2229.0008	3.61	0	14	1.1e+002	1	MDDDPPGALVLDSVSHAFGDR + Oxidation (M)
<b></b>	2137	572.6497	1714.9273	1714.9213	3.47	1	14	1.7e+002	1	LRSVEESAGVSLNNIK
8	2248	878.5101	1755 0056	1755 0043						
				1/55.0043	0.79	1	14	49	1	ALRIALEPVLEASAFR
<b>~</b>	2453	615.6903		1844.0560		1	14 14	49 43	1	ALRIALEPVLEASAFR LVGEYIVNNFPVKPKK
	2453 2706		1844.0491	1844.0560	-3.75		14	43		LVGEYIVNNFPVKPKK
8	2706		1844.0491		-3.75 2.98	1	14 14		1	
	2706 118	711.6964 382.2198	1844.0491 2132.0674 762.4250	1844.0560 2132.0610 762.4276	-3.75 2.98 -3.32	1	14 14 14	43 2.3e+002 3.2e+002	1 1	LVGEYIVNNFPVKPKK EDPTAAGAQYQLGRTAALSGR YVPVKSA
8	2706 118 1989	711.6964 382.2198 542.2758	1844.0491 2132.0674 762.4250 1623.8056	1844.0560 2132.0610	-3.75 2.98 -3.32 1.04	1 1 1	14 14 14 14	43 2.3e+002	1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAQYQLGRTAALSGR
8	2706 118	711.6964 382.2198 542.2758 1146.0630	1844.0491 2132.0674 762.4250 1623.8056 2290.1114	1844.0560 2132.0610 762.4276 1623.8039	-3.75 2.98 -3.32 1.04 -1.58	1 1 1	14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002	1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAQYQLGRTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M)
8 8	2706 118 1989 3096	711.6964 382.2198 542.2758 1146.0630 783.4086	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040	1844.0560 2132.0610 762.4276 1623.8039 2290.1151	-3.75 2.98 -3.32 1.04 -1.58 2.51	1 1 1 0	14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002	1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAQYQLGRTAALSGR YVPVKSA TAMMNDFEVLLSGR + Oxidation (M) MLAYNEDDNEIILVPLEQR + Oxidation (M)
X X X X X	2706 118 1989 3096 3261 871	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121	-3.75 2.98 -3.32 1.04 -1.58 2.51	1 1 1 0	14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002	1 1 1 1 1	LVGEYIVRNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEILIVPLEGR + Oxidation (M) IDETWENSLSPDSINAITEK
	2706 118 1989 3096 3261 871 1175	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73	1 1 1 0 0	14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002	1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGRTAALSGR YVPVKSA TAMENDFEIVLSGR + Oxidation (M) MLAYMEDDNEILVPLEGR + Oxidation (M) IDEIVMPNSLSPDSINAIEK EMSELTAKLR + Oxidation (M)
* * * * * * *	2706 118 1989 3096 3261 871 1175 2366	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83	1 1 1 0 0 1	14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002 2.1e+002	1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQIGRTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYWEDDNEILVPLEGR + Oxidation (M) IDEIVMENSLSPDSINAITEK EMSELTAKLR + Oxidation (M) SIGGNVSLGVARK LIDDLALEIGRKAVLQK
X X X X X X X	2706 118 1989 3096 3261 871 1175 2366 1782	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33	1 1 1 0 0 1	14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002 2.1e+002 75 2e+002	1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYGLGRTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLATNEDDNSILVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINAIIEK EMBELTAKER + Oxidation (M) SIQANVSLOVATK
	2706 118 1989 3096 3261 871 1175 2366 1782 1895	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96	1 1 1 0 0 1 0	14 14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002 2.1e+002 75 2e+002 2.7e+002	1 1 1 1 1 1 1 1 1 1	LVGEYIVRNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEILIVPLEGR + Oxidation (M) IDETUMPNSLSPDSINAITEK EMBELTAKLR + Oxidation (M) SIGONVSLGVATK LITDILALEIGKAAVLQK AIANYGALAAKR SYPKEFYSGLASGR
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56	1 1 1 0 0 1 0 1 1	14 14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002 2.1e+002 75 2e+002 2.7e+002 1.9e+002	1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQIGRTAALSGR YVPVKSA TAMENDFEIVLSGR + Oxidation (M) MLATWEDDWEITLVPLEGR + Oxidation (M) IDETUMENTS.SPSSITALITEK EMSELTAKUR + Oxidation (M) SIGGNVSLGVATK LIDDLALEIGRAAVLQK AIANAYGADLAATKR SVPREFYSGLASGR MANLICLUMVENSLPDGFSTK + Oxidation (M)
* * * * * * * * * * *	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 2184.0265 699.4167	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23	1 1 1 0 0 1 0 1 1 1 0	14 14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 75 2e+002 2.7e+002 1.9e+002 1.9e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYGLGRTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLATNEDDNEILVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINAIIEK EMPELTAKER + Oxidation (M) SIGANVSLGVATK LITDLALEIGKAAVLGK AIANAYGALAATER SVPERFYSGLASGR MONILCLMVENSLPDGFSTK + Oxidation (M) IEVVIQ
* * * * * * * * * * * * *	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25	1 1 1 0 0 1 0 1 1 1 0 0	14 14 14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 2.1e+002 2.1e+002 1.9e+002 1.9e+002 1.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEILIVPLEGR + Oxidation (M) IDETVMENUSSPDSIMAITEK EMSELTAKLR + Oxidation (M) SIQONVSLGVATK LTDDLALEIGKAAVLQK AIANAYGADLAATKR SYPKEFYSGLASGR MANILCIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYWNENIE
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 -0.33 2.96 3.56 2.23 0.25 2.47	1 1 1 0 0 1 0 1 1 1 0 0	14 14 14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 2.2e+002 1.9e+002 1.3e+002 1.3e+002 1.3e+002 98	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVMNFPVKPKK  EDPTAAGAGYQLGRTAALSGR YVPVKSA TAMMNDFEVLISGR + Oxidation (M) M.ATNEDDNETILVPLEGR + Oxidation (M) IDETVERNSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGNOVSLGVATK LITDILALEIGNAAVLGK AIANAYGALAATICR SVPREFYSGLASGR MANILCIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYMNSHIR MDDVDSALADANVK + Oxidation (M)
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.3298	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 2184.0343 699.4182 1066.4834 1407.6222 1178.6450	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 2184.0265 699.4167 1066.4832 1407.6188 1178.6421	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50	1 1 1 0 0 0 1 0 1 1 0 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 75 2e+002 2.7e+002 1.9e+002 1.3e+002 1.2e+002 98	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGGQYGLGRTAALSGR YVFVKSA TAMENDFEIVLSGR + Oxidation (M) M.AYNEDNENILIVPLEGR + Oxidation (M) IDEIVNFNSLSPDSINAIIEK EMSELTAKLR + Oxidation (M) SIGGNVSLGVATK LITDILALEIGKAAVLGK ALANAYGADLAATKR SVPREFYSGLAEGR MMNILCLMVENSLPDGFSTK + Oxidation (M) IEVVIG DYNNSNIE MDDVDSALADNVK + Oxidation (M) ARGGGGYWGR
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842 2549	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 425.2426 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.3298 638.6990	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1178.755	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 1292.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90	1 1 1 0 0 0 1 1 0 0 0 1 0 0 0 0 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14	43 2.3e+002 2.7e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 1.9e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 58	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGRTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEIILVPLEGR + Oxidation (M) TDETVMENSLSPDSIMAITEK EMSELTAKLR + Oxidation (M) SICONVSLGVATK LITDDLALEIGKAAVLQK AIANNYGADLAATKR SYPEEFYSGLASGR MONILCLMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALAANNYK + Oxidation (M) ARGGHQWWLR LESYTILRIDGSVPAGLR
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842 2549 1232	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.3298 638.6990 644.8387	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 1272.7060 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 1292.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90 1.83	1 1 1 0 0 1 0 1 1 0 0 0 1 1 1 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 2.1e+002 2.7e+002 2.7e+002 1.9e+002 1.3e+002 1.2e+002 68 3.1e+002 58	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGGYQLGKTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) M.ATNEDNENILIVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINAIIEK EMSELTAKUR + Oxidation (M) SIGONVSLGVATK LITDILALEIGKAAVLQK ATANAYGABLAATUR SVPREFYSGLABGR MANILCLAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MDDVSSALADNVK + Oxidation (M) ARGGMQWLR LFSVTLREDGSVPAGLR RDAMAYLEDIR
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842 2549 1232 1787	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.3298 638.6990 644.8387 503.9677	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 4407.6222 1178.6450 1913.0752 1287.6628 1598.8813	1844.0560 2132.0510 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 2.23 0.25 2.47 2.50 0.90 1.83 1.70	1 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 3.2e+002 2.7e+002 2.1e+002 2.1e+002 3.7e+002 2.1e+002 2.1e+002 2.7e+002 1.9e+002 1.3e+002 1.2e+002 58 3.1e+002 43	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVFVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEILIVPLEGR + Oxidation (M) IDETUMENSLSPOSINAITEK EMSELTAKLR + Oxidation (M) SIGONVSLGVATK LTDDLALEIGKAAVLQK ALANYGALLAKKR SVPKEFYSGLAGGR MANICLIMVENSLSPOGFSTK + Oxidation (M) IEVVIQ DYWNENIR MODVDSALADNVK + Oxidation (M) ARGGHQWER LPSVYLRELGGVPAGLR RDAMVLEDIR RDAMVLEDIR RDAMVLEDIR
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842 2549 1232 1787 2021	711.6964 382.2198 542.2758 1146.0630 783.4086 597.3120 425.2426 889.5162 783.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 659.4182 1066.4834 1407.6222 1178.655 1297.6628 1508.8813 1658.6521	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7990 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 2.47 2.50 0.90 1.83 1.70 -0.01	1 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 3.2e+002 2.7e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 75 2e+002 2.7e+002 1.9e+002 1.2e+002 1.2e+002 8 2.2e+002 4.3a+002 4.3a+002 4.43 1.2e+002 4.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK  KDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) M.ATNEDDMSILIVPLEGR + Oxidation (M) IDETVERNSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIQGNVSLGVATK LITDLALEIGKANVLGK AIANAYGALAATKR SVPREFYSGLASGR MONILCLMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSHIR MDDVDSALADNVK + Oxidation (M) ARGGRIVMUR LESVYLERLDGSVPAGLER RDAMAVLEDIR ALAGLAGTGRYVVPAR MEMGLGSSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M)
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842 2549 1232 1787 2021 2533	711.6964 382.2198 542.2798 542.2798 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 554.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 636.3306	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 4407.6222 1178.6450 1913.0752 1287.6658 1508.8813 1658.6521 1959.59700	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1006.4832 1407.6188 1178.6421 1913.0734 1287.6665 1508.8787 1658.6521 1995.9684	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 2.23 0.25 2.47 2.50 0.90 1.83 1.70 -0.01 0.83	1 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 3.2e+002 2.7e+002 2.1e+002 3.7e+002 3.7e+002 2.1e+002 3.7e+002 2.1e+002 1.9e+002 1.3e+002 1.2e+002 3.8e+002 3.1e+002 43 12 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGGQYGLGRTAALSGR YVFVKSA TAMMNDFEVLSGR + Oxidation (M) M.ATNEDNENITLIVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINAIIEK EMSELTAKLR + Oxidation (M) SIGGNVSLGVATK LITDILALEIGKRAAVLGK ALANAYGADLAATKR SVPREFYSGLAEGR MGNILCLMVENSLFDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MCDVDSALADNVK + Oxidation (M) ARGGGGYWLR LFSVTLRLDGSVPAGLR RDMAVLEGIP ALAGLLAGTGRVTVPAR MAEGLGCSMAVNGCR + Carbamidomethyl (C); 2 Oxidation (M) TITDTEGALGTVLPPFGR
	2706 118 1989 3096 871 1175 2366 1782 1895 27 553 1697 842 2549 1232 1787 2021 2533 3300	711.6964 362.2798 542.2758 1146.0630 793.4096 597.3120 425.2426 899.5142 733.4069 523.2665 729.0187 330.7164 534.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 6188.5990	1844.0491 2132.0674 762.4250 1623.8056 2299.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7887 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634	1844.0560 2132.0610 762.4276 1623.8039 2299.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1217.6605 1508.8787 1658.6521 1905.9684 2375.1556	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90 1.83 1.70 -0.01 0.83 3.35	1 1 1 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 2.1e+002 3.7e+002 2.1e+002 2.1e+002 1.3e+002 1.3e+002 1.3e+002 3.7e+002 433 3.1e+002 433 12 2.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVMNEPVLEKK EDPTAGAGYYUKERALOGR YVPVKSA TAMMNDERVLSGR + Oxidation (M) M.ATNEDNERILIVELEGR + Oxidation (M) IDETVERNSLSPDSINATIEK EMSELTATLR + Oxidation (M) SIGGWINGLEVATK LITDILALEIGHANIZGK ALANAYGALAATICR SVPREPYSGLAGER MANILCILMENSLPDGFSTK + Oxidation (M) IEVVIQ DYWNSNIR MDDVDSALADNVK + Oxidation (M) ARGGHOWLR LESVTILRIDGSVPAGLER RDAMAYLEDIR ALAGLAGTGRAVIVPAR MAEGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGYVLZGPFEK
	2706 118 1989 3096 871 1175 2366 1782 1895 2838 27 553 1697 842 2549 1232 1787 2021 2533 3300 1941	711.6964 382.2198 542.2798 542.2798 1146.0630 783.4086 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.3298 634.8990 644.8387 503.9677 553.8913 636.3306 1538.8990 528.2726	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 11272.7060 1797.0178 1504.7992 1566.7837 2184.0343 2699.4182 1066.4834 407.6222 1178.6450 1297.6528 1508.8813 1658.6521 1905.9700 2375.1634	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 11272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1927.6605 1508.8787 1658.6521 1905.9684 2375.1551	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90 1.83 1.70 -0.01 0.83 3.355 1.68	1 1 1 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002 2.1e+002 1.9e+002 1.9e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.2e+002 3.1e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) M.ATNEDNENILIVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINAIIEK EMSELTAKUR + Oxidation (M) SIGONVSLGVATK LITDILAEIGKAAVIQK ALANAYGADLAATUR SVPREFYSGLABGR MONILCLAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNYK + Oxidation (M) ARGGHQWULR LFSVTIRLDSVPAGLR ROMANVEDIR ALAGLAGTGRVTVPAR MAGGLGCSMAVOQCR + Carbamidomethyl (C); 2 Oxidation (M) ITDTEGALQTVLTQPFGK VINSNOVLVEFFARMGHCK + Carbamidomethyl (C)
	2706 118 1989 3096 3096 871 1175 2366 1782 2838 27 5533 1697 842 22549 1232 1787 2021 2530 1941 2584	711.6964 362.2198 542.2758 1146.0630 793.4096 597.3120 425.2426 899.5162 753.4069 523.2665 729.0187 734.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 636.3396 1188.5890 528.2726	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.622 1178.6450 1913.0752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1594.0793	1844.0560 2132.0610 762.4276 1623.8039 2290.1181 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1564.7997 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1597.898	-3.75 2.98 -3.32 1.04 -1.58 2.51 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90 1.83 1.70 0.83 3.35 1.68 -3.38	1 1 1 1 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 3.2e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 1.9e+002 1.3e+002 1.3e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEILIVPLEGR + Oxidation (M) IDETUMPNSLSPDSINAITEK EMBELTAKLR + Oxidation (M) SIGONVSLGYATK LITDILALEIGKAAVLQK AIANAYGALAATKR SVPREFYSGLAEGR MANILCIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYWNSNIR MEDIUMSALADNVK + Oxidation (M) AAGGGGWURE LESVITERLOGSVPAGLE ROAMAVLEDIR ALAGLAGTGRIVVPAR MARGLGCSSMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGTVLTQPFGK VINNOVVLVEFFAPWCGHCK + Carbamidomethyl (C) CLLHEGREVVGGEK + Carbamidomethyl (C) CLLHEGREVVGGEK + Carbamidomethyl (C)
	2706 118 1989 3096 3261 871 1175 2366 1885 2838 27 842 2549 1232 2549 1232 2533 3300 12584 221 2584 221 2584 221 2584 221 2584 221 2584 221 2584 2813	711.6964 382.2198 542.2758 1146.0630 783.4096 899.5142 2753.4069 523.2685 729.0187 350.7164 590.3298 634.8387 550.39677 553.8913 636.3061 1188.3890 528.2726 494.5271 1086.5310	1844,0491 2132,0674 762,4250 1623,8056 2290,1114 2347,2040 1192,6094 1272,7060 1797,0178 1504,7992 1566,7837 2184,0434 407,6222 1178,6450 1913,0752 1287,6628 1508,8813 1658,6521 1905,9700 2375,1634 1581,7960 1974,0793	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1006.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90 0.90 1.83 1.70 -0.01 0.83 3.35 1.68 -3.38 2.28	1 1 1 0 0 0 1 1 1 0 0 0 0 0 1 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 1.9e+002 3.7e+002 2.1e+002 2.7e+002 1.3e+002 2.7e+002 1.3e+002 4.3e+002 4.3e+002 4.3e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002		LVGEYIVNNFPVKPKK  KDPTAAGAGYGLGKTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) MLATNEDDNEILIVPLSGR + Oxidation (M) IDETVENSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGANVSIGAVATK LITDLALEIGKNAVLQK ATANAYGALAATKR SVFREYSGLAEGR MONICLIAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNVK + Oxidation (M) ARGGRIVKLR LESVITLELDGSVPAGLR RDAMAVLEDIR ALGALGSTGRVTVPAR MAGGLGGSMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TIDTEGALGTVLTOPFGK VINSNOVLVEFFEPFWCGHCK + Carbamidomethyl (C) CLLHEGREVVGGEK + Carbamidomethyl (C) LYDLIVVABGIGKVNQIK
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 2838 27 553 1697 842 22549 1232 1787 2021 2543 3300 1941 2584 2583 3300 1941 2584 2583 3300	711,6964 382,2198 542,2758 1146,0630 783,4086 597,3120 425,246 599,5162 753,4069 523,2665 729,0187 350,7164 534,2490 704,8184 590,3298 638,6990 644,8387 503,9677 553,8913 636,3306 1188,5990 624,5310 1286,5310	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1605.9700 2375.1634 1994.0793 2171.0474 1778.9802	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 4407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1695.9684 2375.1555 1595.9684 2375.1555 1596.808787 1697.808888787 1697.808888787 1697.808888787 1697.808888787 1697.808888787 1697.808888787 1697.8088888787 1697.80888888787 1697.8088888888888888888888888888888888888	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 2.96 3.56 2.23 0.25 2.47 2.50 0.90 1.83 1.70 -0.01 0.83 3.35 1.68 -3.38 2.28	1 1 1 1 0 0 1 1 0 0 0 0 0 1 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 1.9e+002 1.3e+002 2.7e+002 1.2e+002 3.1e+002 2.2e+002 2.1e+002 2.1e+002 83	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVFVKSA TAMENDFEIVLSGR + Oxidation (M) M.ATNEDNENILIVPLEGR + Oxidation (M) IDEIVNFNSLSPDSINAIIEK EMSELTAKLR + Oxidation (M) SIGONVSLGVATK LITDILALEIGKAAVLQK ALANAYGADLAATKR SVPREFYSGLAEGR MONICLIAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODVUSALADNVK + Oxidation (M) ARGGGGYWFAR LESVITLRLOGSVPAGLR RDAMAVLEDI ALAGLAGTGRYTVPAR MAEGLGCSMAVTGGR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGTVLTGPFGK VINNOVLVFFFAPMCGHICK + Carbamidomethyl (C) LLHEGGREVYGEK + Carbamidomethyl (C) LLHEGGREVGGKK + Carbamidomethyl (C) LLYDIIVVARGIGNWGLK VAVVAVADDOLISJANGTGKK + 2 Oxidation (M) SNLDGLIMFFRAQLK
	2706 118 1989 3096 3261 871 1175 2336 1895 22366 27 553 1697 842 2549 21232 1787 2021 2533 3300 1941 2584 2813 2813 2813 2813 2813 2813 2813 2813	711.6964 362.2798 542.2758 1146.0630 793.4096 597.3120 425.2426 899.5142 733.4069 523.2685 729.0187 330.7164 534.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 6188.5990 528.2726 949.5271 1086.5310 890.4974 600.2933	1844.0491 1023.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 1324.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0806 2171.0425 1778.9791 1198.5691	-3.75 2.98 -3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 2.50 0.90 1.83 1.70 -0.01 3.35 6.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 1.3e+002 2.7e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 2.9e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002		LVGEYIVMNFPVKPKK EDPTAAGAGYQLGRTAALGGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) M.ATMEDDREILLVPLEGR + Oxidation (M) IDETVERNSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGGNVSLGVATK LITDILALEIGHANVIGK ALANAYGALAATGR WANILCLIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSHIR MODVDSALADNVK + Oxidation (M) ARGGHGVWLR LEPSTYLKLDGSVPAGLR RENAMVLEDIR ALAGLAGTGRAVTVPAR MARGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITPIEGALQTVLTOPFEGK VINSNOVLVLYPFFERWGHGHG + Carbamidomethyl (C) CLLHEGREVVGGEK + Carbamidomethyl (C) CLHEGREFVGGEK + Carbamidomethyl (C) LINDIVVASGEGNWANGE + Carbamidomethyl (C) LINDIVVASGEGNWANGE + Carbamidomethyl (C) LINDIVASGEGNWANGE + Carbamidomethyl (C) LUNDIVASGEGNWANGE + CARBAMIDOMETHYL (C) LUNDIVASGEGNWAN
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 27 553 1697 222 2549 1232 2549 1232 2533 3300 222 2584 2888 27 2021 2533 3300 2584 2694 27 2021 2584 2694 27 2021 2584 2894 2894 2894 2894 2894 2894 2894 28	711, 6964 382, 2198 542, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 899, 5162 753, 4069 523, 2685 729, 0187 330, 0146 534, 2490 704, 818 590, 3298 638, 6990 644, 8387 503, 9677 553, 8913 636, 3306 1188, 5990 528, 2726 494, 5271 1086, 5310 890, 4974 600, 2933	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 11272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1047.6222 1178.6450 1991.30752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1217.879802 1218.5720	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 0799.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1778.9791 1178.97	-3.75 2.98 2.98 1.04 -1.58 -2.51 -2.25 1.73 -3.83 -0.33 2.96 2.23 0.25 2.47 2.50 0.90 0.90 1.83 1.70 -0.01 3.35 1.68 -3.28 0.63 2.49	1 1 1 1 0 0 1 1 0 0 0 0 0 1 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 75 2e+002 1.3e+002 1.2e+002 1.2e+002 1.2e+002 2.2e+002 2.2e+002 1.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGGYQLGKTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) MLATNEDNENILIVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINAIIEK EMSELTAKUR + Oxidation (M) SIGONVSLGVATK LITDILAEIGKAAVIQK ALANAYGADLAATUR SVPREFYSGLABGR MONILCLAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNYK + Oxidation (M) ARGGHQWULR LFSVTIRLDGSVPAGLR ROMANVEDIR ALAGLAGTGRVTVPAR MAGGLGCAMAVOCR + Carbamidomethyl (C); 2 Oxidation (M) TTPTEGALQTVLTOPPGK VINSNOVLVEFFAPMCGHGK + Carbamidomethyl (C) LYDITVVABGIGNYMQIK VAVVAVADCISMAIRGGKK + 2 Oxidation (M) SNLOGLAMPFRAQUK QUILOGSKFPGGR QUILOGSKFPGGR
	2706 118 1989 3096 3261 1775 2366 1782 2838 277 553 1697 842 2549 2549 2549 2549 2549 2549 2549 25	711.6964 382.2198 8542.2798 1146.0630 793.4096 597.3120 425.2426 899.5162 753.40695 729.0187 350.7164 534.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 636.3306 1188.5890 528.2726 494.5721 1086.5310 890.4974 600.2933 452.9128	1844.0491 192.0474 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1076.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1508.8813 1508.8913 1508.8913 1519.7970 2375.1634 1591.7960 1974.0793 2171.0474 1778.9802 1198.5720 1324.7125	1844.0560 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0806 2171.0425 1778.9791 1198.5691 1335.7157	-3.75 2.98 2.98 1.04 -1.58 2.51 -2.25 1.73 3.60 3.56 2.23 3.56 2.247 2.50 0.25 2.47 2.50 0.83 3.75 0.01 0.83 3.35 6.03 1.70 0.83 3.35 6.03 2.49 0.83 3.35 0.05 0.83 0.25 0.63 0.63 0.63 0.63 0.63 0.63 0.63	1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 2.7e+002 1.9e+002 1.9e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002 2.2e+002 2.1e+002 2.2e+002 2.1e+002 2.2e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) MLAYNEDDNEILVPLEGR + Oxidation (M) —IDETWMNSLSPDSINAITEK EMBELTAKLR + Oxidation (M) SIGONVSLGYATK LITDILALEIGKAAVLQK AIANAYGALAATKR SVPREFYSGLAEGR MONICLIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYWNSNIR MEDVOSALADNVK + Oxidation (M) AAGGGGWURE LESVYTEKLDGSVPAGLE ROMAVHLEDT ALGLAGTGRVTVPAR MASGLGCSSMANVDCGR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGTVLTQPFGK VINNOVLVEFPAFWCGHCK + Carbamidomethyl (C) LLHEGREVVGGEK + Carbamidomethyl (C) LYDILVVAGGGGWWGL VANVANDCDISMATRGMK + 2 Oxidation (M) SNLOJLLHEFRAQLK QPNDGSKSPGGR QILOGRAGVAGGR LIKESSTHERMK
	2706 118 1989 3096 3261 871 1175 2366 1782 1895 27 553 1697 222 2549 1232 2549 1232 2533 3300 222 2584 2888 27 2021 2533 3300 2584 2694 27 2021 2584 2694 27 2021 2584 2894 2894 2894 2894 2894 2894 2894 28	711, 6964 382, 2198 542, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 899, 5162 753, 4069 523, 2685 729, 0187 350, 7164 534, 2490 774, 2184 590, 3298 638, 6990 644, 8387 503, 9677 553, 8913 636, 3306 1168, 5990 644, 8387 630, 9677 553, 8913 636, 3306 1168, 5990 644, 8387 644, 8387 653, 9913 658, 6990 644, 8387 6590 644, 8387 6590 658, 6990 644, 8387 6590 658, 6990 644, 8387 6590 658, 6990 644, 8387 6590 658, 6990 644, 8387 6590 658, 6990 644, 8387 6590 658, 6990 644, 8387 6590 658, 6990 644, 8387 6590 644, 8387 6590 6590 6590 6690 6690 6690 6690 6690	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9902 1271.0474 1778.9902 1375.7164 1324.7125 2248.1212	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1198.5691 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1198.5791 1248.1257	-3.75 2.98 2.98 3.32 1.04 -1.58 2.51 -2.25 1.73 -3.83 -0.33 2.96 3.56 2.23 0.25 2.47 0.05 1.70 -0.01 0.83 3.168 2.28 0.63 2.28 0.63 2.28 0.63 2.28 0.63 2.28	1 1 1 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 75 2e+002 1.9e+002 1.2e+002 1.2e+002 2.2e+002		LVGEYTVRNFPVKPKK  EDPTAGAGGYGLGRTAALSGR YVPVKSA  TAMMRDFEIVLSGR + Oxidation (M) MLATNEDDRILIVPLEGR + Oxidation (M) IDETVERNSLSPDSINATIEK EMBELTAKER + Oxidation (M) SICONVSLGVATK LITDILALEIGKNAVLQK ATANAYGALAATER SVPREFYSGLAEGR MONILCLMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNVK + Oxidation (M) ARGGRIGVKLR LFSVTYLRLDGSVPAGLR RDAMAVLEDIR ALGALGAGTGRYTVPAR MREGLGSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TIDTEGALGYVLTQPFGK VITNSNOVLVLYPEFAPPKGURCK + Carbamidomethyl (C) CLLHEGREVVGGEK + Carbamidomethyl (C) LYDILVVAEGIGNVAQLK VAVVAVMODISMALTEGREY + 2 Oxidation (M) SNLOGLHFPFRAGLK GPNOSKSSPGGR QILQQEAGVASGR ILKFSSTHSPKK MSAKVIDLITETDLQDLER
	2706 118 1989 3096 3261 1175 2366 1782 2838 27 842 1232 1787 2021 2533 3300 1941 2532 3390 1941 2553 1427 2584 3314	711, 6964 362, 2198 542, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 899, 5162 753, 4069 753, 4069 754, 4169 704, 8184 554, 2490 704, 8184 550, 3298 638, 6990 648, 6890 648, 6890 6188, 5890 528, 2726 494, 5271 1086, 5310 890, 4974 600, 2933 442, 9187 750, 3810 7797, 4109	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 4407.6222 1178.6450 1923.0752 1287.6628 1508.8813 1628.6521 1995.9700 2375.1634 1595.9700 1778.9802 1778.9802 1778.9802 1778.9802 1778.9802 1778.9902 1778.9902 1385.7166 1324.7125 2248.1212 2389.2109	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 4407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1695.9684 2375.1555 1595.9684 2375.1555 2375.9684 2375.1555 2375.9684 2375.968	-3.75 2.98 2.98 1.04 -1.58 2.51 -2.25 2.51 -2.25 2.37 -3.83 -0.33 2.39 2.59 2.47 2.50 1.83 1.68 -3.38 2.49 2.60 0.63 3.46 -3.38 2.49 0.63 3.43 -3.38 3.49 3.38 3.49 3.38 3.49 3.38 3.49 3.38 3.49 3.38 3.49 3.38 3.49 3.38 3.49	1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 2.7e+002 1.3e+002 2.7e+002 1.3e+002 2.2e+002		LVGEYIVNNFPVKPKK EDPTAAGGQYGLGRTAALSGR YVPVKSA TAMMNDFEVLSGR + Oxidation (M) M.ATNEDNENTLIVPLEGR + Oxidation (M) IDEIVMFNSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGGNVSLGVATK LITDILALEIGKAAVLGK ATANAVGALAATKR SVPREFYSGLAEGR MGNILCLMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODVDSALADNVK + Oxidation (M) ARGGGGYWLR LESVYTLRLDGSVPAGLR RDAMAVLEDI ALGALLAGTGRYTVPAR MAEGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TIDTEGALGYTLTGPFGK VLNSNOVLVEFPANWGGUGK + Carbamidomethyl (C) LLHEGGREVGGEK + Carbamidomethyl (C) LYDITVVAEGGINGWIGK VLNSNOVLVEFPANWGGUGK + Carbamidomethyl (C) LYDITVVAEGGINGWIGK VLNSNOVLVEFPANWGGUGK + Carbamidomethyl (C) LYDITVVAEGGNYMGIK VAVVAVODCDISMAIPGGMK + 2 Oxidation (M) SNLDGLLHPFRAGLK QPNDSKSFGGR QTLOGSSGGLGVTINNSAR
	2706 118 1989 3096 3261 1175 2366 2838 1697 553 1697 2021 2533 303 3312 3239 887 1555 1427 2998 3314	711.6964 362.2198 562.2758 1146.0630 793.4086 597.3120 425.2426 899.5162 733.4069 523.2665 729.0187 330.7164 534.2490 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 636.8390 528.2726 949.5271 1086.5310 890.4974 600.2933 452.9128 442.57961 750.3810 797.4109	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0792 1287.6628 1508.8813 1658.6821 1658.6821 1909.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720 1352.7166 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7162 1332.7166	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 1294.1192.1121 1272.7038 1797.0247 1504.7997 1506.7790 2184.0265 699.4167 1006.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1352.7157 2389.2020 1352.7157 2389.2020	-3.75 2.98 2.98 3.10.4 2.51 1.73 2.96 3.56 2.98 3.56 2.95 1.73 3.83 3.62 2.96 3.56 2.47 7.00 1.83 3.35 1.68 2.28 2.47 2.50 0.90 0.63 3.35 1.68 2.28 0.43 3.35 1.69 3.35 1.69 2.28 2.47 2.50 2.47 2.50 2.50 2.47 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50	1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 1.3e+002 1.3e+002 1.3e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002 2.2e+002 2.2e+002 2.1e+002 2.2e+002		LVGEYIVNNFPVKPKK EDPTAAGAGYQLGKTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) M.ATMEDDMELILVPLEGR + Oxidation (M) IDETVENSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGONVSLGVATK LITDLALEIGKANVLOK AIANAYGALAATKR SVPREFYSGLASGR MONILCLMVENSLPDGFSIX + Oxidation (M) IEVVIQ DYNNSHIR MDDUSSLADNVK + Oxidation (M) ARGGRIVMUR LDESVTLELDGSVPAGLER RDAMAVLEDIR ALAGLAGTGRIVVAPA MARGLGCSAMAVNOCR + Carbamidomethyl (C); 2 Oxidation (M) TIDTEGALQTVLTOPFGK VINNNOVLVLYPFAPWCGMCK + Carbamidomethyl (C) CLLHEGREFVGGEK + Carbamidomethyl (C) CLHEGREFVGGEK + CARBAMIDOMETHYL (C) CHARGAMIDOMETHYL (C) CHARGAMID
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	2706 118 1989 3096 3261 1175 2366 2838 27 553 1697 2549 1232 2549 1232 2549 1232 2549 1232 2549 1232 2549 1242 25330 3329 887 2998 887 2998 887 2998 887 2998 887 2998 2424 2426	711.6964 362.2198 562.2758 1146.0630 793.4066 597.3120 425.2426 839.5162 753.40695 729.0187 350.7164 553.2695 753.4290 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 636.3306 1188.5890 528.2726 494.5771 1086.5310 890.4974 600.2933 452.9128 442.5781 750.3810 797.4109 552.9689 581.2933 610.6911	1844,0491 1021,2047 762,4250 1623,8056 2290,1114 2347,2040 1192,6094 1272,7060 1797,0178 1504,7992 1566,7837 2184,0433 699,4182 1066,4834 1407,6222 1178,6450 1913,0752 1287,6628 1588,6521 1905,9700 2375,1634 1581,7960 1974,0793 2171,0474 1778,9802 1198,5720 1355,7166 1324,7125 2248,1212 2389,2109	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 1324.71981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1598.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.7991 1198.5691 1324.7173 2248.1257 2389.2020 1655.8883 1740.8530 1740.8530 1740.8530 1740.8530 1740.8530 1740.8530 1740.8530	-3.75 2.98 2.91 1.04 2.98 2.51 1.04 2.91 2.98 2.51 1.04 2.51 2.98 2.51 1.73 2.96 2.23 2.96 2.23 2.96 2.23 2.97 2.50 0.25 2.92 2.97 2.50 0.63 2.28 0.63 2.28 0.63 2.28 0.63 2.28 2.28 2.28 2.28 2.28 2.28 2.28 2.2	1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 1.9e+002 1.3e+002 1.2e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002		LVGEYIVNNFPVKPKK EDPTAAGAGYQLGRTAALSGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) MLATNEDNENILIVPLEGR + Oxidation (M) IDEIVNFNSLSPDSINAIIEK EMSELTAKUR + Oxidation (M) SIGONVSLGVATK LITDILAEIGKAAVLQK ATANAYGADLAATUR SVPREFYSGLABGR MONILCLAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNYK + Oxidation (M) ARGGHQWULR LFSVTLRIDGSVPAGLR RDAMAVLEDIR ALGALGAGRAVIVPAR AMEGLGCSMAVDQCR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALQTVLTQPFGK VINNOVLVEFPANWGHCK + Carbamidomethyl (C) LLHEGEREVGEK + Carbamidomethyl (C) LLHEGEREVGEK + Carbamidomethyl (C) LYDITVVARGIGNYMQIK VAVVAVDCISMATRGHCK + 2 Oxidation (M) SNLOGLHFPRAQLK QPHOSKSPGGR QTLQGSAVASGR LLKESSTHSPMK MSAKVILLITETDLQGLARR VQNNGSIGSSGLGDTIINNHAR FLLGGRNYPDSPINK TSKNNUSSILTITYR
	2706 118 1989 3096 3261 1175 2366 2838 27 553 1697 2549 1232 2549 1232 2549 1232 2549 1232 2549 1232 2549 1242 25330 3329 887 2998 887 2998 887 2998 887 2998 887 2998 2424 2426	711.6964 362.2198 562.2758 1146.0630 793.4066 597.3120 425.2426 839.5162 753.40695 729.0187 350.7164 553.2695 753.4290 704.8184 590.3298 638.6990 644.8387 503.9677 553.8913 636.3306 1188.5890 528.2726 494.5771 1086.5310 890.4974 600.2933 452.9128 442.5781 750.3810 797.4109 552.9689 581.2933 610.6911	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0792 1287.6628 1508.8813 1658.6821 1959.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 12171.0474 1778.9802 12171.0474 1778.9802 12171.0474 1778.9802 12171.0474 1778.9802 1324.7125 2248.1212 2389.2109 1655.8849 1740.8881 1829.0515 2355.1314	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0774 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1198.5691 1198.5691 1248.1257 1248.1257 1248.1257 1248.1257 1389.7991 1198.5691 1248.1257 1248.1257 1389.2020 1655.8883 1740.8530 1829.0451 2255.1239	-3.75 2.98 2.98 3.91 2.98 4.98 2.98 4.98 2.98 4.98 2.91 2.98 4.98 2.99 4.98 2.99 4.98 2.99 4.98 2.99 4.98 2.99 4.98 2.98 2.98 2.98 2.98 2.98 2.98 2.98 2	1 1 1 0 0 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 2.7e+002 2.7e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002 2.1e+002 2.2e+002 2.1e+002		LVGEYIVANEPVERKE EDPTAGGAYQLGRTAALSGR YVPVKSA TAMENDEFULSGR + Oxidation (M) M.ATMEDDRILLVELEGR + Oxidation (M) IDETVERNELSPOSINATIEK EMSELTAKLR + Oxidation (M) SIGNAVSLOVATK LITDILALEIGHAAVIQK ALANAYGALAATGR WANILCLIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODIVESALADNVK + Oxidation (M) ARGGHOWER LESYTIKLDGSVPAGLE REMANVLEDIR ALAGLAGTGRAVTVPAR MAEGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITPIEGALQTVLTOPPEGK VLYNSNOVLVEFFERWEGHIGK + Carbamidomethyl (C) CLHEGGREVVGGEK + Carbamidomethyl (C) LINDIVVARGIGNYMGIK VAVIVADDCDISMAIRFGMK + 2 Oxidation (M) SNLDGLHEFFRAGLK VAVIVADDCDISMAIRFGMK + 2 Oxidation (M) SNLDGLHEFFRAGLK MSAKVTDLITETDLQDLAER VONNSSIGSSGLGDTIINNHAR FLLGGRNVVDSFLK STENNUSSILITYR IOTIFFRIENDLIKK STENNUSSILITYR IOTIFFRIENDLIKK STENNUSSILITYR IOTIFFRIENDLIKK IOTIFFRIENDLIKK IOTIFFRIENDLIKK IOTIFFRIENDLIKK IOTIFFRIENDLIKK IOTIFFRIENDLIKK IOTIFFRIENDLIKH
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	2706 1189 3096 3261 1175 871 1175 1175 1892 1895 1895 1895 1895 1697 842 201 2021 2533 3300 12584 2812 2928 887 1427 2998 887 1427 2998 1422 2901 2426 2426 1088	711.6964 362.2198 562.2758 1146.0630 793.4066 597.3120 425.2426 899.5162 753.4069 523.2685 729.0187 350.7164 534.2490 704.8184 590.1298 638.6990 644.8387 503.9677 553.8913 616.3306 1188.5990 528.2726 494.5271 1086.5310 890.4974 600.2933 452.9128 442.5781 759.31810 797.4109 552.9128 442.5781 1750.3810 797.4109 552.9128 442.5781 1750.3810 797.4109 552.9128 442.5781 1750.3810 797.4109 552.9128 442.5781 1750.3810 797.4109	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0143 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720 1324.7125 2488.1212 2389.2109 1655.8849 1740.8851 1855.8139 1740.8851 1829.0515 2355.1314 775.4128 1829.0515 2355.1314 776.4128	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 1294.1192. 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1006.4832 1407.6188 1178.6421 1913.0743 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1198.5691 1395.7157 2399.2020 1655.8833 1740.8830 1324.7173 2488.1257 2399.2020 1655.8833 1740.8830 1829.0451 2355.1239 7756.4130	-3.75 2.98 3.32 1.04 4.05 2.51 1.05 2.98 6.0 2.51 1.73 2.96 6.0 2.23 0.25 2.47 2.50 0.25 1.68 0.63 2.23 0.25 2.47 2.50 0.25 2.24 0.25 0.25 1.68 0.63 2.28 0.63 0.63 0.63 0.63 0.63 0.63 0.63 0.63	1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 3.7e+002 2.1e+002 2.7e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 2.7e+002 1.2e+002 2.8e+002 43 3.1e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002		LVGEYIVNNFPVKPKK EDPTAAGGQYGLGRTAALSGR YVPYKSA TAMENDFEVLSGR + Oxidation (M) MAINTEDRENITIVPLEGR + Oxidation (M) IDEIVNFNSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGGNVSLGVATK LITDILALEIGKAAVLGK ATANAVGALAATKR SVPREFYSGLAEGR MAINLICHWENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNVK + Oxidation (M) ARGGGGVWLR LESVYTLRLDGSVPAGLR ROMAVHEDIT ALGALLAGTGRVTVPAR MEGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGYTLTPFEKK VLNSNOVLVEFPANWCGHCK + Carbamidomethyl (C) LLHEGGREVGGEK + Carbamidomethyl (C) LLHEGGREVGGEK + Carbamidomethyl (C) LYDITVVARGGNVGHGK + Carbamidomethyl (C) LYDITVVARGGNVGHGK + Oxidation (M) SNLDGLHEFPRGJK QPNOSKSPGGR QTLOGSAGVASGR LLRSSTHSPHK MSAKYTLLITETLQDLAER VONNGSIGSSGLGDTIINGAR FLLGDRNVPDSFLNK TSKNNLSGLSTTYR LOSTFRENLENLDLTK NLSAGYGKMELLEDFDLCVSK + Oxidation (M) VLTSDAR
	2706 118 1989 3096 871 12366 1782 2838 27 5897 8422 2549 1232 2549 1232 2549 1232 2549 12583 3314 2583 3314 2583 3314 2583 3314 2584 1232 2592 8422 2592 1427 1555 1427 1557 1557 1557 157 157 157 157 157 157	711, 6964 382, 2198 342, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 783, 4069 523, 2665 729, 0187 350, 7146 534, 2490 704, 8184 590, 3298 638, 6990 644, 8387 503, 9877 553, 9813 636, 3306 1188, 5890 528, 2796 494, 5271 006, 5310 890, 4974 600, 2933 442, 5781 759, 4109 552, 9689 581, 2933 617, 6591 379, 2137 997, 4609 379, 2137 997, 4609	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1127.7060 1797.0178 1504.7992 1566.7837 2184.0343 2066.4834 407.6222 1178.6450 1287.6528 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720 1395.7166 1324.7125 2248.1212 2389.2109 1655.8891 1629.892 1740.8881 1629.892 1740.8982 1740.8982 1740.8982 1740.8981 1740	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 11272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1905.9684 2375.155 1508.8787 1658.6521 1905.9684 2375.155 1778.9791 1195.7157 1247.173 2248.1257 2389.2020 1655.8883 1740.880 2171.0425 1778.9991 1195.7157 1324.7173 2248.1257 2389.2020 1655.8883 1740.853 1829.0451 2355.1239 1740.853 1829.0451 2355.1239 1740.853 1740.	-3.75 2.98 2.98 3.32 1.04 2.51 1-2.25 3.32 2.96 3.25 3.25 3.25 0.25 2.47 2.50 0.90 0.90 0.83 3.70 0.63 3.66 3.38 0.63 3.26 0.63 3.26 0.63 3.36 3.63 3.63 3.63 3.63 3.63 3.6	1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 1.3e+002 1.3e+002 1.2e+002 3.7e+002 1.2e+002 2.2e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002		LVGEYIVNNFPVKPKK EDPTAAGAGYQLGRTAALSGR YVPVKSA TAMANDFEIVLSGR + Oxidation (M) MACHNEDNEILVPLEGR + Oxidation (M) IDEIVHFNSLSPDSINAIIEK EMSELTAKLR + Oxidation (M) SIGONVSLGATTK LITDLALEIGKAAVLQK ATANAYGALAATKR SVPREFYSGLABGR MANILCLAVENSLPDGFSIK + Oxidation (M) IEVVIQ DYNNSHIR MCDUSALADNYK + Oxidation (M) ARGGHQWHLR LESVITLRLDGSVPAGLR RDAMAVLEDIR ALGALGATGRYTVPAR MAGLAGGAMAVDQCR + Carbamidomethyl (C), 2 Oxidation (M) TITDTEGALQTVLTQPFGK VINNNOVLVEFPAWGGHCK + Carbamidomethyl (C) LLHEGREVYGEKE + Carbamidomethyl (C) LLHEGREVGGEK + Carbamidomethyl (C) LLHEGREVGGEK + Carbamidomethyl (C) LLHEGREVGANAGGCR + Carbamidomethyl (C) LLHEGREVGANAGGCR + Carbamidomethyl (C) LLHEGREVGANAGGCR + Carbamidomethyl (C) LYDITVARGAGGANAGGCR + CARBAMIDOMETHYL (C) LYDITVARGAGGANGGCR + CARBAMIDOMETHYL (C) SNLDQLLHPFRQLK QPNOSKSPGGR QILOGRAVASGCR   LKPSSTHSPMK   MSAKVTDLITTETLQDLARR VQNNQSIGSSSGLGDTITHNMAR FLLGDGNVPDSPLINK TSKNNINLSDLITTYR   IOTIFFALPAMLDLIK   NLSAGYGRERLHPPDLCVSK + Oxidation (M) VIPSDAR   DIGSATLSMPSSEPGSK   EEVLATISKEVK
	2706 118 1989 3096 267 1175 2366 1782 1895 1895 1895 1697 842 2549 1232 1787 2583 3299 887 1787 2998 887 1787 2998 887 12584 2020 2021 2426 3269 3269 2618 2619 2619 2619	711.6964 382.2198 842.2758 1146.0630 783.4066 597.3120 425.2426 899.5162 753.40695 729.0187 733.40695 733.26695 739.0187 733.8913 636.3306 1188.5890 644.8387 753.8913 636.3306 1188.5890 628.2726 494.5271 1086.5310 890.593 452.9128 442.5781 750.3810	1844,0491 1023,0474 762,4254 1623,8056 2290,1114 2347,2040 1192,6094 1272,7060 1797,0178 1504,7992 1566,7837 2184,0343 609,4182 1078,6450 1913,0752 1287,6628 1508,8813 1658,6521 1905,9700 2375,1634 1581,7960 1974,0793 2171,0474 1778,9802 1198,5720 1355,7166 1324,7125 2248,1212 2359,2109 1655,8849 1740,8881 1829,0515 2355,1314 7556,4128 1912,9072 1376,7538	1844.0560 2132.0610 2132.0610 2132.0610 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1007.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0806 2171.0425 1778.9791 1355.7157 2248.1257 2359.2020 1655.8883 1740.8530 1249.08531 1249.08531 1249.08531 1249.08531 1249.08883 1740.8530 1239.02020 1655.8883 1740.8530 1829.04531 1299.8883 1740.8530 1829.04531 1299.8883 1740.8530 1829.04531 1299.8883 1740.8530 1829.04531 1299.8883 1740.8530 1829.04531 1299.8883 1740.8530 1829.04531 1299.8883 1740.8530 1829.04531 1249.98883 1240.7551 12734.87883	-3.75 2.98 2.98 2.91 1.04 2.98 2.98 2.91 2.98 2.91 2.98 2.91 2.92 2.92 2.92 2.92 2.92 2.92 2.92	1 1 1 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 2.7e+002 2.7e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 1.3e+002 2.7e+002 1.2e+002 2.1e+002 2.2e+002		LVGEYIVANFPVERKK EDPTAAGAGYQLGRTAALSGR YVPVKSA TAMANDFEIVLSGR + Oxidation (M) M.ATMEDDREILIVPLEGR + Oxidation (M) IDETVERNELSPOSINATIEK EMSELTAKLR + Oxidation (M) SIGONVSLOVATK LITDLEALEIGHANVLGK AIANAYGALAATGR WANILCIAMENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSHIR MONIVESALANVK + Oxidation (M) ARGGHYWAR LESVYTIKLDGSVPAGLR RENAMAVLEDIR ALAGLAGTGRVTVPAR MAGGGSAMANOGER + Carbamidomethyl (C); 2 Oxidation (M) TITUTEGALQTVLTOPFGK VINNSHOVLYPFAPMGGHCK + Carbamidomethyl (C) CLLHEGREVVGGEK + Carbamidomethyl (C) LLHEGREVGGEK + Carbamidomethyl (C) LLHEGREFVGGEK + Carbamidomethyl (C) LLHILVARGEGNYMGIK VAVVAVDDCDISMAIRFGMK + 2 Oxidation (M) SNLDGLHFFFRAGLK VGNNGSKIGSSGIGTTINNGAR FLIGGRKVVDLITETULQUEAR VGNNGSKIGSSGIGTTINNGAR FLIGGRKVVDSFILM TSKNNLSDLITTY ROTIFFELLARIBLIKK NLSAGYGKMELHBPDLCVSK + Oxidation (M) VYPEDAR DIIGSATLSMPSSEFGSK EETLATLSKFVK KTGSSTISMIENDAK
	2706 118 1198 1989 3096 871 1175 2838 27 2528 1697 22549 1232 2549 1232 2549 1232 2549 1232 2549 1232 2549 1232 2549 1232 2549 1232 2549 1232 1555 1617 2998 3314 2426 1028 1028 1028 1028 1028 1028 1028 1028	711, 6964 382, 2198 542, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 4899, 5162 753, 4069 523, 2685 729, 0187 350, 7164 554, 2490 7704, 818, 6990 644, 8387 503, 9677 553, 8913 636, 3306 1188, 5990 644, 8387 503, 9677 553, 8913 636, 3306 1188, 5990 644, 8387 639, 9677 648, 8990 644, 8387 639, 9677 639, 9697 641, 9897 651, 2993 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 658, 6990 659, 6900 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6990 659, 6	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0333 699.4182 1066.4834 1407.6222 1178.6450 1913.0792 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9902 1271.0474 1778.9902 1271.0474 1778.9902 1324.7125 2248.1212 2389.2109 1655.8849 1740.8581 1829.0515 2355.1314 756.4128 1912.9072 1376.7538 1734.8852 1736.7538	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1504.7997 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 2171.0425 1778.9791 1138.5791 1234.7173 2248.1257 2389.2020 1655.8883 1740.8530 1829.0451 2355.1239 756.4130 1912.9088 1376.7551 1734.8788 1762.9474	-3.75 2.98 3.91 -0.19 3.73 3.93 3.93 3.93 3.93 3.93 3.93 3.9	1 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 2.7e+002 1.9e+002 1.2e+002 2.7e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002 2.2e+002 2.1e+002		LVGEYTVRNFPVKPKK EDPTAAGAGYGLGRTAALSGR YVPVKSA TAMANDFETVLSGR + Oxidation (M) MLATNEDNELIVERSGR + Oxidation (M) IDETVRPNSLSPDSINATIEK EMPELTAKER + Oxidation (M) SIGONVSLGATAK LITDILAETGKAAVLGK ATANAYGALAATKR SVPERFYSGLASGR MONILCLMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSHIR MODUSALADNYK + Oxidation (M) ARSGGHOWER ELSVYTLLDGSVPAGLR RDAMAYLEDIR ALAGLAGTGRYTVPAR MAGLIGGAMAYDGCR + Carbamidomethyl (C); 2 Oxidation (M) TIDTERALOTVLTOPFGK VINSNGVULVEFPAPMCGHCK + Carbamidomethyl (C) CLLHEGEREVVGGEK + Carbamidomethyl (C) LYDITVABCGGNYGGIK SNLOGLHFFRADEGG QILQGEAGVASGR ILKPSSTHSPMK MSACVIDLITSTLOGLHARERGK + 2 Oxidation (M) SNLOGLHFFRADEG QILQGEAGVASGR ILKPSSTHSPMK MSACVIDLITSTLOGLAGR VONNOSIGSSSGLGDTIINGNAR FILLDENVIPPSSIMK TSKINDLSDLITTYR IGTITFKNLFAMADLIK UNSAGYGGRHELHBPDLCVSK + Oxidation (M) VIFSDAR DIGSATLSHPSSSEFGSK EEYLATLSKPVS KKSSSTSMIENVDAK  LIMMANLASHVSSER + Oxidation (M)
	2706 118 1989 3096 871 1782 2366 1782 2838 871 1553 1697 2021 2549 2021 2549 2813 2813 2928 887 1232 21787 2928 887 1232 2442 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 1242 1242 1242 1242 1242 1242 124	711, 6964 381, 6964 382, 2198 842, 2758 1146, 0630 783, 4069 597, 3120 425, 246 783, 4069 523, 2665 729, 0187 330, 7164 534, 2490 704, 8184 590, 3298 638, 6990 644, 8387 503, 3967 753, 8913 636, 3306 1188, 6990 644, 8387 503, 9677 553, 8913 636, 3306 128, 5990 528, 2796 494, 5271 1086, 5310 890, 4974 600, 2933 442, 5781 750, 3310 797, 4109 552, 9689 581, 2933 610, 6911 1178, 5730 379, 2137 977, 4609 482, 4810 982, 4810	1844.0491 1023.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 669,4182 1078.6450 1913.0752 1287.6628 1508.8013 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720 1355.7166 1324.7125 2248.1212 2389.2109 1655.8849 1740.8881 1234.7125 2355.1314 756.4128 1912.9072 1375.5134 1796.4128 1912.9072 1375.7348 1912.9072 1376.4128 1912.9072 1376.4128 1912.9072 1376.4128 1912.9072 1376.4128 1912.9072 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8881 1376.4388 11740.8882	1844.0560 1762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1198.5691 1355.7157 1234.1733 2248.1257 2389.2020 1655.8883 1740.853	-3.75 2.98 3.21 1.04 2.51 1.73 2.96 2.23 3.29 4.7 2.50 2.47 2.50 3.35 6.223 3.29 6.0 3.35 6.223 3.29 6.0 3.35 6.2 2.37 2.50 3.25 6.2 2.47 2.50 3.25 6.2 2.47 2.50 3.25 6.2 2.47 2.50 3.25 6.3 3.25 6.3 3.2 2.49 3.21 6.3 3.2 2.49 3.21 6.3 3.2 3.49 3.21 6.0 6.3 3.2 3.49 3.21 6.0 6.3 3.2 3.49 3.21 6.0 6.3 3.2 3.49 3.21 6.0 6.3 3.2 3.49 3.21 6.0 6.3 3.2 3.49 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	1 1 1 0 0 0 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.1e+002 2.7e+002 1.9e+002 1.3e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002		LVGEYIVANEPVLEKK EDPTAGAGYYUKERALOGR YVPVKSA TAMENDFEIVLSGR + Oxidation (M) M.ATHEDREILIVPLEGR + Oxidation (M) IDETVERNELSPOSINATIEK EMSELTARIE + Oxidation (M) SIGGWYSLGVATK LITDILALEIGHANVIGK ALANAYGALAATKR SVPREFYSGLASGR MANILCLIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYWNENIR MEDVOSALADNVK + Oxidation (M) ARGGHOWLR LPSVTILLDGSVPAGLER REDAWAVLEDIR ALAGLAGTGROVIVPAR MAEGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGYVLYOPFEK VINNSNIVLVEFFERWOGHCK + Carbamidomethyl (C) CLHEGGREVVGGEK + Carbamidomethyl (C) CLHEGGREVVGGEK + Carbamidomethyl (C) LLHEGREFVGGEK + Carbamidomethyl (C) LLHEGREFVGGEK + Carbamidomethyl (C) LHEGREFVGGEK + Carbamidomethyl (C) LHEGREFVGGEK + Carbamidomethyl (C) LHEGREFVGGEK + Carbamidomethyl (C) LHEDITVARGETONYMGIK VANVANDCDISMLEFFRGMK + 2 Oxidation (M) SNLDGLHEFFRGLK VANVANDCDISMLEFFGMK + 2 Oxidation (M) SNLDGLHEFFRGK M MSARVTDLITETDLOGLARR VONNOSIGSSGLGDTITINHARR FLLGKRIVPDSPLIK TSKNDLSDLITTYR GTIFFRLE-MALDLIK NLSAGTGREMELHEPDLCVSK + Oxidation (M) VIYEDAR DIGSATLSMPSSEFGSK ERYLATLSKPVK KTGSSTISMLENVDAK LIMMATMLASMLVSGR + Oxidation (M) GALVIHGSVINKOPVEK
	2706 118 1989 3096 871 1175 2366 11782 2838 27 553 1895 2838 27 553 1787 2021 2549 1941 2584 3330 2020 2201 2426 1022 2426 1038 2427 2538 3348 2549 1427 2549 1427 2549 1427 2549 1427 2549 1427 1427 1427 1427 1427 1427 1427 1427	711, 6964 382, 2198 542, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 899, 5162 753, 4069 523, 2665 729, 0187 350, 7164 534, 2490 704, 8184 590, 3298 638, 6990 644, 8387 503, 9677 553, 8913 636, 3306 1188, 2726 644, 537 1086, 5310 890, 4974 600, 2933 452, 9128 442, 5781 797, 4109 552, 9689 581, 2933 612, 6930 379, 2137 575, 4609 459, 2137 575, 4609 459, 2599 886, 24810 927, 0161	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 1192.6094 1272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 1407.6222 1178.6450 1913.0752 1287.6628 1508.8813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720 1355.7166 1324.7125 2248.1212 2399.2109 1655.8849 1740.8851 1849.0515 2355.1314 775.4128 1912.9072 1375.7538	1844.0560 2132.0610 762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1506.7790 2184.0265 699.4167 1006.4832 1407.6188 1178.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1385.7197 2248.1257 2389.2020 1655.8833 1740.8530 1324.7173 2248.1257 2389.2020 1655.8833 1740.8530 1829.0451 2355.1239 776.4130 1912.9088 1376.7551 1734.8788 1762.9474 1882.0207	-3.75 2.98 3.10 4.10 4.10 4.10 4.10 4.10 4.10 4.10 4	1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 2.7e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 2.7e+002 2.7e+002 1.3e+002 2.7e+002 1.3e+002 2.7e+002 1.2e+002 2.8e+002 2.8e+002 2.2e+002 2.2e+002 2.1e+002 2.2e+002 2.2e+002 2.1e+002		LVGEYTVNNFPVKPKK EDPTAGAGYCJCGRTAALGGR YVPVKSA TAMMNDFEIVLSGR + Oxidation (M) MLATMEDDREILIVPLEGR + Oxidation (M) IDETVMENSLSPDSINATIEK EMSELTAKLR + Oxidation (M) SIGNVSIGVATK LITDLALEIGKHAVUQK ATANAYGALAATKR SVPREYSGLASGR MONICLIAVENSLPDGFSTK + Oxidation (M) IEVVIQ DYNNSNIR MODUSALADNVK + Oxidation (M) ARGGHYUKR LESYTYLELDGSVPAGLE RDAMAVLEDIR ALGALGATGRYVPAR MAGLIGSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TIDTEGALGYTVLTPPFGK VINNNOVLVEFFFFWGGHGK + Carbamidomethyl (C) LLIEGGREVVGGEK + Carbamidomethyl (C) LYDIIVVAEGIGNVAQIK SULDJLHFFFRAGLK SYNNOGUK SPEGGE CILOGSAGVASGR LIKPSSTHSPMK HSANYULITETDLQDLAER VQNNGSGSSGLGDTIINNAR FILGDENVPDSFINK TSKNOLSDLITTY ROTTFRELLSFRADLIK NILSAGYGKMEILHDFDLCVSK + Oxidation (M) VIFEDAR DIGSATLSFRYEK KTGSSTISHVENVADK LIMGAIMLASKLVSSR + Oxidation (M) GALVIHROVINKOPVEK KTGSSTISHVENVADK LIMGAIMLASKLVSSR + Oxidation (M) GALVIHROVINKOPVEK
	2706 118 1989 3096 871 1782 2366 1782 2838 871 1553 1697 2021 2549 2021 2549 2813 2813 2928 887 1232 21787 2928 887 1232 2442 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 2929 887 1242 1242 1242 1242 1242 1242 1242 124	711, 6964 382, 2198 542, 2758 1146, 0630 783, 4066 597, 3120 425, 2426 783, 4069 523, 2665 729, 0187 350, 7144 534, 2490 704, 8184 590, 3298 638, 6990 644, 8387 503, 9677 553, 8913 636, 3306 1288, 5990 644, 8387 636, 3306 1288, 5990 644, 8387 636, 3306 1288, 5990 644, 8387 636, 3306 1288, 5990 644, 8387 539, 3997 531, 8913 636, 3306 1288, 5990 61888, 5990 61888, 5990 61888, 5990 61888, 5990 61888, 5990 61888, 5990 61888, 5990	1844.0491 2132.0674 762.4250 1623.8056 2290.1114 2347.2040 11272.7060 1797.0178 1504.7992 1566.7837 2184.0343 699.4182 1066.4834 4407.6222 1178.6450 1913.0752 1286.08813 1658.6521 1905.9700 2375.1634 1581.7960 1974.0793 2171.0474 1778.9802 1198.5720 1395.71634 1581.7960 1274.7125 2248.1212 2389.2109 1655.8849 1740.8851 1829.0515 2355.1314 756.4128 1912.9072 1376.7538 1734.8852 1756.2974 1852.0176 2273.2174 1852.0176 2273.2174 1852.0176	1844.0560 1762.4276 1623.8039 2290.1151 2347.1981 1192.6121 1272.7038 1797.0247 1566.7790 2184.0265 699.4167 1066.4832 1407.6188 1178.6421 1913.0734 1287.6605 1508.8787 1658.6521 1905.9684 2375.1555 1581.7933 1974.0860 2171.0425 1778.9791 1198.5691 1355.7157 1234.1733 2248.1257 2389.2020 1655.8883 1740.853	-3.75 2.98 2.51 1.04 2.51 1.05 2.98 2.51 1.04 2.51 1.73 2.96 3.56 6.0.90 3.56 6.0.90 3.3.56 1.70 3.8.3 3.35 1.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	1 1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0	14 14 14 14 14 14 14 14 14 14 14 14 14 1	43 2.3e+002 3.2e+002 2.7e+002 2.1e+002 2.7e+002 2.1e+002 2.7e+002 1.3e+002 1.3e+002 1.2e+002 1.2e+002 1.2e+002 2.2e+002 1.2e+002 2.2e+002 2.2e+002 2.2e+002 2.2e+002 2.1e+002		LVGEYIVANEPVLEKK EDPTAGAGYYUKERALOGR YVPVKSA TAMENDFEIVLSGR + Oxidation (M) M.ATHEDREILIVPLEGR + Oxidation (M) IDETVERNELSPOSINATIEK EMSELTARIE + Oxidation (M) SIGGWYSLGVATK LITDILALEIGHANVIGK ALANAYGALAATKR SVPREFYSGLASGR MANILCLIMVENSLPDGFSTK + Oxidation (M) IEVVIQ DYWNENIR MEDVOSALADNVK + Oxidation (M) ARGGHOWLR LPSVTILLDGSVPAGLER REDAWAVLEDIR ALAGLAGTGROVIVPAR MAEGLGCSAMAVDGCR + Carbamidomethyl (C); 2 Oxidation (M) TITDIEGALGYVLYOPFEK VINNSNIVLVEFFERWOGHCK + Carbamidomethyl (C) CLHEGGREVVGGEK + Carbamidomethyl (C) CLHEGGREVVGGEK + Carbamidomethyl (C) LLHEGREFVGGEK + Carbamidomethyl (C) LLHEGREFVGGEK + Carbamidomethyl (C) LHEGREFVGGEK + Carbamidomethyl (C) LHEGREFVGGEK + Carbamidomethyl (C) LHEGREFVGGEK + Carbamidomethyl (C) LHEDITVARGETONYMGIK VANVANDCDISMLEFFRGMK + 2 Oxidation (M) SNLDGLHEFFRGLK VANVANDCDISMLEFFGMK + 2 Oxidation (M) SNLDGLHEFFRGK M MSARVTDLITETDLOGLARR VONNOSIGSSGLGDTITINHARR FLLGKRIVPDSPLIK TSKNDLSDLITTYR GTIFFRLE-MALDLIK NLSAGTGREMELHEPDLCVSK + Oxidation (M) VIYEDAR DIGSATLSMPSSEFGSK ERYLATLSKPVK KTGSSTISMLENVDAK LIMMATMLASMLVSGR + Oxidation (M) GALVIHGSVINKOPVEK

-		774 2052	1546 7560	1546 7601	2 50	1		2.1e+002	1	SSGSPRHENVHVGGK
8	1855			1546.7601						
₩.	146		783.3760			1	14	78	1	RGDGSHR
<b>W</b>	1178			1272.7111		0		1.5e+002	1	LSIEQLIQMAK
8	3101			2290.1838		1	14		1	MDTLDKTDLQILSILQSNAR + Oxidation (M)
₩.	1042			1232.6877		1	14	2e+002		LDANGRYALLK
8	845			1181.5789		1		2.7e+002		LDIHERDER
₩.	1549				3.24				1	QPDMEGVPVKLK + Oxidation (M)
₩.	2578			1961.0438		1			1	GKVLLMENVASLQGTMVR + Oxidation (M)
<b>W</b>	2739	1072.9990	2143.9834	2143.9883	-2.25	0	14	1.4e+002	1	GDTAAGPGAGAGPGPGAGAAAEPDPR
8	1696	703.8803	1405.7460	1405.7421	2.80	1	14	2.7e+002	1	MSAITAKMVADLR
W	2641	1033.5030	2064.9914	2064.9898	0.78	0	14	2.1e+002	1	DGGPELNNVNIMAVAHGETK
₩.	1945		1581.7976		0.30	1	14	2.4e+002	1	NPNRSGGSPVLGGTGGR
₩	1358			1305.6095		1		1.5e+002	1	MASTSTGHQRSK + Oxidation (M)
8	472		1024.4392		0.95	ī	14	67	ī	SEEKTAMVD + Oxidation (M)
					3.41	1	14		i	
₩.	3080		2276.1474 1118.4476				14		1	AVDQLLVDGSNVSFSDDARLR
~	665				0.03	0		17		DDGDGDAADLR
8	2438		1832.9178		2.69	1	14		1	GVHIETTIDNQAKDHR
₩.	2514			1893.8381		1	14	98	1	GIQSDFARYEDESSYK
<b>W</b>	949			1218.6213		0		3.1e+002	1	CSINAICAVIR + Carbamidomethyl (C)
$\overline{\mathbf{w}}$	2140			1715.9359		1		1.6e+002	1	SAFAWGLASRVVPLDK
<b>W</b>	1031			1228.6485		0		3.5e+002	1	DQLEMLVPIR + Oxidation (M)
₩.	2569	649.0328	1944.0766	1944.0754		0	14	92	1	VAVLVSGGVDSSLALWIMK
<b>W</b>	148	393.7397	785.4648	785.4647	0.18	0	14	4e+002	1	GAPTVTLK
8	581	541.7958	1081.5770	1081.5768	0.27	0	14	1.8e+002	1	IPNDAVPASAK
₩.	1594	457.9123	1370.7151	1370.7162	-0.86	1	14	2.4e+002	1	HVLCKNLSCVQK
<b>3</b>	2039	838.3882	1674.7618	1674.7632	-0.78	0	14	1.4e+002	1	EGCSLSTSPTNVSTHR
₩.	1611	459.5811	1375.7215	1375.7169	3.29	1	14	2.7e+002	1	ILHSDMEKIFK + Oxidation (M)
₩	1523			1351.6112		1	14	1.5e+002	1	KMMQTENDLDK
₩	1547			1355.7157		0			1	LVQINDGAGNSIR
8	1643			1386.7507		0			1	VIDAYLGHGLTTK
	2042			1677.8429		1			1	ISENIISQMKEQMK
	356			941.4719		0			1	WTPPQASR
	_									
<b>F</b>	3324			2391.3308		1	14		1	SPLSSILMGAHILNSGKLSGKPGK ARGVHGDVIDAAMK + Oxidation (M)
8	1755			1454.7300		1		2.2e+002	1	
8	1635			1383.6639		1		2.1e+002	1	MALLYKDQSGCR
8	1357			1304.6394		1		3.2e+002	1	KLPMAGDVTSDR + Oxidation (M)
₩.	2511			1888.0418		1		1.1e+002	1	STVIPYLLQAETRELR
₩	2751	717.6991	2150.0755	2150.0790	-1.63	0	14	2.7e+002	1	LNQTIEHEATPQIQGMVNK
<b>W</b>	918	605.3022	1208.5898	1208.5893	0.43	0	14	3.3e+002	1	QGMMQSLLTGK + Oxidation (M)
8	1614	689.3774	1376.7402	1376.7452	-3.60	1	14	2.2e+002	1	AKLYGFLSEPPR
w	2506	944.5342	1887.0538	1887.0466	3.86	0	14	1e+002	1	SAPTLSNGSILQNVFVLK
₩	2331	890.9058	1779.7970	1779.7985	-0.84	0	14	1.3e+002	1	VDGVECVDLETEYPR + Carbamidomethyl (C)
<b>W</b>	2946			2228.0830		1	14	2.3e+002	1	NMGYVGGPALGGLLYGMAGRSR + 2 Oxidation (M)
8	2135			1713.8971		0		2.5e+002	1	MAEVPGLLISAPSSGTGK
₩.	2923			2224.0795		0		2.4e+002	1	EFLTANLSIMEYLLSFCSK + Oxidation (M)
8	544		1064.5630		1.49	1		2.5e+002	1	KGTDQFTIR
₩	1491			1342.5897		ō	14	91	1	IYEMAMEDGIR + Oxidation (M)
₩	2456		1852.0156		3.37	0		1.2e+002	1	LPEPEIILVDEAHHIK
₩	3400			2606.3050	0.09	0		2.1e+002	1	LGQDLLDLLTFNLSLSLDDCWR + Carbamidomethyl (C)
8	1535			1354.7092		0		2.3e+002	1	APAQVVEVVSDNK
₩	1609		1374.7358		2.10	0		2.4e+002	1	SMQTAFVLTIHK
₩	611			1090.6056		1		3.1e+002	1	IKGCTDLITK
				845.4243		0		5.4e+002	i	NSVGVENK
8	247									
8	2688			2111.0027		0	14		1	QNNSPIIVTGGMAEMVYQK + 2 Oxidation (M)
8	1666			1392.7473		1	14		1	DKADIQIHGIQR
~	2523			1898.9585		0		2.5e+002	1	VSVEDATAVTLAGPDALDR
<b>*</b>	1744				2.46	1		2.8e+002		NRPAAKGEFEIGR
<b>*</b>	2364			1796.9785		1		1.9e+002		FKDKPNLTIHSADALK
<b>W</b>	1544			1355.7157				2.6e+002		RSLNPDGLDLTR
₩.	2927			2226.0483				2e+002		<pre>MASDTIMASFVCQVHSGIIK + Carbamidomethyl (C); 2 Oxidation (M)</pre>
<b>V</b>	1397		1315.6274		2.81	1	14	2.3e+002	1	ASNTVCHRCLR + Carbamidomethyl (C)
₩.	2538			1910.0334		0			1	SPSTARPSTPTSRPLLSR
<b>W</b>	3334	602.0645	2404.2289	2404.2346	-2.39	1	14	2.2e+002	1	ETAGRNIPLLPDLPGDGDTANLR
$\overline{\mathscr{C}}$	2735	715.0363	2142.0871	2142.0786	3.98	1	14	2.2e+002	1	IHETVIYHYLAKYYDSK
¥	1436	665.3731	1328.7316	1328.7308	0.60	0	13	2.5e+002	1	LLSGVCCLIVPR + Carbamidomethyl (C)
8	2270			1767.9593		1		1.8e+002	1	TFMVEISFATKIPLR + Oxidation (M)
<b>V</b>	894			1200.6098		0	13	3e+002	1	QAGIESAALDAR
₩						1	1.3	2.8e+002	1	
₩	1990	542.2762	1623.8068	1623.8039	1.78					GNFLCSNTSVKELR + Carbamidomethyl (C)
	1990 53	542.2762 364.2086	1623.8068 726.4026			0	13	3e+002	1	GNFLCSNTSVKELR + Carbamidomethyl (C) AISAHTK
1	53	364.2086	726.4026	726.4024	0.31		13		1	<del>-</del>
8	<u>53</u> 1192	364.2086 637.8163	726.4026 1273.6180	726.4024 1273.6163	0.31	0	13 13	3e+002 2.2e+002		AISAHTK RQVEWTADGGR
<b>W</b>	<u>53</u> 1192 3173	364.2086 637.8163 1157.6320	726.4026 1273.6180 2313.2494	726.4024 1273.6163 2313.2514	0.31 1.33 -0.86	0 1 1	13 13 13	3e+002 2.2e+002 1.3e+002	1 1	AISAHTK RQVEWTADGGR VLKNAWLAVALAAIAASQESCK + Carbamidomethyl (C)
¥	53 1192 3173 3084	364.2086 637.8163 1157.6320 571.7930	726.4026 1273.6180 2313.2494 2283.1429	726.4024 1273.6163 2313.2514 2283.1495	0.31 1.33 -0.86 -2.90	0 1 1	13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002	1	AISAHTK RQVENTADGR VLKNAWLAVALAATAASQESCK + Carbamidomethyl (C) LLATFAGEGEPAGGATAPAAGADLR
	53 1192 3173 3084 3312	364.2086 637.8163 1157.6320 571.7930 797.4055	726.4026 1273.6180 2313.2494 2283.1429 2389.1947	726.4024 1273.6163 2313.2514 2283.1495 2389.1887	0.31 1.33 -0.86 -2.90 2.50	0 1 1 0	13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002	1 1 1	AISAHTK RQVENTADGR VLKNAWLAVALAAIAASQESCK + Carbamidomethyl (C) LLATFAGEGEPAGGATAPAAGADLR AFNGTYAQDILDRGRPQGTPGR
8 8 8	53 1192 3173 3084 3312 650	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812	0.31 1.33 -0.86 -2.90 2.50 2.25	0 1 1 0 1	13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002	1 1 1 1	AISAHTK RQVBWTADGGR VLKNAWLANALAAIAASQESCK + Carbamidomethyl (C) LLATFAGESEPAGGATAPAAGADLR AFNGTYAQDILDRGRPQGTPGR GEELISTUGK
8 8 8 8	53 1192 3173 3084 3312 650 3463	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08	0 1 1 0 1	13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002	1 1 1 1 1	AISAHTK RQVBWIADGGR VLKNAMKANALAAIAASQESCK + Carbamidomethyl (C) LLATFAGEGEPAGGATAPAAGADLR APHOTYAQDILDRGRPQGTPGR GEBILSYLGK FMGPQRDCLAQLAQGPMMLDEETK + 2 Oxidation (M)
	53 1192 3173 3084 3312 650 3463 870	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64	0 1 1 0 1 0	13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 2.6e+002	1 1 1 1 1 1	AISHITK RQVENTADGGR VLNNAMLAVALAAIAASQESCK + Carbamidomethyl (C) LLATFAGEGERAGGATAPAAGADLR APHOTYAGOLDEGREPGOTFOR GEBILSYLGK FMGPQRDCLAQLAQGPMLDEETK + 2 Oxidation (M) SKMFDEALIN
	53 1192 3173 3084 3312 650 3463 870 2406	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80	0 1 1 0 1 0 1 1 0	13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 2.6e+002	1 1 1 1 1 1 1	AISAHTK RQVEWIADOGR VLKNAMLANIAAIAASQESCK + Carbamidomethyl (C) LLATPAGESEPAGGATAPAAGADLR AFNGTYAQDILDRGRPGGTFGR GEELISYLGK FMSFGRDCLAQLAQGFMMLDEETK + 2 Oxidation (M) SKNFDEAINR ELTENYTPILCALGGIK
	53 1192 3173 3084 3312 650 3463 870 2406 857	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30	0 1 1 0 1 0 1 1 0	13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 67 22	1 1 1 1 1 1 1 1	AISAHTK RQVENTADGGR VLKNAMLAVALBALBASQESCK + Carbamidomethyl (C) LLATFAGEGEPVAGGATAPAAGADLR APROTTAGDLLBGREPGGTGR GEBLISYLCK PMPGPROCLAGLAGGPMMLDEETK + 2 Oxidation (M) SKNFDEAINR ELIEAYIPILCALGGIK LSCPECSFECR
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 965.5422	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1929.0698	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06	0 1 1 0 1 0 1 1 0 0	13 13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 67 22 89	1 1 1 1 1 1 1 1	AISAHTK RQVBTTADGGR VLKNAMLANALAAIAASQESCK + Carbamidomethyl (C) LLATFAGEGERAGGATAPAAGADLR AFNOTYAQDILDGGRPQGTFGR GEELLSTLGK FMGPGRDCLAGLAGGPMMLDEETK + 2 Oxidation (M) SKMFDEARIN ELIEAYTPILCALGGIK LSCPSCSFSCR TVGAFELINGGCAGAFLLLGK
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 965.5422 463.7631	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1929.0698	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86	0 1 1 0 1 0 1 1 0 0 0 1	13 13 13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 67 22 89 1.7e+002	1 1 1 1 1 1 1 1 1 1	AISAHTK RQVENTADOGR VLNNAMLANTAAIAASQESCK + Carbamidomethyl (C) LLATPAGEGEPAGGATAPAAGADLR AFRGYJAQDILDRGRPGGTFGR GEELISYLER FMGFGRDCLAQLAQGPMMLDEETK + 2 Oxidation (M) SKNFDEAINR ELIEAYTPILCALGGIK LSCPSCSFSCR TVGAPLLTGGCAAGAFLLLGK WSIQKLK
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 463.7631 1003.9990	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1299.0698 925.5116 2005.9834	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78	0 1 1 0 1 0 1 1 0 0 0 1 1 1	13 13 13 13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 67 22 89 1.7e+002 2.6e+002	1 1 1 1 1 1 1 1 1 1 1 1	AISAHTK RQVENTADGGR VLNNAMLANIAASQESCK + Carbamidomethyl (C) LLATFAGSGEPAGGATAPAAGADLR APHOTYAGOLDEGREPGGTER GERLISYLGK FMGPROLLAQLAGGMENLDEETK + 2 Oxidation (M) SKMFDEALNR ELIEAYIFHICALGGIK LSCPECSFSCR TVGAPLLTGGCAAGAFLLLGK WSIQKLK AQVQVLPDTCILKSEK + Carbamidomethyl (C)
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 463.7631 1003.9990	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1299.0698 925.5116 2005.9834	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78	0 1 1 0 1 0 1 1 0 0 0 1	13 13 13 13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 67 22 89 1.7e+002	1 1 1 1 1 1 1 1 1 1	AISAHTK RQVENTADGGR VLKNAWLANALAAIAASQESCK + Carbamidomethyl (C) LLATPAGESEPAGGATAPAAGADLR AFNGTYAQDILDRGRPQGTPGR GEELISYLK FMEPGRDCLAQLAQGPMKLDEETK + 2 Oxidation (M) SKMPDEARIR ELIEAYIPILCALGGIK LSCPSCSFSCR TVGAFLLIGGCAAGAFLLIGK WSHQKLK AQVQILPDTCIIKSEK + Carbamidomethyl (C) ACNSCLEPHIR + Carbamidomethyl (C)
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 998.5358 998.5215 595.2422 965.5422 463.7631 1003.9990 666.8308	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1929.0698 925.5116 2005.9834 1331.6470	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78 -0.58	0 1 1 0 1 0 1 1 0 0 0 1 1 0 0	13 13 13 13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 67 22 89 1.7e+002 2.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AISAHTK RQVBVIADGGR VLKNAWLANALAAIAASQESCK + Carbamidomethyl (C) LLATYAGBGEPAGGATAPAAGADLR AFNGTYAQDILDRGRPQGTPGR GEELISYLK FMSPGRDCLAQLAQGPMKLDEETK + 2 Oxidation (M) SKMFDEARIR ELIEAYIPILCALGGIK LSCPSCSFSCR TVGAFLLIGGCAAGAFLLIGK WSHQKLK AQVQILPDTCIIKSEK + Carbamidomethyl (C) ACKSCLLPWLR + Carbamidomethyl (C)
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602 1447	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 463.7631 1003.9990 666.8308 927.9402	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 1192.5856 1815.0284 1188.4698 1299.0698 925.5116 2005.9834 1331.6470 1853.8658	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819 1331.6478 1853.8652	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78 -0.58	0 1 1 0 1 0 1 1 0 0 0 0 1 1 0 0	13 13 13 13 13 13 13 13 13 13 13 13 13	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 1.2e+002 67 22 89 1.7e+002 2.6e+002 3.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AISHITK RQVENTADGGR VLKNAMLAVALAALAASQESCK + Carbamidomethyl (C) LLATRAGEGEPAGGATAPAAGADLR APHOTTAGDLDEGREPGOTEGR GEBLISYLGK PMGPGRDCLAGLAGGPMGLDEETK + 2 Oxidation (M) SKHFDEAIR ELIEAYIPIICALGGIK LSCPECSFSCR TVGAFLITGGCAAGAFLLIGK WSHQKLK AQYQYLFDTCIIKSEK + Carbamidomethyl (C) ACMSCLLPMLR + Carbamidomethyl (C) HTCCVESIUKSESGK + Carbamidomethyl (C); Oxidation (M)
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602 1447 2458 2689	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 463.7631 1003.9990 666.8308 927.9402 704.6763	726.4026 1273.6180 2313.2494 2383.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 925.5116 2005.9834 1331.6470 1853.8658 2111.0071	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819 1331.6478 1853.8652 2111.0027	0.31 1.33 -0.86 -2.90 2.55 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78 -0.58 0.36 2.06	0 1 1 0 1 0 1 1 0 0 0 0 1 1 0 0	13 13 13 13 13 13 13 13 13 13 13 13 13 1	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 1.2e+002 2.6e+002 67 22 89 1.7e+002 2.6e+002 3.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AISAHTK RQVBVIADGGR VLKNAWLANALAAIAASQESCK + Carbamidomethyl (C) LLATYAGBGEPAGGATAPAAGADLR AFNGTYAQDILDRGRPQGTPGR GEELISYLK FMSPGRDCLAQLAQGPMKLDEETK + 2 Oxidation (M) SKMFDEARIR ELIEAYIPILCALGGIK LSCPSCSFSCR TVGAFLLIGGCAAGAFLLIGK WSHQKLK AQVQILPDTCIIKSEK + Carbamidomethyl (C) ACKSCLLPWLR + Carbamidomethyl (C)
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602 1447 2458 2689 2362	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 965.5422 463.7631 1003.9990 666.8308 927.9402 704.6763 899.4576	726.4026 1273.6180 2313.2494 2283.1429 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1929.0698 925.5116 2005.9834 1331.6470 1853.8658 2111.0071 1796.9006	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819 1331.6478 1853.8652 2111.0027 1796.9057	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78 -0.58 0.36 2.06 -2.79	0 1 1 0 1 0 1 0 0 0 1 1 0 1 0 1 1 0 1	13 13 13 13 13 13 13 13 13 13 13 13 13 1	3e+002 2.2e+002 1.3e+002 2.5e+002 2.4e+002 2.7e+002 1.2e+002 2.6e+002 67 22 89 1.7e+002 2.6e+002 3.2e+002 2.2e+002 2.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AISAHTK RQVBYTADGGR VLKNAMLANALAAIAASQESCK + Carbamidomethyl (C) LLATRAGESEPAGGATAPAAGADLR APKOTYAGDILDGREPQGTPGR GEEILSYLGK FMGPGRDCLAGLAGGPMKLDEETK + 2 Oxidation (M) SKMFDEAINE ELTERYTPILCALGGIK LSCPSCSFSCR TVGAPLITGGCAAGAFLLLGK WSIQKIK AQVQVLEPTCGIKSEK + Carbamidomethyl (C) ACMSCLLPWLR + Carbamidomethyl (C) HTTCVESLVKMSEGKR + Carbamidomethyl (C); Oxidation (M) QKLDTSIDMMNTQLKSGK + Oxidation (M)
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602 1447 2458 2689 2362 739	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 965.5422 463.7631 1003.9990 666.8308 92.9402 704.6763 899.4576 568.7970	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0284 1188.4698 1929.0698 925.5116 2005.9834 1331.6470 1853.8658 2111.0071 1796.9006 1135.5794	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2295.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819 1331.6478 1853.8652 2111.0027 1796.9057 1135.5808	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78 -0.58 0.36 2.06 -2.79 -1.17	0 1 1 0 1 0 0 0 0 0 1 1 0 0 1 1 1 0 1 1 1 0 1	13 13 13 13 13 13 13 13 13 13 13 13 13 1	3e+002 2.2e+002 1.3e+002 2.5e+002 2.5e+002 2.4e+002 2.6e+002 2.6e+002 3.2e+002 2.6e+002 3.2e+002 2.2e+002 2.2e+002 2.8e+002 2.8e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AISHITK RQVENTADGGR VLKNAMLAVALAALASQESCK + Carbamidomethyl (C) LLATFAGEGERPAGGATAFAAGADLR APKOTYAGOLDEGREPGOTFOR GEBILSYLGK FMGPQRDCLAQLAGGMMLDEETK + 2 Oxidation (M) SKMFDEALINE ELIEAYIFHICALGGIK LSCPSCSFSCR TVGABLINGGCAAGAFLLIGK WSHQKLK AQYQYLEPTCIIKSEK + Carbamidomethyl (C) ACMSCLLPMLR + Carbamidomethyl (C) ACMSCLLPMLR + Carbamidomethyl (C); Oxidation (M) QMLDTSIDMGNTQLKSGK + Oxidation (M) EPAAEGLEAGGLMONK XRTPEALING
	53 1192 3173 3084 3312 650 3463 870 2406 857 2558 332 2602 1447 2458 2689 2362	364.2086 637.8163 1157.6320 571.7930 797.4055 554.7991 932.7635 398.5358 908.5215 595.2422 965.5422 463.7631 1003.9990 666.8308 927.9402 704.6763 899.4576 568.7970 528.2719	726.4026 1273.6180 2313.2494 2283.1429 2389.1947 1107.5836 2795.2687 1192.5856 1815.0224 1188.4698 1929.0698 925.5116 2005.9834 1331.6470 1853.8658 2111.0071 1796.9006 1135.5794 1581.7939	726.4024 1273.6163 2313.2514 2283.1495 2389.1887 1107.5812 2795.2717 1192.5836 1815.0215 1188.4726 1929.0758 925.5134 2005.9819 1331.6478 1853.8652 2111.0027 1796.9057	0.31 1.33 -0.86 -2.90 2.50 2.25 -1.08 1.64 3.80 -2.30 -3.06 -1.86 0.78 -0.58 0.36 2.06 -2.79 -1.17 -2.19	0 1 1 0 1 0 1 1 0 0 0 1 1 1 0 1 1 1 1 0 1	13 13 13 13 13 13 13 13 13 13 13 13 13 1	3e+002 2.2e+002 1.3e+002 2.5e+002 2.5e+002 2.4e+002 2.6e+002 2.6e+002 3.2e+002 2.6e+002 3.2e+002 2.2e+002 2.2e+002 2.8e+002 2.8e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AISAHTK RQVENTADGGR VLNAWALAAIAASQESCK + Carbamidomethyl (C) LLATPAGESEPAGGATAPAAGADLR APHGTYAQDILDGGRPQGTPGR GESTLSYLK PMGPGRDCLAQLAQGPMMLDEETK + 2 Oxidation (M) SKMPDEAINR ELIEAYTPILCALGGIK LSCPSCSFSCR TVGAPLLTGGCAAGAFLLIGK WSHQKLK AQVQTLPTCIIKSEK + Carbamidomethyl (C) ACNSCLLPWLR + Carbamidomethyl (C) HTSCVSSLVKMSESGK + Carbamidomethyl (C) HTSCVSSLVKMSESGK + Carbamidomethyl (C) GLDTSIDMNTQLKSGK + Carbamidomethyl (C) PARSCLEDPILR + Carbamidomethyl (C) HTSCVSSLVKMSESGK + Carbamidomethyl (C) PARSCLEDPILR + Carbamidomethyl (C) HTSCVSSLVKMSESGK + Carbamidomethyl (C) PARSCLEDPILR + CARBAMIDOMETHYL (C) HTSCVSSLVKMSESGK + CARBAMIDOMETHYL (C) PARSCLEDPILR + CARBAMIDOMETHYL (C) PROPRING

```
929.4424 1856.8702 1856.8702 0.04 0 13 2.1e+002 1
       1146.6210 2291.2274 2291.2281 -0.27 1
                                                                       AVQSARQQAGIVKPATCHTLR + Carbamidomethyl (C)
        768.0905 2301.2497 2301.2485 0.51
        667.3719 1332.7292 1332.7258 2.62
                                                                       OIVVGICAMSKK + Carbamidomethyl (C)
        797.7324 2390.1754 2390.1722 1.32 1
        484.2770 966.5394 966.5359 3.67
        1077.0330 2152.0514 2152.0583 -3.17
                                                                        SQAAAAAAAAARPKPKANSPAAR
        1074.0940 2146.1734 2146.1718 0.75
2742
        1113.5540 2225.0934 2225.0998 -2.84
                                                                        MLLDLDGTLVDHEAAAESGLR
2926
        622.8454 1243.6762 1243.6714 3.93
        447.9086 1340.7040 1340.7048 -0.61
                                                                        YEVDMVQSLIEEFVTPNR + Oxidation (M)
≥ 2839
        729.0193 2184.0361 2184.0409 -2.20
☑ 1769
        741.8663 1481.7180 1481.7184 -0.25
                                                13 2.7e+002
        879.9988 1757.9830 1757.9887 -3.20

☑ 1871

        777.3260 1552.6374 1552.6326 3.09
                                                                       CFPDQMPEWESK + Carbamidomethyl (C)
        458.2660 914.5174 914.5185 -1.16
                                                13 8.5e+002
                                                                        NEGLKAVGK
        604.3010 1206.5874 1206.5914 -3.29
                                                13 3.7e+002
                                                                       LTKDEMDALR + Oxidation (M)
        773.3959 1544.7772 1544.7731 2.68
                                                                        VMVVNGLGSYLCYK
        546.3091 1090.6036 1090.6056 -1.81
                                                                        IKEGTTVCIK
        790.4518 1578.8890 1578.8869 1.39
                                                13 1e+002
                                                                       YLEVSSSKVVVEI
        634.6948 1901.0626 1901.0622 0.21 1
        408.2111 1221.6115 1221.6102 1.07
        660.8314 1319.6482 1319.6503 -1.58
                                                                        CRIAAASDLGDTE
        478.7764 955.5382 955.5352 3.22
        937.0316 1872.0486 1872.0509 -1.20 0
                                                                        ATIPTIPHPAAVSPYPLK
                                                                        NQVVIRPCSSSTNVFDPLNVF
  3183
        1159.1040 2316.1934 2316.1896 1.65
                                               13 2.4e+002
        352.8094 1055.4064 1055.4086 -2.08 0
                                                13 15 1
                                                                       LMECSECGK + Carbamidomethyl (C)
        439.2370 1314.6892 1314.6853 2.92
                                                                       QVLEIVGPGMEK + Oxidation (M)
                                                13 3.4e+002
        757.9202 1513.8258 1513.8286 -1.85
                                                13 2.3e+002
                                                                        IVLATKVGSEMGPGR
≥ 2381
        601.3434 1801.0084 1801.0132 -2.65
                                                13 1.1e+002
                                                                       IVETCQGAITVTVARLE
        686.8780 1371.7414 1371.7398 1.19
                                                13 2e+002
                                                                        TPTPPPPPISGSPK
        573.5529 2290.1825 2290.1734 3.95
                                                13 2.3e+002
                                                                       MLIAKPCTSMKAINITPEEK + Carbamidomethyl (C); Oxidation (M)
  283
        441.7509 881.4872 881.4872 0.11 1
                                                13 1.4e+002
                                                                       HKIHGYK
        728.6819 2183.0239 2183.0317 -3.58 1
                                               13 2.3e+002
                                                                       FDEFDSDILDNRLCAAALR
        384.6978 767.3810 767.3788 2.87 0
                                                13 2.1e+002 1
                                                                        YMWIR
        652.8536 1303.6926 1303.6884 3.22
                                                13 3.8e+002
                                                                       LFGRDETPTLR
        1067.5320 2133.0494 2133.0491 0.18 1
                                                13 3.2e+002
                                                                       NLKAEQGYQVDLVYGHDGK
        734.6848 2201.0326 2201.0276 2.24
                                                13 2.1e+002
                                                                       REFSPPANPPAPSFREKSNK
        768.4013 2302.1821 2302.1813 0.32
                                                13 2.6e+002
                                                                       LHVAVLLNVIMDAYEOCISR + Oxidation (M)
        487.2591 972.5036 972.5062 -2.67 0
                                               13 3e+002 1
                                                                       SNAVAPGMVK
        401.2106 1200.6100 1200.6098 0.10 1
                                                13 3.4e+002
                                                                       DVEAREKOVGE
        654.8335 1307.6524 1307.6557 -2.49 1
                                               13 2.8e+002
                                                                       LWSGPOPRHCK
        973.5125 1945.0104 1945.0057 2.42 0
                                                13 2.5e+002
                                                                        GQQVQLANELLASFWNK
        468.2346 1401.6820 1401.6785 2.50
                                                13 2.5e+002
                                                                        MFVCSKNEFIK + Carbamidomethyl (C)
        700.6779 2099.0119 2099.0131 -0.57 0
                                                13 2.6e+002
                                                                       DQIASHTQSIQQSLTDAEK
        447.7690 893.5234 893.5222 1.41 1
                                               13 77
                                                                       YIETKIK
  292
        698.3716 1394.7286 1394.7302 -1.11 0
                                                13 2.6e+002 1
                                                                        MFMVSVTVLPQK + Oxidation (M)
1979
        809.8770 1617.7394 1617.7392 0.16
                                               13 1.9e+002
                                                                        VHTGEKDEECNVCD
        781.7346 2342.1820 2342.1749 3.01 0
                                                13 4.2e+002
                                                                       TGFMIESMTTAIVENILSLEK + Oxidation (M)
        635.3461 1268.6776 1268.6738 3.02
                                               13 1.6e+002
                                                                       TWHRT.VSTGGR
        1089.0550 2176.0954 2176.0980 -1.18
                                                13 3e+002
                                                                       RDLEVLDVCTGSGCIAVSLAR
743.3668 2227.0786 2227.0844 -2.62
                                                13 2.8e+002
                                                                       RILINSYTWILISDWSTCNR
        484.7920 967.5694 967.5702 -0.78 0
                                                13 97
                                                                       LAGPAAVELK
3083
        762.0532 2283.1378 2283.1342 1.56 1
                                               13 2.8e+002
                                                                       T.N.S.S.A.RUT.DDANNDURT.A.DRK
☑ 2904
        738,7115 2213,1127 2213,1111 0.73
                                                13 2.8e+002
                                                                        EGDVNVMGVSPAVAVOSLVGNR + Oxidation (M)
図 3081
        761.7307 2282.1703 2282.1754 -2.25
                                               13 2.6e+002
                                                                       DIOITLDEPELVTRDATTPR
        650.3531 1298.6916 1298.6911 0.44 0
                                                13 3.1e+002
                                                                       FIEPPPFDLPK
₩ 3384
       1254.1580 2506.3014 2506.2998 0.67
                                                13 2.2e+002
                                                                       TFSLMAAINGIAPVGAPVLGGIMMK + 3 Oxidation (M)
        389.7086 777.4026 777.4021 0.73 0
                                                13 7.6e+002
                                                                       YIPTER
  423
        493,2700 984,5254 984,5280 -2,59
                                                13 3.1e+002
                                                                       SKIPYYSK
       1087 5540 2173 0934 2173 1015 =3 71 1
                                                13 2 80+002
                                                                       EVTIGALROODWTELTOAK

□ 1017

        613.8236 1225.6326 1225.6349 -1.88
                                                13 2.8e+002
                                                                        RMDHNIATLR
773.7211 2318.1415 2318.1390 1.05
                                                13 3e+002
                                                                        SEAVGGLAVAPDADAVVADTTSFR
                                                                       GGCYIDGLMVFLSMROAGFR + Carbamidomethyl (C): Oxidation (M)
☑ 3127
        765.3693 2293.0861 2293.0806 2.38
                                               13 2.7e+002
        589.7928 1177.5710 1177.5728 -1.45 0
                                                13 2.4e+002
                                                                       GFDSVAAGDALR
        605.8123 1209.6100 1209.6064 3.04
                                                13 3.8e+002
                                                                       DOFTKVTMPK + Oxidation (M)
                                                                       INGEDIFFICATION + Carbamidomethyl (C)
        731.3746 2191.1020 2191.1017 0.13
                                                13 3e+002
☑ 3135
        767.7611 2300.2615 2300.2675 -2.61
                                                13 1e+002
                                                                       QVQAIVVVSPTAVDVGMRYLR
₩ 393
        484.7380 967.4614 967.4611 0.39 0
                                                13 2.3e+002
                                                                       LSNSTDFGK
                                                                        CDLGEVNVLLPK + Carbamidomethyl (C)
☑ 1540
        452.9124 1355.7154 1355.7119 2.57 0
☑ 2468
        929.0336 1856.0526 1856.0506 1.10 1
                                                13
                                                                        TASLSEPISLKIEEVLK
☑ 3014
       1130.0690 2258.1234 2258.1219 0.67 0
                                                13 3e+002
                                                                       OLOTI-EGHSDTVDGVEFFPK
1391
        658.3658 1314.7170 1314.7157 1.06 0
                                                13 3.7e+002
                                                                        HST-DOPT-PRPR
                                                                       DPALQASIDRTDGQLE

    2245

        585.9710 1754.8912 1754.8911 0.03
                                                13 2.8e+002
        619.6915 1856.0527 1856.0520 0.38
                                                                       VLTTSILGQQISWLAAR
                                                13
2 726
        568.7959 1135.5772 1135.5808 -3.11 1
                                                13 4e+002
                                                                       RAYVNPASMK
                                                                       LLIDENKGEEAAK
M 1727
        715.3829 1428.7512 1428.7460 3.69
                                                13 3.3e+002
        489.7848 977.5550 977.5546 0.49
                                                                       LSLSNLFGK
412
                                                13 3.4e+002
        751.3666 2251.0780 2251.0806 -1.15 1
                                                13 2.8e+002
                                                                       FAKMYSENSIISFQWLCK + Carbamidomethyl (C)
        623.6901 1868.0485 1868.0447 2.00 0
                                                                       QLLNAFSILDIYLAFK
2481
                                                13 99
        638.0195 1911.0367 1911.0360 0.35 1
                                                13 1.8e+002
                                                                       ATVRLADGMPLLVSAQNE
                                                                       LHIGIAGAGPAGLATSIALAR
        965.5654 1929.1162 1929.1160 0.15 0
                                                13 45
☑ 2560
                                                13 2.6e+002 1
                                                                       GVSDPILDOWER
        472.2361 1413.6865 1413.6888 -1.68 0
        683.3432 1364.6718 1364.6684 2.50 0
                                               13 4e+002 1
                                                                       EAGATAVAFTGSOR
        755.0659 2262.1759 2262.1831 -3.19 1
                                               13 2.5e+002 1
                                                                       MLDIVFLGGGGGRWESITQVK
737.0325 2208.0757 2208.0699 2.63 0
                                               13 3e+002 1
                                                                       NLNLGADLIGFISDDOFNDK
        379.2140 756.4134 756.4130 0.60 0
                                               13 3.6e+002 1
                                                                       VSPLADR
        715.3413 1428.6680 1428.6707 -1.87 1
                                               13 2.3e+002 1
                                                                       EEFIRYSCSAPE
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3366 1227.1380 2452.2614 2452.2519 3.88 1 13 2.6e+002 1
        631.3663 630.3590 630.3588 0.31 0
                                                                         ALISVE
        949.9635 1897.9124 1897.9066 3.07
        676.3386 2025.9940 2026.0014 -3.68
        1160.0780 2318.1414 2318.1464 -2.15 1
                                                                         DDCYEKTLLLGDVVLQHSTI + Carbamidomethyl (C)
2743
       1075.0370 2148.0594 2148.0600 -0.24
                                                13 3.4e+002
                                                                         WEPTGNGLYNIVDRASGATK
        685.8699 1369.7252 1369.7275 -1.65
         704.8562 1407.6978 1407.6929 3.55
                                                                         EGNFATCLIRER
                                                                         MVAGAALALAPVALADEHGAPVLR
図 3170
        1157.1370 2312.2594 2312.2674 -3.46
        672.8668 1343.7190 1343.7197 -0.52
         620.3635 1858.0687 1858.0717 -1.61
                                                                         LVIGIHDVPLDLVAAWK
                                                                         SLPSCFQGLYIECVVTDFR + Carbamidomethyl (C)
☑ 2949
         745.3614 2233.0624 2233.0548 3.40
        532.2675 1062.5204 1062.5247 -3.98
        679.3348 1356.6550 1356.6521 2.18
        572.2727 1142.5308 1142.5325 -1.42
                                                                         -
GMLGKAAGGGIVTAGTVVLK
         600.6841 1799.0305 1799.0339 -1.91
☑ 2370
₹ 2936
         743.3676 2227.0810 2227.0880 -3.15
                                                12 3.1e+002
                                                                         MEFLLACSLSIFMTFVFR + Carbamidomethyl (C); Oxidation (M)
         599.3107 1196.6068 1196.6037 2.63
                                                12 3.2e+002
        579.2736 1156.5326 1156.5360 -2.92
                                                                         SSGLSEFSSTR
        624.2820 1246.5494 1246.5540 -3.62
                                                                         VKYEYECEK + Carbamidomethyl (C)
                                                                         MSASVRSMSLTFCR + Carbamidomethyl (C)
        816.8845 1631.7544 1631.7582 -2.30
         886.9816 1771.9486 1771.9468 1.03
                                                12 2.6e+002
                                                                         VEDFLPRLEALEVSE
        1101.0210 2200.0274 2200.0194 3.66
                                                12 2.3e+002
                                                                         HSRPYSCTFPPCTKTFGSK + Carbamidomethyl (C)
         980.8596 2939.5570 2939.5525 1.51
                                                                         LLAEGCGETVTAAAPVEVVETEVLTLLR + Carbamidomethyl (C)
        481.9407 1442.8003 1442.7980 1.55 0
                                                12 2.3e+002
                                                                         ALEVSGLSLDOLAK
        534.2657 1599.7753 1599.7754 -0.06
                                                                         GDRFGAOPPSDGLOR
                                                12 3.6e+002
        598.3099 2389.2105 2389.2026 3.30 1
                                                12 3.1e+002
                                                                         TAVOWTIDLKNGSGEVYOGPAR
        473.7349 945.4552 945.4556 -0.35
                                                                         NAGPFKPSE
        1137.1960 3408.5662 3408.5616 1.35
                                                12 1.5e+002
                                                                         QDQAVQHQASIGMYCGAGNNGGDGWLLAAYLK + Carbamidomethyl (C); Oxidation (M)
        764.3735 1526.7324 1526.7287 2.49
                                                12 2.8e+002
                                                                         TTSPSDYLLMDLR + Oxidation (M)
        997.4642 1992.9138 1992.9072 3.35
                                                12 2.3e+002
                                                                         DASCDLRVASHDDHPLSR
        800.0807 2397.2203 2397.2145 2.42
                                                                         MSHLSGKVQTVLGLMDPDQLGR + Oxidation (M)
                                                12 3.1e+002
        535,7729 1069,5312 1069,5338 -2,43 1
                                                12 2.5e+002
                                                                         CLHKGEDLR
        465.2567 1392.7483 1392.7500 -1.27 1
                                                12 3.2e+002
                                                                         TLSDDVKFLDLK
        755.3289 1508.6432 1508.6379 3.53 0
                                                12 92
                                                                         DAADIDDEGASFGAR
        601.9817 1802.9233 1802.9212 1.17
                                                12 4.1e+002
                                                                         VYRFMTTILMYPPR + Oxidation (M)
                                                                         DHRGQHVGLLAPLVVNR
        627.6911 1880.0515 1880.0493 1.15 1
                                                12 1.1e+002
        455.5071 1817.9993 1818.0033 -2.18 1
                                                12 1.5e+002
                                                                         RISTILLMAAASELASR + Oxidation (M)
☑ 2410
        527,7619 1053,5092 1053,5091 0.16 0
                                                12 2.6e+002
                                                                         LTLODEHOA
        1076.5090 2151.0034 2151.0015 0.91 1
                                                12 2.5e+002
                                                                         MAPTPPETDAGGAPSTDPROR
  1754
        727.3889 1452.7632 1452.7646 -0.94 1
                                                12 3.2e+002
                                                                         IAADCIAGIKSTYK
☑ 2934
       1114.5470 2227.0794 2227.0732 2.81 0
                                                12 3.2e+002
                                                                         YQSAFGIQADLATCWQQLK + Carbamidomethyl (C)
        783.4067 2347.1983 2347.1954 1.21 1
                                                12 2.9e+002
                                                                         LGNACDAADLVQDTFVRVITAR
        666.2845 1330.5544 1330.5533 0.84
                                                                         MATERIASDETE + Oxidation (M)
                                                12 2.3e+002
        800.7090 2399.1052 2399.1041 0.46 1
                                                                         CVLGGLSMGGQIVMECCARFPGR + Oxidation (M)
図 3150
       1153.0530 2304.0914 2304.0917 -0.09
                                                12 2.8e+002
                                                                         EVGGLANMLANHLDIENADHR + Oxidation (M)
        758.0877 2271.2413 2271.2409 0.16 1
                                                12 1.3e+002
                                                                         GFEVTRALVSEGCAIAILPGLR
☑ 3046
        366.6981 731.3816 731.3814 0.39
                                                12 1.2e+003
                                                                         KDLSNVG
        506.2467 1010.4788 1010.4781 0.75 1
                                                12 2.4e+002
                                                                         YSNSOEKE
        881.9712 1761.9278 1761.9220 3.29 1
                                                12 3e+002
                                                                         ATASSTISADAAARALASK
2261
        425.5455 1273.6147 1273.6163 -1.32 0
                                                12 3.2e+002
                                                                         TPGRPGAQDGYR
729.4164 2185.2274 2185.2219 2.50
                                                                         OVAVDVPDI.AGRVRTI.GVHAK
        666.3262 1330.6378 1330.6340 2.91 0
                                                12 3.1e+002
                                                                         MIEDEHVOGLE
2437
        916.5206 1831.0266 1831.0277 -0.60
                                                12 1.3e+002
                                                                         EEVIVGGMGLLLAFLVR + Oxidation (M)
2651
       1036.9920 2071.9694 2071.9666 1.35
                                                12 2 60+002
                                                                         SLGMEIYMITGDNERTAR + Oxidation (M)
       1025.5060 2048.9974 2048.9949 1.22 1
                                                12 3.4e+002
                                                                         VRTMIDAGASTDEVVAGWR + Oxidation (M)
2626
        970.5226 2908.5460 2908.5545 -2.94 0
                                                12 1.5e+002
                                                                         SSILIALLAVOVEGAPAOSDEAAAAAPAELK
1857
        775.8937 1549.7728 1549.7745 -1.07
                                                12 4.3e+002
                                                                         MADPVSQCFVLKR + Carbamidomethyl (C)
        580.8185 1159.6224 1159.6271 -3.99
                                                12 5.4e+002
                                                                         VEKTOLDMGK
        642.8111 1283.6076 1283.6027 3.84
                                                12 2.9e+002
                                                                         SNSTSTTTGSMAK
        523 2687 1566 7843 1566 7864 -1 38 1
                                                12 4 60+002
                                                                         SNKNPPTLFAGFMK + Oxidation (M)
2171
        865.9752 1729.9358 1729.9397 -2.20
                                                12 2.6e+002
                                                                         TELLAAVVAAGACVTSVR
                                                                         YFDLDIPVEAMSACLLAR + Carbamidomethyl (C); Oxidation (M)

    2671

        1050.5130 2099.0114 2099.0067 2.25
                                                12 3.4e+002
2517
        633.6393 1897.8961 1897.8958 0.12 0
                                                12 3.1e+002
                                                                         LFYEHYDLLSONNSR
                                                                         MVMLMTGASSIR + 3 Oxidation (M)
        672.8177 1343.6208 1343.6247 -2.89 0
                                                12 2.4e+002 1
        589.8244 1177.6342 1177.6376 -2.88
                                                12 3.9e+002
                                                                         AKOMTLTELK + Oxidation (M)
        610.8246 1219.6346 1219.6343 0.29
                                                12 4.9e+002
                                                                         NIGSSYCLESR + Carbamidomethyl (C)
1714
        709.3295 1416.6444 1416.6490 -3.18
                                                12 2e+002
                                                                         MRDMPDTDALPR
                                                        64 1
                                                                         VDSLLOAEATLVLAIK

    2051

        562.0009 1682.9809 1682.9818 -0.56 0
                                                12 2.1e+002 1
                                                                         LTLDOKLPANACPIHPPTFTR
☑ 3227
        778.4203 2332.2391 2332.2362 1.25 1
        462.8865 1385.6377 1385.6384 -0.53 0
                                                12 2.3e+002 1
                                                                         YEEMTEISAGLK + Oxidation (M)
1665
        465.2570 1392.7492 1392.7474 1.30
                                                12 2.7e+002 1
                                                                         GYGRTLTKPSTGR
                                                                         MMDGWDATAAGVLALPSGRLVR + 2 Oxidation (M)
3195
        773.7232 2318.1478 2318.1511 -1.45
                                                12 3.5e+002
        670.8531 1339.6916 1339.6918 -0.13
                                                                         IPCSGVLDNPIR + Carbamidomethyl (C)
1474
                                                12 3.3e+002
        957.4631 1912.9116 1912.9135 -0.97
                                                12 3.1e+002
                                                                         HILNNECSILDIGCGAGK + Carbamidomethyl (C)
☑ 3028
        756.0789 2265.2149 2265.2117 1.41 0
                                                12 1.9e+002
                                                                         LAEOILLLHEAYVENNOR
        408.2059 814.3972 814.3973 -0.11 0
                                                12 1.6e+002
                                                                         EPDWIR
                                                                         SANMVFPLVR
  704
       1133.6110 1132.6037 1132.6063 -2.27 0
                                                12 3e+002
        849.9344 1697.8542 1697.8598 -3.24 1
                                                12 3.7e+002
                                                                         SFIVASRDHAGAASPGR
        442.5781 1324.7125 1324.7139 -1.09 1
                                                12 3e+002 1
                                                                         LGFDYLKNSLR
1428
        728.3480 2182.0222 2182.0187 1.59 0
                                                12 2.9e+002
                                                                         AGYDVMVEAEFGLMHITGAR + Oxidation (M)
        470.2247 938.4348 938.4314 3.73 0
                                                12 2.9e+002
                                                                         SMASSMGIR
        577.3021 1152.5896 1152.5887 0.81 0
                                                12 3.1e+002 1
                                                                         OENVPDARPK
       1002.9930 2003.9714 2003.9636 3.93 1
                                                12 3.4e+002
                                                                         ECGOGFTWKSNLITHOR
       1096.5590 2191.1034 2191.0977 2.63 1
                                                12 3.5e+002
                                                                         MEGIDVDITOSMARIVVNGK + Oxidation (M)

    2855

        528.2728 1581.7966 1581.7967 -0.07 1 12 3e+002
                                                                         MSAIRMTSISVASGR + Oxidation (M)
        670.8278 1339.6410 1339.6368 3.17 1
                                                12 3.9e+002 1
                                                                         KDSETGEGPPAPR
        707.3918 1412.7690 1412.7735 -3.18 1 12 3e+002 1
                                                                         KLQQLNQNAQTK
```

```
781.9321 1561.8496 1561.8498 -0.07 1 12 2.8e+002 1
                                                                        AGGSKIVMNASGITIK + Oxidation (M
        476.2849 1901.1105 1901.1098 0.34 1 12
                                                                        GOLKHIVVTGPGDLLGGLK
        1028.4940 2054.9734 2054.9666 3.32 1
        1114.1080 2226.2014 2226.2008 0.27
        1122.5440 2243.0734 2243.0721 0.59 1
                                                                        KYTFIDLFAGCGGLSEGFYR
        677.3365 1352.6584 1352.6612 -2.05 0
                                                12 3.3e+002
       1004.0000 2005.9854 2005.9779 3.76
                                                                        VEAMTHGVTIFTEAETVR + Oxidation (M)
        630.2987 1887.8743 1887.8673 3.70
        781.0391 2340.0955 2340.1031 -3.28
3237
                                                                        HKPVPTVVMDWGPTNFPCDK + Carbamidomethyl (C); Oxidation (M)
        596.2906 1190.5666 1190.5713 -3.95
                                                                        OCLSLSNONK + Carbamidomethyl (C)
        750.0861 2247.2365 2247.2409 -1.97
                                                                        GKEAILSLRPAPAPDQVVQMK
                                                                        EYEFDVLAVCAPAYAGGRFLK + Carbamidomethyl (C)
図 3299
        792.7280 2375.1622 2375.1620 0.08

    3118

        573.5530 2290.1829 2290.1741 3.83 1
                                                12 3.2e+002
                                                                        MPMLATGTASFPFPPIEDLKK
        420.7451 839.4756 839.4752 0.47
                                                                        ARPRMVIALGAQAAQAFLGVGFR
        800.7892 2399.3458 2399.3372 3.57 1
3319
        797.7320 2390.1742 2390.1649 3.89
                                                12 3.8e+002
                                                                        QTVRACGGTDVNELFSLVNDPR
  207
        413.2166 824.4186 824.4214 -3.38
                                                12 4.7e+002
        577.2972 1728.8698 1728.8696 0.11 0
                                                                        ALHDLLAGHAADPWSF
                                                12 4e+002
        694.3832 1386.7518 1386.7541 -1.59 1
                                                12 4.5e+002
                                                                        ENLKPVLMDGKK + Oxidation (M)
        448.6999 895.3852 895.3883 -3.38
                                                                        SSNSASSEK
                                                12 1.4e+002
        634.8442 1267.6738 1267.6772 -2.66 0
                                                                        DAGIGGVEINPVK
        457.9260 1370.7562 1370.7517 3.23
                                                12 4e+002
                                                                        EIVLRGEEASLR
        1101.0970 2200.1794 2200.1852 -2.61
                                                12 2.3e+002
                                                                        VPGVTATPSAALSSAVSPSAFRK
        736.0346 2205.0820 2205.0888 -3.10
                                                                        ILECILRFANDEFEHTQK
                                                12 4.2e+002
       1155.0680 2308.1214 2308.1237 -0.96
                                                                        YPQSASYGFIGQGVDLTHVNF
        551.9579 1652.8519 1652.8459 3.64
                                                                        VACFYYFKLAGLMK
                                                12 3.4e+002
        465.2395 928.4644 928.4623 2.35 0
                                                12 3.4e+002 1
                                                                        OLHCAVMK
        766.0348 2295.0826 2295.0763 2.74
                                                                        EGALLADEIDGFDMVSVDIM
        613.0159 1836.0259 1836.0244 0.79
                                                12 1.4e+002
                                                                        ILEGIVTEEPVQVVAQL
        1092.0190 2182.0234 2182.0286 -2.35
                                                12 2.8e+002
                                                                        LVPLDESYKVASMEDPMAR + 2 Oxidation (M)
        477.6017 1429.7833 1429.7790 2.97
                                                12 4e+002
                                                                        RVFGGGLDGGVOTR
       1145.0120 2288.0094 2288.0098 -0.15
                                                12 1.3e+002
                                                                        MFTNIEYADMLLVMGECHR + Oxidation (M)
  3093
        471.2565 1410.7477 1410.7428 3.44 0
                                                12 3.2e+002 1
                                                                        YISELLSMSIOK
2684
       1054.9880 2107.9614 2107.9588 1.26 1
                                                12 2.1e+002 1
                                                                        MKTPCKPCDEDEVAIQTK + Carbamidomethyl (C); Oxidation (M)
       1029.9960 2057.9774 2057.9841 -3.21 1
                                                12 3.3e+002 1
                                                                        YGTGVTRELGMDVONFGSK
        920.5153 1839.0160 1839.0214 -2.91
                                                12 1.8e+002
                                                                        ALRGVDVQTLLNAGDGLK
        978.4681 1954.9216 1954.9232 -0.79 0
                                                12 3.1e+002
                                                                        DAPOORALDI.TVRANADE
        513.2718 1024.5290 1024.5263 2.68 0
                                                12 3.1e+002
                                                                        IAMDGYVIK + Oxidation (M)
        568.7878 1135.5610 1135.5656 -3.97 0
                                                12 4.1e+002 1
                                                                        GLSSGSIVASCR
        1021.9910 2041.9674 2041.9700 -1.24 0
                                                12 3.5e+002 1
                                                                        LSPAAQMLMDINSIESYK + 2 Oxidation (M)
1092.5150 2183.0154 2183.0137 0.78 0
                                                12 2.6e+002
                                                                        DLSGINGNGQIMSNNNNHIR + Oxidation (M)
        639.3388 1276.6630 1276.6664 -2.59 0
                                                12 4.9e+002
                                                                        VDGDVLTOGFVK
        753.0866 2256.2380 2256.2300 3.54 1
                                                12 1.3e+002 1
                                                                        LAYMI, DDSGVKI, I, I, TOAHI, R
                                                                        SGNDCVVCLNLLPGTYQYK + 2 Carbamidomethyl (C)
        734.3508 2200.0306 2200.0293 0.59 0
                                                12 2.9e+002
       1167.5870 2333.1594 2333.1533 2.65 1
                                                12 4.2e+002
                                                                        VVESVNALVDSTISAMEEERR
        384.6982 767.3818 767.3789 3.89 0
                                                12 2.6e+002
                                                                        FMWIR + Oxidation (M)
  130
        645.8127 1289.6108 1289.6140 -2.41 0
                                                12 3.5e+002
                                                                        GVEYVTDAPDPK
☑ 2654
       1038.0160 2074.0174 2074.0194 -0.92 1
                                                12 3.8e+002
                                                                        KYSVWCGGSILASLSTFOO
       1030.5680 2059.1214 2059.1136 3.82 1
                                                12 2e+002 1
                                                                        TALTPAEMFLSNVGKVPLR + Oxidation (M)
        551.6301 1651.8685 1651.8682 0.19 1
                                                12 3e+002 1
                                                                        YNSAVEALNRETOK
2009
        769.7597 2306.2573 2306.2634 -2.67 0
                                                12 1.5e+002 1
                                                                        APVTPTEQQLAAIFGELLGVPR
1196.0920 2390.1694 2390.1714 -0.80 1
                                                12 3.8e+002
                                                                        RDALLENVGVLANGDVDYADGSK
        960.4377 2878.2913 2878.2949 -1.27 1
                                                12 1.5e+002 1
                                                                        NFDAITCTAIRTCSGCYQGQGGFPVR + 2 Carbamidomethyl (C)
₹ 2555
        963.9547 1925.8948 1925.8950 -0.10 1
                                                12 3.1e+002
                                                                        PSVCTEDARTTCRHCSK
☑ 3262
        783 4088 2347 2046 2347 2053 =0 31 1
                                                12 3.5e+002
                                                                        LADTDLTTRIGMVIEANISNGK + Oxidation (M)
        482.9334 1445.7784 1445.7739 3.09 0
                                                12 3.7e+002
                                                                        OAOPVNLHGVDIR
1748
       1085.5310 2169.0474 2169.0484 -0.46 1
                                                12 3.7e+002
                                                                        TNQTLPSGMRVSTQDTYVR + Oxidation (M)
600.6849 1799.0329 1799.0345 -0.92 1
                                                                        TLGLQGVFPAIKEWIK
                                                12 1.2e+002
        937.0313 1872.0480 1872.0444 1.96 0
                                                                        FI.MAT.GAAVTI.AAFI.AHE

    2518

        949.9554 1897.8962 1897.8945 0.90 0
                                                12 3.5e+002
                                                                        SEEDILLDFLDTDGNGK
☑ 3122
       1146 6200 2291 2254 2291 2281 -1 14 1
                                                12 20+002 1
                                                                        AVOSAROOAGIVKPATCHTLR + Carbamidomethvl (C)
534.2493 1066.4840 1066.4866 -2.35 0
                                                12 2.1e+002
                                                                        DMAFSLNNR
  895
        601.7863 1201.5580 1201.5550 2.57 0
                                                12 2.8e+002
                                                                        WALMEPANDR
☑ 2928
        743.0366 2226.0880 2226.0880 -0.03 1
                                                12 3.9e+002 1
                                                                        NSSIAELLGAVRVLCSTMMLC + Oxidation (M)
        766.3843 2296.1311 2296.1369 -2.54 1
                                                12 3.9e+002 1
                                                                        HLLDEEGLDPTOTIMIGDRK + Oxidation (M)
☑ 3242
        781,7650 2342,2732 2342,2668 2,73
                                                12 1.5e+002
                                                                        LAYNISTPTIMAIPVQVKDPR + Oxidation (M)
        781,7665 2342,2777 2342,2706 3.01
                                                12 1.5e+002 1
                                                                        LELVESAPSTI.VDAGHNPEGTR
1951
        795.3915 1588.7684 1588.7747 -3.91
                                                11 4.5e+002 1
                                                                        TGRGTFEHFGLDPR
        725.7304 2174.1694 2174.1630 2.94 1
                                                11 2.2e+002 1
                                                                        CALLERLHVVNDEPIALGR + Carbamidomethyl (C)

    2816

                                                                        VCHILGNSCGR + Carbamidomethyl (C)
608.2884 1214.5622 1214.5649 -2.14 0
                                                11 2.1e+002 1
                                                                        GGSLLSAFAGNMTLYTALVAGFR + Oxidation (M)
        778.4050 2332.1932 2332.1886 1.98 0
                                                11 3.7e+002 1
1621
        460.8980 1379.6722 1379.6755 -2.41 0
                                                11 4.7e+002 1
                                                                        QEITIFVNECK + Carbamidomethyl (C)
W 3141
        768.0905 2301.2497 2301.2441 2.42 0
                                                11 1.7e+002 1
                                                                        LGDGVRPGOVADAVGTRPPSLVR
        462.2441 1383.7105 1383.7106 -0.09
                                                                        AAHSESGKIESLR

☑ 1636
                                                11 3.7e+002
        717.0410 2148.1012 2148.1063 -2.37
                                                11 3.6e+002 1
                                                                        AVNADTIETGGAFVSESVLLR
2997
        750.3808 2248.1206 2248.1191 0.65 1
                                                11 4.1e+002
                                                                        LTAEGRLLLCLGEENSLDMR + Oxidation (M)
        531.7567 1061.4988 1061.4998 -0.88 0
                                                11 3.2e+002
                                                                        MEVVMGOPR + Oxidation (M)
        560.3405 1118.6664 1118.6699 -3.11 0
                                                                        LILTPPAAPLN
                                               11 1.4e+002
        670.7808 1339.5470 1339.5497 -1.94 0
                                                                        MONVOADTDMR + 2 Oxidation (M)

  ■ 1470

        764.4008 2290.1806 2290.1879 -3.19 0
                                                11 3.5e+002 1
                                                                        MTDLFVAVDPASVLSLTELNR
3105
        436.5783 1306.7131 1306.7132 -0.13 1
                                                11 3.4e+002
                                                                        LSLFDSGLAKEK
1363
        681.8672 1361.7198 1361.7190 0.59 0
                                                11 5.1e+002
                                                                        LAAEAGAQIEYVK

☑ 1573

        509.2647 1524.7723 1524.7725 -0.15 0
                                                11 4e+002 1
                                                                        EFLVSAYFSLHGR
1618
        689.3863 1376.7580 1376.7551 2.13 0
                                               11 2.1e+002 1
                                                                        DEILSYLGIAGVK
        376.7004 751.3862 751.3864 -0.22 0
                                                11 6.3e+002 1
                                                                        YAASAAAK
        1023.4870 2044.9594 2044.9636 -2.04 0 11 3.2e+002 1
                                                                        DNVCNYLDIALQHISDR + Carbamidomethyl (C)
                                                                        HSSAQRCDITLSR
        737.3656 1472.7166 1472.7154 0.85 1 11 3.8e+002 1
                                                                       QILEGIFGSGQTTSLPGAIK
        673.0376 2016.0910 2016.0892 0.90 0
                                               11 2.1e+002 1
```

<b>~</b>	2895	1105.0460	2208.0774	2208.0844	-3.17	1	11	4.2e+002	1	ASPPNSSICIISASDKNSYVR
<b></b>	3379	1248.1390	2494.2634	2494.2672	-1.50	1	11	3.5e+002	1	LVRICMTPEDITAAAVEIAEHR + Carbamidomethyl (C)
<b></b>	1184	425.5460	1273.6162	1273.6197	-2.77	1	11	4.4e+002	1	AGREDGCIGALR + Carbamidomethyl (C)
8	1856	774.8748	1547.7350	1547.7290	3.91	0	11	4.7e+002	1	AGFNSTMYQVSSLK + Oxidation (M)
<b>~</b>	1930	528.2720	1581.7942	1581.7999	-3.59	0	11	4.1e+002	1	DLGNDPESGLPVTLR
8	2216		1746.9548			1	11	2.2e+002	1	NSTALAGFAKLIESTPK
8	3369		2461.3734			0	11	79	1	TPPAYRPPNAPILSTLPTTTVVR
	2757		2154.1834			1		1.6e+002	1	SDKFMIIISMLILLAAMTK + Oxidation (M)
₩	774		1154.5552			0		2.5e+002	1	EPAEEPTNIR
2	2417		1824.0259			1		1.3e+002	1	LFRHIASLPLAFFHR
E	575		1076.4613			ō	11	98	1	CSYWCFLR
₩			1120.6288			0		1.3e+002	1	GLAAGMLFTLK
	674									
₩	2493		1878.0308			1		1.9e+002	1	IDYAILKATTTAEEVLK
8	3161		2307.1126			0		3.9e+002	1	AVAEAYAAGYDAGLAEGAPVSAQR
₩.	2556		1926.9451			1		4.3e+002	1	DTAGGAVRGAAGDAGEAAALAR
~	3143		2302.1506			1		4.3e+002	1	LGFSEGVLNGMRVPCSIVGPDR
8	3258		2347.2025			1	11		1	IPITDQDDVGTMFEKLSLLGR
₩.	3399		2606.3014			1	11	3.7e+002	1	TALQNNPNAPLFIMDGYEVKIDK + Oxidation (M)
<b>W</b>	1061		1240.5780			0	11		1	ENHSSEQAALR
8	357	471.7431	941.4716	941.4753		0	11	3.9e+002	1	HADLAMLR + Oxidation (M)
<b>*</b>	1713	708.8152	1415.6158	1415.6138	1.46	1	11	1.6e+002	1	NEDAQEGGGRGGGR
₩.	848	395.1928	1182.5566	1182.5604	-3.23	1	11	3.3e+002	1	WRDGMLYSR
<b></b>	1113	626.8317	1251.6488	1251.6506	-1.40	1	11	4.9e+002	1	GETPLHRACIR
8	1933	528.2722	1581.7948	1581.7895	3.33	1	11	4.7e+002	1	MVEGVDLFMGGKVGK + Oxidation (M)
8	3263	1174.6100	2347.2054	2347.2067	-0.54	1	11	3.7e+002	1	MTTRGVVQGGGGGGGGLFNGILIR + Oxidation (M)
~	1081	625.3187	1248.6228	1248.6211	1.40	0	11	4.6e+002	1	DHGVGIAPEAQR
<b>*</b>	2018	552.6702	1654.9888	1654.9878	0.59	0	11	27	1	AINCCVVLLLVVVLK + Carbamidomethyl (C)
₩	3353		2425.3609			0	11	82	1	LSLGPLLAAAAVGALAGAQCGYLLGR
₩	1910		1569.7880		1.37	1	11	5.5e+002	1	AKVEGGANQSGSAAPAR
8	2186		1732.9384		1.41	1		2.7e+002	1	FSVLIDAGLSGKELER
₽	1944		1581.7975			1		3.6e+002	1	FIVMAREGIDMLR + 2 Oxidation (M)
<b>E</b>	3283		2360.1841			1		4.5e+002	1	AVKEMNPSVTMEVLIPDFQGR
₩.	2734		2142.0854			0		4.4e+002	1	ETSFDIAFASEIMAILALGK + Oxidation (M)
						0			1	EVIASL
8	15		630.3588 2316.1345			0		9.8e+002	1	
8	3179							4.8e+002 1.6e+002		AFYETQINNSLTVLFEGENK
8	2423		1828.0232			1			1	SIMKLQSTFGIIPHIK + Oxidation (M) TIKEDNOHEVEIK
8	1935		1581.7951 686.3947	686.3963		1		4.8e+002 1.3e+003	1	EAKVVAA
8	22		1678.9888			1	11	50	1	KFFHLNPILVGPGIK
₩	2045									
8	3107		2290.1809			0		3.7e+002	1	LDETLLDAPEALAGADTHGLLR
₩	3217		2330.2754			0		1.6e+002	1	MTHTLLLAALIAAAPTLHAEEK + Oxidation (M)
₩.	3034		2269.0914			0		4.2e+002	1	NNGQALIFSGWNNSNIIHDR
<b>W</b>	203		821.3932		1.60	0		5.7e+002	1	GVAGDEFK
8	1227		1285.6650			0		6.1e+002	1	MPTSSPTIAPLR + Oxidation (M)
<b>*</b>	1976		1612.8072			1		4.3e+002	1	GYQTGYEKGELAGLK
8	2614		2024.9834			1	11		1	YGLPRAEMLSPVSTMCVR + Oxidation (M)
<b>*</b>	1086		1248.6606		2.52	0	11		1	PGSAVVGGAPAPGGR
₩.	2505		1886.9170		0.78	0	11		1	LLDINNQMANATNQEAK
<b>*</b>	1737		1433.7616			1	11	4.6e+002	1	KVAAFGDIVYHSK
~	2430		1830.0373			1	11	1e+002	1	YTLHLTGTPFKALALGK
8	461		1012.5796			0	11	4.9e+002	1	ILGLLDEAGL
₩.	3229		2333.1544		3.18	0	11	4.7e+002	1	GVDDLAACAPLMCAGITLFDPIK
<b>*</b>	1534		1354.7068			1	11	4.3e+002	1	LMAEMVKAPPPR + Oxidation (M)
8	2483		1871.8788			1	11	4.2e+002	1	LASSASWSDMKFGTPSGK + Oxidation (M)
<b>*</b>	3032		2267.2061			1	11	2.9e+002	1	LAAMDCRLIVTPNIQPEVIR + Oxidation (M)
8	2489	938.0038	1873.9930	1873.9871	3.18	1	11	3.9e+002	1	AQAQALGVATGPDVQRHR
<b>*</b>	3389	1269.6610	2537.3074	2537.3060	0.56	1	11	3.7e+002	1	SAGAPASPAPPILGDIPGDIPGRMHK + Oxidation (M)
7	2386	903.4913	1804.9680	1804.9618	3.48	1	11	3.1e+002	1	ASMNAALRFLDQTIVR
<b></b>	3023	754.7079	2261.1019	2261.0998	0.92	0	11	4.3e+002	1	TTAPEMAYSITTEPVLHGATR + Oxidation (M)
8	1198	638.7516	1275.4886	1275.4900	-1.08	0	11	19	1	IDEFGFCACGSAG
₩	2507		1887.0570			1	11	1.4e+002	1	GIVLSFTPQSAATKKPSR
₩	574		1074.5684			0		6.7e+002	1	LSSGIPPNYK
<b>E</b>	1087		1248.6608			0		5.6e+002	1	LVNFIGSVGGMR
8	1936		1581.7951			1		5.1e+002	ī	GGLEHCEPLTVSKR + Carbamidomethyl (C)
E	2544		1912.9069			0		4.2e+002	1	AMEFDANATTALLDTVSK + Oxidation (M)
8	2707		2132.1217			1		3.6e+002	1	MRVAIIGSGPVGMTAAMLLGR + 2 Oxidation (M)
	1908		1567.9174			1	11	1e+002	1	ALPMRVVLAGLDVSK
	3106		2290.1806			1	11	4e+002	1	LPFDVAVEAMSADLRMSLVAR
	_					0			1	FLPPNRPVEEK
8	1422		1324.7092					3.9e+002		FLPPNRPVEEK EFGTKINETISAL
8	1720		1421.7418			1	11	5.4e+002 5e+002	1	EFGTKINETISAL IFASIHMPNEFELKTDOGK
₩	2884		2204.0902							
₩	3109		2290.1809			1	11	4e+002	1	LIVDDVYPYAVKYYTEALR
8	1037	01017113	1231.4684	1231.1703	2.00	0	11	15	1	NCSMSMPTSMK + Oxidation (M)
8		1089.0540						4.8e+002	1	RNDMLVSTLQHYIESLGGK + Oxidation (M)
₩.			2939.6392				11	64	1	LNVNGGAIALGHPLGGSGTKLMTTLVHALK
~	3169	578.7871	2311.1193	2311.1154	1.68	1		4.4e+002		EVCAAKVLPHAAEADETGEFPK
		1054.0050								MNSNTLEDNVTAAQTSVSPK
	2485		1872.0484							ELIEAYIPILCALGGIK + Carbamidomethyl (C)
<b>W</b>			2202.2092							VWYIAGDIDLPATLGLKMVK
	1413		1322.6482					4.9e+002	1	LLVIEDEMMSK + Oxidation (M)
	1389		1314.6700		-1.08	0		4.2e+002	1	SRPSAAGMNPLSK
	3114		2290.1817							MPVLEIFGPTFQGEGRSIGQK
	3163		2308.1212					5.3e+002		TGLDGIGGVSVLASETFDETQGR
	196	406.7474	811.4802	811.4803	-0.12	0		2.7e+002	1	GVPGIELK
	160	397.6592	793.3038	793.3033	0.65	0	11			MPCCGAR + Carbamidomethyl (C)
	688	565.2891	1128.5636	1128.5638	-0.10		11			<pre>GETMIFFIR + Oxidation (M)</pre>
		1138.5840								YSRYALTAHGMGLTLAAGIYF
800	3113	573.5527	2290.1817	2290.1726	3.98	1	11	4.1e+002	1	ESLAQSIDASMAGVKLIDDALK + Oxidation (M)
~										

```
398.8403 1193.4991 1193.5023 -2.68 0 11 1.1e+002 1
                                                                         FPDPEESMAR + Oxidation (M)
        832.1196 2493.3370 2493.3380 -0.41 1
                                                                         SDIGGPGIGISVVLAOIFEYFRE
  3378
  1977
         808.8691 1615.7236 1615.7235 0.08
         885.4335 1768.8524 1768.8494 1.71
  2271
         494.2531 986.4916 986.4920 -0.41 0
        743.6974 2228.0704 2228.0644 2.68 1
                                                11 4.5e+002
                                                                         MLSPEHPDEPKSGLGDHLNR
2944
2962
        1122.0300 2242.0454 2242.0423 1.41
                                                11 3.4e+002
         792.7296 2375.1670 2375.1652 0.76
                                                                         ARTILATCHQGAASPSSSFLDS
 3303
3333
        802.4167 2404.2283 2404.2234 2.02
         825.8585 1649.7024 1649.7073 -2.92
         767.7616 2300.2630 2300.2569 2.65
☑ 2032
         836.9750 1671.9354 1671.9341 0.79
                                                                         MANNLKQVIINISAK + Oxidation (M)
        563.2990 1124.5834 1124.5826 0.77 0
         700.3836 1398.7526 1398.7514 0.91
        573.3289 1716.9649 1716.9597 3.04
                                                                         GTVAPLMLFAGRIVEK + Oxidation (M)
        614.0124 1839.0154 1839.0115 2.12
                                                                         ARQQLIQTLINYHNK
₹ 2444
         379.7059 757.3972 757.3970 0.30
  113
        512.2840 1533.8302 1533.8263 2.50
                                                                         SLISAGGGVFSRQQK
                                                 11 3.7e+002
        577.9852 1730.9338 1730.9349 -0.63
                                                                         MGILELIENTLARSR + Oxidation (M)
                                                 11 3.7e+002
        568.2716 1134.5286 1134.5305 -1.65
                                                                         IYSAPENERG
                                                                         CMGVGLLAMMLVVGCGSK + 2 Carbamidomethyl (C); Oxidation (M)
        949.9556 1897.8966 1897.8956 0.53 0
                                                 11 4.3e+002

    195€

         796.9371 1591.8596 1591.8604 -0.44
                                                 11 3.7e+002
                                                                         MSNKVLVITGATGTGK + Oxidation (M)
                                                                         AQVADVAAYILSKHGPMTAMK + Oxidation (M)
         740.0483 2217.1231 2217.1286 -2.48
                                                 11 4.7e+002
        618.3348 1234.6550 1234.6531 1.61
        1101.0210 2200.0274 2200.0252 1.02
                                                 11 3.6e+002
                                                                         METIVKINSNANSNFNNMK + 2 Oxidation (M)
  3049
        758.7603 2273.2591 2273.2644 -2.36
                                                                         IPGRNFLAVPGPTNIPDQVLR
        421.7530 841.4914 841.4909 0.66 0
                                                 11 4.4e+002
                                                                         KPIDEIK
        546.9474 1637.8204 1637.8161 2.58
                                                                         SYGKAGSQSWLLEGR
                                                                         EFFDIDWHHHYPENKGK
        1100.0100 2198.0054 2197.9970 3.85
                                                 11 3.3e+002
        497.0229 1984.0625 1984.0589 1.81
                                                 11 4.3e+002
                                                                         IVAAIISQVEGSLQANDTR
        553.0095 2208.0089 2208.0039 2.27
                                                                         SLPCDVKASEDTVTVDCVDR + Carbamidomethyl (C)
                                                 11 3.1e+002
        379.7062 757.3978 757.3970 1.12
                                                 11 3e+002
        573.5528 2290.1821 2290.1773 2.08 1
                                                 11 4.2e+002
                                                                         KTACLAISGLAGLGMVSDAVAGGR + Carbamidomethyl (C); Oxidation (M)
  3231
        1167.5860 2333.1574 2333.1539 1.50 0
                                                 10 5.2e+002
                                                                         TIEVSGGSIEYDGDPAWIGVLR
        811.8709 1621.7272 1621.7307 -2.15 0
                                                 10 2.7e+002 1
                                                                         NTLOHMWGYVSDR + Oxidation (M)
        881.4569 1760.8992 1760.8978 0.81
                                                 10 5.7e+002
                                                                         EVECSVLGNLDIKASK + Carbamidomethyl (C)
        754.0305 2259.0697 2259.0624 3.24
                                                 10 4.3e+002
                                                                         HIDCGIAESNMAGIGAGIATTGK + Carbamidomethyl (C); Oxidation (M)
        728.3492 2182.0258 2182.0299 -1.90
                                                 10 4.2e+002
                                                                         IGWRMSKPEDSEVNLFCR + Oxidation (M)
2832
        906.4405 1810.8664 1810.8706 -2.28
                                                 10 4.8e+002
                                                                         RVAOYLISTACPSCDGK
  2852
        1096.5580 2191.1014 2191.0943 3.27
                                                 10 5.1e+002
                                                                         DKNNSLCIDIYNGLLSPOK + Carbamidomethyl (C)
 2991
        749.0266 2244.0580 2244.0667 -3.90 0
                                                 10 4.5e+002
                                                                         DYGNTIGCSVPLMLAEPVHR + Carbamidomethyl (C); Oxidation (M)
        564.2679 1126.5212 1126.5189 2.07
                                                 10 2.7e+002
                                                                         AEHPTAAOMR + Oxidation (M)
       1212.1140 2422.2134 2422.2203 -2.81 1
                                                 10 4.5e+002
                                                                         VVDDVLRGDIPTTFFEAELMR
        549.5125 2194.0209 2194.0187 1.00
                                                 10 3.7e+002
                                                                         EAPYLAVPCLVMDGSHTYR + Carbamidomethyl (C); Oxidation (M)
        957.5444 1913.0742 1913.0774 -1.67 1
                                                 10 1.4e+002
                                                                         REVGIYLFIHISPELK
        478.7763 955.5380 955.5385 -0.50
                                                 10 1.8e+002
                                                                         ACLPORLR
        620.7659 1239.5172 1239.5159 1.11 0
                                                                         MGVCSSCLGGGR + 2 Carbamidomethyl (C)
646.8396 1291.6646 1291.6667 -1.55
                                                 10 5.4e+002
                                                                         TGTASICARLSR + Carbamidomethyl (C)
        706.8912 1411.7678 1411.7671 0.54 0
                                                 10 3.9e+002
                                                                         AVEAATAGGIGTIPGK
        714.4286 1426.8426 1426.8395 2.19
                                                 10 1.4e+002
                                                                         SVGKTDDLLAVLGK
        767.7623 2300.2651 2300.2740 -3.89
                                                 10 1.7e+002
                                                                         KPDGGVRI.ATPPI.GDI.VI.PGVTR

    1145

        632.3126 1262.6106 1262.6111 -0.37
                                                 10 5.6e+002
                                                                         VIANADGIMGMR + Oxidation (M)
        874.4628 2620.3666 2620.3717 -1.95 0
                                                 10 3.5e+002
                                                                         HIALVDPDLLVIMGNISCDALLGR + Carbamidomethyl (C); Oxidation (M)
3030
       1134.0200 2266.0254 2266.0259 -0.20
                                                 10 2.8e+002
                                                                         MEAALVSYAEPHQHHVMER + 2 Oxidation (M)
☑ 1195
        637.8408 1273.6670 1273.6666 0.33
                                                 10 8.8e+002
                                                                         ESAIPREFTPK
        528.2722 1581.7948 1581.7998 -3.20
                                                 10 5.7e+002
                                                                         LODLIAHVSSEGGER
1934
        450.5790 1348.7152 1348.7173 -1.57 1
                                                 10 6.9e+002
                                                                         EMVGLFKAEGIR
2172
        577.6526 1729.9360 1729.9362 -0.16
                                                 10 3.9e+002
                                                                         TEVNLKGYLNIPQNK
        873.4177 1744.8208 1744.8195 0.75
                                                 10 4.2e+002
                                                                         GTPYRYTREDLYNK
☑ 3224
        778.4041 2332.1905 2332.1959 -2.34
                                                 10 5e+002
                                                                         FAPTSPSSWAOMPTRTVCKTK
        439 2551 876 4956 876 4957 -0.00 0
                                                 10 4 40+002
                                                                         IELVOYI
                                                                         CVEVPISIHEFPR + Carbamidomethyl (C)
1927
        528.2717 1581.7933 1581.7973 -2.58 0
                                                 10 4.9e+002

    2910

        740.0438 2217.1096 2217.1113 -0.79
                                                 10 5.4e+002
                                                                         OPGPDCRLDLDHHLVLSFR
1116
        418.9051 1253.6935 1253.6980 -3.60
                                                 10 3.1e+002
                                                                         SGVLVVGGDPGIGK
        466,9161 1397,7265 1397,7224 2,89 0
                                                 10 4.7e+002
                                                                         LLYASAVSSISCK + Carbamidomethyl (C)

    2655

        692.3469 2074.0189 2074.0266 -3.70
                                                 10 5.9e+002
                                                                         MAHLRLTEROFTOLGER + Oxidation (M)
                                                                         NVLGGALAVOVRVNNASVCFR + Carbamidomethyl (C)
2968
       1122,6030 2243,1914 2243,1957 -1.90
                                                 10 3.5e+002
€ 2058
        564.6491 1690.9255 1690.9254 0.07
                                                 10 2.9e+002
                                                                         VYSVIQSQINAALSAK
W 3481
        942.0952 2823.2638 2823.2586 1.83 1
                                                 10 2e+002
                                                                         EACATPTTVTTVNSAPRGCCGGIGEGDTR
        512.7805 1023.5464 1023.5461 0.31 0
10 4.5e+002
                                                                         IDTAHAOLR
        598.6599 1792.9579 1792.9645 -3.68 1
                                                 10 3.3e+002
                                                                         VKFMESLVVGDIAELK + Oxidation (M)
                                                                         MNVLNIFVCADK + Oxidation (M)
1626
        691.8463 1381.6780 1381.6734 3.37
                                                 10 4.9e+002

■ 1948

        528,9788 1583,9146 1583,9134 0.74
                                                 10 1.2e+002
                                                                         ATT-DI-ATSDST-OVVK
                                                                         STCLSGIAHALPELKHLK + Carbamidomethyl (C)
        659.0336 1974.0790 1974.0720 3.51
2583
                                                 10 2.6e+002
        616.3386 1845.9940 1845.9883 3.06
                                                 10 3.9e+002
                                                                         RGMVLARPDILGTFER + Oxidation (M)
1667
        697.3828 1392.7510 1392.7473 2.66
                                                 10 4.3e+002
                                                                         SGVTRSAFLASAAR
M 1171
        636.7602 1271.5058 1271.5055 0.29 0
                                                                         DDGENPFDHAVG
                                                                         RMYWSSEQGLR

□ 1703

        706.8422 1411.6698 1411.6666 2.27 1
                                                 10 4.9e+002
       1004.9850 2007.9554 2007.9538 0.83 0
                                                 10 4.7e+002
DEFHVVEIVPAEDGEAPR
                                                                         MKALIGIGLCAALLGGCAALPGR + Carbamidomethyl (C); Oxidation (M)
                                                 10 2.4e+002
2961
        748.0792 2241.2158 2241.2159 -0.08 1
        365.1858 728.3570 728.3565 0.70 0
                                                 10 1.5e+002
                                                                         QGSNAPR
                                                                         DVVGTWTGRSACLLOEAMR
       1047.0160 2092.0174 2092.0194 -0.92 1
                                                 10 4.9e+002
☑ 2666
W 1361
        654.3627 1306.7108 1306.7092 1.23 1
                                                 10 5.2e+002
                                                                         TSALTGVSTNTKK
        528.2725 1581.7957 1581.7926 1.92 0
                                                10 6e+002
                                                                         LSFPDASYDVVLEK
        600.0125 1797.0157 1797.0108 2.70 1
                                                10 1.6e+002
                                                                         IRLSSVSASVASSPAPLR
        599.8185 1197.6224 1197.6255 -2.51 0 10 3.5e+002
                                                                         OOHSFVPSLR

☑ 2629 1027.9980 2053.9814 2053.9738 3.71 0

                                                10 5.5e+002 1
                                                                         EIAAEQPAATVIACPDENR + Carbamidomethyl (C)
       584.0555 2332.1929 2332.1845 3.60 1
                                                10 4.7e+002 1
                                                                         WKDLTENVNTMALNLTSQVR
```

```
657.2800 1312.5454 1312.5452 0.16 1 10
                                                                         ESKMSESQEDK + Oxidation (M
        734.0755 2199.2047 2199.2124 -3.51 1
                                                                         LOADHAPRIITPLGNDTVIR
  2868
         741.7457 2222.2153 2222.2205 -2.35

    2918

         512.7808 1023.5470 1023.5461 0.90
                                                                         NARDOPVPK
         897.4875 1792.9604 1792.9584 1.15 1
                                                                         LAHNLKVQGNWLDSAR
        537.7559 1073.4972 1073.4989 -1.55 0
                                                 10 3.3e+002
                                                                         TIDTDEQPR
        615.8509 1229.6872 1229.6914 -3.38
         440.2335 1317.6787 1317.6776 0.83
  1401
3307
        1191.5800 2381.1454 2381.1533 -3.31
                                                                         LGVTFTEKPNGDMLVSTQDGTR + Oxidation (M)
        1150.8750 3449.6032 3449.5951 2.35
                                                                         SGMFMSCVPDVPCITPGTYAFLGAAAALSGVMR + 2 Carbamidomethvl (C); Oxidation (M
        379.6955 757.3764 757.3793 -3.71
                                                                         ASGAAPDQAASPR
         599.7954 1197.5762 1197.5738 2.05
                                                 10 3e+002
2402
        605.6880 1814.0422 1814.0374 2.62 1
≥ 2880
        1102.1090 2202.2034 2202.2121 -3.92
                                                                         RTPGGAPITVAVTVDAASGLPPR
        957.4607 1912.9068 1912.9135 -3.48
         541.2673 1080.5200 1080.5240 -3.69
        568.7961 1135.5776 1135.5734 3.73
                                                                         YGGSIDNRVE
         707.8038 1413.5930 1413.5943 -0.86
                                                                         RTDEYGGSMENR
        400.6928 799.3710 799.3725 -1.85
        496.7922 991.5698 991.5702 -0.36
                                                                         SGIKAFELK
        438.5647 1312.6723 1312.6697 1.98
                                                 10 4.4e+002
                                                                         STLMPTPPSASPK
        528.7885 1055.5624 1055.5652 -2.56
                                                 10 6.2e+002
        681.8662 1361.7178 1361.7190 -0.88
                                                 10 7.8e+002
         726.6998 2177.0776 2177.0739 1.67
                                                 10 5.5e+002
        589.8254 1177.6362 1177.6343 1.66
                                                 10 6.5e+002
        1436.1560 2870.2974 2870.3062 -3.05
                                                                         YIANDTAEAVELQCTLAETQCNAASK + 2 Carbamidomethyl (C)
                                                 10 2.4e+002
        537.8058 1073.5970 1073.5982 -1.05 1
                                                 10 4.3e+002 1
                                                                         VSGWTKAAVR
        717.0287 2148.0643 2148.0674 -1.43
                                                                         IDAFIVAEPFNAAGEMLAGGR
                                                                         EEFEQEVKNVLPEFPVGDPR
        786.7270 2357.1592 2357.1539 2.22
                                                 10 6.2e+002
  3331
        1202.0220 2402.0294 2402.0276 0.76
                                                 10 1.1e+002
                                                                         CPVCSHEVDPRDPVCPTCGFK + 2 Carbamidomethyl (C)
                                                                         DGIPFTGFLYAGLMIDSNGDPR
        786.0490 2355.1252 2355.1205 1.97
                                                 10 5.2e+002
        1387.1350 2772.2554 2772.2591 -1.31
                                                                         GMMSDPNFLRVLQEMNCDEITLK + Carbamidomethyl (C); 2 Oxidation (M)
                                                 10 2.6e+002
        442.5773 1324.7101 1324.7139 -2.92
                                                 10 4.8e+002
                                                                         OITLHDAPGVFK
2492
        939.9393 1877.8640 1877.8656 -0.84 1
                                                 10 3.9e+002
                                                                         NAAGDFSLGKEGGHSEFR
        889.4560 1776.8974 1776.8923 2.92 1
                                                 10 6.4e+002
                                                                         FWFLCQHWLVDRK
        769.7331 2306.1775 2306.1828 -2.30
                                                 10 5.6e+002
                                                                         IDDEVIGPMLSVSGYRGIEIK + Oxidation (M)
        625.3382 1248.6618 1248.6649 -2.41
                                                 10 6.8e+002
                                                                         SAPIMORVGYK
        1037.9950 2073.9754 2073.9789 -1.69
                                                 10 5.1e+002
                                                                         HSTPCGVALGDNVEEAYKK + Carbamidomethyl (C)
        658.3666 1314.7186 1314.7197 -0.79
                                                 10 7.2e+002
                                                                         SSIVPPFWARR
        503.2618 1506.7636 1506.7637 -0.12 1
                                                 10 8e+002
                                                                         AARATSASAAISSSEK
☑ 3184
        580.0557 2316.1937 2316.1936 0.03 1
                                                 10 5.1e+002
                                                                         RVSFTLVGLAQSPEFIYSMR + Oxidation (M)
☑ 3361
        814.7934 2441.3584 2441.3563 0.83 0
                                                 10 1.3e+002
                                                                         VIAVTLIVVVASLGAALAADAMSDR + Oxidation (M)
                                                                         GRVGEFPMTPIFAMK + Oxidation (M)
        848.9290 1695.8434 1695.8477 -2.49 1
                                                 10 6.6e+002
        886.4466 1770.8786 1770.8723 3.60
                                                 10 6e+002
                                                                         LMORYTONYTRAGGK
       1133.1970 3396.5692 3396.5813 -3.57 0
                                                 10 2.7e+002
                                                                         SNATLEMMQEIEQAAQGVIASYEDQVEQIR + Oxidation (M)

    2618

       1020.9950 2039.9754 2039.9688 3.28 0
                                                 10 5.5e+002
                                                                         AELPSAEAFVGSDVTESGFK
        738.3646 2212.0720 2212.0794 -3.34 1
                                                 10 5.6e+002 1
                                                                         MNOLTOANNTISOLDSKYK + Oxidation (M)
        747.3555 2239.0447 2239.0427 0.89 0
                                                 10 4.6e+002 1
                                                                         NICDNNEADLILTTGGTGFSK + Carbamidomethyl (C)
        765.3922 2293.1548 2293.1550 -0.10 1
                                                 10 6e+002 1
                                                                         TNKISPDEIAGATFTLTNTGSR
        732.8138 1463.6130 1463.6133 -0.18 0
                                                 10 1.1e+002
                                                                         DAACQGVAAGSVAACN + Carbamidomethyl (C)
       1054.0160 2106.0174 2106.0238 -3.00
                                                 10 5.8e+002
                                                                         MSVYLDPDVMKALSAHAAR + 2 Oxidation (M)
☑ 3287
        790.7386 2369.1940 2369.2015 -3.19
                                                 10 5.4e+002
                                                                         LAFKPYRTNVI.SOONONTFK
        868.9431 1735.8716 1735.8774 -3.34 1
                                                 10 6.4e+002 1
                                                                         QKSAPALTCTVSSTSAK + Carbamidomethyl (C)
885.9718 1769.9290 1769.9345 -3.09
                                                 10 5.8e+002
                                                                         ODSALLATI.SKDCRANK
☑ 2390
        603.3413 1807.0021 1807.0026 -0.30
                                                 10 2.5e+002
                                                                         VGLDEVGLGMTDGAGGTVP + Ovidation (M)
        652.5824 2606.3005 2606.3051 -1.75 1
                                                 10 5.4e+002
                                                                         GFOSSVSPILHFGLGKEDMVDSLK + Oxidation (M)
3398
        568.7966 1135.5786 1135.5808 -1.88 1
                                                 10 5.4e+002 1
                                                                         RAYVNPASMK
        528.2721 1581.7945 1581.7998 -3.38
                                                 10 6.5e+002
                                                                         LTYDEAKTL SANTE
        619.6908 1856.0506 1856.0441 3.49
                                                 10 1.8e+002
                                                                         VIMEGATI.EPI.KIVSTR

    2541

        956.9438 1911.8730 1911.8785 -2.84
                                                 10 3.7e+002
                                                                         GHPVKEAIWEAEEDMR + Oxidation (M)
        444.5674 1330.6804 1330.6778 1.97 0
                                                 10 6 80+002
                                                                         MLPOVVWAMPK + 2 Oxidation (M)
☑ 2431
        611.0200 1830.0382 1830.0403 -1.18 1
                                                 10 1.3e+002
                                                                         GLIFNKTLPLLDPYAR
  732
        568,7965 1135,5784 1135,5803 -1.64
                                                 10 5.4e+002
                                                                         IMIPMEKMK + Oxidation (M)
        483.2863 1929.1161 1929.1155 0.32 0
                                                                         LAAAIVCTMTIALLLSIR + Carbamidomethvl (C)
        720.7272 2159.1598 2159.1613 -0.70 0
                                                 10 3.4e+002
                                                                         DTAVILLERIDLISDPYLK
☑ 3235
       1170.1230 2338.2314 2338.2290 1.05 1
                                                 10 4e+002
                                                                         AFGPSMRVLGCGSITLIAGLFR + Carbamidomethyl (C); Oxidation (M)
1982
        810.7968 1619.5790 1619.5803 -0.78
                                                                         DPYCAWDGMSCSR + 2 Carbamidomethyl (C); Oxidation (M)
≥ 2849
        1095.5170 2189.0194 2189.0205 -0.47
                                                 10 4.4e+002
                                                                         FADDSYVDSYISTIGVYFK
579.5274 2314.0805 2314.0825 -0.87 0
                                                 10 5e+002
                                                                         DIOWAAONAIAEOVEESAADR
        835.0952 2502.2638 2502.2577 2.44 1
                                                                         EGESMVLPLFLNGWLAVNKDDR

■ 3383

                                                 10 5.4e+002
        623.6350 1867.8832 1867.8873 -2.23 1
                                                 10 5.2e+002 1
                                                                         FTKLOTADSEIPMEDK + Oxidation (M)
1115
        627,7689 1253,5232 1253,5268 -2.82 0
                                                 10 1.6e+002 1
                                                                         EMSDMSAPSGVK + Oxidation (M)

■ 1938

        528,2725 1581,7957 1581,8007 -3,19 1
                                                 10 6.8e+002
                                                                         APGMSVGSKTITECR + Oxidation (M)
        378.7225 755.4304 755.4290 1.96
                                                                         ATPVAAAR
105
                                                 10 7.2e+002
        941.9584 1881.9022 1881.8998 1.29
                                                 10 5.8e+002
                                                                         AMLINMILADSIQMDR + 3 Oxidation (M)
☑ 3215
       1165.6300 2329.2454 2329.2538 -3.57 1
                                                 10 3.6e+002
                                                                         AIVMPNLVPPVTTIEMAKAYR + Oxidation (M)
        436.7751 871.5356 871.5378 -2.52 1
                                                 10 3.6e+002
                                                                         VLLKIESA
                                                                         DMLITNGFTEGLDIVLSAMDK + Oxidation (M)
M 3131
       1150.0620 2298.1094 2298.1123 -1.26 0
                                                 10 5.5e+002
       1014.4990 2026.9834 2026.9895 -2.97 1
                                                                         SPHGCDVSPDGRYIIIGGK + Carbamidomethyl (C)
589.8237 1177.6328 1177.6356 -2.35 1
                                                 10 5.9e+002 1
                                                                         DKHPVQWLR
        723.0307 2166.0703 2166.0692 0.52 1
                                                 10 6.5e+002
                                                                         VEEKLLEAGTITYEEEASR
        943.7700 2828.2882 2828.2892 -0.35 1
                                                 10 2.9e+002
                                                                         CSETVTAGRSGTMGDIDAMAVGLTAWR + Carbamidomethyl (C); Oxidation (M)
☑ 3488
1063.9920 2125.9694 2125.9700 -0.26 1
                                                 10 3.8e+002 1
                                                                         DLYMVKDSELYAAFSOCK + Oxidation (M)
       1188.5900 2375.1654 2375.1613 1.73 1
                                                10 6e+002 1
                                                                         HAEMVGLKSDFTILGMDDOLR
        736.0341 2205.0805 2205.0736 3.13 0
                                                10 6.7e+002 1
                                                                         DLDDLSAGLFGOANIMVAEAR
        759.4218 2275.2436 2275.2497 -2.70 1 10 2.4e+002 1
                                                                         LIFPTIATAIIIACGGSTEEKK
        577.0472 2304.1597 2304.1532 2.82 1
                                                10 6.2e+002 1
                                                                         AVGDESMPGAANRLAFLETALR + Oxidation (M)
        668.9991 2003.9755 2003.9808 -2.68 0
                                                10 6.4e+002 1
                                                                         AVHGQPYEEVLSMMLLR + 2 Oxidation (M)
```

```
992.8141 2975.4205 2975.4126 2.66 0 10 4.5e+002 1
        625.3386 1248.6626 1248.6649 -1.77 1
                                                                         TAGMSPALFRAK
  1098
        547.3022 1092.5898 1092.5927 -2.65
                                                                          AFTSOSLALR
         862.4102 1722.8058 1722.8029 1.71
                                                                          ALGLDMDASGGGMGTRSK
                                                                          MSATSGVPARPDLPDDAPAR
        1012.5000 2022.9854 2022.9793 3.05
2612
        824.1249 2469.3529 2469.3591 -2.51
                                                  9 1.9e+002
                                                                         AVLIPINTYONISQELIKQER
        1108.0120 2214.0094 2214.0087 0.32
                                                                          MAIGLLTPCLDCRICSSSCR + Carbamidomethyl (C); Oxidation (M)
        1082.0470 2162.0794 2162.0790 0.21
2771
        792.0809 2373.2209 2373.2151 2.44
                                                                          TARFDAIGLVVADMAASLAFYR + Oxidation (M)
        862.4573 1722.9000 1722.9053 -3.06
        1102.5610 2203.1074 2203.1155 -3.64
                                                                          ADLEIVVAGTRDGITMVEGGGK + Oxidation (M)
        558.3369 1114.6592 1114.6598 -0.46
                                                                         LSEQVVSILK
        680.8774 1359.7402 1359.7411 -0.65
                                                  9 6.9e+002
                                                                         LNWPSLRTFAR
2001
        548.9030 1643.6872 1643.6919 -2.89
                                                                          GYQKAMEEMSSPDR + Oxidation (M)
        621.2873 1240.5600 1240.5580 1.64
                                                                          MTEASWIMLR + Oxidation (M)
         586.6395 1756.8967 1756.9029 -3.54
                                                  9 6.8e+002
                                                                          EEIELICTAPVKEQR

    2252

<u> 160€</u>
        687.8858 1373.7570 1373.7555 1.15
                                                                          DLLNITTVNFKE
        921.4337 1840.8528 1840.8492 1.96
                                                  9 4.8e+002
                                                                          YHQYDPGRYLSEGTE
        938.9201 1875.8256 1875.8196 3.21
                                                  9 2.5e+002
        688.3641 2062.0705 2062.0735 -1.46
                                                                         FPVLNASFDEERGEIVLK
                                                  9 6.3e+002
        625.3383 1248.6620 1248.6601 1.53
                                                                          LKEYQVEVIE
        625.3380 1248.6614 1248.6615 -0.04
                                                  9 7.7e+002
                                                                          TGLAHYALFTF
        686.8781 1371.7416 1371.7398 1.34
                                                                          ELGYPVVADKGPK
        1135.6360 2269.2574 2269.2543 1.41
                                                  9 1.8e+002
                                                                          SVTVHLTPAGDELRAAALPVPI
        361.1907 720.3668 720.3667 0.19
                                                  9 8.1e+002
                                                                          PGPSHAR
        683.8522 1365.6898 1365.6889 0.72
                                                  9 6.7e+002
                                                                         TADGDTPGPLPAVR
        818.9788 1635.9430 1635.9382 2.98
                                                  9 1.4e+002
                                                                         KSLHTCLPPSLISIK
        907.5311 1813.0476 1813.0495 -1.03
                                                                         MIGLISLGLSAIAGAAVTR
         758.7443 2273.2111 2273.2168 -2.51
                                                                          SLYFEAAAVLSGPLHAGSLKSR
 2383
        601.3562 1801.0468 1801.0461 0.36
                                                                         LVIALGYAKASDSLRPK
        950.9265 1899.8384 1899.8455 -3.71
                                                  9 2.8e+002
                                                                          MSTDIPQPNPQPGMAER + 2 Oxidation (M)
                                                  9 5.7e+002
        573.5523 2290.1801 2290.1735 2.89
                                                                          TKQPINSMPIIVNLDVMMAK + 3 Oxidation (M)
  3407
        884.4418 2650.3036 2650.2973 2.35 1
                                                  9 6e+002
                                                                         EKITSPNGTTOAAIETLDEYNVEK
3457
        697.8240 2787.2669 2787.2633 1.30 0
                                                  9 3.1e+002
                                                                          TMQEFRPDGWFITGDIVTMAEDGR + Oxidation (M)
        717.8888 1433.7630 1433.7626 0.28 1
                                                  9 6.2e+002
                                                                          CAT.CARTI.DTVPP
        717.8776 1433.7406 1433.7435 -2.01
                                                  9 8e+002
                                                                         LIASNSMIIESEK
        1063.9910 2125.9674 2125.9674 0.04
                                                  9 3.9e+002
                                                                         NGLTSYGAYGCHCGVGGKGTPK
        561.3194 1120.6242 1120.6240 0.20
                                                  9 5.9e+002
                                                                         SLSAAFKETE
        1056.4860 2110.9574 2110.9511 3.02
                                                  9 3.6e+002
                                                                         STLTDAOLGNADMEMTLER + Oxidation (M)
☑ 3348
        808.4061 2422.1965 2422.1879 3.55
                                                  9 6.7e+002
                                                                         YAVOEVTFEACTLSYKGIWSK
2512
        945.9789 1889.9432 1889.9371 3.26 0
                                                  9 7.3e+002
                                                                         IVPATPTTSDTGVYPESR
        703.3400 2106.9982 2106.9939 2.05 1
                                                  9 6e+002
                                                                         LMEMNNLRSAODLWAGSR + Oxidation (M)
        400.2189 798.4232 798.4236 -0.42 0
                                                  9 5.8e+002
                                                                         SGITVSVH
        750.3598 1498.7050 1498.7099 -3.27
                                                  9 4.9e+002
                                                                         DFRVNTCTPHPR + Carbamidomethyl (C)
        896.9230 1791.8314 1791.8250 3.60 1
                                                  9 5.2e+002
                                                                         GAYDDDFLMRLAAYR + Oxidation (M)
  2772
        721.7006 2162.0800 2162.0864 -2.98
                                                  9 7.3e+002
                                                                         VONSVFECVVDPGOCKLLK + Carbamidomethyl (C)
        740.3566 2218.0480 2218.0510 -1.38
                                                  9 5.8e+002
                                                                         GYPHAELSLILENNTMMNR + Oxidation (M)
☑ 2378
        901.0207 1800.0268 1800.0257 0.61
                                                  9 1.4e+002
                                                                         IGALISOLERDVFLAR
        619.6907 1856.0503 1856.0519 -0.90 1
                                                  9 2e+002
                                                                         NIPEYOGALGALRTILK
                                                                         DLDPKYANITMOMPSDVR + 2 Oxidation (M)
        1063.5000 2124.9854 2124.9820 1.63
                                                  9 5.1e+002
2697
        759.4177 2275.2313 2275.2358 -2.01
                                                  9 3.1e+002
                                                                         LSGPLPISRGSTPGLDMLVHTK

    2930

        1114.5440 2227.0734 2227.0790 -2.51
                                                  9 6.3e+002
                                                                         LLQQMLKPGSDPDEGDEALR + Oxidation (M)
        767.4308 2299.2706 2299.2702 0.16 1
                                                  9 2e+002
                                                                         TVGPARALLWGGLTVVYHHPR
☑ 3041
        757.4300 2269.2682 2269.2695 -0.58
                                                  9 1.5e+002
                                                                         T.T.NUCIDWATT.AT.ANDST.T.HND
☑ 2446
        920.5159 1839.0172 1839.0115 3.14
                                                  9 3.3e+002
                                                                         AROOLIOTLINYHNK
☑ 2857
        1097.0270 2192.0394 2192.0321 3.37
                                                  9 6.3e+002
                                                                         IISDRGTSFTSNAFONFCK + Carbamidomethyl (C)
        908.5202 1815.0258 1815.0241 0.98 1
                                                  9 1.9e+002
                                                                         TSTVTDRLTKDTTVRK
₩ 3362
        816.1240 2445.3502 2445.3494 0.31
                                                  9 2e+002
                                                                         MIVEALLFLVWLVVLSWGADR + Oxidation (M)
        788.8718 1575.7290 1575.7311 -1.28
                                                  9 5.4e+002
                                                                          QMAAEREAAAEDIR + Oxidation (M)
☑ 3527
        721.3070 2881.1989 2881.1890 3.43
                                                                         CIADPMMCPYYHSQCPFSTTVTGTGV + Carbamidomethyl (C); Oxidation (M)
                                                  9 6 40+002
        625 3395 1248 6644 1248 6649 =0 35 1
                                                                         MPVAOGRFTVK + Oxidation (M)
1151.1400 2300.2654 2300.2739 -3.69
                                                  9 2.1e+002
                                                                          ERLPGDOALAEIGLEPLALAPK
                                                  9 4.6e+002
                                                                         TLTLGAYPOTSLK

□ 1661

        464.9290 1391.7652 1391.7660 -0.61
☑ 3031
        756.4149 2266.2229 2266.2182 2.04
                                                  9 3.5e+002
                                                                         AFVDATGOVDVVAHSRGGLIVE
        525.7889 1049.5632 1049.5618 1.38
                                                  9 7.3e+002
                                                                         RSDGTVFLR
        352,6890 703,3634 703,3653 -2,67
                                                  9 1.6e+003
                                                                         GGGSWLK
        611.0189 1830.0349 1830.0325 1.32
                                                  9 1.8e+002
                                                                         LEIHTYLNMILLTIK + Oxidation (M)
2657
        1041.0070 2079.9994 2080.0014 -0.94
                                                  9 6.1e+002
                                                                         DIKWVVIGDWNYGEGSSR
                                                  9 2e+002
                                                                         VVGYYAIATGAVELVDVPPPLK
₩ 3043
        757.7580 2270.2522 2270.2562 -1.79 0
                                                  9 6.7e+002
                                                                         RMEVLDASNNLIVCLCAGYK + Oxidation (M)
2931
        743.3657 2227.0753 2227.0799 -2.08
        887.8767 1773.7388 1773.7419 -1.71 0
                                                  9 1.3e+002
                                                                         EEPRPGACPMGCAPMR + Carbamidomethyl (C): Oxidation (M)
456,7718 911,5290 911,5301 -1,14 1
                                                  9 2.5e+002 1
                                                                         VRRPOVSA
        920.0944 2757.2614 2757.2704 -3.28
                                                  9 3.6e+002
                                                                         ENORKL-FOFMDSGNFRPTGEDEK
        600.6850 1799.0332 1799.0339 -0.41
                                                                         MRGAVVVSAPLSGVTVLK + Oxidation (M)
2374
                                                  9 1.6e+002
        707.3113 1412.6080 1412.6024 4.00
                                                  9 2.6e+002
                                                                         KQSSMSMTDPNR + 2 Oxidation (M)

☑ 1706

☑ 2490
        469.5225 1874.0609 1874.0625 -0.86
                                                  9 1.4e+002
                                                                         AIOLFSERAATVLNLTK
M 3375
        825.8004 2474.3794 2474.3744 2.01 1
                                                  9 1.4e+002
                                                                         GDISSTILOSLELAKOIINYLR
W 314
        455.7660 909.5174 909.5144 3.31
                                                  9 4.4e+002
                                                                         GHKNIVSR
        1094.5030 2186.9914 2186.9949 -1.60 1
                                                  9 4.2e+002
                                                                         SCOOGSWPTHNTECVNLKR
        796.3636 1590.7126 1590.7097 1.87 0
                                                  9 3.2e+002
                                                                         DVNPVQPDMGNFSR + Oxidation (M)
1953
        616.2488 1230.4830 1230.4823 0.63 0
                                                                         MTAENDTYDR + Oxidation (M)
        637.2814 1272.5482 1272.5470 1.01 0
                                                  9 2.5e+002
                                                                         GEAESPGSEPEGK

☑ 1173

                                                  9 6.9e+002 1
☑ 3381
        1249.1300 2496.2454 2496.2496 -1.68 1
                                                                         NVEVSIIDKAWDTGDVAPSVPER
        540.7600 1079.5054 1079.5029 2.32 0
                                                  9 5.5e+002
                                                                         MSOSTOINR + Oxidation (M)
        979.0339 1956.0532 1956.0602 -3.54 1
                                                  9 4.9e+002 1
                                                                          ADDIKDLLSMVGGAPVVIK + Oxidation (M)
        457.9128 1370.7166 1370.7154 0.88 1
                                                9 7.8e+002 1
                                                                         AEAAKPVTKADDR
                                                                         ALEPEIGLQAALARQHEELVR
        781.7665 2342.2777 2342.2706 3.03 1
                                                 9 2.7e+002 1
        739.3756 2215.1050 2215.1096 -2.07 1
                                                 9 7.8e+002 1
                                                                         LGGYREIVFVGFNALNSCEK
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770.7161 2309.1265 2309.1355 -3.92 1
        935.9390 1869.8634 1869.8680 -2.41 0
                                                                          NCYTFALNPLGTQTDR + Carbamidomethyl (C)
  2482
         787.3970 2359.1692 2359.1604 3.72
☑ 3276
         876.9747 1751.9348 1751.9305 2.49
         764.7548 2291.2426 2291.2381 1.95 0
                                                                          ATATTMCTLYLALPLGAALALR + Carbamidomethyl (C)
        954.9529 1907.8912 1907.8903 0.49
                                                                          GSINEMMKMKPQDVER + Oxidation (M)
        1113.5400 2225.0654 2225.0604 2.26
        395.8795 1184.6167 1184.6124 3.57
        625.3376 1248.6606 1248.6570 2.90
                                                                          VITTGGGGMILCK
         583.3247 1746.9523 1746.9529 -0.38
2762
        720.3680 2158.0822 2158.0881 -2.75
         775.6856 2324.0350 2324.0373 -0.99
                                                                          QGDSGELAKCSGQMTDQVADLR + Oxidation (M)
☑ 3208
2472
        929.4429 1856.8712 1856.8653 3.21 1
        658.8453 1315.6760 1315.6772 -0.88
                                                                          DKFSYSSLTIR
        1167.0790 2332.1434 2332.1477 -1.81
                                                                          AQPCLLDLDKAPTSQTLCLCLS
        531.8177 1061.6208 1061.6233 -2.32
                                                   9 5e+002
                                                                          VKSGAAFLAAK
         700.6761 2099.0065 2098.9993 3.40
                                                                          MFIDVGNONNATIEDYK
         464.2571 1389.7495 1389.7537 -3.06
                                                                          DAMLQELSVLKK + Oxidation (M)
        754.0870 2259.2392 2259.2348 1.92
                                                                          QAVRPHIQPPAAQEIQHIAR
        783.7390 2348.1952 2348.1868 3.55
                                                  9 7e+002
                                                                          LPYVVMELVDGOSLDDMLRR
        403.5070 1207.4992 1207.4961 2.51
                                                                          CEACIAVDDNR
         625.3392 1248.6638 1248.6687 -3.89
                                                   9 6.7e+002
                                                                          POTLARQUIGHK
        998.0324 1994.0502 1994.0506 -0.19
                                                   9 5.7e+002
                                                                          MIINAVEDLVEGINALHK + Oxidation (M)
         747.7091 2240.1055 2240.1048 0.30
                                                   9 7.3e+002
                                                                          SNILCEFPYNGHEHIALVK + Carbamidomethyl (C)
         772.0594 2313.1564 2313.1497 2.88
                                                   9 7.5e+002
                                                                          NPFVLNDIFTSCSCLOLSKK + Carbamidomethyl (C
        948.4318 2842.2736 2842.2803 -2.36
                                                  9 2.7e+002
                                                                          TNPSGEATMWGDYHMREVALYVQR + 2 Oxidation (M)
        456.6906 911.3666 911.3663 0.35 0
                                                  9 1.7e+002
                                                                          VCCTSMPR + Oxidation (M)
        394.7186 787.4226 787.4228 -0.24
                                                                          DILGGWK
                                                   9 3.9e+002
        913.0214 1824.0282 1824.0298 -0.84
                                                  9 2.3e+002
                                                                          VLFSSAQGLYFLVPKF
        956.5259 1911.0372 1911.0327 2.40
                                                   9 4.7e+002
                                                                          QLQTVVLQNGIWTQQF
        668.8124 1335.6102 1335.6055 3.57
                                                  9 5.7e+002
                                                                          DAVEGAYAERGO
        522.7642 1043.5138 1043.5135 0.32
                                                   9 5.9e+002
                                                                          DDLVGSPKDV
        908.7512 2723.2318 2723.2254 2.33 1
                                                  9 3.6e+002
                                                                          RNAWCGSVGYISFCGNMDTSITIR + Carbamidomethyl (C); Oxidation (M)
        404.8951 1211.6635 1211.6662 -2.28 1
                                                  9 5.8e+002
  927
        758.0483 2271.1231 2271.1280 -2.15 0
                                                  9 8e+002
                                                                          LDVTGFSMTGKPGIICVEGFK + Carbamidomethyl (C); Oxidation (M)
        581.5508 2322.1741 2322.1712 1.26
                                                  9 7.4e+002
                                                                          LSVAVVVNYCLNADGKAQPMSK + Oxidation (M)
        824.8816 1647.7486 1647.7497 -0.66
                                                  9 4.4e+002
                                                                          CHPSLSADCRDLFK + Carbamidomethyl (C)
        887.8988 1773.7830 1773.7880 -2.78
                                                  9 3.3e+002
                                                                          RTGCGSLEFDTSVFDR
        962.7766 2885.3080 2885.2974 3.67 1
                                                  9 3.5e+002
                                                                          GERTDGHCYVSNVFQQGASWVMVSR + Carbamidomethyl (C); Oxidation (M)
        513.2724 1024.5302 1024.5342 -3.82
                                                  9 9.8e+002
                                                                          VEGFAAIYR
        1173.5880 2345.1614 2345.1646 -1.36
                                                  9 7.4e+002
                                                                          YISYLAEMGMAEIVNNSKLAL + Oxidation (M)
        513.2546 1024.4946 1024.4938 0.85
                                                  9 5 70+002
                                                                          DCDDA ACDCT.P
        625.3382 1248.6618 1248.6575 3.49
                                                  9 9.3e+002
                                                                          DRPVLGPDGAPR
        882.5006 1762.9866 1762.9869 -0.15
                                                   9 2.3e+002
                                                                          RTRI-WVI-VPKRPVPK
        689.8194 1377.6242 1377.6194 3.50 1
                                                   8 4.7e+002
                                                                          DGQEKNAVECTK + Carbamidomethyl (C)

☑ 1722

        476.2469 1425.7189 1425.7174 1.06
                                                   8 8e+002
                                                                          MLEVKGLDTGYGK + Oxidation (M)
        399.6818 797.3490 797.3490 0.04
                                                  8 1.8e+002
                                                                          EMTHHK + Oxidation (M)
        476.2846 1901.1093 1901.1019 3.87
                                                                          MTTLAIKNIGILVSGNIK + Oxidation (M)
                                                  8 7.1e+002
        573.5522 2290.1797 2290.1805 -0.34 0
                                                                          AITADVLALHGIEPDEETIOR
        716.3682 2146.0828 2146.0836 -0.40
                                                  8 8e+002
                                                                          CPKVVSPSVCSILSDTPVMK + Carbamidomethyl (C)
2741
        734.3520 2200.0342 2200.0430 -3.99
                                                  8 5.9e+002
                                                                          PELDOALAEVAAEMAERSDR
        739.3741 2215.1005 2215.0952 2.39
                                                   8 8.1e+002
                                                                          CDGPCALPLHQLKAFLSQMK + Oxidation (M)
        671.8884 1341.7622 1341.7616 0.47
                                                  8 5.8e+002
                                                                          OLVEATGSGVLLR
☑ 3260
        587.8082 2347.2037 2347.2060 -0.97
                                                  8 6.8e+002
                                                                          DPFPYLTTKQPLDLQISTDR
1386
        658.3287 1314.6428 1314.6424 0.33
                                                   8 7.5e+002
                                                                          SLDPMPMOOLR
                                                                          SGYGCLEVGDLPDPR + Carbamidomethyl (C)
        817.8755 1633.7364 1633.7406 -2.56
                                                  8 4.2e+002
1994
        717.0663 2148.1771 2148.1725 2.14 1
                                                  8 3.2e+002
                                                                          VRLSITSAALAATMFSGLPAR + Oxidation (M)
₹ 2764
        1080.0510 2158.0874 2158.0915 -1.87
                                                   8 8.9e+002
                                                                          HVTDMLVGDMORVIEVPK + Oxidation (M)
        919.5118 1837.0090 1837.0131 -2.23
                                                  8 3.8e+002
                                                                          LGLPADLINTGMPQIIR + Oxidation (M)

    2608

        1010.4810 2018.9474 2018.9415 2.97
                                                   8 6.9e+002
                                                                          IPHCKMSPSQVDNQNHK + Carbamidomethyl (C)
        552.3026 1102.5906 1102.5883 2.11 0
                                                   8 1 20+003
                                                                          TT.ARDHT.HR
  747
        571.3023 1140.5900 1140.5927 -2.36
                                                  8 6.9e+002
                                                                          NEVIPEVWR

    2573

        978.4679 1954.9212 1954.9153 3.03
                                                  8 6.9e+002
                                                                          ELSOSESGIINTTSSOMK + Oxidation (M)
☑ 3252
        1174.0780 2346.1414 2346.1496 -3.47
                                                  8 7.9e+002
                                                                          SFILALLCLMVAGVMDMFDGK + Carbamidomethyl (C): Oxidation (M)
        797,7309 2390,1709 2390,1675 1,40 0
                                                  8 8.3e+002
                                                                          ALOEADVOLIGGDLDEAPMVYK + Oxidation (M)
3091
        1144,6090 2287,2034 2287,1954 3.51
                                                  8 6e+002
                                                                          RTVTVALLLAAASAGCGEPTSSGR
                                                                          MSSVKT.VAPT.SGSTVAT.R
        610.0285 1827.0637 1827.0652 -0.82
2501
        471.7445 1882.9489 1882.9425 3.41
                                                  8 8.6e+002
                                                                          KPTPDFLGAEEEQPGLR
                                                  8 3.2e+002
₩ 3274
        786,7693 2357,2861 2357,2856 0.21 1
                                                                          ODPVEVLROAIAGGITLFOFR
        397.7060 793.3974 793.3970 0.54
163
                                                  8 1.7e+003
                                                                          YGGVPSSK
        764.8267 1527.6388 1527.6399 -0.67 0
                                                  8 1.8e+002
                                                                          YEPMODEESGSLK + Oxidation (M)
                                                                          DLGEAMVGINEQEIALLMAER + 2 Oxidation (M)
☑ 3228
        778.7159 2333.1259 2333.1243 0.69
                                                  8 7.4e+002
1262,1550 2522,2954 2522,2864 3,60 1
                                                  8 6.1e+002
                                                                          OARLTKGNAOSGLELSVIDAYTSK
        628.3825 1254.7504 1254.7547 -3.39
                                                                          SAEALAALLGVLK
1117
                                                  8 2.2e+002
        473.2239 1416.6499 1416.6521 -1.57
                                                  8 5.4e+002
                                                                          YDTESQATIYAR
2681
        703.3403 2106.9991 2107.0010 -0.93
                                                  8 7.2e+002
                                                                          NSKSFNANFGLEYFLNDE
        710.0092 2127.0058 2127.0089 -1.45 0

    2704

                                                  8 7.4e+002
                                                                          CLLTMLGESDPSNLGHOGAGK
        401.8419 1202.5039 1202.5051 -1.04 0
                                                  8 1.6e+002
                                                                          IDDSSPDSDPR
       1146.6240 2291.2334 2291.2307 1.19 1
                                                  8 4.2e+002
                                                                          NNAAPILLIKSCSGLGPAVTAPO + Carbamidomethyl (C)
                                                                          VQPGGLRFEITESLIMEDIDQAR + Oxidation (M)
        878.4470 2632.3192 2632.3167 0.96 1
                                                  8 8e+002
₹ 3405
        609.2515 1216.4884 1216.4852 2.63 0
                                                  8 1.1e+002
                                                                          SECMDYIGSR + Carbamidomethyl (C)
        752.8578 1503.7010 1503.6987 1.54 0
                                                  8 6.9e+002
                                                                          AAPGNDALICSTSER

☑ 1781

                                                                          LEYPELKLLPVTLK
        552.6696 1654.9870 1654.9909 -2.38 1
        1164.1480 2326.2814 2326.2896 -3.50 0
                                                  8 2.7e+002 1
                                                                          LIVIAAALAAAGAVLSAAAFAOASDA
                                                  8 8.9e+002
                                                                          GALGTGGPADGVRAAAWQHDGK
        698.0128 2091.0166 2091.0246 -3.85 1
        736.3625 2206.0657 2206.0650 0.32 0
                                                8 8.8e+002
                                                                          EYQSLMILSASSCSGIGLFK + Carbamidomethyl (C); Oxidation (M)

☑ 2767 1081.0560 2160.0974 2160.0963 0.51 1

                                                  8 7.5e+002 1
                                                                          AAVAPYDTVGPDYRAPSLAAR
        744.9085 1487.8024 1487.7984 2.74 1
                                                  8 7.4e+002 1
                                                                          DLYEKLLPVADGR
```

	498	628.3076	1881.9010	1881.8956	2.86	0	8	8.3e+002	1	SISDQAISEADIFGNTSK
	425		1829.0434		3.47	1	8	1.6e+002	1	AITEAIQTRLTLISGSR
	196			2318.1511		0		8.8e+002	1	DQCLHNLSLLPPPTELVCNR + Carbamidomethyl (C)
	139			1715.8690	-1.23	0		9.8e+002	1	SSQAADQVEIQQVSVK
	500		1882.9461		0.14	0	8	8.7e+002	1	IDPAALAVSNTPAEVEMR
	099		2290.1789		2.75	1		7.8e+002	1	DMVLDTLASTELSEADKALLR
	558		2989.4014		2.18	1		6.2e+002	1	IMSQGTDGEVAGVVNSHDDKDHVHGTIR + Oxidation (M)
	035			1672.9195		0		5.7e+002 9e+002	1	NTALAMGVIAGLIHHR
	636			2060.0394			8		1	AASPKAIESGIMVGMVAADAR + Oxidation (M)
	994			2247.0875				8.1e+002 3.9e+002	1	GVPEGNLVSLDCPMTSEISRK + Oxidation (M)
	380			2494.3391 2186.2212				2.3e+002	1	TEERAIDALAPVSVVTLEQIQGR ITSFTIDHLRLLPGVYVSR
	847 098			2290.1780		1		7.8e+002	1	EVILNAKQHDVQFIFMGASK + Oxidation (M)
	408			2663.3224	2.46		8	8e+002	1	NAIVTEAGNCRPINEIAEEEPPLK + Carbamidomethyl (C)
	372			1799.0347				1.9e+002	1	MGRVMLLAPVLMLLAR + Oxidation (M)
				2322.1031				7.8e+002	1	FRMGAMINQLCDVLGPGQQR + Carbamidomethyl (C); 2 Oxidation (M)
	370			2461.3832				1.6e+002	1	LFPSPEAPLIAGILVGDEAKIPSK
	755		2153.0005		2.08			6.3e+002	1	MFNLDNELPTPDAHPDRR + Oxidation (M)
	732			1429.7830	-0.65	1		7.9e+002	1	ALGFKLLNDHFR
		1084.0230	2166.0314	2166.0350	-1.65	0	8	8.1e+002	1	VFVMGHSAGAYNAAMVALDAR + Oxidation (M)
		1172.1450	2342.2754	2342.2715	1.69	1	8	3.6e+002	1	NRLIGGGVAAALAGGAFALMPMLR + Oxidation (M)
₩.	206	412.7106	823.4066	823.4076	-1.13	0	8	1.1e+003	1	SVAAPPPAD
☑ 1	383	657.8199	1313.6252	1313.6286	-2.52	0	8	8.9e+002	1	ITGLDMPDGPNGK
	780	723.0322	2166.0748	2166.0766	-0.83	0	8	9.1e+002	1	GAVEEILSICSYIEIDGEVK
₩.	208	413.2395	824.4644	824.4617	3.37	1	8	5.4e+002	1	AHSVKQR
	247			1754.9427		1		7.2e+002	1	VSVAHNTADFIALNRK
	449			1006.5191	1.34	0		1.2e+003	1	LIAMDMLGK + Oxidation (M)
	575		1955.1313		3.85	1		1.1e+002	1	LTRVTGAGCALGALIAALLAT
	953			2233.1226		1	8	9e+002	1	DNDGYSKHQVTTVLETSVLK
	043			1233.4940		1	8	66	1	GMCYGMEGKSR + Oxidation (M)
	230		2333.1559		3.64	1	8	1e+003	1	AAEPMVARETAYYEAHIGQVK
₽	19	631.3667	630.3594		0.95	0	8	2e+003	1	LSAVLE LDKEEERSQTVK
	775		1490.7121	2290.1917	1.39	1		7.6e+002 7.2e+002	1	LTEDNTAGKILGYNGGVVNSLR
	200			2373.1576		0	8		i	GLYQGFNVSSGYYHLPSCLLR
	290 078			1245.4979		0	8	76	1	QMQSDHCANR + Carbamidomethyl (C)
	673			1396.6987		0		9.9e+002	ī	LLDAVFGADYASR
			2185.0094		2.91	1		5.9e+002	1	DDNLEVAMSLLDKAMEYGR + Oxidation (M)
	472		2809.2157		0.14	0		1.8e+002	1	NCTTTAMGSAAAQTPVHCPGCGTPHAPR + Carbamidomethyl (C); Oxidation (M)
	683		2107.0012		-2.73	0		8.5e+002	1	ADLVPGSLASEVYGATSADER
	705			1411.7745	-2.99	1	8	6.7e+002	1	MTKSLFIITGASK + Oxidation (M)
			2122.9714		0.19	1	8	5.7e+002	1	MDCCARHPAVQEIPLGDPR + Oxidation (M)
₩ 3-	462	1398.6410	2795.2674	2795.2702	-0.97	1	8	4.3e+002	1	MAQEGTSTSPGSLEVTAAELAECRADR + Oxidation (M)
	197	869.9011	1737.7876	1737.7888	-0.67	0	8	5.3e+002	1	HCINMMDEAFTLLGK + Oxidation (M)
☑ 1	642	693.8654	1385.7162	1385.7150	0.87	0	8	9.8e+002	1	LQQPAGPSSSISSK
	239		1751.8546		1.96	1	8	1e+003	1	VNTNNKLMTEYGPQK + Oxidation (M)
☑ 1.	465	669.3448	1336 6750	1336.6735	1.15	1	8	8e+002	1	SSLNGKLDFSNR
	334	464.2543	926.4940	926.4934	0.72	1	8	8.9e+002	1	PSGTKGPQR
<b>≥</b> 2	867	464.2543 734.0751	926.4940 2199.2035	926.4934 2199.2007	0.72 1.27		8	3.2e+002	1	PSGTKGPQR VIPIQITEAAVEMVKAGMGVK + Oxidation (M)
	867 205	464.2543 734.0751 412.6900	926.4940 2199.2035 823.3654	926.4934 2199.2007 823.3680	0.72 1.27 -3.15	1 1 0	8 8 8	3.2e+002 5.7e+002	1	PSGTKGPQR VIPIQITEAAVEMVKAGMGVK + Oxidation (M) SAMTVCR + Carbamidomethyl (C)
₩ <u>2</u> ₩ <u>1</u>	867 205 993	464.2543 734.0751 412.6900 545.2827	926.4940 2199.2035 823.3654 1632.8263	926.4934 2199.2007 823.3680 1632.8327	0.72 1.27 -3.15 -3.96	1 1 0 0	8 8 8	3.2e+002 5.7e+002 1.2e+003	1 1 1	PSGTKGPQR VIFIQITEAAVEMVKAGMSVK + Oxidation (M) SAMTVQR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M)
<ul> <li>✓ 2</li> <li>✓ 1</li> <li>✓ 2</li> </ul>	867 205 993 202	464.2543 734.0751 412.6900 545.2827 581.3053	926.4940 2199.2035 823.3654 1632.8263 1740.8941	926.4934 2199.2007 823.3680 1632.8327 1740.8941	0.72 1.27 -3.15 -3.96 0.01	1 1 0 0	8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002	1 1 1	PSGTKGPQR VIPIQITEAAVEMVKAGMGVK + Oxidation (M) SAMTVCR + Carbamidomethyl (C) MSVLSTGINPILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M)
<ul> <li>✓ 2</li> <li>✓ 1</li> <li>✓ 2</li> <li>✓ 2</li> </ul>	867 205 993 202 361	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992	0.72 1.27 -3.15 -3.96 0.01 0.59	1 0 0 1	8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002	1 1 1 1	PSGTKGPQR VIFICITEANVEMVKAGMGVK + Oxidation (M) SAMTVCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M) FVKGGVNVASKFANCR + Oxidation (M)
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	867 205 993 202 361 999	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51	1 0 0 1 1	8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002	1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMVKAGMGVK + Oxidation (M) SAMTYCR + Carbamidomethyl (C) MSVLSTGINNPILCR + Oxidation (M) SAMSKARHINNVVNAKK + Oxidation (M) FVNGMYNVNSKRANGR + Oxidation (M) VGSNVNVPSKLNMARMSKPSK + 2 Oxidation (M)
<ul> <li>₹ 2:</li> <li>₹ 1:</li> <li>₹ 2:</li> <li>₹ 2:</li> <li>₹ 2:</li> <li>₹ 2:</li> </ul>	867 205 993 202 361 999 238	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02	1 0 0 1 1	8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002	1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKARIMONVMAAK + Oxidation (M) FVNGMNNVASKPANGR + Oxidation (M) VGSNNVNPSKLNMAMMERSEK + Z Oxidation (M) MNTECHNGCHTAR + Z Carbamidomethyl (C); Oxidation (M)
<ul> <li>₹ 2:</li> <li>₹ 1:</li> <li>₹ 2:</li> <li>₹ 2:</li> <li>₹ 2:</li> <li>₹ 3:</li> </ul>	867 205 993 202 361 999 238 233	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74	1 0 0 1 1 1 1	8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003	1 1 1 1 1 1 1	PSGTKGPQR VIPIGITEANVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNPILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M) FVKGGVNVASKFANGR + Oxidation (M) VGSNVNVPSKLNMAMERSFPSK + 2 Oxidation (M) MVMSCPHOGKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLVVDPDDDSFSSITPR
<ul> <li>₹ 2:</li> <li>₹ 1:</li> <li>₹ 2:</li> <li>₹ 2:</li> <li>₹ 2:</li> <li>₹ 3:</li> <li>₹ 3:</li> </ul>	867 205 993 202 361 999 238 233 147	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 783.3762	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39	1 0 0 1 1 1 1 1	8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002	1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMVKAGMGVK + Oxidation (M) SAMTYCR + Carbamidomethyl (C) MSVLSTGINNPILCR + Oxidation (M) SAMSAKAHLNNUVNAAK + Oxidation (M) FVNGMYNVNSKANDR + Oxidation (M) VGSNUNVPSKLNMAEMSKPSK + 2 Oxidation (M) MNYECPHCGKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALADLYVDPDDHSPSSITPR GHDGRSR
₹ 2: ₹ 1: ₹ 2: ₹ 2: ₹ 3: ₹ 3:	867 205 993 202 361 999 238 233 147 673	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954 1051.9980	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74	1 0 0 1 1 1 1	8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003	1 1 1 1 1 1 1	PSGTKGPQR VIPIGITEANVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNPILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M) FVKGGVNVASKFANGR + Oxidation (M) VGSNVNVPSKLNMAMERSFPSK + 2 Oxidation (M) MVMSCPHOGKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLVVDPDDDSFSSITPR
₹ 2: ₹ 1: ₹ 2: ₹ 2: ₹ 3: ₹ 2: ₹ 3:	867 205 993 202 361 999 238 233 147	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954 1051.9980 584.0543	926.4940 2199.2035 823.3654 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 2333.1594	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60	1 0 0 1 1 1 1 1 1	8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIPIQITEANVEMVKAGMGVK + Oxidation (M) SAMITUCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKARIANNVMAAK + Oxidation (M) FVNGMVNVASKFANQR + Oxidation (M) VGSNVMYPSKLNMAMMSKFSFK + 2 Oxidation (M) MNTCEPHOGRATIAR + 2 Carbamidomethyl (C); Oxidation (M) SGALADLVVDFDDHSPSSITFR GHDGRSR GTDFLIMDAPAGTHGAELDR + Oxidation (M)
2 2 2 2 2 2 2 2 3 3 2 3 3 3 3 3 3 3 3 3	867 205 993 202 361 999 238 233 147 673 221 580	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954 1051.9980 584.0543 864.9104	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 783.3762 2101.9814 2332.1881 3455.6125	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35	1 0 0 1 1 1 1 1 0 0	8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 8.4e+002	1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKARIMNVNAAK + Oxidation (M) FVNOMNNASKFANGR + Oxidation (M) WGSNUNVPSKLNMABEMSKFSK + 2 Oxidation (M) MNTCEPHGGRTAR + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDFDDHSFSSITFR GHDGRSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGBATATIGGNNISSISATADK MFTHLMANDRALNMANLGGNASGTMMDLMR + Oxidation (M)
# 2 2 2 4 2 2 4 3 3 4 3 4 2 2	867 205 993 202 361 999 238 233 147 673 221 580 170	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 392.6954 1051.9980 584.0543 864.9104 577.3167	926.4940 2199.2035 823.3654 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 2333.1594	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47	1 0 0 1 1 1 1 1 1 0 0	8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 8.4e+002	1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEANVEMVKAGMGVK + Oxidation (M) SAMTUCR + Carbamidomethyl (C) MSVLSTGINNPILCR + Oxidation (M) SAMSAKHILMNVVMAAK + Oxidation (M) FVNGMVNVASKFAMRA + Oxidation (M) VGSNVMVPSKIMMARMSKPSK + 2 Cxidation (M) MNYECPHOGKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLVMPDDHSPSSITPR GHOGSR GTDFLIMDAPGTHGAEIDR + Oxidation (M) EIGEATATIGORNESSLEATADK
# 2 2 2 2 2 2 2 2 2 3 3 2 2 2 2 3 3 2 2 3 3 3 2 3	867 205 993 202 361 999 238 233 147 673 221 580	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954 1051.9980 584.0543 864.9104 577.3167 1238.2650 712.3669	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 783.3762 2101.9814 3455.6125 1728.9283 3711.7732 2134.0789	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26	1 0 0 1 1 1 1 1 1 0 1	8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 4.8e+002 7.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M) FVNGGVWNASKFANGR + Oxidation (M) VGSNWNPSKINMARMSFBFEK + 2 Oxidation (M) MNYECPHGGATAR + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDPDDHSPSSITFR GHDGBSR GTDFLIMAAPAGTHGAEIDR + Oxidation (M) EIORATATIGGREISSLSATADK NEFTHLRMPLANKLNNALQGNAEGTHNDLMR + Oxidation (M) ESTORATATIGGREISSLSATADK MSFTHLRMPLANKLNNALQGNAEGTHNDLMR + Oxidation (M) ESTORATEGRATICLER
# 2: # 1: # 2: # 2: # 2: # 3: # 3: # 3: # 3: # 3	867 205 993 202 361 999 238 233 147 673 221 580 170 588 710 024	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954 1051.9980 584.0543 864.9104 577.3167 1238.2650 712.3669	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 783.3762 2101.9814 3455.6125 1728.9283 3711.7732 2134.0789	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 733.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26	1 0 0 1 1 1 1 1 1 0 1 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 4.8e+002 4.8e+002 5.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMVKAGMGVK + Oxidation (M) SANTYCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKALMINNVMAAK + Oxidation (M) FVNGWNYNASKFANGR + Oxidation (M) VGSNVNVPSKLNMAEMSKFSK + 2 Cxidation (M) MNTECPHICKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALBRUVVPDDHSFSSITFR GHOGRST GTOFLIMAPAGTHGAEIDR + Oxidation (M) EICPATHACKGRTSSLSATAIK NFFTNLRMPLNMLNNALQGNAECTHNDLMR + Oxidation (M) ESVDAIVEATRANLER DYAQVKAOGETTAALDAALSMLDVDPVGFDLMDR + Oxidation (M)
# 2: # 1: # 2: # 2: # 3: # 3: # 3: # 3: # 3: # 3	867 205 993 202 361 999 238 233 147 673 221 580 170 588 710 024 885	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1167.5870 392.6954 1051.9980 584.0543 864.9104 577.3167 1238.2650 712.3669 566.5511	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 783.3762 2101.9814 3455.6125 1728.9283 3711.7732 2134.0789	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26	1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 1e+003 3.2e+002 7.5e+002 4.8e+002 7.4e+002 9.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIPIQITERAVEMVKAGMGVK + Oxidation (M) SANTYCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSKAKINNNVMAKA + Oxidation (M) FVNGMVNVASKFANQR + Oxidation (M) WGSNVNVPSKLNMAMEMSFFEK + 2 Oxidation (M) MYNECPHOGRATIAR + 2 Carbamidomethyl (C); Oxidation (M) SGALARDLVVDFDDHSPSSITFR GHDGRSR GTDFILMDAPGTHGAEIDR + Oxidation (M) EICGEATATLGGREISSLGATADK MFFTHLMRHGANINNALDGMASGTMNDLMR + Oxidation (M) ESVDAIVEATRAVLEK DYAQVKADGETTAAIADALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKADGETTAAIADALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKADGETTAAIADALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKADGETTAAIADALSMLDVDFVGFDLMDR + Oxidation (M)
# 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	867 205 993 202 361 999 238 233 147 673 221 580 170 588 710 024 885 180	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 392.6954 1051.9880 584.0543 864.9104 577.3167 1238.2650 566.5511 736.0339 7773.0521	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 783.3762 2101.9814 2332.1881 3455.6125 1728.9283 3711.7732 2134.0789 2262.1753 2205.0799 2316.1345	926.4934 2199.2007 823.3660 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 7332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 0.47 -2.35 1.46 2.26 -0.24 -0.24 -2.84	1 0 0 1 1 1 1 1 0 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 4.8e+002 7.4e+002 5.7e+002 9.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIPICITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M) FYNGGVNVASKFANGR + Oxidation (M) VGSNVNVPSKINNAMSSFFSK + 2 Oxidation (M) WGSNVNVPSKINNAMSSFFSK + 2 Oxidation (M) SGALDDLVVDFDDHSPSSITFR GHDGSSR GTDFLIMAPAGTHGAEIDR + Oxidation (M) EIQEATATLGGREISSLSATADK NFFTHLAMPLANGLNALGGNABGTHNDLMR + Oxidation (M) ESVDAIVEATRAVLEK DYAQVKADGETFAAIDAALSHLDVDFVGFDLMDR + Oxidation (M) LDEDVIGYYKDVLQTQDGK DVYEEAVETVLKFLAQTMVK
# 2 2 2 2 2 3 3 4 3 3 4 2 2 2 2 2 2 2 2 2	867 205 993 202 361 999 238 233 147 673 221 580 170 588 710 024 885	464.2543 734.0751 412.6900 545.2827 581.305 899.457 750.3822 876.8870 1067.5870 392.6554 1051.9980 584.0543 864.9104 577.3167 1238.2650 712.366 566.5511 736.0339 773.0521 692.8778	926.4940 2199.2035 823.3654 1632.8263 1740.8941 1796.9002 2248.1248 1751.7594 2333.1594 2332.1881 3455.6125 1728.9283 3711.7732 2134.0789 2262.1753 2205.0799 2316.1345	926.4934 2199.2007 823.3660 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2262.1817 2262.1333.7368	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26 -0.24 -2.84 2.84 2.86 3.80	1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 9.4e+002 7.4e+002 9.4e+002 9.4e+002 9.4e+002 1e+003 8.1e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMVKAGMGVK + Oxidation (M) SANTYCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKALMINNVMAAK + Oxidation (M) FVNGMYNNASKFANGR + Oxidation (M) FVNGWYNNASKFANGR + Oxidation (M) MNTECPHICKTLAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALADILVVDFDDHSPSSITPR GHDGRST GTDFLIMAPAGTHGAEIDR + Oxidation (M) EIGENTATICGRETISALSTANK NFFINLEMPLANKLINNALQGNAEOTHHDLMR + Oxidation (M) ESVDAIVEATRANLEK DYAQVKAOGETTAALDAALSMLDVDFVGFDLMDR + Oxidation (M) LDEBUTGVYKUVLGTQDGK DVYERAVETVLEFLAGTHVK DLDDLSAGLFGGANINVAEAR SYMQALASMRFUTHORPHK LLDNITISGGYNDK
# 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 2 2 2	867 205 993 202 361 999 238 233 147 673 221 580 170 588 710 024 885 180 637 702	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 392.6954 1051.9980 394.0543 864.9104 577.3167 1238.2650 712.3669 566.5511 736.0339 773.0521 692.8778 709.6641	926, 4940 2199, 2035 233, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 2125, 9705	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9736	0.72 1.27 -3.19 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26 -0.24 -2.84 2.86 -3.61	1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.8e+002 1e+003 3.3e+002 1e+003 3.2e+002 7.5e+002 4.8e+002 7.4e+002 5.7e+002 9.4e+002 9.4e+002 1e+003 8.1e+002 6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITERAVEMVKAGMGVK + Oxidation (M) SANTYCER + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMVNVASKFANQR + Oxidation (M) FVNGMVNVASKFANQR + Oxidation (M) MYCEPHOGRATER + 2 Oxidation (M) MYCEPHOGRATER + 2 Oxidation (M) MYCEPHOGRATER + 2 Oxidation (M) SGALRDLVVDFDDHSPSSITFR GHDGRSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGNRISSLSATANK MYFTHLANGHANMANLGGNASGTMDLMR + Oxidation (M) ESVDATVEATRAVLEK DYAQVKADGEITAALIADAALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLGTQDGK VYEERAVETVLKFLAGTHVK LDLDLSAGLGGQNAHIVAERR SYMOALASWRFTVLNDEPHK LLPNGTLSGGVMK GNTYEADSIIVATGFMTKK
# 2 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 2 2	867 205 993 202 361 999 238 233 147 673 221 170 024 885 180 637 702 401	464.2543 734.0751 412.6900 545.2827 581.3053 899.4574 750.3822 876.8870 1067.5870 392.6954 1051.9980 584.9104 577.3167 1238.2650 712.3669 566.5511 736.0339 773.0521 692.8778 799.8641 1308.5910	926, 4940 2199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1781, 7954 2333, 1594 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0799 2262, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674	926.4934 2199.2007 823.3660 1632.8327 1740.8991 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 3711.7648 2134.0794 2262.1817 2205.0736 2316.1248 1343.7588 2316.1248 1345.7580	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26 -0.24 2.86 -3.61 3.80 0.21	1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1a+003 3.2e+002 7.5e+002 4.8e+002 7.4e+002 9.7e+002 9.7e+002 1e+003 8.1e+002 3.1e+002 3.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKAHLNNVVNAAK + Oxidation (M) FVNGGVWYASKFANGR + Oxidation (M) VGSNWIPSKLIMMAEMSEFEK + 2 Oxidation (M) MYNTECPHGGATTAR + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDPDDHSPSSITPR GHDGESR GTDFLIMMAPAGTHGAEIDR + Oxidation (M) EICGATATIGGREISSLSATADK NFFINLRMPLANKLINNALQGNAEGTWNDLMR + Oxidation (M) ESVDAIVEATRAVLEK DYAQVKADGETTAAIDAALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGYWYDLOTDGK DVYEEAVETULKPLAQTHVK DLDDLISAGLFGQANITWAEAR SYMQALASMEPTLYMDEBHK LLNNGTLSGGVWDK GMTYEADSIIVATGFMTQK GAMMENTESMEEIGLMFRK + 3 Oxidation (M)
# 2 2 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 3 3 2 3 3 2 3 3 2 3 3 3 2 3 3 3 2 3	867 205 993 202 361 999 238 233 147 673 221 170 024 885 180 637 702 401 502	464,2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,980 584,0543 864,9104 577,3167 1238,2550 712,3659 573,0521 692,8778 709,6641 1308,5910 947,1000	926, 4940 199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1796, 9002 2248, 1248 1798, 37962 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2326, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2265.0736 2316.1428 1333.7358 2125.9700 2615.1587	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 0.47 -2.35 1.46 -0.24 -2.84 2.86 -3.61 3.80 0.21 3.80	1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 4.8e+002 7.4e+002 5.7e+002 9.4e+002 9.4e+002 9.4e+002 9.4e+003 8.1e+002 3.7e+002 4.8e+002 4.8e+002 9.4e+003 4.8e+002 9.4e+003 4.8e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) SAMSAKARIMNVWAAK + Oxidation (M) FVNOMVNVASKFANGR + Oxidation (M) FVNOMVNVASKFANGR + Oxidation (M) MNYECPHOGRATAR + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDFDDHSFSSITFR GHDGMSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGNRISSISATADK MFTHLMENTALGNAMINANALGNABGTHMDLMR + Oxidation (M) ESVDATATIGGNRISSISATADK DYAQVKADGETAAALDAALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLQTQDK DVYEGAVETVLKFLAGTHVK DLDDLSAGTETAAALDAALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLQTQDK DVYEGAVETVLKFLAGTHVK LDLDDLSAGTGQANITWAEAR SYMOALASMRFUYLMDEPHK LLHNGTLSGGVMDK GMTYGRADSILVATGRTKJK SAMMTVMSTFSMEEIGLNFRK + 3 Oxidation (M) AATSINGDSILVATGRTKJK SAMMTVMSTFSMEEIGLNFRK + 3 Oxidation (M) AATSINGDSILVATGRTKJK
# 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	867 205 993 202 361 999 238 233 247 673 221 580 170 588 710 024 885 180 637 702 401 502 502 503	464,2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9890 584,9104 577,3167 1238,2650 712,3669 956,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1008	926,4940 2199,2035 233,3654 1632,8263 1740,8941 1796,9002 2248,1248 1751,7594 2333,1594 2332,1881 3455,6125 1728,9283 3711,7732 2134,0789 2262,1753 2205,0799 2316,1345 1383,7410 2125,9705 2615,1674 2382,2782	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2316.1428 1383.7358 2155.9596	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.60 0.47 -2.35 1.46 2.26 -0.24 -2.86 -3.61 3.80 0.21 3.35 1.35	1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1.e+003 3.2e+002 7.5e+002 8.4e+002 4.8e+002 7.4e+002 7.4e+002 9.4e+002 1.e+003 8.1e+002 6.e+002 3.7e+002 1.e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIPIQITEAAVEMVKAGMGVK + Oxidation (M) SAMTVCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) FVNGMINNYSKFANGR + Oxidation (M) FVNGMINNYSKFANGR + Oxidation (M) WGSNNWPSKLNMAMBERPSK + 2 Oxidation (M) MNTCEPHGCRIAR + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDPDDHSPSSITPR GHDGRSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGREISSLEATANK NFTHLARHENIANNALQGNAEGTHNDLMR + Oxidation (M) ESVDAIVEATRAVLEK DYAQVKADGETTAAIDAALSMLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYKVDLYGTDGK DVYERAVETVLKPLAGTHVK DLDDLIGGVKDVLTGTGKK SYMQALASREPTVIMDEPHK LLNNGTISGGVMDK GNTYEADSILVATOFMTOK SAMTHEVMMSTFSNERGLGMPPKK + 3 Oxidation (M) AAYSNWGDSIAVCAPSNNAPPGMGSFPAK + Oxidation (M) MGGTTRHAVR + Oxidation (M)
# 2 2 2 2 2 2 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 3 2 3 3 3 2 3 3 3 2 3 3 3 2 3	867 205 993 202 361 999 238 233 147 673 221 170 588 710 024 885 180 637 702 401 502 502 503	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 4576,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5950 947,1000 528,7881	926, 4940 1299, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2262, 1773, 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 1055, 5616	926.4934 2199.2007 823.3660 1632.8327 1740.8941 1796.8992 2248.1191 1795.7892 2333.1612 783.3736 2101.9739 3352.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7388 2125.9700 2615.1587 2838.2741 1055.5658	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26 -0.24 -2.86 -3.61 3.80 0.21 3.35 1.43 -3.96	1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.2e+002 7.5e+002 4.8e+002 7.5e+002 5.7e+002 9.4e+002 7.6e+002 9.7e+002 1e+003 8.1e+002 6e+002 3.7e+002 4.8e+002 1.4e+003 8.1e+002 6e+002 1.7e+002 4.8e+002 1.7e+002 1.7e+002 4.8e+002 1.7e+002 1.7e+002 4.8e+002 1.7e+003 1.7e+003 1.7e+003 1.7e+003 1.7e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGWANNVASKEPANGR + Oxidation (M) FVNGWANNVASKEPANGR + Oxidation (M) WGSNUNNVPSKLNMAEMSKPSK + 2 Oxidation (M) WMTCPGRCGKTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLVVDPDDHSPSSITPR GHDGSS GTDFLIMAPAGTHGAEDE + Oxidation (M) EIGEATALIGANGLEDE + Oxidation (M) EIGEATALIGANGLEDE + Oxidation (M) ESVDAIVEATRAVLEK DYAQVKADGETAALIDAALSMLDVDPVGFDLMDR + Oxidation (M) LDEBUTGYTKDVLGTQDGK DVAGWAGTTAALIDAALSMLDVDPVGFDLMDR + Oxidation (M) LDEBUTGYTKUDLGTQDGK DVEENAEVTLEPLAGTMVK DLDDLSAGLFGQANIMVAEAR SYMQALASMRFTVHMDEPHK LLNNGTLSGGVMDK GMTYRADSILVATGMTGK GMTYRADSILVATGMTGK GMTYRADSILVATGMTGK SAMMTEVMBRFTSMEREIGLEMPK + 3 Oxidation (M) AAYSNWGDSIAVCAPSNNAPFGMSFPAK + Oxidation (M) MGTIRHAVR + Oxidation (M) MTNDLITHAW + Oxidation (M)
# 2 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 2 2	867 205 993 202 361 233 147 673 221 580 024 885 710 024 885 180 637 702 401 502 523 907 227	464,2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0914 364,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219	926, 4940 2199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2615, 1674 2055, 1692 2055, 1799 2016, 1345 205, 1799 2016, 1345 205, 1790 2016, 1345 2016,	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7388 2125.9700 2615.1587 2815.5658 1225.6326 2339.1656	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 2.26 -2.84 -2.84 -2.86 0.21 3.80 0.21 3.80 0.21 3.96 -2.74 -2.55	1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1.e+003 3.2e+002 7.5e+002 9.7e+002 9.7e+002 9.7e+002 9.7e+002 9.7e+002 1.e+003 8.1e+003 8.1e+003 6.e+002 1.e+003 1.e+003 1.e+003 1.e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITERAVEMVKAGMGVK + Oxidation (M) SAMITUCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMYNVASKFANQR + Oxidation (M) FVNGMYNVASKFANQR + Oxidation (M) MYCEPHORGATRA + 2 Carbamidomethyl (C); Oxidation (M) MYCEPHORGATRA + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDFDDHSFSSITFR GHDGRSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGNEISSLSATANK MYFTHLANGHANNANLGGNARSGTMDLMR + Oxidation (M) ESVUATVEATRAVLEK DYAQVKADGEITAALIADAALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLGTDDK VVTERAVETVLKFLAGTHVK DLDDLSAGLFGQNAHIVAEAR SYMOALASKRFTVLNDEHK LLPNGTLSGGVMDK GMYYEADSIIVATOFFHTOK SALMHEWMSTFSMEEIGLMPEK + 3 Oxidation (M) AATSNMGDSIAVCASFNARSFOMSFFAK + Oxidation (M) MGITRHAVR + Oxidation (M) MGITHRAVR + Oxidation (M) MTNDLITHAX + Oxidation (M) NASAKFDETVENUMENT ON MASSAKPETVENUMENT ON MASSAKPETVEN
# 2 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 2 2	867 205 993 202 203 999 238 233 147 673 580 170 588 710 024 401 502 401 502 401 502 401 502 401 502 401 502 401 502 401 502 401 502 401 502 401 502 401 502 401 502 602 603 603 603 603 603 603 603 603 603 603	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,316 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 787,378	926, 4940 1299, 2035 823, 3054 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 1055, 5616 1205, 6292 2359, 1716	926.4934 2199.2007 823.3660 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 2311.7648 2134.0794 2262.1817 2205.0736 2316.1428 1333.7358 2125.9700 2451.5187 2838.2741 1055.5636 1205.6326 2339.1656 1796.9611	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 3.60 0.47 -2.35 1.46 -2.26 -0.24 -2.86 -3.61 3.80 0.21 3.35 1.43 -3.96 -2.74 2.55	1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 8.4e+002 4.8e+002 7.6e+002 9.7e+002 1e+003 8.1e+002 6.7e+002 1e+003 1.4e+003 1.4e+003 9.6e+002 1.4e+003 1.4e+003 9.6e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMUKAGMGVK + Oxidation (M) SANTYCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MSGALABLUVUPDDHEPSSITPR GHDGRST GTOPLIMAAPAGTHGAEIDR + Oxidation (M) EIGEATATICKGRSTISLSTATAK NFFTNLENBLANKLNHALGGNAEGTHNDLMR + Oxidation (M) ESVDAIVEATRANLER DYAQVKADGETTAATADAALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYKVDVLOTDGBK DVYEENAEVTLAFLAGTHVK DLDDLSAGLFGGANINVAEAR SYMQALASMRPIVINDEPHK LLNNSTISGGVNK GMTYEADSITVATGFTTQK SARMFTGWMSTSMESIGLHPEK + 3 Oxidation (M) AATSNNGDSIAVCAPSNNAPPGMSFPAK + Oxidation (M) MGTTRRAVR + Oxidation (M) MTNDILTIAAK + Oxidation (M) MTNDILTIAAK + Oxidation (M) DNASAKFDETVEAK HIGHVDPR
# 2 2 2 2 3 3 3 2 2 2 2 2 3 3 3 2 2 2 3	867 205 993 202 361 999 238 233 147 673 221 170 588 710 024 885 637 702 401 502 523 907 907 907 907 907 907 907 907 907 907	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,4868 582,3378	926, 4940 199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1796, 9002 2248, 1248 1798, 3962 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2316, 1345 1383, 7440 2125, 9705 2615, 1674 2838, 2782 2055, 6999 2166, 1959 21786, 9599	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7558 2125.9700 2615.1587 2838.2741 1055.5658 12205.6326 2359.1656 1766.9611 1162.6935	0.72 1.27 -3.15 -3.96 0.01 3.02 2.51 3.02 -0.74 -2.35 1.46 -3.61 3.80 0.33 1.43 -3.61 3.81 1.43 -3.61 4.22 -2.84 2.26 -3.61 3.80 0.81 0.81 0.81 0.81 0.81 0.81 0.81 0	1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 9.4e+002 1.7e+003 8.1e+002 1e+003 8.1e+003 8.1e+002 1e+003 9.7e+002 1e+003 9.7e+002 1e+003 9.7e+002 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SANTYCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMVNANAK + Oxidation (M) FVNGMVNVASKFANGR + Oxidation (M) FVNGMVNVASKFANGR + Oxidation (M) MVECPHOGRATHAR + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLVVDFDDHSFSSITFR GHOGRSE GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGREISSISATADK NFTHLMENIANNALGMARGGTMEDLMR + Oxidation (M) ESVDATATIGGREISSISATADK DYAQVKADGETAALADAALSHLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLQTQDGK DVIEZAVETVLKFLAGTHYKE LDDLSSAGTFAALADAALSHLDVDFVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLQTQDGK DVIEZAVETVLKFLAGTHYKE LDLDLSSAGTGGANITHVAEAR SYMOALASMRFDVIMDEPHK LLENGTLSGGAVIKW CMTYGRASITVATGFMTQK SAEMIEVMSTFSMEETGLMFRK + 3 Oxidation (M) MATTRHAVR + Oxidation (M) MATTRHAVR + Oxidation (M) MTNDLITLAKH + Oxidation (M) MTNDLITLAKH + Oxidation (M) DNASAKFDETVEVAINLGVDFR BLAVLLIGHER BLA
2	867 205 993 202 203 361 999 238 233 147 580 170 588 180 637 702 4885 180 637 702 401 502 702 703 703 703 703 703 703 703 703 703 703	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,788 603,8219 978,3398 894,4868 582,336 602,6633	926, 4940 1299, 2035 1632, 8263 1740, 8941 1796, 9002 1248, 1248 1751, 7594 12333, 1594 783, 3762 1201, 9814 12332, 1881 1455, 6125 1728, 9283 1711, 7732 1214, 0789 1262, 1753 1205, 0799 1215, 1974 1283, 7410 1215, 1976 1283, 7410 1285, 1976	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2615.1587 2838.2741 1055.5636 1205.6326 2359.1656 1786.99611 1162.6935	0.72 1.27 -3.15 -3.96 0.01 3.02 2.51 3.39 4.39 -0.24 -2.26 -3.61 3.35 3.39 3.39 3.39 1.43 -3.61 3.35 1.43 -2.75 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 3.35 -3.61 -3.	1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1e+003 3.2e+002 7.5e+002 8.4e+002 4.8e+002 7.6e+002 9.7e+002 1e+003 8.1e+002 6e+002 3.7e+002 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 2.4e+002 1.7e+003 2.4e+002 1.7e+003 2.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIPIQITERAVEMVKAGMGVK + Oxidation (M) SAMITUCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVMGMYNVASKFANQR + Oxidation (M) FVMGMYNVASKFANQR + Oxidation (M) MYNECPHOGRATERA + 2 Carbamidomethyl (C); Oxidation (M) MYNECPHOGRATERA + 2 Carbamidomethyl (C); Oxidation (M) SGALRDLYVDFDDHSPSSITPE GHDGRSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATLGGREISSLGATANK NFTHILMRICHAINNIALGGRAEGTHNDLMR + Oxidation (M) ESVDAIVEATRAVLEK DYAQVKADGETTAAIADAALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGYVKUTUCTOCK VVYERAVETVLKFLAGTHVK LLDNGSGGFGGANIHVAERR SYMQALASMRPIVIMDEPHK LLDNGSGGFGGANIHVAERR SYMQALASMRPIVIMDEPHK LLNDGTLSGGVNNK GNTYEADSILVATOFBYTOK SAMPHEVMMSTESMESICLMPEK + 3 Oxidation (M) MSTTHLAHLVATOFBYTOK SAMPHEVMMSTESMESICLMPEK + 3 Oxidation (M) MSTNDLITAAK + Oxidation (M) MTNDLITAAK + Oxidation (M) MTNDLITAAK + Oxidation (M) MTNDLITAAK + Oxidation (M) ARIVLIGHER TVSYSVIGGOLLKYYK
2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	867 205 993 202 203 203 203 203 203 203 203 203 20	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 392,6954 1051,980 584,0543 384,0543 1051,980 577,3167 1238,2650 712,3669 566,5511 736,033 773,0521 692,8778 709,6641 1347,1000 528,7881 603,8219 874,3978 884,3978 603,8219 887,3978 8	926, 4940 199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7994 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 2359, 1716 1786, 9590 1166, 9592 11804, 9681 2107, 9534	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2515.1587 2838.2741 1055.5658 2125.9700 2515.1587 2838.2741 1055.6581 2126.6351 1864.9611 2167.9559	0.72 1.27 -3.15 -3.96 0.01 3.02 2.51 3.02 0.47 -2.35 1.43 -3.80 0.21 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80	1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1.2e+003 3.2e+002 7.4e+002 5.7e+002 7.4e+002 5.7e+002 1.2e+003 8.4e+002 1.2e+003 8.4e+003 1.2e+003 1.2e+003 1.2e+003 1.4e+003 1.4e+003 9.6e+002 1.7e+003 1.4e+003 9.6e+002 1.7e+003 1.4e+003 6.5e+002 1.7e+003 6.5e+002 1.7e+003 6.5e+002 6.5e+002 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003 6.5e+003	1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SANTYCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMNNVNASK + Oxidation (M) FVNGMNNVNASKPANGR + Oxidation (M) FVNGMNNVPSKLNMAEMSKPSK + 2 Oxidation (M) WSGNINNVPSKLNMAEMSKPSK + 2 Oxidation (M) WSGNINNVPSKLNMAEMSKPSK + 2 Oxidation (M) MNTECPHCKORTLAR + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLYVDPDDHSPSSITPR GHDGRST GTDFLIMAPAGTRGAEDE + Oxidation (M) EIGEATALLGANGLEDE + Oxidation (M) EIGEATALLGANGLEDARDTHNDLMR + Oxidation (M) ESVUALVEATRANLEK DYAQVKADGETAALDAALSHLDVDPVGFDLMDR + Oxidation (M) LDBEDVIGVYKDVLQTQDGK DVYEMAVETAALDAALSHLDVDPVGFDLMDR + Oxidation (M) LDBEDVIGVYKDVLQTQDGK DVYEMAVETAALDAALSHLDVDPVGFDLMDR + Oxidation (M) LDBEDVIGVYKDVLQTQDGK DVYEMAVETVLAPLAGTMVK DLDDLSAGLFGQANIMVAEAR SYMQALASMRFTVYMBEPHK LLNNGTLSGGVMDK GMTYRADSIIVATGFMTOK SAMMTEVMSRFTSMERIGLEMPEK + 3 Oxidation (M) AAYSNWGDSIAVCAPSNNAPFGMSFPAK + Oxidation (M) MGITHHAVR + Oxidation (M) MYNDLITLAK + Oxidation (M) MYNDLITLAK + Oxidation (M) DNASAFFDETVEVAINLOVDFR DLATGLAMLAKEGALE + Oxidation (M) ARLVLIGHER TVSYSVIGGDLKYYK SDMDAIRALTGDSSWSADR
2	867 205 993 361 999 238 233 1673 221 580 170 024 885 710 024 401 502 401 502 339 702 401 503 401 503 603 702 401 503 603 703 704 705 705 705 705 705 705 705 705 705 705	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 992,6954 1051,9980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 799,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,4868 882,3536 602,6633 1054,998	926, 4940 2199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9914 2332, 1881 3455, 6125 1728, 9223 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 1674 2838, 1674 2839, 1716 1786, 9590 1162, 6992 21604, 9681 2107, 9634 1815, 0226	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2315.1428 1383.7358 2125.9700 2615.1587 2825.91565 1786.9326 2359.1656 1786.931 1162.6932 1162.6931	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.360 0.47 -2.35 -0.24 -2.26 -3.61 3.39 0.21 3.396 -2.26 -3.61 3.396 -3.61 3.396 -3.61 3.396 -2.55 3.396 3.	1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1.e+003 3.2e+002 4.8e+002 4.8e+002 4.8e+002 7.4e+002 9.7e+002 9.7e+002 9.7e+002 3.7e+002 1.e+003 1.4e+	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIPIGITERAVEMVKAGMGVK + Oxidation (M) SAMITUCE + Carbamidomethyl (C) MSVLSTGINNPILCE + Oxidation (M) FVNGMVNVASKAHOR + Oxidation (M) FVNGMVNVASKAHOR + Oxidation (M) MYCEPHORGATER + 2 Oxidation (M) MYCEPHORGATER + 2 Oxidation (M) MYCEPHORGATER + 2 Oxidation (M) GGALRELVVDPEDHSPSSITFR GHDGRSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGNRISSLSATANK MYFTHLANDHAUMANNALGGNABGTMDLMR + Oxidation (M) ESVDATVEATRAVLEK DYAQVKADGEITAALIADAALSMLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLGTQDGK DVYERAVETVLKPLAGTHVK LDLDUSAGLFGQNAHIVAEAR SYMOALASKRFTVLNDEPHK LLPNGTLSGGVMK MYTEMSITYATOFMTQK SALMHFUMMSTESMEGILNPEK + 3 Oxidation (M) MATTERAVR + Oxidation (M) MGITERAVR + Oxidation (M) MGITERAVR + Oxidation (M) MGITERAVR + Oxidation (M) MGITERAVR + Oxidation (M) NASAKPOETVALINDEP LLATGLAMLAARGGAALA + Oxidation (M) RATVLVLGERE TVSYSVIGGDLLKYYK SDMDALARLTGDSSWSADR
2	867 205 993 202 361 999 238 147 673 221 170 588 710 024 488 580 637 702 401 502 523 907 702 702 702 702 702 702 703 704 705 707 707 708 709 709 709 709 709 709 709 709	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 4576,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,4868 882,3536 602,6633 1054,9890 606,0148 1019,4870	926, 4940 1299, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2326, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 2059, 1796 162, 6526 1620, 6526 1604, 9661 1207, 9634 1815, 0226	926.4934 2199.2007 823.3660 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 2311.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2451.51587 2838.2741 1050.6326 2359.1656 1726.9635 1250.6326 2359.1656 1726.9635 1150.6326 2359.1656 1150.6326 2359.1656 1160.9559 1815.0182	0.72 1.27 -3.15 -3.96 0.59 2.51 3.39 2.51 3.39 0.47 2.26 6.24 2.284 2.284 3.80 0.47 3.35 1.43 3.35 1.43 3.35 1.43 3.35 1.43 3.35 1.43 3.35 2.41 3.35 2.41 3.35 2.41 3.35 3.50 3.50 3.50 3.50 3.50 3.50 3.50	1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1.e+003 3.2e+002 4.8e+002 7.5e+002 9.7e+002 1.e+003 8.1e+002 6.e+002 1.e+003 8.1e+002 6.e+002 1.e+003 1.4e+003 1.7e+002 1.7e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEMYKAGMSVK + Oxidation (M) SANTYCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MSGALADLVVDFDDHSFSSITFR GHDGRST GTDFLIMAAPAGTHGAEIDR + Oxidation (M) ESCUALIVACIORETISLISATAIK NFFINLENDLIMAAPAGTHGAEIDR + Oxidation (M) ESCUALIVEATRAVLER DYAQVEADGETAAIADAALSHLDVDPVGFDLMDR + Oxidation (M) LDBEDVIGVYKPVLQTQDGK DVYEENAEVILKELAQTHVK DLDDLSAGLFQQANITWAEAR SYMQALASMRPIVIMDEPHK LLUNGTISGGYONK GMYTEADSITYATOFMTOK SARMFTEWMBFTSMEEIGLMFRK + 3 Oxidation (M) MATSHNAF + Oxidation (M) MTTHRAP + Oxidation (M) MTTHRAP + Oxidation (M) DNASARFDETVEVAININGVDFR DLATGLAMLAREGALAR + Oxidation (M) ARLVLIGHER TVSYSVIGGDLLXYK SDMOALARLTGDSSMSADR ALEVSAFEIVMTIEK STAMBHOMBARCHALR + Oxidation (M) ARLVLIGHER TVSYSVIGGDLLXYK SDMOALARLTGDSSMSADR ALEVSAFEIVMTIEK + Carbamidomethyl (C)
2   1   2   2   2   2   2   2   2   2	867 205 993 202 361 999 238 233 147 673 221 580 710 024 401 523 907 279 907 279 907 279 885 180 637 702 401 523 907 279 885 663 702 885 885 885 885 885 885 885 885 885 88	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 799,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,468 852,3878 602,6633 1054,9890 666,0148 1019,4870 890,9490	926, 4940 199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1796, 9002 2248, 1248 1791, 791, 791, 791, 791, 791, 791, 791,	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2615.1587 2838.2741 1055.5658 12205.6936 1786.9611 1162.6935 1804.9611 2107.9559 1815.0182 2036.9514	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 -2.35 -2.26 -0.24 -2.84 -2.84 -2.26 -3.61 3.39 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 0.21 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.3	1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 3.3e+002 9.2e+002 3.3e+002 7.5e+002 9.4e+002 1.4e+002 9.4e+002 1.4e+003 8.1e+002 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.2e+003 1.2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMVNAKAK + Oxidation (M) FVNGMVNAKAKANGK + Oxidation (M) FVNGMVNVPSKLMMAMBEKFEK + 2 Oxidation (M) MNYECPHOGRATHAR + 2 Carbamidomethyl (C); Oxidation (M) SGALKRLWADPEDHSPSSITPR GHOGRSE GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGREISSISATADK NFTHLMENLGNLMNALGOMARGOTHMDLMR + Oxidation (M) ESVDATURATRAVLEK DYAQVKADGETAALADAALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLQTQDGK DVIERAVETVLKFLAGTHYNK LDLDLSAGLFGANINVAEAR SYMOALASMRPTVIMDEPHK LLENGTLSGGAVINK CMTYGADSITYATGPHTQK CMTYGADSITYATGPHTQK SAEMIFUMMSTESMEEIGLMPRK + 3 Oxidation (M) MGITRHAVR + Oxidation (M) MGITRHAVR + Oxidation (M) MGITRHAVR + Oxidation (M) MTNDLITLAK + Oxidation (M) MTNDLITLAK + Oxidation (M) MTNDLITLAK + Oxidation (M) ENVILOHMAK + Oxidation (M) ARIVLICHER TVSYSVGGDLLKYYK SUMDALARLETGSSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURITER FAVERBOYLLETER
	867 205 993 361 999 238 147 673 221 170 588 702 401 502 401 502 503 637 702 401 502 503 603 603 603 603 603 603 603 6	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,980 584,0543 864,9104 571,3659 564,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 809,4466 582,353 1054,990 606,0148 1019,4870 809,990	926, 4940 1299, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 923 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2134, 1078 2135, 1078 2134, 1078 2134, 1078 2135, 1078 2134, 1078 2134, 1078 2135, 1078 2134, 1078 2135	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2265.0736 2316.1228 1383.7358 2125.9700 24515.1587 2835.2641 1826.935 1826.936 1205.936	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.39 1.46 2.26 6.3.61 3.80 0.21 3.35 1.46 -2.35 1.46 -2.35 1.46 -3.61 3.80 0.21 3.35 -0.24 -2.84 -2.84 -2.84 -2.84 -2.84 -2.84 -2.84 -2.84 -3.61 3.80 -2.74 -2.75 -2.75 -1.13 -3.96 -2.74 -2.75 -1.13 -3.96 -2.75 -1.13 -3.96 -2.75 -1.13 -3.96 -2.75 -1.13 -3.96 -3.86	1 1 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.8e+002 9.2e+002 3.3e+002 1.e+003 3.2e+002 4.8e+002 7.5e+002 9.7e+002 1.e+003 8.1e+002 6.e+002 1.e+003 8.1e+002 6.e+002 1.e+003 1.4e+003 1.7e+002 1.7e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFICITEAAVEWYKAGMSVK + Oxidation (M) SANTYCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MSGALARDLVVDPDDHSSITPR GHDGART GTDFLIMAAPAGTHGAEIDR + Oxidation (M) EICEATATICKGRETISLISTATIOK NFFTNLENDLIMAAPAGTHGAEIDR + Oxidation (M) ESVDAIVEATRANLER DYAQVKADGETTAANLABALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYEVDVLOTQDGK DVYEENAEVTLAFLAGTHVK DLDDLSAGLFGGANINVAERR SYMQALASKRPIVINDEPHK LLDNSTISGGVONK GMTYEADSITVATGFTTQK SARMFTGWANFTSMERIGINFEK + 3 Oxidation (M) AATSNNGDSIAVCAFSNNAPFGMSFPAK + Oxidation (M) MGTTHRAYR + Oxidation (M) MGTTHRAYR + Oxidation (M) MGTTHRAYR + Oxidation (M) ARLYLIGHER TVSYSVIGGILKYVK SDMDAIARLTGDSSWADAR ALVSARETUWTILEK FAVENDAVILGDVIFF + Carbamidomethyl (C) MHTSGAKEFLINFR + Oxidation (M)
2   1   1   2   2   3   3   3   3   3   3   3   3	867 205 993 202 361 999 238 147 673 221 170 588 710 024 885 180 637 702 401 502 523 339 702 401 502 503 603 702 403 603 703 603 704 603 705 705 705 705 705 705 705 705	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 392,6954 1051,9890 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 874,1663 882,3536 602,6633 1054,9890 606,0148 1054,9890 606,0148 1019,4870 809,9490 461,5854 1100,5854	926, 4940 199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7994 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2326, 1173 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 2359, 1716 1786, 9590 1162, 6926 1804, 9681 2107, 9634 1815, 0226 2036, 9594 1617, 8834 1381, 7344 2198, 8984	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2455.5568 1250.6326 2359.1656 1162.6935 1804.9611 2162.6935 1804.9611 2162.6935 1804.9611 2162.6935 1804.9611 2107.95599 1815.082 2036.9514 1617.8813 1381.7388	0.72 1.27 1.27 1.27 1.27 1.27 1.27 1.27 1	1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 3.3e+002 9.2e+002 3.3e+002 7.5e+002 9.4e+002 7.6e+002 9.7e+002 9.7e+003 8.1e+003 8.1e+002 1.7e+003 9.6e+002 1.7e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SAMITUGE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMVNAKAK + Oxidation (M) FVNGMVNAKAKANGK + Oxidation (M) FVNGMVNVPSKLMMAMBEKFEK + 2 Oxidation (M) MNYECPHOGRATHAR + 2 Carbamidomethyl (C); Oxidation (M) SGALKRLWADPEDHSPSSITPR GHOGRSE GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGEATATIGGREISSISATADK NFTHLMENLGNLMNALGOMARGOTHMDLMR + Oxidation (M) ESVDATURATRAVLEK DYAQVKADGETAALADAALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYKDVLQTQDGK DVIERAVETVLKFLAGTHYNK LDLDLSAGLFGANINVAEAR SYMOALASMRPTVIMDEPHK LLENGTLSGGAVINK CMTYGADSITYATGPHTQK CMTYGADSITYATGPHTQK SAEMIFUMMSTESMEEIGLMPRK + 3 Oxidation (M) MGITRHAVR + Oxidation (M) MGITRHAVR + Oxidation (M) MGITRHAVR + Oxidation (M) MTNDLITLAK + Oxidation (M) MTNDLITLAK + Oxidation (M) MTNDLITLAK + Oxidation (M) ENVILOHMAK + Oxidation (M) ARIVLICHER TVSYSVGGDLLKYYK SUMDALARLETGSSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURISSWBADR ALPVRAFEITURITER FAVERBOYLLETER
	867 205 205 361 999 361 999 147 673 588 170 024 885 1637 702 401 5523 907 279 885 664 617 981 662 9864 617	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,980 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,788 1603,8219 978,3978 894,4868 582,336 602,6633 1054,9890 606,0148 1019,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,4870 809,9487 809,9497 809,9487 809,9487 809,9487 809,9487 809,9487 809,9487 809,948	926, 4940 199, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 7128, 9233 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 1363, 7410 2125, 9705 2615, 1674 2838, 2782 2615, 6292 2359, 1716 1786, 9590 1162, 6292 2359, 1716 1786, 9590 1162, 9526 2036, 9594 1311, 7834 1381, 0246 2036, 9594 1318, 1834 1381, 0246 2347, 1314 2198, 9894 2347, 1314 2198, 9894	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 793.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2615.1587 2838.2741 1055.5668 1205.6326 2359.1656 1786.9611 1162.6935 1840.49611 1107.9559 1815.0182 2036.9514 1617.8818 1381.7982 2347.1379	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 3.60 0.47 -2.84 -2.84 -2.84 -2.84 -3.61 3.80 0.21 3.39 -2.75 -1.13 -3.96 -2.74 3.58 -2.75	1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 1 1 0 1 0 1 0 1 0 1 0 1 1 0 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1 1 1 1 0 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 3.3e+002 9.2e+003 3.2e+002 7.5e+002 7.6e+002 9.7e+002 9.7e+002 1e+003 3.7e+002 1e+003 3.7e+002 1e+003 3.7e+002 1e+003 1.4e+003 1.4e+003 2.4e+002 1.4e+003 2.4e+002 2.7e+002 1.4e+003 3.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SANTYCER + Carbamidomethyl (C) MSVLSTGINNFILCER + Oxidation (M) FVNGMNNVNASKPANGR + Oxidation (M) FVNGMNNVASKPANGR + Oxidation (M) MYCEPHCHARTAR + 2 Carbamidomethyl (C); Oxidation (M) MYCEPHCHARTAR + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLYVDFDDHSPSSITFR GHDGASS GTOFLIMDAPAGTRGAEIDR + Oxidation (M) EIGRATALIGANEISSLSATADK MYFTHLANDHINKHANALQGNABGTHDLMR + Oxidation (M) ESVDAIVEATRAVLER DYAQVKADGETAALIDAALSHLDVDPVGFDLMDR + Oxidation (M) LDEBUTGVYKDVLQTQDGK DVYERAVETVLKUPLAGTHVK DLDDLSAGLFOGANIMVAEAR SYMQALASMRFIVIMDEPHK LLUNGTLSGGVUNER GMTYEADSILYATGFMTOK GMTYEADSILYATGFMTOK SARMITEVMMSTPSMEEIGLNPRK + 3 Oxidation (M) MGITHRAVR + Oxidation (M) MGITHRAVR + Oxidation (M) MGITHRAVR + Oxidation (M) NASAKFDETVEVAINLOVDFR DLATGLAMLAAKEGALER + Oxidation (M) ARIVLIGHER TVSYSVIGGDLLKYYK SUMDAIALINGDSSWBADR ALEVSAFETVWTIEK FAVMENDAYTIALSDYLCFE + Carbamidomethyl (C) MHFSGASKPLIKFR MTHALITLIPR + Oxidation (M) LARESGGCVASLEMARFROKK + Oxidation (M)
2	867 205 202 361 999 361 999 147 673 221 580 170 024 885 710 024 885 702 401 502 401 907 798 387 798 387 798 403 617 988 403 685 403 685 403 685 403 685 403 685 403 685 403 685 403 685 403 685 685 685 685 685 685 685 685 685 685	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0513 864,9104 577,3167 1238,2650 712,3669 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,468 852,3788 602,6633 1054,9890 606,0148 1019,4990 666,0148 1019,4970 890,9490 661,1854 1019,4970 809,9490 661,1854 1010,5020 1174,5730 529,3116 528,2721	926, 4940 2199, 2035 2823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1796, 9002 2248, 1248 1791, 7912 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 2359, 1716 1786, 9590 1162, 6592 1162, 6592 1162, 6926 1804, 9681 12107, 9634 1815, 0226 2036, 9594 1617, 8834 1381, 7344 1381, 7344 1381, 7344 1381, 7344 1381, 7344 1381, 7344 12818, 9894 247, 1314 1056, 6086	926.4934 2199.2007 823.3607 823.3607 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2615.1897 2838.2741 1055.5658 1205.6326 2359.1656 1766.9611 1162.6935 1804.9611 2107.9559 1815.0182 2036.9514 6137.8813 1381.7388 21389.9936 2347.1379 1056.6113	0.72 1.27 -3.15 -3.96 0.01 0.59 2.51 3.02 -0.74 -2.84 2.26 -3.61 3.39 0.21 3.39 0.21 3.39 0.21 3.39 0.21 3.39 3.60 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.80 0.21 3.39 3.39 3.80 0.21 3.39 3.39 3.80 0.21 3.39 3.39 3.80 0.21 3.39 3.39 3.39 3.39 3.39 3.39 3.39 3.3	1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 1 1 1 0 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 3.3e+002 9.2e+002 3.3e+002 7.5e+002 9.7e+002 9.7e+002 9.7e+002 1e+003 8.1e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.7e+003 1.7e+	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITERAVEMYKAGMGVK + Oxidation (M) SAMITUCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMYNVASKFANGR + Oxidation (M) FVNGMYNVASKFANGR + Oxidation (M) MYREPHGRETIAR + 2 Carbamidomethyl (C); Oxidation (M) MYREPHGRETIAR + 2 Carbamidomethyl (C); Oxidation (M) SGALARDLYVDFDDMSFSSITFR GHDGMSR GTDFLIMDAPAGTHGAEIDR + Oxidation (M) EIGGATATIGGREISSISATANK MYFTHLARMICHAUMANIALGMASGTMDLMR + Oxidation (M) ESVUATVEATRAVLEK DYAQVKADGETAALADAALSMLDVDFVGFDLMDR + Oxidation (M) LDEDVIGUTYRVLVLQTQDGK DVTEENVETVLKPLAGTMYK LDDDLSAGGFTAALADAALSMLDVDFVGFDLMDR + Oxidation (M) LDDLSAGGFGANITWAEAR SYMOALASMRFIVYMDEPHK LDHDGTSGGGVMDK GHTYEADSITYATGFMTQK SAMMTEVMMSTFSMEEIGLMFRK + 3 Oxidation (M) MSITHRAVR + Oxidation (M) MSITHRAVR + Oxidation (M) MSITHRAVR + Oxidation (M) MSITHRAVR + Oxidation (M) RTULICHAMLAAKEGAALR + Oxidation (M) ARVLVLIGHER TVSYSVIGGDLLKYYK SDMDAIAALTGDSSWSADR ALDVSAFELVWTIIEK FAVHRDAVTLSDVTLCFF + Carbamidomethyl (C) MHSSGAGRELIKFR MYRLLTTLFFR + Oxidation (M) LABESGGCVADSLEMARFGNK + Oxidation (M) VYSGNSWAGVYTVOENTHUW P - Carbamidomethyl (C)
2	867 205 202 361 999 361 999 147 673 221 580 170 024 885 710 024 885 702 401 502 401 907 798 387 798 387 798 403 617 988 403 685 403 685 403 685 403 685 403 685 403 685 403 685 403 685 403 685 685 685 685 685 685 685 685 685 685	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,316 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 1094,71,000 528,7881 603,8219 787,30521 604,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,4868 582,5366 606,6048 1019,4870 809,9490 461,5854 1100,5020 1174,5730 1274,5730 1293,3116 528,2721 1395,1310	926, 4940 1299, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 205, 6929 2359, 1162 1605, 6292 2359, 1176 1786, 9590 1162, 6926 1816, 9636 1207, 9634 1815, 0226 1803, 9994 1217, 9634 1218, 8344 1218, 9894 12347, 1314 1056, 6086 1581, 7345	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 2131.7648 2134.0794 2262.1817 2205.0736 2316.128 2316.1	0.72 1.31 0.05 0.72 1.31 0.05 0.01 0.59 0.01 0.59 0.01 0.59 0.01 0.59 0.05 0.05 0.05 0.05 0.05 0.05 0.05	1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 3.3e+002 9.2e+003 3.2e+002 7.5e+002 7.6e+002 9.7e+002 9.7e+002 1e+003 3.7e+002 1e+003 3.7e+002 1e+003 3.7e+002 1e+003 1.4e+003 1.4e+003 2.4e+002 1.4e+003 2.4e+002 2.7e+002 1.4e+003 3.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVK + Oxidation (M) SANTYCE + Carbamidomethyl (C) MSVLSTGINNFILCE + Oxidation (M) FVNGMYNNASKFANGS + Oxidation (M) FVNGMYNNASKFANGS + Oxidation (M) FVNGMYNNASKFANGS + Oxidation (M) MNTECPHOCKTLAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHOCKTLAR + 0 CARBAMINATARK MNFFINLENDHAGATHGAETHR + Oxidation (M) MSTULMATHAGATHGAETHR + Oxidation (M) MSTULMATHAGATHGAETHR + Oxidation (M) MSTULMATHGAETHR + Oxidation (M) MAATSHNOBSIAVCAPSHNAPPOMSFPAK + Oxidation (M) MSTULMATHAGAETHR + Oxidation (M) MSTULMATHAGAETHR + Oxidation (M) MRITHAWR + OXIDATION MR
R	867 205 202 361 203 361 203 361 580 170 024 180 637 102 401 502 401 503 637 702 401 503 637 702 401 637 702 401 637 702 401 637 637 647 647 647 647 647 647 647 64	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 1167,5870 392,6954 1051,9980 584,0543 864,9104 577,316 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 1094,71,000 528,7881 603,8219 787,30521 604,6641 1308,5910 947,1000 528,7881 603,8219 787,3978 894,4868 582,5366 606,6048 1019,4870 809,9490 461,5854 1100,5020 1174,5730 1274,5730 1293,3116 528,2721 1395,1310	926, 4940 1299, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1751, 7594 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 205, 6929 2359, 1162 1605, 6292 2359, 1176 1786, 9590 1162, 6926 1816, 9636 1207, 9634 1815, 0226 1803, 9994 1217, 9634 1218, 8344 1218, 9894 12347, 1314 1056, 6086 1581, 7345	926.4934 2199.2007 823.3607 823.3607 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 3711.7648 2134.0794 2262.1817 2205.0736 2316.1428 1383.7358 2125.9700 2615.1897 2838.2741 1055.5658 1205.6326 2359.1656 1766.9611 1162.6935 1804.9611 2107.9559 1815.0182 2036.9514 6137.8813 1381.7388 21389.9936 2347.1379 1056.6113	0.72 1.31 0.05 0.72 1.31 0.05 0.01 0.59 0.01 0.59 0.01 0.59 0.01 0.59 0.05 0.05 0.05 0.05 0.05 0.05 0.05	1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0	888888888888888888888888888888888888888	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 3.3e+002 9.2e+002 3.3e+002 7.5e+002 9.4e+002 1.2e+003 8.1e+002 1.2e+003 8.1e+003 8.1e+003 9.2e+003 9.2e+003 9.6e+002 1.7e+003 9.6e+002 9.2e+002 9.2e+002 9.2e+002 9.2e+002 9.2e+002 9.2e+002 9.2e+002 9.2e+003	1	PSGTKGPQR VIFIGITEAAVEMVKAGMGVVK + Oxidation (M) SANTYCER + Carbamidomethyl (C) MSVLSTGINNFILCER + Oxidation (M) FVMGMNNVASKENANGER + Oxidation (M) FVMGMNNVASKENANGER + Oxidation (M) FVMGMNNVASKENANGER + Oxidation (M) MNTECPHGKENTARE + 2 Carbamidomethyl (C); Oxidation (M) SGALEDLAVDEDDERSSITFER GHOGASE GTOPLIMOAPAGTHGAELDER + Oxidation (M) EIGEATALIGANETISALSATADK MFTHLAMMELNKALMANALGARASOTHMDLMR + Oxidation (M) ESVUALVEATRANLER DYAQVKADGETAALADAALSHLDVDPVGFDLMDR + Oxidation (M) LDEBUTGVYKDVLQTQDGK DVYEEAVETVLKPLAQTHVK DLDDLSAGGFGGANIMVAEAR SYMGALASMREPLYMBOEHK LLENGTLSGGVUNER GHYTEADSILYATGFMTOK SALMITEVAMSTPSMEEIGLNPRK + 3 Oxidation (M) MGITERAVR + Oxidation (M) MGITERAVR + Oxidation (M) MGITERAVR + Oxidation (M) MNSAKFDETVEVAINLGVDFR DLANGLAMLAAREGAALR + Oxidation (M) ARIVLICHER TVSYSVIGGDLLKYYK SUMMALASHREDARA + Oxidation (M) ARIVLICHER TVSYSVIGGDLLKYYK SUMMALARAGMALR + Oxidation (M) LARESGGGVANDSTLERFER + Carbamidomethyl (C) MHFSGASKPLIKFR MTHLLTITFDR + Oxidation (M) LARESGGGVANDELEMARFOKK + Oxidation (M) VYSGNSMACVITVOBITNIVR + Carbamidomethyl (C) ALMSCOVGSGSMLAACTGSLATVMPENK + 2 Oxidation (M) ALMASMMEDSLEMARFOKK + Oxidation (M) LAMASMMEDSTGAAK + Oxidation (M) ALMASMMEDSTGAAK + Oxidation (M)
2	867 205 205 361 233 223 233 1673 221 588 710 588 710 240 523 907 702 401 502 523 907 702 401 603 603 603 603 603 603 603 603	464, 2543 734,0751 412,6900 545,2827 581,3053 899,4574 750,3822 876,8870 392,6954 1051,9890 584,0543 864,9104 577,3167 1238,2650 712,3669 566,5511 736,0339 773,0521 692,8778 709,6641 1308,5910 947,1000 528,7881 603,8219 861,382 862,87881 603,8219 871,000	926, 4940 1299, 2035 823, 3654 1632, 8263 1740, 8941 1796, 9002 2248, 1248 1796, 9002 2248, 1248 1791, 7981 2333, 1594 783, 3762 2101, 9814 2332, 1881 3455, 6125 1728, 9283 3711, 7732 2134, 0789 2262, 1753 2205, 0799 2316, 1345 1383, 7410 2125, 9705 2615, 1674 2838, 2782 2359, 1716 1786, 9590 1162, 6926 1804, 9681 2107, 9634 1815, 0226 2036, 9594 1617, 8834 1381, 7344 2198, 9894 2347, 1314 2788, 2474 1377, 7466	926.4934 2199.2007 823.3680 1632.8327 1740.8941 1796.8992 2248.1191 1751.7542 2333.1612 783.3736 2101.9739 2332.1870 3455.6206 1728.9258 2131.7648 2134.0794 2262.1817 2205.0736 2316.128 2316.1	0.72 1.27 1.27 1.27 1.27 1.27 1.27 1.27 1	1 1 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0	888888888888888888888888888888888888888	3.2e+002 5.7e+002 1.2e+003 8.7e+002 9.2e+002 9.2e+002 3.3e+002 1.e+003 3.2e+002 7.5e+002 9.7e+002 9.7e+002 1.e+003 8.1e+002 1.e+003 1.4e+002 1.e+003 1.4e+002 1.e+003 1.4e+003	1	PSGTKGPQR VIFICITEAAVEMYKAGMSVK + Oxidation (M) SANTYCR + Carbamidomethyl (C) MSVLSTGINNFILCR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) FVNGWANNASKFANGR + Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MNTECPHICKTIAR + 2 Carbamidomethyl (C); Oxidation (M) MSGALABLUVUPDDURSPSITFR GHDGART GTDFLIMAAFAGTHGAEIDR + Oxidation (M) EIGEATATICKGRETISLISTATIAK NFFTNLENBLANNALOGNAEGTHNDLMR + Oxidation (M) ESVDAIVEATRANLER DYAQVKADGETTAAILDAALSHLDVDPVGFDLMDR + Oxidation (M) LDEDVIGVYKVDVLOTDOK DVYEENAEVTLAFLAGTHVK DLDDLSAGLFGQANITUALEAR SYMQALASMRPIVINDEPHK LLNNSTISGGVNK GMYTEADSITVATGFTTQK SARMFTGWMSFSMESIGLNFEK + 3 Oxidation (M) AATSNNGDSIAVCAPSNNAPFGMSFFAK + Oxidation (M) MGITHRAYR + Oxidation (M) MGITHRAYR + Oxidation (M) MGITHRAYR + Oxidation (M) ARLYLIGHER TVSYSVIGGLLKYVK SDMDAIARLTGDSSNABAR ALPVSABFIVWTILEK FAVENDAVILGUETH + Carbamidomethyl (C) AMMSNKPKFK + Oxidation (M) LARESGGCVADSLEMARRGNK + Oxidation (M) ALMSCONGSSMAACTGSIAVTWEEKK + 2 oxidation (M) ALMMSCONGSSMAACTGSIAVTWEEKK + 2 oxidation (M)

<b>~</b>										
				1776.8975		1		1.2e+003	1	RIALVDVMNSGNGMLR + 2 Oxidation (M)
₩	_			2136.9858		1	8	6.4e+002	1	LDIVAIDDNKCNNNSNYR + Carbamidomethyl (C)
<b>*</b>			2373.2157		3.94	0	8	8.7e+002	1	VQDIVYELEDQLLPLSEQSR
8				2342.2821		0	8	4e+002	1	NSAVPGGIPMLIAGVLFAVDVFR
<b>W</b>	276	721.0399	2160.0979	2160.1063	-3.88	1	8	9.2e+002	1	VNDVAVIGVYSKDDATELPR
8	314	768.4330	2302.2772	2302.2685	3.78	1	8	2.7e+002	1	TKPNNKTALLFPLPSIETYR
₩.	265	1041.0090	2080.0034	2080.0007	1.31	0	8	9.5e+002	1	QVLAELEAAQQHCDELQR
₩	336	816.4191	2446.2355	2446.2448	-3.80	0	8	9.1e+002	1	NDLIAGSIGGIMGTVLNTPMDVVK + 2 Oxidation (M)
<b></b>	23	417.6959	833.3772	833.3775	-0.34	0	8	4.5e+002	1	MPCLQDK
8			1336.6890	1336.6847	3.22	1	8	1.2e+003	1	NAPSPRGGLESPR
₩.			1816.0096	1816.0110	-0.77	0	8	4.2e+002	1	LLLFMYGFGAFIGLVR
₩			1117.5124	1117.5161	-3.27	1		5.7e+002	1	MIGFYGRCR + Oxidation (M)
₩				1781.9710		0		6.5e+002	1	VPALTPEGTLAGVIGMTR
						1			1	
8				2828.2892				4.6e+002		CSETVTAGRSGTMGDIDAMAVGLTAWR + Carbamidomethyl (C); Oxidation (M)
			1371.7408		3.71			1.2e+003	1	LKENEVADSVLR
8				2258.1300				1e+003	1	EVLEGLCAMAPAPRPHPAVER + Oxidation (M)
8		363.6708		725.3274		1		1.2e+002	1	LMKGMM + Oxidation (M)
₩	223		1750.9492		3.07	0	8	5.5e+002	1	VRPRPAGTENANLATGK
<b>W</b>	211	852.4708	1702.9270	1702.9254	0.97	0	7	6.8e+002	1	QNTVTWSVTNLLTVK
8	267	14 1053.5290	2105.0434	2105.0483	-2.30	1	7	1.2e+003	1	VKVWLGDHAEHYYVFSR
8	109	625.3380	1248.6614	1248.6575	3.20	0	7	1.2e+003	1	HASGPAELAAGIR
₩	254	638.6432	1912.9078	1912.9088	-0.52	1	7	9.1e+002	1	MKDQSNLIIAYEEDTK + Oxidation (M)
<b>W</b>	109	625.3384	1248.6622	1248.6602	1.68	0	7	1.1e+003	1	EFVLESISPTK
8			1362.7378	1362.7368	0.73	1	7	9.4e+002	1	NANSSILSRVFR
W				2158.0841	-0.76	0	7	1e+003	1	ATVAMEGLGGDGLFHAVQTLR + Oxidation (M)
₩			1399.7942		1.44	0	7	5.8e+002	1	VVEATSASLSPVIK
₩			2253.1014		0.92	1	7	1e+003	1	RGDEAALLSLMIHCENPVNR + Oxidation (M)
						1		8.7e+002	1	
8				2282.1754	-1.33 -1.99	1		4.1e+002	1	DIQITLDEPELVTRDATTPR AFFTVFAKDGVDPASAAMFEDDPR + Oxidation (M)
8			2601.1642		-1.40			5.7e+002		AFETVFAKDGVDPASAAMFEDDPR + Oxidation (M) GTNVSGGSISVAGSIIMVLTK
8			1990.0741			0			1	
			2269.2614		-3.54	0		2.9e+002	1	WAPVQLAALAAHGIGGAGLIAANK
₩			2318.1439		2.10	1	7	1e+003	1	DRLDEELPGGSFLLEDTGSLR
8			1626.9104		0.70	1		5.5e+002	1	LPALDVVAERFELR
8	200	822.4603	1642.9060	1642.9004	3.43	0	7	6.7e+002	1	EVYGIPMDIVAVPIK
₩.	296		2242.2436		3.61	1	7	3.1e+002	1	QSMLVTTIPAALEKGAQLISR + Oxidation (M)
8	345	930.0941	2787.2605	2787.2669	-2.31	1	7	4.3e+002	1	DTPQHSHSIQHSPERSGSGSVGNGSSR
w	345	6 697.8237	2787.2657	2787.2757	-3.58	1	7	4.4e+002	1	DCSLDASTNGDSSTPSTSSGIEVKLIF + Carbamidomethyl (C)
₩			1039.4036	1039.4029	0.71	0	7	1.3e+002	1	ECPYSDGGGR
₩.				2290.1879		1		8.8e+002	1	IWVESLADSMKEVVDATLLR + Oxidation (M)
8				2829.2918		1		4.6e+002	1	ECVSMGFADQVTPSLQAMACIQSKR + 2 Carbamidomethyl (C); Oxidation (M)
₩			1452.6638		2.51		7	7e+002	1	RCTAYGSLCHTK + 2 Carbamidomethyl (C)
				1573.8464				1.2e+003	1	RALTVSFSDPVNRK
₩								1.2e+003		
₩				2269.0970			7		1	MTLKMTVSPALIGGDADEGYGK + Oxidation (M)
8			2824.1833		3.35			1.1e+002	1	SNSTWLLNGPDMGAMMNGSDEAEPPR + 3 Oxidation (M)
<b>~</b>			2152.0477		3.03				1	QPCPQASFAGTWSAKEAVFK
8			1181.5288	1181.5247						
					3.48				1	ALNCAEGHDPR
₩.	265			2075.8858		1			1	ALNCAEGHDPR KLDGLYECILCACCSTACPA
₩			2075.8834 2299.0870	2075.8858		1	7	2.3e+002		
	313	767.3696		2075.8858 2299.0790	-1.14	1	7	2.3e+002 8.5e+002	1	KLDGLYECILCACCSTACPA
<b>W</b>	313 350	767.3696 15 1421.6460	2299.0870 2841.2774	2075.8858 2299.0790	-1.14 3.45 0.64	1	7 7 7	2.3e+002 8.5e+002	1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFPK
<b>F</b>	313 350 257	767.3696 05 1421.6460 77 653.7187	2299.0870 2841.2774	2075.8858 2299.0790 2841.2756 1958.1393	-1.14 3.45 0.64	1 1 0	7 7 7 7	2.3e+002 8.5e+002 4.4e+002	1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFPK DIVDEITVYDTNIEDYVEYDQYK
8 8 8	313 350 257 284	767.3696 1421.6460 77 653.7187 16 1094.1110	2299.0870 2841.2774 1958.1343 2186.2074	2075.8858 2299.0790 2841.2756 1958.1393	-1.14 3.45 0.64 -2.58 0.71	1 1 0	7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002	1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEPFK DIVDEITVYDYNIEDYVEYDQYK DPWFLILATLEVAALLR
	313 350 257 284 266	32 767.3696 05 1421.6460 77 653.7187 166 1094.1110 57 1047.0200	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324	-1.14 3.45 0.64 -2.58 0.71	1 1 0 0	7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002	1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEPK DIVDEITYYDTNIEDYVEYDQYK DPWEILLATLFYAALLR VGLVIKADIRPGYESGQLSGK
N N N N	313 350 257 284 266 46	32 767.3696 15 1421.6460 77 653.7187 16 1094.1110 17 1047.0200 15 508.7723	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23	1 0 0 1	7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003	1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEPFK DIVDEITVYDHIBDVSYDQYK DPWFLILATLFVAALLR VGLVYKADIRPGYBSQUSGK BSTAELGGEALDLSVEFIR LADDLGAVSR
	313 350 257 284 266 46 192	767.3696 1421.6460 77 653.7187 166 1094.1110 177 1047.0200 178 528.2715	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23	1 0 0 1 0 0	7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003	1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFPK DIVDEITVYDTNIEDVYSTYDCYK DPWRELLATLFVAALLR VGLVIKANIEPGYSSOGISGK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVRVYLGSTSGR + Carbamidomethyl (C)
X X X X X	313 350 257 284 266 46 192	12 767.3696 15 1421.6460 17 653.7187 16 1094.1110 1047.0200 105 508.7723 106 528.2715 14 1136.1340	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42	1 0 0 1 0 0 1	7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002	1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAACVTPHAAEADETGEFPK DIVDEITVYDHIEDVUSTOOVK DPWBLILATLFVAALLR VGLVIKADIRGYBSGGLSK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVRVYLGSTSGR + Carbamidomethyl (C) DONLLLAIGTVEFGLAMVFVNR
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	313 350 257 284 266 46 192 304 349	767.3696 1421.6460 177 653.7187 166 1094.1110 1047.0200 155 508.7723 166 528.2715 144 1136.1340 122 1415.1530	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91	1 0 0 1 0 0 1 0	7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 1e+003 2.9e+002 5.1e+002	1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEPFK DIVDEITVYDNIEDVUSYDQYK DPWFLILATLFVAALLR VGLVYIKADIRPGYESGQLSGK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVRVYLGSTSGR + Carbamidomethyl (C) DCNLLLAIGTVYDTLAMVFVNR SFAGLTMELGLEMPGEEANGSFGPLSR + 2 Oxidation (M)
	313 350 257 284 266 46 192 304 349 350	767.3696 1421.6460 77 653.7187 16 1094.1110 1047.0200 105 508.7723 105 528.2715 144 1136.1340 12 1415.1530 13 947.7717	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80	1 0 0 1 0 0 1 0 0	7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 1e+003 2.9e+002 5.1e+002	1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAARADETGEFPK DIVDEITVYDYNIEDVUSTDQYK DPWRLILATLFVAALLR VGLVIKADIBOPYSSOGUSGK DSTAELGQEALDLSVEFIR LADDLGAVSR DCLVRKVIGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVFTGLAMMFVNR SPAGLTMELGLEMPGERANGSPGPLSR + 2 Oxidation (M) ENLCHGVPTUNNTANDSAMGGTMYLK + 2 Oxidation (M)
X X X X X X X X X X X X X X X X X X X	313 350 257 284 266 46 192 304 349 350	22 767.3696 1421.6460 653.7187 653.7187 1094.1110 67 1047.0200 65 508.7723 26 528.2715 144 1136.1340 21415.1530 23 947.7717 725.8257	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55	1 0 0 1 0 0 1 0 0 0 0	7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 1.2e+003 2.1e+003 2.9e+003 2.9e+002 5.1e+002 4.4e+002	1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAARADETGEFPK DIVDEITVYDHIEDVUSTOOVK DPWELLLATLFVAALLR VGLVIKADIRPGYESGGLSK DSTAELGGRALDLSVEFIR LADDLGAVSR DCLVRVYLGSTSGR + Carbamidomethyl (C) DONLLLAIGTVPTGLAMVFVNR SFAGLIMELGLEMPGERANGSFGFLSR + 2 Oxidation (M) ENLCHGVPFVNATANDSAMOGTMYLK + 2 Oxidation (M) IQDSIDADMEAAR + Oxidation (M)
X X X X X X X X X X X X X X X X X X X	313 350 257 284 266 46 192 304 349 350 175 277	22 767.3696 15 1421.6460 17 653.7187 16 1094.1110 10 47.0200 15 508.7723 16 1136.1340 12 1415.1530 13 947.7717 16 1084.0220	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46	1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 1.2e+003 2.1e+003 2.9e+002 5.1e+002 5.2e+002 4.4e+002 9e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFPK DIVDEITVYDTNIEDVESTPOUK DPWELLLATLFVAALLR VGLVIKADIEDVESTPOUK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVERVIGSTEGR + Carbamidomethyl (C) DCMLLLAIGTVFTGLAMMFVNR SFAGLIMELLBEMGGEEANGSFGFLSR + 2 Oxidation (M) ENLCHGVFIVANTANDSAMOGTMYLK + 2 Oxidation (M) IQDSIDADMEAAR + Oxidation (M) VLVMENNSSVESDSEDNKK
X X X X X X X X X X X X X X X X X X X	313 350 257 284 266 46 192 304 349 350 175 277	767.3696 121.6460 121.6460 127.653.7187 126.1094.1110 127.000 128.2712 128.2715 129.2712 141.130 129.2712 141.130 129.2712 141.130 14	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43	1 0 0 0 1 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.1e+002 5.2e+002 4.4e+002 9e+002 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAACVTPHAAEADETGEFPK DIVDEITVYDTHIEDVUSTOOVK DPWBLILATLFVAALLR VGLVIKADIRPGYESGQLSGK DSTAELGGRALDLSVEFIR LADDLGAVER LADDLGAVER PCLVRVYLGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVPTGLAMVFVNR SFAGLTMELGLEMPGEEANGSFGPLSR + 2 Oxidation (M) ENLCHGVPLVNTANDSAMGGTMYLK + 2 Oxidation (M) IQDSIDADMEARA + Oxidation (M) VLVMPNNSSVFSDSSDNNK IAVDMENDSLIDEREALER + Oxidation (M)
	313 350 257 284 266 46 192 304 349 350 179 277 289 315	767.3696 15 1421.6460 15 1421.6460 1094.1110 17 1047.0200 15 508.7723 16 528.2715 14 1136.1340 12 1415.1530 13 947.7717 11 725.8257 16 1084.0220 17 577.5516	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1689	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66	1 0 0 0 1 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 1.9e+002 5.1e+002 5.2e+002 4.4e+002 9e+002 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTFHAAEADETGEFFK DIVDEITVYDTMIEDVYETPOKK DPWFLILATLFVAALLR VGLVIKADIEPYESOGISGK DSTAELGGEALDLSVEFIR LADDLGAVES DCLVEVYLGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVETGLAMVFVNR SFAGLTMELGLEMPGEEANGSFGILSR + 2 Oxidation (M) ENLCHOVEIVMYTANDSAMGGTMYLK + 2 Oxidation (M) INICHOVEIVMYTANDSAMGTMYLK + 2 Oxidation (M) VILVMYNNSSVSDSSIBNIK LAVDMYNEGLIDEREALMR + Oxidation (M) RAEIVAGAGEKQAUTVAINAGE
X X X X X X X X X X X X X X X X X X X	313 350 257 284 266 46 192 304 349 350 175 277 289 315	767.3696 15 1421.6460 15 1421.6460 15 1421.6460 15 1694.1110 15 508.7723 16 1094.1110 15 528.2715 14 1136.1340 12 1415.1530 13 947.7717 1 725.8257 16 1084.0220 16 737.3641 17 577.5516	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2282.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1689 1712.9057	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27	1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0	7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002 5.1e+002 9e+002 1e+003 1e+003 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCARAVTPHARADETGEFFK DIVDEITVYDTNIEDVVESTOQYK DPWRLILATLFVAALLR VGLVIKADIEDGYESGGLSGK DSTAELGQEALDLSVEFIR LADDLGAVSR DCLVRRVIGSTEGR + Carbamidomethyl (C) DCMLLLAIGTVFTGLAMMFVNR SPAGLTMELGLEMPGERANGSPGPLSR + 2 Oxidation (M) ENLCHOPVINNTANDSAMDGTMYLK + 2 Oxidation (M) TQDBIDADMEARA + Oxidation (M) VILVMENNSSVSSDSDMNK LAVNENNSGLIDEKEALDR + Oxidation (M) EAEIVAQAGKYGAUTVANNAGR RAIGEAQITELDAQTAK
	313 350 257 284 266 46 192 304 349 350 175 277 289 315 213	767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696 767.3696	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1689 21712.9057 2057.9147	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27	1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.1e+002 4.4e+002 9e+002 1e+003 1e+003 1e+003 4.2e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAACVTPHAAEADETGEFPK DIVDEITVYDHIEDVUSTOOVK DPWELLLATLFVAALLR VGLVIKADIRGPYESGQLSK DSTAELGGEALDLSVEFTR LADDLGAVSR DCLVRRVIGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVPTGLAKVFVNR SFAGLTMELGLEMPGEEANGSFGPLSR + 2 Oxidation (M) ENLCHGVPTUNTANDSAMPGTWTLK + 2 Oxidation (M) IQDSIDADMEARA + Oxidation (M) VILVHENNSSVESDSSDNNK IAVDMENSGLIDEKEALUR + Oxidation (M) EASIVAQAGKYGAVTVATNHAGR RAIGEAQIELDAQTAK VSGGLIVETFSTICEACNGR + Carbamidomethyl (C)
	313 356257 284466 466 19222 3044 349 350 2777 2777 2893 315 213 263 264	767.3696 77 653.7187 161 1094.1110 17 1047.0200 15 508.7723 16 528.2715 16 12 1415.1530 17 125.8257 17 127.3616 17 125.8257 17 1084.0220 17 1084.0220 17 1084.0220 17 1084.0220 18 1084.0220 18 1084.0220 18 1084.0220 19 1084.0220 10 688.3642	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2828.2997 2449.6405 2166.0263 2209.0759 2306.1689 1712.9057 2057.9147	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79	1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 1.2e+003 1.2e+003 2.9e+002 5.1e+002 9e+002 1e+003 1e+003 1e+003 4.2e+002 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFFK DIVDEITVYDTNIEDVESTPOYK DPWELLIATLFVAALLR VGLVIKADIEDVESTPOYK DSTALLGGEALDLSVEFIR LADDLGAVSR DCLVERVIGSTEGR + Carbamidomethyl (C) DCMLLLAIGTVETGLAMMFVNR SFAGLIMELLBEMGGEEANGSFGFLSR + 2 Oxidation (M) ENLCHGVFIVANTANDSAMOGTMYLK + 2 Oxidation (M) IQDSIDADMEARAR + Oxidation (M) VILVMENNSSVESDSEDNRK IAVUMPNSGLIDEKEALDR + Oxidation (M) ERSIVAORGKVAATVATMAGR RAIGEAQIELDAQTAK VSGGLVETFSITTERACNGR + Carbamidomethyl (C) GCTLGVFQLDGNGMRSLLR
	3133562573284466191922636361919226363619192263636191922636361919263636191926664619192666666191926666666666666	767,3696 77 653,7187 66 1094,1110 61 1094,1110 61 1094,1110 61 1094,1110 61 1094,1110 61 1094,1110 61 1094,1110 61 1094,1110 61 1084,0220 61 737,3641 67 757,5516 67 737,3641 67 757,5516 68 364,0220 68 83,642	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708	2075.8858 2299.0790 2841.2756 1958.1393 2166.2059 2092.0324 1015.5298 1581.7933 2270.2487 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1069 1712.9057 2057.9147 2052.0630 2182.0212	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79	1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 1e+003 1e+003 1e+003 4.2e+002 1e+003 8.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAACVTPHAAEADETGEFPK DIVDEITVYDHIEDVUSTOOVK DPWELLLATLFVAALLR VGLVIKADIRGPYESGQLSK DSTAELGGEALDLSVEFTR LADDLGAVSR DCLVRRVIGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVPTGLAKVFVNR SFAGLTMELGLEMPGEEANGSFGPLSR + 2 Oxidation (M) ENLCHGVPTUNTANDSAMPGTWTLK + 2 Oxidation (M) IQDSIDADMEARA + Oxidation (M) VILVHENNSSVESDSSDNNK IAVDMENSGLIDEKEALUR + Oxidation (M) EASIVAQAGKYGAVTVATNHAGR RAIGEAQIELDAQTAK VSGGLIVETFSTICEACNGR + Carbamidomethyl (C)
	3133562573284466191922636361919226363619192263636191922636361919263636191926664619192666666191926666666666666	767,3696 77 673,3696 77 653,7187 66 1094,1110 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 77,7516 75 75,5516 76 737,3641 77 577,5516 77 577,5516 77 577,5516	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708	2075.8858 2299.0790 2841.2756 1958.1393 2166.2059 2092.0324 1015.5298 1581.7933 2270.2487 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1069 1712.9057 2057.9147 2052.0630 2182.0212	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79	1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 1.2e+003 1.2e+003 2.9e+002 5.1e+002 9e+002 1e+003 1e+003 1e+003 4.2e+002 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFFK DIVDEITVYDTMIEDVEVTDQTK DPWFLILATLFVAALLR VGLVIKADIEPQYESOGISGK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVKEVTLGSTEGR + Carbamidomethyl (C) DCMLLLAIGTVETGLAMFVENR SPAGLIMELGLEMPGERANGSFGELSR + 2 Oxidation (M) ENLICHOVETVHVTANDSAMGTMYLK + 2 Oxidation (M) ENLICHOVETVHVTANDSAMGTMYLK + 2 Oxidation (M) VILVMENNSSVESDSSDENN LAVUMPNSGLIDEKEALUR + Oxidation (M) EAELVAQAGEVAGVATVTANMAGR RAIGEAGIELDAQTAK VSQGGLVETSTTCKAGNORR + Carbamidomethyl (C) GETLGVFQLDGNGMEGLIR ADVERMEVETLLSGETDER TVAAFGGR
	31335625734 26662626462646464646464646464646464646	767.3696 77 673.7187 7653.7187 7653.7187 7653.7187 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123 7659.7123	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2893 1449.6405 2166.0263 2209.0759 2306.1689 1712.9057 2057.9147 2062.0630 2182.06310 2182.06312	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79 -0.37	1 0 0 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 1	7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 1e+003 1e+003 1e+003 4.2e+002 1e+003 8.3e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAARADETGEFFK DIVDEITVYDYNIEDVESTOQYK DPWELLLATLFVAALLR VGLVIKADIEDGYESGGLSGK DSTAELGQEALDLSVEFIR LADDLGAVSR DCLVRKVIGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVFTGLAMVFVNR SFAGLTMELGLEMPGEEANGSFGPLSR + 2 Oxidation (M) ENLCHOVPIVAVTANDSAMGOTHYLK + 2 Oxidation (M) TQDSIDADMEARA + Oxidation (M) VILVMENNSSVESDSDENNK LAVDMFNEGLIDEKEALMR + Oxidation (M) EASIVAQAGKYGAVTVATNHAGR RAIGEAGIELDAQTAK VSGQLVETFSTTCEAGNGR + Carbamidomethyl (C) GETLGVPQLDGMGRSLLR ADVEAMENTILSGETDER
	313 350 2577 2844 466 466 1922 3044 349 350 2777 2777 2899 315 263 264 262 262 263 264 263 264 264 264 264 264 264 264 264 264 264	767,3696 767,3696 77 653,7187 767,0094,1110 753,722 754,723 754,723 754,723 754,723 754,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723 755,723	2299.0870 2841.2774 1958.1343 2198.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2290.0705 2306.1773 1712.9078 2057.9094 2052.0708 2182.0204 789.4500 2227.0813	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2893 1449.6405 2166.0263 2209.0759 2306.1689 1712.9057 2057.9147 2062.0630 2182.06310 2182.06312	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79 -0.41	1 0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 1 0 0 0 1 0 0 1 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.2e+003 2.9e+002 5.1e+003 1e+003 1e+003 1e+003 4.2e+002 1e+003 8.3e+002 1.5e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFFK DIVDEITVYDTMIEDVEVTDQTK DPWFLILATLFVAALLR VGLVIKADIEPQYESOGISGK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVKEVTLGSTEGR + Carbamidomethyl (C) DCMLLLAIGTVETGLAMFVENR SPAGLIMELGLEMPGERANGSFGELSR + 2 Oxidation (M) ENLICHOVETVHVTANDSAMGTMYLK + 2 Oxidation (M) ENLICHOVETVHVTANDSAMGTMYLK + 2 Oxidation (M) VILVMENNSSVESDSSDENN LAVUMPNSGLIDEKEALUR + Oxidation (M) EAELVAQAGEVAGVATVTANMAGR RAIGEAGIELDAQTAK VSQGGLVETSTTCKAGNORR + Carbamidomethyl (C) GETLGVFQLDGNGMEGLIR ADVERMEVETLLSGETDER TVAAFGGR
	313 350 257 284 466 466 192 257 304 334 335 277 277 277 289 315 263 263 264 282 282 282 283 283 283 283 284 285 285 285 285 285 285 285 285 285 285	767.3696 77 673.7187 653.7187 66 1094.1110 75 1047.025 75 208.7723 75 208.7723 75 725.8257 76 1084.0220 77 725.8257 76 1084.0220 77 75516	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2933 1449.6368 2166.0294 2299.0705 2306.1773 1712.9078 2057.9094 2057.9094 2057.9094 2057.9094 2057.9094 2057.9094 2057.9094 2057.9094	2075.8858 2299.0790 2841.2756 1958.1393 2106.2059 2092.0324 1015.5298 1581.7993 2270.2457 2882.2997 2840.2853 2490.0759 2306.1689 1712.9097 2057.9147 2062.0630 2182.0630 2182.0722 789.4497 2227.0725 2335.1265	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79 -0.37 0.41 3.93 0.42	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 1.2e+003 2.1e+003 2.9e+002 5.2e+002 9e+002 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCARATTHARARDETGEFFK DIVDEITYDTNIEDVESTOCK DPWFLILATLFVAALLR VGLYTKANIEDFYESGOLSGK DSTAELGGEALDLSVEFIR LADDLGAVSE DCLYRRVIGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVETGLAMMFVNR SPAGLTMELGLEMGERANGSPGPLSR + 2 Oxidation (M) ENLCHOPYLTWITANDSAMDGTMYLK + 2 Oxidation (M) IQDBIDADMEARA + Oxidation (M) VILTMENSSYSTSSDSNNK IAVUMPNSGLIDEREALUR + Oxidation (M) EAEIVAQAGKYGAVTVATNHAGR RAIGEAQITELDAQTAK VSGGLUETFSTTCEAGNGR + Carbamidomethyl (C) GETLGFVGLORGMERLIR ADVEAMEVRTLLSGEYDER IVAAFOGR QIMDDSMUNIAGRAIQLGPK + 2 Oxidation (M)
	3133502 257772 26664 19222 3044 35002 35002 27772 2133 2133 2633 2644 2622 2632 2632 2632 2632 26	767,3696 12 767,3696 15 1421,6460 17 653,7187 16 1094,1110 15 508,7723 15 528,27723 14 1136,1340 12 1415,1530 13 947,7717 11 725,8257 16 1084,0257 16 1084,0257 16 1084,0257 16 28 857,4612 13 1029,9620 16 688,688 195,7323 17 743,3677 1743,3677 1743,3677	2299.0870 2841.2774 1958.1343 2186.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708 2182.0204 789.4550 227.0813 2355.1274	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 20306.1689 1712.9057 2057.9147 2062.0630 2182.0212 789.4497 2227.0725 2355.1265	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79 0.41 3.93 0.42 -2.65	1 1 0 0 0 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 2.1e+003 2.9e+002 5.1e+003 2.9e+002 4.4e+002 9e+002 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKYTFHAAEADETGEFFK DIVDEITVYDTNIEDVYEYDQYK DPWFLILATLFVAALLR VGLVYLADIEPQYESGGJGK BSTAELGGEALDLSVEFIR LADDLGAVER DCLVEVYLGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVETGLAMMFVNR SFAGLTMELGEMRGEENAGSFGLSR + 2 Oxidation (M) ENLCHOVEIVHYTANDSAMGTMYLK + 2 Oxidation (M) INCHONEIVHYTANDSAMGTMYLK + 2 Oxidation (M) VILLWHNNSSVENSSGBNNK LAVDMPNGLIDEREALMR + Oxidation (M) EAETVAQAGKYGAVTVATNAGGR RAIGHAGLELDAQTAK VSGGGLVEFFSTTCTAGNGR + Carbamidomethyl (C) GETLGVFGLDGGGMSLLR ADVEAMENTLLSGEYDER IVAAFGGR VGMUNDSMDIHAGRAIQLGFK + 2 Oxidation (M) GVECULFGEGGLTPSSTTTTMK + Carbamidomethyl (C)
	3133502 25772 28446 4666 1922 26772 30443 3550 27772 27772 2873 2633 26446 2822 2933 3266 2822 2933 3266 2822 2933 2944 2946 2946 2946 2946 2946 2946 2946	767,3696 77 673,3696 77 653,7187 66 1094,1110 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 1042,1340,1340 75 77,7515 75 77,5516 76 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612 78 78,74612	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 155.5300 125.70.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708 2057.9094 20227.0813 2355.1274 1533.8296	2075.8858 2299.0790 2841.2756 1958.1393 2186.2099 2092.0324 1015.5298 1581.7993 2270.2457 2828.2997 2820.2997 2306.1689 1712.9095 2052.0630 2182.0212 799.497 2270.7025 2327.0725 2327.0725 2333.337 2206.0212	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79 -0.37 0.41 3.93 0.42 -2.65 1.26	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 9e+002 1e+003 1e+003 1e+003 8.3e+002 1.8e+003 1.8e+003 1.8e+003 9.3e+002 1.8e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCARAVTPHAREADETGEFFK DIVDEITVYDTNIEDVEWIDGYK DPWELLIATLFVAALLR VGLVIKADIEDYESGYDGK DSTAELGGEALDLSVEFIR LADDLGAVER LADDLGAVER LADDLGAVER LADDLGAVER LADDLGAVER ESPAGLIMEGLEMMGERANGSFGELSR + 2 Oxidation (M) ENLICHOVETVANTANDSAMGGTMYLK + 2 Oxidation (M) IQDSIDADMEAR + Oxidation (M) VILVMENNSCVESDSDENNK LAVUMPNSGLIDEKEALUR + Oxidation (M) EARLYADAGKOVATVATANAGR RAIGEAQUELDAQTAK VSQGLVETFSTICEACNGR + Carbamidomethyl (C) GETLGVVGLDGNGRELLR ADVEAMEVERTLISGEVEDER TVAAFGGR QTMDDSMDIHAGRAIQLGFK + 2 Oxidation (M) GVEGVLPGEGCLTPSSTITTTNK + Carbamidomethyl (C) NSHLOGSVEVAMLK
	31335025732844664646464646464646464646464646464646	767.3696 77 673.7187 7653.7187 7653.7187 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 7650.7723 77250.7723	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 2449.6368 2166.0294 2299.0705 2306.1773 1712.9078 2057.9094 789.4500 2227.0813 2355.1274 1533.8296 2221.0354	2075.8858 2299.0790 2841.2756 1958.1393 2166.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2653 2166.0263 2209.0759 2306.1689 1712.9057 2057.9147 2062.0630 2182.0212 799.4497 2227.0725 2355.1265 1533.8337 2206.0212 2221.0355	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.79 -0.37 0.41 3.93 0.42 -2.66 -0.02	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 0 0 1 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1.8e+003 1.8e+003 1.8e+002 8.3e+002 8.4e+002 8.4e+002 8.4e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECTLCACCSTACPA EVCAAKVTFHAAEADETGEFFK DIVDEITVYDTNIEDVYETYDYK DPWFLILATLFVAALLR VGLVIKADIEPGYESGGISGK DSTAELGGEALDLSVEFIR LADDLGAVSR DCLVKRVTGSTSGR + Carbamidomethyl (C) DCMLLLAIGTVFTGLAMMFVNR SFAGLTMELGLEMFGEENAGSFGFLSR + 2 Oxidation (M) ENLICHOVETVHOTANDSAMGGTMYLK + 2 Oxidation (M) INDSICHAMMSAAF + Oxidation (M) VILVMPNNSVFSDSSDNNK IAVUMPNNSUFSDSSDNNK IAVUMPNNSUFSDSSDNNK IAVUMPNNSGLIDEREALUR + Oxidation (M) EAELVAQAGKVAOTVATANAGR RAIGEAGIELDAGTAK VSGGGLVETFSTTCKACNGR + Carbamidomethyl (C) GETLGVFQLDGNGMRSLLR ADVERMEVRILSGETDER IVAAFGGR QTMDDSMDTHAGRAIQLGFK + 2 Oxidation (M) OVSCULFGEGGLTSSTTTTNK + Carbamidomethyl (C) NSHLIGSFVSDAMLK EGGRLIDLFISATOEDENK TOSSPSSSSSMMSLGGGFFVK
	31133502 25772 284466 4666 4666 4666 4666 4666 4666 4	767,3696 77 673,3696 77 653,7187 76 1094,1110 75 508,7723 75 508,7723 75 508,7723 75 508,7723 75 1084,034 75 1084,034 75 1084,034 75 1084,034 75 1084,034 75 1084,034 75 1084,034 75 1084,034 75 1084,034 77 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677 743,3677	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1035.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2182.0204 799.4500 2227.0813 2335.1274 1533.8296 2260.0240 2221.0354	2075.8858 2299.0790 2841.2756 1958.1393 2186.2099 2092.0324 1015.5298 1581.7993 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 209.0759 2306.1689 1712.9057 2062.0630 2182.0212 789.4497 2227.0725 2355.1265 1533.8387 2221.0355	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 -2.43 3.67 -2.53 3.79 0.41 3.93 0.42 -2.65 1.26 -0.02 3.24	1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002 5.1e+002 9e+002 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+004 1e+004 1e+004 1e+005 1e+00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCARAVTHEARADETGEFFK DIVDEITYPTNIEDVENTOUT DPWFLILATLFVALLE VGLVIKADIEPOYESGOLSGK DSTAELGGEALDLSVEFIR LADDLGAVER LADDLGAVER LADDLGAVER LADDLGAVER CLURVIGSTEGR + Carbamidomethyl (C) DGNLLLAIGTVETGLANMFVNR SPAGLTMELGLEMGGERANGSFGELER + 2 Oxidation (M) ENLCHGVPIVMVTANDSAMDGTMYLK + 2 Oxidation (M) VILVMENNSSVESDSSDNNK LAVENNENGLIDEREALER + Oxidation (M) EREIVAQAGKYGANTVATNMAGR RAIGEAGIELDAGTAK VSGGLVETFSTICEAGNER + Carbamidomethyl (C) GETLGVFGLORGMERLER ADVEAMEVRTLLSGEYDER IVAAPGGR QIMDDSMDHAGRAIQLGFK + 2 Oxidation (M) GVEGVLFGEGGLTPSSTITTTNK + Carbamidomethyl (C) NSHLIGSFVAMLK EGELHOLFISATDEEDTHK TCGSPSSSSSSFMGSLGSGKPFVK KMLNVYIMAGKR + 2 Oxidation (M)
	31133502 25772 28446 466 1922 2777 2835 3153 2644 2822 293 3266 2822 293 3264 2882 291 1083 312	767.3696 77 673.7187 7653.7187 7653.7187 7653.7187 7654.7120 7655.7287 7657.723 7657.723 7657.723 7657.723 7657.723 775.725 777.551 775.725 777.551 775.725 777.551 775.725 777.551 775.725 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551 777.551	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2052.0708 2152.0204 779.4500 2227.0813 2325.1274 1533.8296 2226.0240 2221.0354	2075.8858 2299.0790 2841.2756 1958.1393 2166.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1669 1712.9057 2057.9147 2062.0630 2182.0212 789.4497 2227.0725 2355.1265 1533.837 2206.0322 2221.0355 1248.6570	-1.14 3.45 0.64 -2.58 0.71 -3.33 -0.42 3.42 -2.91 2.80 -2.55 1.46 -2.43 3.66 1.27 -2.53 3.7 0.41 3.93 0.42 -2.65 1.26 -0.02 3.24 1.55	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 1.e+003 1.e+	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTFHAAEADETGEFFK DIVDEITVYDTNIEDVYETPQYK DPWFLIAATLFVAALLR VGLVIKADIEPYESGGJGK BSTAELGGEALDLSVEFTR LADDLGAVER DCLVEVYLGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVETGLAMVFVNR SFAGLTMELGEMRGEENAGSFGLSR + 2 Oxidation (M) ENLICHOVEIVMYTANDSAMGGTMYLK + 2 Oxidation (M) INCHICHOVEIVMYTANDSAMGTMYLK + 2 Oxidation (M) VILVMPNNSSVENSSGBNNK LAVDMPNEGLIDEKEALMR + Oxidation (M) EAELVAQAGKYGAVTVATNAGR RAIGHAGLELDAQTAK VSGGGLVEFFSTTCEACNGR + Carbamidomethyl (C) GETLGVFGLDGGGMEBLIR ADVEAMEWRTLLSGEYDER IVAAFGGR QTMDDSMDIHAGERAIQHFK + 2 Oxidation (M) GVECULFGEGGLTPSSTTTTTHK + Carbamidomethyl (C) NSHLIGSFVFAMLK KERLHDLSTSATDEEDTHK TCGSPSSSSSSSPMGSLGSGKPPVK MALNVVIMAAGK + 2 Oxidation (M) VELLMMLGSFSSTSSPMGSLGSGKPPVK MALNVVIMAAGK + 2 Oxidation (M)
	3133502 25732 28446 466 1922 30443 3349 3502 2777 2899 3153 2643 2822 2822 2933 326 3264 466 2822 2933 3263 3263 3263 3263 3263 3263 32	767,3696 12 767,3696 15 1421,6460 17 653,7187 16 1094,1110 15 508,7723 15 528,2772 14 1136,1340 12 1415,1530 13 947,7717 11 725,8257 16 1084,0257 16 1084,0257 16 1084,0257 16 1084,0257 17 743,3641 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323 18 395,7323	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708 2182.0204 789.4500 2227.0813 2355.1274 1533.8296 2260.0240 2221.0384 1248.6610 2290.1849	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.602 20306.1689 1712.9057 2057.9147 2062.0630 2182.0212 789.4497 2227.0725 2355.1265 1533.8337 2206.0212 2221.0355 1248.6570 2290.1814 1370.7591	-1.14 3.45 0.64 -2.58 0.71 3.33 0.23 -0.42 -2.91 2.80 -2.43 3.79 -0.37 0.41 3.79 -0.37 0.41 -2.65 -0.62 -0.02 3.24 -0.02 3.24 -0.02 3.24 -0.02	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 9e+002 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 7.8e+002 1.8e+003 1e+003 1e+003 8.3e+002 1.8e+003 1.8e+003 1.8e+003 8.4e+002 1.3e+003 8.4e+002 1.3e+003 8.6e+002 1.2e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTFHAARADETGEFFK DIVDEITVYDTNIEDVEWIYDYK DPWELLIATLFVAALLR VGLVIKADIEDYESGJOSK DSTAELGGEALDLSVEFIR LADDLGAVSR CLVERVIGSTEGR + Carbamidomethyl (C) DGNLLLAIGTVETGLAMMFVNR SFAGLIMELLGEMYGENAUSFGFLSR + 2 Oxidation (M) ENLCHGVPIVAVTANDSAMDGTMYLK + 2 Oxidation (M) IQDSIDADMEARAR + Oxidation (M) VILVMENNSEVSDSSDENK IAVDMENSEGIDEREALUR + Oxidation (M) EREIVADGASVAGATVATMAGGR RAIGEAQIELDAQTAK VSGGLVETFSITCRAGNGR + Carbamidomethyl (C) GETLGVFGLOGNGMESLIR ADVEAMEVRTLISGETDER IVAAFGGR QIMDDSMDIHAGRAIGLGFK + 2 Oxidation (M) GVEGVLFGKGLTSSTITTINK + Carbamidomethyl (C) NSHLIGSFVBAMLK EGGLHBULFISSTITTINK + Carbamidomethyl (C) NSHLIGSFVBAMLK EGGRHBULFISSTITTINK + Carbamidomethyl (C) NSHLIGSFVBAMLK EGGRHBULFISSTITTINK + Carbamidomethyl (C) NSHLIGSFVBAMLK EGGRHBULFISSTITTINK + CARBAMIDOMETHYL EGGRHBULFISATDEEDTMK TCGSFPSSSSSFWOSLGGGGRFVK MALNVVIMAAGK + 2 Oxidation (M) VETLHIBLSGRADGQUVYMK + 2 Oxidation (M) LEVELGIBLESME
	31335025772 284461 1922263 30443 34935 2673 3152 2633 32642 2822 2933 3263 32642 2888 3123 3263 3263 3263 3263 3263 3263 3263	767.3696 77 653.7187 66 1094.1110 71 1047.0200 75 508.7723 75 508.7723 75 1047.0200 75 508.7723 75 1047.7017 75 1047.7017 75 1047.7017 75 1047.7017 75 1047.7017 75 1047.7017 75 1047.7017 76 77 75.516	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 155.5300 125.70.2534 2828.2914 2840.2933 1449.6368 2166.0294 2209.0705 2306.1773 1712.9078 2057.9094 2062.0708 2057.9094 2062.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2052.0708 2057.9094 2057.0708 2057.9094 2057.0708 2057.9094 2057.0708 2057.	2075.8858 2299.0790 2841.2756 1958.1393 2186.2099 2092.0324 1015.5298 1581.7993 2270.2457 2882.2997 2840.2853 2290.0759 2306.1689 1712.9057 2057.9147 2062.0630 2182.0212 799.4497 2227.0725 2325.1265 2327.0725 2355.1265 2338.297 248.697 2590.1814 1370.7591 1248.6570 2290.1814 1370.7591	-1.14 3.45 0.64 -2.58 0.71 -3.33 0.23 -0.42 -2.91 2.55 1.46 1.27 -2.53 3.79 -0.37 3.66 1.27 -0.37 3.66 1.27 -0.37 1.26 -0.21 1.26 -0.24 1.55 -0.27 1.26 -0.21	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.9e+002 5.1e+002 2.9e+002 1.9e+002 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.9e+003 1.3e+002 1.3e+002 1.3e+002 1.3e+003 3.3e+002 1.3e+003 3.3e+002		KLDGLYECILCACCSTACPA EVCAAKVTFHAAEADETGEFFK DIVDEITVIPNIEDVYENDUK DPWELLIATLFVAALLR VGLVIKADIEPVSEGJGSK DSTAELGGEALDLSVEFTR LADLGAVE DCLVRVYLGSTSGR + Carbamidomethyl (C) DGNLLLAIGTVEVGLAUMFVNR EVALUTHEALGEMAGERANGSGELSR + 2 Oxidation (M) ENLICHGVEIVMYTANDSAMGGTMYLK + 2 Oxidation (M) ENLICHGVEIVMYTANDSAMGGTMYLK + 2 Oxidation (M) VILVMPNNSSVENDSDENNK LAVDMPNEGLIDEKEALMR + Oxidation (M) EAGIVAAQAGEVGAVTVATNAGER RAIGEAQIELDAQTAK VSGGLVEFFSTTTCAENGRR + Carbamidomethyl (C) GGTLGVFGLDGGGMSBLUR ADVEAMEWFILLSGEYDER IVAAPGGR QIMDDSMDIHAGRAIQLGPK + 2 Oxidation (M) GVECVLFGEGGLTPSSTTTTINK + Carbamidomethyl (C) NSHLIGSFVPAMLK EGGLHGHISTATDEEDTHK TCGSPSSSSSSSMGSLGGKPVK MALNVVIMAGK + 2 Oxidation (M) VEILIMLSGFADOQULVMK + 2 Oxidation (M) LKPLGTDLESME
	313350257732 28446192 266623 30443 35002 27772 2893 3152 26442 2822 2822 2823 3226 2822 2833 3226 2833 3226 3312 3312 3312 3312 3312 3312 33	12 767.3696 12 767.3696 15 1421.6460 17 653.7187 16 1094.1110 15 508.7723 15 508.7723 15 508.7723 15 136.1340 12 1415.1530 13 947.7717 15 725.8257 16 1084.0257 16 1084.0257 16 1084.0257 16 28 857.4612 13 1029.9620 16 88.3642 17 73.3677 18 1178.5710 16 767.9221 17 736.3486 17 773.5358 18 457.9260 18 457.9260 19 573.5535 18 457.9260	229.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2828.2914 2820.2031 1112.9078 2052.008 2182.0204 789.4500 227.0813 2355.1274 1533.8296 2260.0240 2221.0354 1248.6610 2221.0354 1248.6610 2221.0354	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7993 2270.2457 2828.2997 2840.2853 249.6405 2166.0263 229.0759 2306.1669 212.9057 2057.9147 2062.0630 2182.0212 789.4497 227.0725 2355.1265 1533.8337 2206.0212 2221.0355 1248.6570 2221.0355 1248.6570 2221.0355 1248.6570 2221.0355 1248.6570 2317.2518	-1.14 3.45 -0.64 -2.58 -0.72 3.42 -2.91 3.42 -2.91 3.62 -2.55 -1.27 -0.37 0.41 3.60 -0.42 -2.65 -0.37 0.41 -1.01 -1.01 -1.01	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+004 2.2e+002 1.8e+002 7.8e+002 8.3e+002 1.8e+003 1.8e+003 1.8e+003 1.8e+003 1.8e+003 8.3e+002 1.3e+003 8.3e+002 1.3e+003 8.3e+002 1.3e+003 8.3e+002 1.3e+003 8.3e+002 1.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003 8.3e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KLDGLYECILCACCSTACPA EVCAAKVTPHAAEADETGEFFK DIVDEITVYDTNIEDVYSTDYK DPWFLILATLFVAALLR VGLVIKADIEPGYSSOGISGK DSTAELGOEALDLSVEFIR LADDLGAVSR DCLVKVYLGSTEGR + Carbamidomethyl (C) DONLLLAIGTVYFGLAMFVNN SFAGLIMELGLEMFGERANGSFGLSR + 2 Oxidation (M) ENLICHOVETVHOTANDSAMGTMYLK + 2 Oxidation (M) IQDSIDADMEARA + Oxidation (M) VILVMENNSSVESDSSDENN LAVUMPNSGLIDEKEALUR + Oxidation (M) EAELVAQAGKVAGTVATANAGR RAIGEAGIELDAQTAK VSGGLUETSFTTCKAGNGR + Carbamidomethyl (C) GETLGVFQLDGNGMRELLR ADVEAMEVRTLISGETDER TVAAFGGR QTMDDSMDIHAGRAIGLOFK + 2 Oxidation (M) OVEGVLVEGGLTSSTTTTNK + Carbamidomethyl (C) NSHLIQSPYBALK EGKHAUDLYISATDEEDTMK TCGSFSSSSSSMGSLGGSGFPVK MAINVYLMAGK + 2 Oxidation (M) VELLMELSGEROGVLVYMK + 2 Oxidation (M) LKPLGIDLESMR MNOTGHANEGVUGR + Oxidation (M) IMPLEDIGLESMR
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	3133563 35662 2844 464 3044 3459 3152 2777 2133 2282 2412 2412 2542 2646 2777 277	767,3696 12 767,3696 13 1421,6460 17 653,7187 16 1094,1110 15 508,7723 15 508,7723 15 508,7723 15 1136,1340 12 1415,1530 13 947,7717 16 725,8257 16 1084,025 16 373,3641 17 373,3641 17 374,3677 18 395,7323 17 143,3677 18 395,7323 17 143,3677 18 395,7323 17 143,3677 18 395,7323 17 173,3677 18 395,7323 17 173,3677 18 395,7323 17 743,3677 18 395,7323 17 743,3677 18 395,7323 19 743,3677 19 373,3641 10 384,067 19 385,7323 10 76,377 10 76,	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1015.5300 1581.7927 2270.2534 2828.2914 2828.2914 2829.0705 2306.1773 1712.9078 2057.9094 2062.0708 2182.0204 789.4500 2227.0813 2355.1274 1533.8296 226.0200 2221.0381 2355.1274 1533.8296 226.0200 221.0301 2355.1274 1533.8296 226.0200 221.0313 2355.1274 1533.8296 126.9200 221.0354 1248.6610 2290.1849 1271.9750 1712.0089 1712.0089 1712.0089 1712.0089 271.9606 977.5702	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1496.6026 2209.0759 2306.1689 772.9057 2057.9147 2062.0630 2182.0212 789.4497 227.0725 2335.1265 2535.1265 2535.1265 2535.1265 2535.1265 2531.2516 2531.2518	-1.14 3.45 -2.58 -0.64 -2.58 3.42 -2.63 -0.42 3.42 -2.80 -2.55 -2.15 3.66 1.27 -0.37 3.79 -0.37 -0.41 3.93 -0.42 -2.65 -2.15 -1.26 -1.26 -1.27 -1.01 -1.88 -2.53 -2.17 -1.01 -1.68 -2.16 -2.65 -2.16 -2.63 -2.17 -1.01 -2.75 -2.16 -2.63 -2.16 -2.63 -2.17 -1.01 -2.75 -2.16 -2.63 -2.17 -1.01 -2.75 -2.16 -2.16 -2.63 -2.17 -1.01 -2.75 -2.16 -2.16 -2.16 -2.16 -2.16 -2.16 -2.16 -2.16 -2.16 -2.17 -2.17 -1.01 -2.15 -2.16 -2.16 -2.16 -2.16 -2.16 -2.17 -2.17 -1.01 -2.15 -2.16 -	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 1.e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1.5e+002 1.8e+002 7.8e+002 8.4e+002 1.2e+003 1.2e+003 8.9e+002 1.2e+003 3.9e+002 1.2e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003		KLDGLYECTLCACCSTACPA EVCARAVTPHAREADETGEFFK DIVDEITYTPINIEDVENTOCK DPWFLILATLFVAALLR VGLVIKADIEPGYESGGISGK DSTAELGGEALDLSVEFIR LADDLGAVER DCLVRVYLGSTEGR + Carbamidomethyl (C) DONLLLAIGTVETGLAMMFUNR SPAGLIMELGLEMPGERANGSFGELSR + 2 Oxidation (M) ENLICHOVETVHOTANDSAMGTMYLK + 2 Oxidation (M) IQDSIDADMEAR + Oxidation (M) VILVMENNSSVESDSSDMNN LAVUMPNNSGLIDEKEALUR + Oxidation (M) EARLVAQAGKVAGATVATANAGR RAIGEAGIELDAQTAK VSGGLUETSTTICKAGNGR + Carbamidomethyl (C) GETLGVFQLDGNGMRELLR ADVEAMEVERTLSGEFDER TVAAFGGR QTMDDSMDIHAGRAIGLEFF + 2 Oxidation (M) OVEGULFGGGTFSSTTTTNK + Carbamidomethyl (C) NSHLIQSPYPAMLK EGKHANDLY IS ATDEEDTMK TCGSFSSSSSMOSLGGGGFDVK MAINVYLMAAGK + 2 Oxidation (M) VETLIMLSGERGQVLVYMK + 2 Oxidation (M) LKPLGJDLESMR MNGTGHAYEGYGR + Oxidation (M) LKPLGJDLESMR MNGTGHAYEGYGR + Oxidation (M) LKPLGJDLESMR MNGTGHAYEGYGR + Oxidation (M) STILNYAMJGGTONICHTUR RLAARGGBARMSVLGAMLLR + 2 Oxidation (M) STILNYAMJGGTONICHTUR RLAARGGBARMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGGAMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGERMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGERMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGERMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGMSFAMSVLGAMLLR + 2 OXIDATION (M) VFCRCRARGMSFAMSVLGAMLR + 2 OXIDATIO
	31333567 28444 4642 2844 4642 2844 4642 2842 2842 2842 2842 2842 2842 2842 2842 2842 2842 2842 2842 2842 2844 2842 2844 2842 2844 2842 2844 2842 2844 2842 2844 2	12 767.3696 12 767.3696 13 1421.6460 17 653.7187 16 1094.1110 15 508.7723 16 1094.1110 15 508.7723 16 12 1136.1340 12 1415.1530 13 947.7717 11 725.8257 16 1084.0220 16 737.3641 17 73.3641 17 743.3677 18 17 743.3677 18 18 395.7323 19 17 743.3677 19 11 725.8257 10 688.3642 10 688.3642 10 775.515 10 88.3642 10 688.3642 10 688.3642 11 77 743.3677 11 11.5250 10 18 625.3378 10 18 625.3378 10 18 625.3378 11 1084.0980 17 73.4224 18 569.7758 11 1084.0980 17 17 34.224 18 569.7758 11 1084.0980 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1031.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2290.9705 2306.1773 1712.9078 2057.9094 2052.7084 2227.0813 2335.1274 1533.8296 2227.0813 2355.1274 1533.8296 2227.0813 2355.1274 1533.8296 2227.0813 2355.1274 1533.8296 2210.0344 1217.5373 2166.1814 2176.0933 2478.2773 1740.8995 1823.0160 1360.7590 1712.09896 967.5702	2075.8858 2299.0790 2841.2756 1958.1393 2166.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1449.6405 2166.0263 2209.0759 2306.1689 1712.9057 2057.9147 2057.9	-1.14 -2.58 -0.64 -2.58 -0.71 -3.33 -0.42 3.42 -2.91 2.80 -2.91 3.66 -2.43 3.79 -0.41 3.93 -0.42 -2.65 -0.02 3.79 -0.41 1.58 -2.67 -1.66 -1.27 -1.61 -1.88 -1.66 -1.66 -1.79 -1.68 -1.66 -1.66 -1.79 -1.68 -1.66 -1.79 -1.69 -	1 1 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+002 1.2e+003 2.1e+003 2.9e+002 5.2e+002 1.e+003 1e+0		KLDGLYECILCACCSTACPA EVCARAVTHEARADETGEFFK DIVDEITYPTNIEDVESTPOYK DPWELLIATLFVAALLR VGLYHKADIEPQYESOGISCK DSTAELGGEALDLSVEFIR LADDLGAVER LADDLGAVER LADDLGAVER LADDLGAVER CLUMPYVISTEGE + Carbamidomethyl (C) DCMLLLAIGTVETGLAMMFVNR SFAGLTMELGLEMPGERANGSFGFLER + 2 Oxidation (M) ENLCHGVPIVENTANDSAMDGTMYLK + 2 Oxidation (M) VILVMENNSSVESDSDENNK LADVENNSGLIDEKEALUR + Oxidation (M) ERETUAQAGKANTVATNAMAGR RAIGEAQIELDAQTAK VSGGLVETFSTICEAGNER + Carbamidomethyl (C) GETLGVFGLORGMEBLIR ADVEAMEVRTLLSGEYDER TVAAFGGR QIMDDSMDIHAGRAIQLGPK + 2 Oxidation (M) GVECVLFGEGGLTSSTITTTKK + Carbamidomethyl (C) MSHLIGSFVABALK EGRIHOLFISATDEEDTIKK TCGSPSSSSSFMGSLGSGGFPVK MALNVYLMAAGK + 2 Oxidation (M) VEILMHLSGRADGQULVYMK + 2 Oxidation (M) LEFLIGIBLESME MMGTGHAYEGYYGR + Oxidation (M) STITUVAVLGGTONIGTHIVR RLAARGAGGRSVUCAMLER + 2 Oxidation (M) SYEVERPAYMYCULAVLGSVPR + Oxidation (M) SYEVERPAYMYCULAVLGSVPR + Oxidation (M) VEYCREAAFGGR + Oxidation (M) SYTUTYAVLGGTONIGTHIVR RLAARGAGRASVUCAMLER + 2 Oxidation (M) VEYCREPAYMYCULAVLGSVPR + Oxidation (M) VETURIALDLANHERPOLITE VXAMORGADLITER VXAMORGADLANTER VXAMORGADLA
	3133563 35662 2844 464 3044 3459 3152 2777 2133 2282 2412 2412 2542 2646 2777 277	12 767.3696 12 767.3696 13 1421.6460 17 653.7187 16 1094.1110 15 508.7723 16 1094.1110 15 508.7723 16 12 1136.1340 12 1415.1530 13 947.7717 11 725.8257 16 1084.0220 16 737.3641 17 73.3641 17 743.3677 18 17 743.3677 18 18 395.7323 19 17 743.3677 19 11 725.8257 10 688.3642 10 688.3642 10 775.515 10 88.3642 10 688.3642 10 688.3642 11 77 743.3677 11 11.5250 10 18 625.3378 10 18 625.3378 10 18 625.3378 11 1084.0980 17 73.4224 18 569.7758 11 1084.0980 17 17 34.224 18 569.7758 11 1084.0980 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2299.0870 2841.2774 1958.1343 2166.2074 2092.0254 1031.5300 1581.7927 2270.2534 2828.2914 2840.2933 1449.6368 2166.0294 2290.9705 2306.1773 1712.9078 2057.9094 2052.7084 2227.0813 2335.1274 1533.8296 2227.0813 2355.1274 1533.8296 2227.0813 2355.1274 1533.8296 2227.0813 2355.1274 1533.8296 2210.0344 1217.5373 2166.1814 2176.0933 2478.2773 1740.8995 1823.0160 1360.7590 1712.09896 967.5702	2075.8858 2299.0790 2841.2756 1958.1393 2186.2059 2092.0324 1015.5298 1581.7933 2270.2457 2828.2997 2840.2853 1496.6026 2209.0759 2306.1689 772.9057 2057.9147 2062.0630 2182.0212 789.4497 227.0725 2335.1265 2535.1265 2535.1265 2535.1265 2535.1265 2531.2516 2531.2518	-1.14 -2.58 -0.64 -2.58 -0.71 -3.33 -0.42 3.42 -2.91 2.80 -2.91 3.66 -2.43 3.79 -0.41 3.93 -0.42 -2.65 -0.02 3.79 -0.41 1.58 -2.67 -1.66 -1.27 -1.61 -1.88 -1.66 -1.66 -1.79 -1.68 -1.66 -1.66 -1.79 -1.68 -1.66 -1.79 -1.69 -	1 1 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.3e+002 8.5e+002 4.4e+002 1.1e+002 3.1e+003 2.1e+003 2.9e+002 5.2e+002 4.4e+002 1.e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1e+003 1.5e+002 1.8e+002 7.8e+002 8.4e+002 1.2e+003 1.2e+003 8.9e+002 1.2e+003 3.9e+002 1.2e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003 3.9e+002 1.1e+003		KLDGLYECTLCACCSTACPA EVCARAVTPHAREADETGEFFK DIVDEITYTPINIEDVENTOCK DPWFLILATLFVAALLR VGLVIKADIEPGYESGGISGK DSTAELGGEALDLSVEFIR LADDLGAVER DCLVRVYLGSTEGR + Carbamidomethyl (C) DONLLLAIGTVETGLAMMFUNR SPAGLIMELGLEMPGERANGSFGELSR + 2 Oxidation (M) ENLICHOVETVHOTANDSAMGTMYLK + 2 Oxidation (M) IQDSIDADMEAR + Oxidation (M) VILVMENNSSVESDSSDMNN LAVUMPNNSGLIDEKEALUR + Oxidation (M) EARLVAQAGKVAGATVATANAGR RAIGEAGIELDAQTAK VSGGLUETSTTICKAGNGR + Carbamidomethyl (C) GETLGVFQLDGNGMRELLR ADVEAMEVERTLSGEFDER TVAAFGGR QTMDDSMDIHAGRAIGLEFF + 2 Oxidation (M) OVEGULFGGGTFSSTTTTNK + Carbamidomethyl (C) NSHLIQSPYPAMLK EGKHANDLY IS ATDEEDTMK TCGSFSSSSSMOSLGGGGFDVK MAINVYLMAAGK + 2 Oxidation (M) VETLIMLSGERGQVLVYMK + 2 Oxidation (M) LKPLGJDLESMR MNGTGHAYEGYGR + Oxidation (M) LKPLGJDLESMR MNGTGHAYEGYGR + Oxidation (M) LKPLGJDLESMR MNGTGHAYEGYGR + Oxidation (M) STILNYAMJGGTONICHTUR RLAARGGBARMSVLGAMLLR + 2 Oxidation (M) STILNYAMJGGTONICHTUR RLAARGGBARMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGGAMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGERMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGERMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGERMSVLGAMLLR + 2 Oxidation (M) VFCRCRARGMSFAMSVLGAMLLR + 2 OXIDATION (M) VFCRCRARGMSFAMSVLGAMLR + 2 OXIDATIO

```
499.3001 996.5856 996.5855 0.12 1
         392.1993 782.3840
                           782.3819 2.75 1
                                                                          KCCIIF + Carbamidomethyl (C)
        1021.0110 2040.0074 2040.0000 3.67
        1163.0680 2324.1214 2324.1293 -3.38
                                                                          QNELSFNIATGNPICPKMFK + Carbamidomethyl (C); Oxidation (M)
        1174.0600 2346.1054 2346.1096 -1.78
                                                                          TSGLMALAQQQYGKCDIYQR + Carbamidomethyl (C); Oxidation (M)
        1130.0690 2258.1234 2258.1291 -2.49
                                                   7 1.1e+003
        551.9583 1652.8531 1652.8481 2.98
         384.6972 767.3798 767.3814 -1.97
         540.5173 2158.0401 2158.0472 -3.30
                                                                          AKASQCSLSLSLSTPFSLCLC
2761
         635.0938 2536.3461 2536.3368 3.66
                                                                          MNIFRFAGDMTHLCSIVVLLLK + Oxidation (M)
        1026.5140 2051.0134 2051.0133 0.08
                                                                          VTSISPGLVDTEMVPEAYK + Oxidation (M)
                                                                          FVTLMDTCASSYARDASTK + Carbamidomethyl (C); Oxidation (M)
☑ 2733
        1070.4890 2138.9634 2138.9613 1.02
        571.3121 1710.9145 1710.9161 -0.94 0
                                                   7 9.4e+002
                                                                          IGVTSMPPLGCLPAAIR + Oxidation (M)
         911.0106 1820.0066 1820.0044 1.25
2412
         703.3388 2106.9946 2107.0000 -2.56
                                                                          MLVGCEIVSVSAMTSHVDLT + Oxidation (M)
        1178.0950 2354.1754 2354.1763 -0.34
                                                                          MAQVAIAAKGSISAWVNTMFDK + Oxidation (M)
☑ 3266
         998.1464 2991.4174 2991.4075 3.31
                                                   7 8.5e+002
                                                                          VCIPCOIKVENOHDYODITSMVAMAF
        1143.6350 2285.2554 2285.2631 -3.34
                                                                          ILSILQTSLPLFAQEGLEGTR
        875.1071 2622.2995 2622.3087 -3.51
                                                                          RYAICFTPPMADPLSTVAASWIGR
                                                   7 1.1e+003
         934.0956 2799.2650 2799.2563 3.10
                                                   7 4.7e+002
                                                                          VTLPCGFMLVAAMNPCPCGYLGDPK + 3 Carbamidomethyl (C); 2 Oxidation (M)
                                                                          CLGNYLSAAAAQPGDMPGGRGR + Carbamidomethyl (C)
        1110.0270 2218.0394 2218.0371 1.04 1
                                                  7 9.2e+002
         743.3671 2227.0795 2227.0772 1.02
                                                   7 1.2e+003
                                                                          FPGYASMLTYISRTWQYK + Oxidation (M)
         587.8043 1173.5940 1173.5965 -2.05
                                                  7 9.4e+002
                                                                          VECKNGHIFK
         606.7637 1211.5128 1211.5097 2.61
                                                   7 4e+002
                                                                          CMQVLMANDR + 2 Oxidation (M)
         573.5529 2290.1825 2290.1879 -2.35
                                                   7 9.9e+002
                                                                          TLIGWNMVSSDISTEQIGVLK
         683.3646 1364.7146 1364.7122 1.80
                                                   7 1.5e+003
                                                                          TNLAAVCNYSAVK
        1133.0580 2264.1014 2264.1033 -0.81 1
                                                  7 1.1e+003
                                                                          ATDLNELPDKPTDTDHROAK
         632.7001 1895.0785 1895.0736 2.56
                                                                          GKAIIILNPVTPPMIMR + 2 Oxidation (M)
                                                   7 3.1e+002
         797.4112 2389.2118 2389.2060 2.41
                                                  7 1.2e+003
         670.4061 1338.7976 1338.7983 -0.48
                                                   7 3.8e+002
                                                                          T.T.T.AATTAGNT.NR
        1171.0680 2340.1214 2340.1276 -2.63
                                                  7 1.2e+003
                                                                          CTGYKPLIDAVMDAAAVMRGDK + Oxidation (M)
         937.7696 2810.2870 2810.2934 -2.28
                                                                          SMCCIVSVSWISNMGITAFATGIMTR + 2 Oxidation (M
                                                   7 6.4e+002
         731.3747 2191.1023 2191.1055 -1.48
                                                  7 1.2e+003
                                                                          LDVAINYERNGNMVINTOK
         781.4391 1560.8636 1560.8698 -3.91 0
                                                  7 7.1e+002
                                                                          MIAELGALLGFSAIR
         467.2573 1398.7501 1398.7507 -0.45 1
                                                  7 1.3e+003
                                                                          GAOYSSAFVTKIK
         771.7631 2312.2675 2312.2715 -1.74 0
                                                   7 4.5e+002
                                                                          IPVEQLGWAAAIAGGVMFILTR
        1180.6570 2359.2994 2359.3012 -0.75 1
                                                  7 3.3e+002
                                                                          VRPSI.ADVDI.RPYI.FVTKDR
        990.5201 1979.0256 1979.0251 0.25
                                                   7 1.1e+003
                                                                          LOKYVEDPTYTPDI.VAK
        1036.4940 2070.9734 2070.9722 0.58 1
                                                  7 9.9e+002
                                                                          MELNNRIGIPAMCTYMAK + Oxidation (M)
         720.3520 2158.0342 2158.0398 -2.63 1
                                                   7 1e+003
                                                                          IVSCPRDSAPELTCVDPATGK
  1912
         786.4344 1570.8542 1570.8501 2.65 1
                                                  7 9.6e+002
                                                                          SLHLLSKADTAMLR + Oxidation (M)
        919.4148 1836.8150 1836.8182 -1.70 0
                                                  7 5.2e+002
                                                                          MPSCAVHGOGSAHLACPR + Oxidation (M
        1217.1040 2432.1934 2432.1927 0.31 0
                                                  7 1.1e+003
                                                                          IVDGKPITEQMQDQNIALMEK + 2 Oxidation (M)
        516.2363 1030.4580 1030.4542 3.73
                                                   7 5.8e+002
                                                                          FYGMDRDK
         840.5013 1678.9880 1678.9869 0.71 1
                                                  7 1.4e+002
                                                                          QLKNLPELEILLEK

☑ 3111

        573.5526 2290.1813 2290.1818 -0.22
                                                   7 1e+003
                                                                          EAVHDYAEVNARPVOPLNLE
        1064.5070 2126.9994 2126.9976 0.87
                                                  7 9.4e+002
                                                                          RT.TDMEKUTANNOVETUR
☑ 3337
         802.7377 2405.1913 2405.1897 0.67
                                                   7 1.3e+003
                                                                          LINDTLEOTICTAFNSVHSTAK
         684.1068 2732.3981 2732.3949 1.15 0
                                                  7 9.8e+002
                                                                          ISVEGLTVEFGGFTLFDDISFVVNK
         679.8701 1357.7256 1357.7242 1.10 0
                                                   7 9e+002
                                                                          ARTDAVVEPTER
1564
         633.9779 1898.9119 1898.9118 0.05 1
                                                  7 1.2e+003
                                                                          LVKSMLCGTSDTDFRNK
         365.7209 729.4272 729.4272 0.00
                                                   7 3.3e+003
                                                                          TIGVSEL
         634.6840 1901.0302 1901.0267 1.83 1
                                                  7 8.8e+002
                                                                          MATUTNKAHCETUPLLK + Oxidation (M)
☑ 3355
         811.4171 2431.2295 2431.2203 3.77 1
                                                   7 1.3e+003
                                                                          CANADARTADANFANAFDARDDD
☑ 2668
        1049.5210 2097.0274 2097.0248 1.28 1
                                                  7 1.4e+003
                                                                          MIPTRAAPLGHASAACYPDR
        625.3384 1248.6622 1248.6602 1.68 0
                                                  6 1.3e+003
                                                                          LAVSFEVVEEK
         748.7377 2243.1913 2243.1990 -3.46 1
                                                  6 8.3e+002
                                                                          YPDTTASFI.GTFI.RAVDAFK
         895.1193 2682.3361 2682.3397 -1.34
                                                  6 1.1e+003
                                                                          NFASEGAAKVFITDEIIAQLMCAPK + Oxidation (M)
₹ 3409
         658.2875 1314.5604 1314.5584 1.56
                                                  6 2.9e+002
                                                                          QMMEIGYNADK + Oxidation (M)

    1668

         698.3068 1394.5990 1394.6024 -2.38
                                                  6 4.1e+002
                                                                          NDEGLCVYEEPK
         721.0404 2160.0994 2160.1051 -2.66 1
                                                  6 1 30+003
                                                                          IRAVHVIVGFNYSFGCHGK + Carbamidomethvl (C)
M 1919
         789.8415 1577.6684 1577.6681 0.22 0
                                                  6 2.9e+002
                                                                          NISYNCNNGGFYR + Carbamidomethyl (C)
953.1016 2856.2830 2856.2742 3.09
                                                  6 4.6e+002
                                                                          GENAGASVSPAPKPFADHLCNCAAAGCK + 3 Carbamidomethvl (C)
☑ 3373
        824.1320 2469.3742 2469.3743 -0.07 0
                                                  6 2.5e+002
                                                                          NTLNVPPPPPPPPLAPPLINENLR
W 3582
        1157.8790 3470.6152 3470.6123 0.84 0
                                                  6 6.5e+002
                                                                          MPPTTPVGDEASI,POSOOVGDDAPAPPAYTEME
                                                                          VLFEETCLPSKDVIMPIDLLK + Oxidation (M)
☑ 3347
        807.0989 2418.2749 2418.2790 -1.70
                                                  6 8e+002
         606.3696 1210.7246 1210.7285 -3.18 1
                                                  6 3.5e+002
                                                                          LPI-LDANTKVK
☑ 3003
        1127.5400 2253.0654 2253.0729 -3.32
                                                  6 1.1e+003
                                                                          MSSSSCASVQSAAASSVTVALGPR
                                                                          KSPLTEEYIVFDAGSGGMIDR + Oxidation (M)
W 3134
        576.0319 2300.0985 2300.0995 -0.42 1
                                                  6 1.2e+003
        1034.4750 2066.9354 2066.9435 -3.89 0
                                                                          LTAMGSSVPMSNEACAQVAK + Carbamidomethyl (C); Oxidation (M)
☑ 2644
                                                  6 7.1e+002
        1164.1480 2326.2814 2326.2870 -2.37 1
                                                  6 4.1e+002
                                                                          GEPVAGVVTAVAROVAALHAASPR
                                                                          OEVGTRTGQAMGHLAQSGPGGMIEVLDTMPASR + 2 Oxidation (M)
☑ 3571
        1138.8760 3413.6062 3413.6126 -1.89 1
                                                  6 7.3e+002
        729.8167 1457.6188 1457.6245 -3.90 1
                                                  6 4e+002
                                                                          VDEGSYOPSRCFA
        644.3613 1286.7080 1286.7082 -0.10
                                                                          EISLSPSLVGGTK
1230
                                                  6 1.3e+003
        1207.5610 2413.1074 2413.1114 -1.66 1
                                                  6 7.9e+002
                                                                          GMTACGKDSGNTTLGVFSNRPER + Oxidation (M)
☑ 2004
        550.2571 1647.7495 1647.7432 3.79 1
                                                  6 6.8e+002
                                                                          CRCLHGFVAAPDMR + Carbamidomethyl (C); Oxidation (M)
  162
         397.7059 793.3972 793.4004 -3.92 1
                                                  6 2.7e+003
                                                                          EKSATMK
        778.4040 2332.1902 2332.1984 -3.54 1
                                                                          SLTGTMPKSLYVEAIEOLLSH + Oxidation (M)
6 1.2e+003
         949.1022 2844.2848 2844.2868 -0.70 1
                                                  6 5.4e+002
                                                                          ESCAEVIKFVGSTSMDPMPDTGVLDK + Carbamidomethyl (C): 2 Oxidation (M)
        809.0837 2424.2293 2424.2372 -3.28 1
                                                                          DVGDRNLLVLPRPFDWMPER
3352
                                                  6 1.1e+003
        930.0956 2787.2650 2787.2757 -3.84 1
                                                  6 5.6e+002
                                                                          DCSLDASTNGDSSTPSTSSGIEVKLIF + Carbamidomethyl (C)
☑ 3455
        932.4200 2794.2382 2794.2320 2.20 1
                                                  6 4.1e+002
                                                                          EMNEILDGRGGGKPDMAQGGCQSLDK + Carbamidomethyl (C); 2 Oxidation (M)
₹ 3460
                                                                          DTMHOSPPPTPHAPRTVSVTYAGGDER + Oxidation (M)
        974.1274 2919.3604 2919.3570 1.16 1
                                                  6 8.1e+002 1
        1078.5130 2155.0114 2155.0182 -3.12 0
                                                  6 1.1e+003
                                                                          TAELSGPAGOLYSAGFSADGTR
        1045.9950 2089.9754 2089.9739 0.75 0
                                                  6 1e+003
                                                                          TDDGHSMLTPSEFLOIAGR + Oxidation (M)
        973.4920 1944.9694 1944.9649 2.35 0
                                                6 1.5e+003
                                                                          NSSIPCPMDIGETILVTR
        976.7968 2927.3686 2927.3746 -2.07 0
                                                  6 8.7e+002 1
                                                                          SQLFADVMEGDALAGGSLTAEDLAALFAE + Oxidation (M)

☑ 3579 1152.2070 3453.5992 3453.5902 2.60 1

                                                 6 6.3e+002 1
                                                                          YDLFREADGTPGFHLFEIYDDEQALEAHR
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₩.	133	385.2269	768.4392	768.4382	1.40	0	6	92	1	VVDVLPO
₩.	2939		2227.0822			0		1.3e+003	1	LLSVQIFMTDISEIDSMNR + Oxidation (M)
₩	2232		1750.0018		3.09	1		2.5e+002	1	ILHAGFKVEHMLLVK + Oxidation (M)
8	3102		2290.1801			1		1.2e+003	1	VVTTAMTVGAVWSGAATRATGAGR
₩	106	378.7289		755.4442		1		2.4e+002	1	KIPGWR
8	1877		1558.9280		2.89	0		1.1e+002	1	I.OPVTPAVFTPHI.K
₩.	2581		1971.1255		-0.53	1	6	2.4e+002	1	ELNQLHPPLARLLATTGK
₩	3526		2880.2803			0		4.5e+002	1	LLEWHGSPFQMLDYTNISNEDDEK
₩	576		1077.3890			0	6	23	1	GYFSCCNEV + Carbamidomethyl (C)
8	952		1219.6460		3.20	0		1.8e+003	1	HDASPLARPTR
₩	3188		2317.2914			1		3.2e+002	1	IVVMSPRPGRITDVIDSPLPR
₩	2643		2066.0214		1.61			1.6e+003	1	STSAPQGPTAAPLSFHDLNR
₩	2911		2217.1194			0		1.3e+003	1	LDDADVAVVSATVNVICEISK + Carbamidomethyl (C)
8	3007		2254.0918			1		1.3e+003	1	ISNPQDFQPMLYNESKLSK + Oxidation (M)
₽	2479		1867.0312		1.85	1		5.8e+002	1	VIVLDHPLLFEAKMDK
8	3318		2390.1721			1		1.3e+003	1	WLRCAAWIQGAAMVGYAVGPDR
₩	3364		2447.2180		0.02			1.5e+003	1	SVITNSINKAILEPENEYEER
₩	3289		2372.1958		1.02			1.4e+003	1	DGFVMGEGSAILVLEELEHALK + Oxidation (M)
₩	946		1217.5360		1.16			5.5e+002	1	MQQSPNSDPSK
8	2875		2200.0497					1.2e+003	1	SGMIPLEGQTLVSVSSACSYR + Oxidation (M)
	3385		2509.2325			1		1.4e+003	1	GGPLAEEAFAVLRDVCDGLGIDHR
₩	3176		2314.1773		1.64	0		1.4e+003	1	LLSLDTLAQLSGAFMMMITSR + Oxidation (M)
			2227.0786			1		1.3e+003	1	ASAQTGAGRIAYISCNVATMAR + Oxidation (M)
8	2932 3095		2289.2474		1.48	1		5.4e+002	1	AEEIEGRPLPLDADARAVLVR
₩	3501		2835.2644			0	6	5e+002	1	MEGAAPGPLGTAEBLMKPGMSAETDSAR + 2 Oxidation (M)
8	3285		2363.1754			1		1.4e+003	1	ERVPLDDGGELDTGLAFLSFGR
₩			2885.3065		1.36	0		6.1e+003	1	APLPPGIGCLVSTGWVESDDSNDDDAAK + Carbamidomethyl (C)
₩	3530 2449		1842.0373		0.53	1		4.2e+002	1	FGIAKEOLPSGSLIINR
	3493	943.7711			3.13	1		6.8e+002	1	
8		397.7064	793.3982	793.4004		0		2.9e+003	1	ELNICTGCGPGAMEGPMKGAAIGHAQQR + 2 Oxidation (M) SSLVSACK
8	165		793.3982 1590.7832			1		2.9e+003 1.6e+003	1	
₩.	1954					0			1	WGPGAAAPPPARACGR + Carbamidomethyl (C)
<b>2</b>	3259		2347.2033					1.2e+003	1	TCILYFACSAFGLLASILTGAR + Carbamidomethyl (C)
8	422	493.2693	984.5240			1		1.1e+003		AFVREAHR VAOVAGVAVSSLALAFAASADATVK
8	3186		2316.2605			0		5.3e+002	1	
8	3461		2795.2305		3.43	1		4.2e+002	1	ECMASVPEASYRAMMLALMGFDQR + Carbamidomethyl (C); 2 Oxidation (M) NORNGAPEKSVEKPHEKPEAK
8	3249		2345.1583			1		1.3e+003	1	
₩.	3392		2565.2860			0		1.3e+003	1	EDSLWNQIIAQDFTLIGGNYLR
₩	2371		1799.0320			1		3.2e+002	1	TLGLQGVFPAIKEWIK
<b>W</b>	2605		2010.0174		2.69	1		1.6e+003	1	LWNPFFSRKPVWMMR + Oxidation (M)
8	2699		2124.9910			0	6	1e+003	1	LFVTLEPCAMCLGAMFHAR + Oxidation (M)
₩.	3416		2754.2497		1.96	0		7.1e+002	1	SNVHNILETFQQMGYVEQDEETK + Oxidation (M)
₩	1717		1418.6440		3.23			8.2e+002	1	LVRGECSGPCDAR + Carbamidomethyl (C)
<b>W</b>	2037		1673.9029		2.42	0		9.7e+002	1	WELLQTTILQTNSK
8	1648		1388.7406			0		2.4e+003	1	GPIGPAGPQGKPGEK
₩.	<u>3536</u>		2908.5394		0.95	1		6.8e+002	1	VVVTGGPGETSLTATVAGPSARNLGGGTNLR
8	3517		2864.5204		2.53	0		6.3e+002	1	GGVGDDLPTLTLDAGELGEGISLAQLVVR
8	2679		2106.9973		0.75			1.4e+003	1	ESTTSKDAPAPTPSYEIDAK
₩	2883		2204.0474		3.71			1.4e+003	1	CATSAGGGGARIGDPAFQAVADR + Carbamidomethyl (C)
<b>W</b>	2888		2206.0234	2206.0252	-0.79		6	1e+003	1	LYEVYETNNLSACDYKPK + Carbamidomethyl (C)
									1	
₩	3185	773.0729	2316.1969	2316.1961	0.33			1.2e+003		IKSNEIFVLNSSQDIVEEPR
<b>V</b>	3542	773.0729 976.4532	2926.3378	2316.1961 2926.3324	1.82	1	6	7.4e+002	1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M)
•	3542 2529	773.0729 976.4532 951.5632	2926.3378 1901.1118	2316.1961 2926.3324 1901.1138	1.82 -1.03	1	6	7.4e+002 1.1e+002	1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPQKLYQANVLNFIK
¥	3542 2529 1883	773.0729 976.4532 951.5632 523.2681	2926.3378 1901.1118 1566.7825	2316.1961 2926.3324 1901.1138 1566.7824	1.82 -1.03 0.05	1 1 0	6 6	7.4e+002 1.1e+002 1.6e+003	1	GGAPYMYMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPQKLYQANVLNPIK CLSNSLSVAGNLAYR
*	3542 2529 1883 3394	773.0729 976.4532 951.5632 523.2681 1286.6110	2926.3378 1901.1118 1566.7825 2571.2074	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097	1.82 -1.03 0.05 -0.88	1 1 0	6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003	1 1 1	GGAPYHTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPGKIYQANVLMFIK CLSNSLSVAGNALAYR MDINQIFNMIDDRYIANNDLK + Oxidation (M)
8 8 8 8	3542 2529 1883 3394 1530	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041	1.82 -1.03 0.05 -0.88 -1.06	1 0 1	6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003	1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPGKIYQANVLNFIK CLSNSLSVAGNLAYR MOINQIFMITDRYIANNDLK + Oxidation (M) EPKVYHPSGNVK
N N N N N	3542 2529 1883 3394 1530 2055	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250	1.82 -1.03 0.05 -0.88 -1.06 -0.29	1 0 1 1	6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002	1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPOKIYQANVLMFIK CLENBLSYMONLAYR MOINGIFMMIDDRYTANNDLK + Oxidation (M) EPKVYHPSGNVK EEIFGFILDIRSYR
8 8 8 8 8 8	3542 2529 1883 3394 1530 2055 2609	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96	1 0 1 1 1	6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003	1 1 1 1 1	GGAPYHTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFOKLYQANVLMFIK CLSNSLSVAGNALAYR MDINQIFNMIDDRYIANNDLK + Oxidation (M) EEKVYHEGONVK EEHFGPILPIRSYR ELNDLGIFFTDDSWKYR
	3542 2529 1883 3394 1530 2055 2609 3275	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61	1 0 1 1 1 1	6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.5e+003	1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFOKLIYQANVLNFIK CLONSLSYAGNLAYR MOINGIFMMIDDKYIANNDLK + Oxidation (M) EREVYHESOKYK KERIFGFILPIRGYR ELNDLGIFTTDDSMYXR ELNDLGIFTTDDSMYXR EAMMETILPYVEVIPLGAMMER + 2 Oxidation (M)
	3542 2529 1883 3394 1530 2055 2609 3275 2818	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43	1 0 1 1 1 1 0	6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.6e+003	1 1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPOKIYQANVLMFIK CLENSLSYAGANLAYR MINDIPRMIDDRYIANNDLK + Oxidation (M) EFKVYHPSGNNK EEIFGPILDIRSYR ELNDLGIPTTDDSWKYR EAMEITLPTVEVYLPLGAMER + 2 Oxidation (M) ANAVKLGAMMETGTEMGFLVSK + Oxidation (M)
	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79	1 0 1 1 1 1 0 1	6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.6e+003 1.4e+003	1 1 1 1 1 1 1 1 1	GGAPWYMINDSPINANGEALGDGATTDEK + 2 Oxidation (M) LIPOKLYQANVINFIK CLENSLSVAGNLAFR MOINDIFMINDDKTANNDLK + Oxidation (M) ERVYHERGWIX EEIFGFILPIRSVR EINDLGLIFTDDSWKYR EARMEITLPTVEVIPLGAMER + 2 Oxidation (M) ANAVKLGROMETGTENGFLVSK + Oxidation (M) TABBARIENDVMYNESTITK + 2 Oxidation (M)
	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861 3382	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2059.1689 2176.0921 2194.1034 2500.1416	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14	1 0 1 1 1 1 0 1 1 1	6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.6e+003 1.4e+003 8.9e+002	1 1 1 1 1 1 1 1 1	GGAPYHTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LITOKLYQANGLAFR  (LONSLSYMOLAFR  MOINOIFMHIDDRYIANNDLK + Oxidation (M) ERRYWHSEGME  ERRYWHSEGME  ELNDLGIFTIDDSWKYR  ELNBLGIFTIDDSWKYR  EARBEITIFYEVIPICAMER + 2 Oxidation (M) ANAWKLGAGMERGTEMEGUVSK + Oxidation (M) TAEAAIRIMVDRYNEGITIK + 2 Oxidation (M) EMELSNFLETDLAKCKQNNMEK + 2 Oxidation (M)
X X X X X X X X X X X X	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81	1 0 1 1 1 1 0 1 1 1	6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.6e+003 1.4e+003 8.9e+002 1.8e+003	1 1 1 1 1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPOKLYQANVLMFIK CLENSLSYADALAYR MOINQIFMMIDDRYIANNDLK + Oxidation (M) EFKVYHPSGNVK EEIFGFILPTRSYK ELNDLGIFTTDDSSWXTR EAMEILPTVEVIPLGAMER + 2 Oxidation (M) ANAVKLGAMMETGTEMGFLVSK + Oxidation (M) TABAATRIMVMDVRSGTTTK + 2 Oxidation (M) EMLSNFLFDIAKCHQNNOMEK + 2 Oxidation (M) EMLSNFLFDIAKCHQNNOMEK + 2 Oxidation (M) TAMALALGALVDVSTR + Oxidation (M)
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47	1 1 0 1 1 1 1 0 1 1 1 0	6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.6e+003 1.4e+003 8.9e+002 1.8e+003	1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLIQANVLNFIK CLONSLSYAGNLAYR MOINGIFMHIDDRYIANDLK + Oxidation (M) ERKYVHSPGNYK ERIFGPILPIRSYR ELNULGIFTTDDSWKYR EANMEITHPYVEVIPLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TABAARIKHNOWYNSETITK + 2 Oxidation (M) EMLSNFLFDIAKCHQNNOMEK + 2 Oxidation (M) TLAMADLEVUVSTR + Oxidation (M) TLAMADLEVUVSTR + Oxidation (M) ALLSDI
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47	1 1 0 1 1 1 0 1 1 1 0 0 1	6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 9.2e+002 1.5e+003 1.5e+003 1.4e+003 8.9e+002 1.8e+003 3.4e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYHTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPOKIYQANVLNFIK CLENSLSYMONLAYR MOINQIFMMIDDRYIANNDLK + Oxidation (M) EPKVYHPSGNVK ERIFGFILDIRSYR ELENGLIPTTDDSWKYR EAMBEITEFFVEVIPLGAMER + 2 Oxidation (M) ANAVKLGAGMETGTEMGPLVSK + Oxidation (M) TARAARIRJVMYNBGTITK + 2 Oxidation (M) EMELSNELFIARGKGNNMEK + 2 Oxidation (M) TARAARIRJVMYNBGTITK + 2 Oxidation (M) TLAMALDLFVDVSTR + Oxidation (M) TLAMALDLFVDVSTR + Oxidation (M) ALLSDI KOISITTSVIQIPYNR
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343	773.0729 976.4532 951.5632 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11	1 1 0 1 1 1 0 1 1 1 0 0 1 1 0 0	6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.6e+003 1.4e+003 3.4e+003 3.4e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYMYMINSPINANGEALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLINFIK CLONSLSYMONIA/YR MOINDIFMMIDDRYIANNDLK + Oxidation (M) ERRYWHEGROWK ERFEGFLIPTRSYR ELINDLGIFTDDSMXYR ERADMITLETYVEVIPLGAMER + 2 Oxidation (M) ANAVAKLGANGETGTEMEGIVEK + Oxidation (M) TABAARIKHNOWINSETTIK + 2 Oxidation (M) MMSLSHIPDIAKCHONNOMEK + 2 Oxidation (M) HMSLSHIPDIAKCHONNOMEK + 2 Oxidation (M) TAMALALDYDVSTR + Oxidation (M) ALLSDI KGISITTSVIQIPTNR CLSCHYMANCTK
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604 683.3220	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442	2316.1961 2926.3324 1991.113 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64	1 0 1 1 1 0 1 1 1 0 0 1 1 0 0	6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.6e+003 1.2e+003 9.2e+002 1.5e+003 1.6e+003 1.4e+003 3.4e+003 3.4e+003 3.9e+002 1.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LITOKLYQANVIAFIK CLONBLSYMONLAYR MOINQITHMIDDRYIANDLK + Oxidation (M) ERKYMPSGNYK EEIFGPILPIRSYR ELANLGIFTTDDSWKYR EARBEITLFPVEVIPEGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TAEAALRIMYDMYNEGITIK + 2 Oxidation (M) EMG-SNFLEDIAKCHONNOKK + 2 Oxidation (M) TLAMLADLFVDVSTR + Oxidation (M) TLAMLADLFVDVSTR + Oxidation (M) TLAMLSDLFVDVSTR + Oxidation (M) ALLSDL KGISTTSVLOIPYNR CLSCNTHANCTK ELGAEVAYQCONTANPADR + Carbamidomethyl (C)
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623 2869	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604 683.3220 1010.10160	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2200.0174	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1658.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2000.0107	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09	1 0 1 1 1 1 0 0 1 1 0 0 0 1	6666666666666666	7.4e+002 1.1e+002 1.6e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.6e+003 1.4e+003 3.4e+003 3.4e+003 3.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LITPGLYQANVLNFIK CLENSLSYMOLAFR MOINQIFMIDDRYTANNDLK + Oxidation (M) EPKVHPSGNVK EEIRGPLIPIRSTR HLNDGIFTTDDSWKTR ELNDGIFTTDDSWKTR ERMERITLPYEVIPLGAMER + 2 Oxidation (M) ANAVKLGAGMETGTEMSPLVSK + Oxidation (M) TABABATRHVMYNBGTITK + 2 Oxidation (M) BULSNHLEDTACKGNNMWR + 2 Oxidation (M) TLAMLADLPVDVSTR + Oxidation (M) ALISDI KOISITTSVIQIPYNR CLSGNTMANGTK ELGAEVAYCQGNIANPADR + Carbamidomethyl (C) NFVESCLMSTPTSSPERKAGK
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623 2869 3419	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604 683.3220 1101.0106 920.7653	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2200.0174	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17	1 0 1 1 1 1 0 1 1 1 0 0 1 0 0 1	666666666666666666	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.6e+003 1.4e+003 3.4e+003 3.9e+002 1.7e+002 1.1e+003 8.9e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYNTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLIQANVLNFIK CLONSLSYAGNLAYR MOINGIFMHIDDRYLANDLK + Oxidation (M) EREYPHSFONIX REFIGPILPIRGYR ELNDLGIFTIDDSWKYR ELNDLGIFTIDDSWKYR ELNDLGIFTIDDSWKYR ELNDLGIFTIDDSWKYR ELNDLGIFTIDVSWYLPLGAMMER + 2 Oxidation (M) ANAWKLGAGMGETGTEMGFLVSK + Oxidation (M) TABAALTRIVNOWNSECTIFK + 2 Oxidation (M) MMLSNPLFDIAKCKGNNOWEK + 2 Oxidation (M) TLAMLADLEVUNTST + Oxidation (M) ALISDI KOISITTSVLQIPYNR CLSCNTHANGTK ELGARVAYQCGNLANDADR + Carbamidomethyl (C) NFVEGCLNGTPTSSDFEKAGK MSSATPTPSSPFPEDPTANGSLTERR + Oxidation (M)
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623 2869 3419 1285	773.0729 976.4532 951.5632 951.5632 952.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604 663.3220 1101.0160 920.7653	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.88430 630.3591 1789.0096 1287.5022 2046.9442 2200.0174 2297.57616	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1333.7041 1688.9250 2021.9994 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1297.7605	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17	1 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 1 1 1 1	66666666666666666	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.5e+003 9.2e+002 1.5e+003 1.4e+003 8.9e+002 1.8e+003 3.4e+003 3.4e+003 1.7e+002 1.7e+002 1.1e+003 1.1e+003 8.9e+002		GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LITOKLYQANVLAFIK (LINNLSYANDLAYR MOINDIFFMIDDRYIANNDLK + Oxidation (M) ERRYWIPSGEN EHROLGIPTIDDSWKYR EHROLGIPTIDDSWKYR ELMBELIPTIPVSUPFLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGPLVSK + Oxidation (M) TAEAAIRINVDRYNEGITIK + 2 Oxidation (M) TAEAAIRINVDRYNEGITIK + 2 Oxidation (M) TLAGLADLFVDVSTR + Oxidation (M) TLAGLADLFVDVSTR + Oxidation (M) ATLSDI KGISITTSVIQIPYNR CLSGNYMANCTK ELGABEWAGOGNIANFADR + Carbamidomethyl (C) NSVSGCINGTPTSSDERKAGK MSSATPTPPSPPPEDPTAGGLIERR + Oxidation (M) KNALIAULEELK
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623 2869 3419 1285 1741	773.0729 976.4532 976.4532 951.5532 533.2681 1286.6110 677.8586 563.9821 1011.9900 787.3959 726.3713 1098.0590 884.3878 809.4288 631.3664 597.3438 644.7604 683.3220 1101.0160 920.7653 649.8881 440.5515	2926.3378 1901.1118 1566.7825 2571.2074 1568.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1216 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2200.0174 2759.2741 1438.7527	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1668.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2020.0107 2759.2708 1243.7490	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17 0.89 2.57	1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 0 0 0 1 1 0 0	666666666666666666666666666666666666666	7.4e+002 1.1e+002 1.5e+003 1.5e+003 1.5e+003 1.5e+003 1.5e+003 1.6e+003 1.4e+003 3.4e+003 3.9e+002 1.7e+002 1.1e+003 8.9e+002 6.7e+002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYMYMILVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPOKLIVQANVLINFIK CLOSNIS/SYAGNLAYR MOINDIFMHIDDRYIANDLK + Oxidation (M) EREYMFEGNIX ERIFGFILPIRSYR ERIFGFILPIRSYR ELINDLGIPTTDDSMYXR ERIFGFILPITSYVE + Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TABBAIRIMOWNESSTIFK + 2 Oxidation (M) MSMLSHLGAGMETGTEMGFLVSK + Oxidation (M) HSMLSHLGAGMETGTEMGFLVSK + 2 Oxidation (M) TABBAIRIMOWNESSTIFK + 2 Oxidation (M) AILSDI KGISITTSVIQIPYNR CLSCHYMANCTK ELGAEVAYCQGNIANADR + Carbamidomethyl (C) HYVEGCIMSTPTSSPERKAK MSSATPTPSSPEPRAKK MSSATPTPSSPEPRAKK KMSATPTPSSPEPRAKK LIVLDPHSSBMAK
	2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623 2869 3419 1285 1741 1091	773.0729 976.4532 951.5632 533.2681 1286.6110 677.8586 563.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 839.4288 631.3664 597.3438 644.7604 683.3220 1101.0160 920.7653 649.8881 480.5915	2926,3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0996 1287.5026 2046.9442 2200.0174 2290.0174 1297.7616 1438.7527	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9994 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1799.0098 1297.5009 2046.9429 2200.0107 2759.2708 1297.7605 1438.7490 1248.6649	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17 0.89	1 0 1 1 1 1 0 1 1 0 0 0 1 0 0 1 1 0 0 1	66666666666666666	7.4e+002 1.1e+002 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.5e+003 1.5e+003 1.4e+003 3.4e+003 3.4e+003 3.4e+003 3.4e+003 3.9e+002 1.7e+003 1.1e+003 8.9e+002 1.1e+003 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINQIFMHIDDRYIANDLK + Oxidation (M) ERKYYHSPGNYK EBIFGPILPIRSYR EHNIGIFTTDDSMXYR ERNEWITEPWLYPLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TAEAALTRYMOWNEWSTIFK + 2 Oxidation (M) EMLSNFLFDIAKCHONNOMK + 2 Oxidation (M) TLAMIADLEYDVSTR + Oxidation (M) ATLSDI KGISITTSVLQIPYNR CLSCNTMANCTK ELGASVAYQORIANFADR + Carbamidomethyl (C) NNYWGCLNGTPISSDFEKAGK MSSATFTPSSPFEEDFTANGSLTERR + Oxidation (M) KNAALAVLEEEK LIVLDPGR
	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 18 2343 1231 2623 2869 3419 1285 1741 1091 1874	773.0729 976.4532 951.5532 523.2681 1286.6110 677.8586 57.8586 1011.9900 787.3969 726.3713 1098.0590 834.3888 631.3664 597.3438 644.7604 683.3220 1101.0160 920.7653 649.8881 440.5915 625.3381	2926.3378 1901.1131 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2020.0174 2759.2741 1297.7616 1438.7527	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0088 2194.0973 2500.1337 1616.8444 630.3588 1294.0973 2004.6929 2020.0107 2759.2708 1297.7605 1438.7490 1297.7605	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17 0.89 2.57 1.53	1 1 0 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 1 1 0 0 0 1 1 0 0 0 1 1 1 1 0 0 1	666666666666666666	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.4e+003 3.9e+002 1.7e+003 1.1e+003 8.9e+002 1.7e+003 1.1e+003 1.1e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003 1.4e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPWYMYMYMUSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLGNSLSVAGNLAYR MONNOFRMIDDRYLANNDLK + Oxidation (M) BERVYHBEGNYK EEFFGFLEFIRSYR ELNDLGLFTTDDSWKYR EARMEITLPTVEVIPLGAMER + 2 Oxidation (M) ANAVAKLGANGETGTENGFLVSK + Oxidation (M) TARBALTRYNNYMENTIK + 2 Oxidation (M) MMSLSHFLFDLAKCHGNNMSK + 2 Oxidation (M) TARBALTRYNDVNSTRTIK + 2 Oxidation (M) ATLADLA CHONNOMSK + 2 Oxidation (M) ALLDI KOGISTITSVIGIPTNR CLGSUTMANCTK ELGAEVAYQGGNIANFADR + Carbamidomethyl (C) NEVESCUMSTPTSSPFERGAK MSSATTFPSFFFEDTADGSLTERR + Oxidation (M) TNAALAVLEREK LIVLDPHSSEMAK REMILIDFER KRMLIDFER GVMMCLGMEMMOK + Oxidation (M)
	3542 2529 1883 3394 2055 2609 3275 2818 2861 1978 1231 2623 2623 2623 249 1241 1241 1241 1251 1491 1491 1491 1491 1491 1491 1491 14	773, 20729 976, 4532 951, 5632 533, 2681 1286, 6110 677, 8586 563, 9821 1011, 9900 787, 3969 726, 3713 1098, 0590 884, 3878 889, 4288 661, 3664 597, 3438 644, 7604 683, 3220 1101, 0160 920, 7653 649, 8881 480, 5915 625, 3381 778, 8518	2926.3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.096 1287.5062 2046.9442 2200.0174 2759.2741 1297.7616 1438.7527 1248.6616	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5065 2200.0107 2759.2708 1297.7605 1438.7490 1248.6649 1248.6649 1248.6649 1248.6649	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.13 0.64 3.09 1.17 -0.89 2.57 -2.57	1 1 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1	666666666666666666666666666666666666666	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 3.9e+002 1.6e+003 3.9e+002 1.7e+002 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLIQANVLNFIK CLONSLSYAGNLAYR MOINGIFMHIDDRYLANDLK + Oxidation (M) ERKYMFBGNIX ERIFGFILPIRSYR ELNDLGIFTIDDSWKYR ERHEGITLPTVEVIPLGAMER + 2 Oxidation (M) ANAWALGAGMETGTEMGFLVSK + Oxidation (M) TABAAIRINOMYNEGITIK + 2 Oxidation (M) EMLSNFLFDIAKCHQNNOMEK + 2 Oxidation (M) TLAMIADLEVUNGTR + Oxidation (M) ALLSDI KOSITITSVLQIPYNR CLSCNTHANGTK ELGAEVAYQQGNIANADR + Carbamidomethyl (C) NYFWSCLNGTFISSDFEKGK MSSATFTFSSPFEKGK MSSATFTFSSPFEKGK KNSATFTFSSEMAK REMLILDFGR GYMQCLOMERGNK + Oxidation (M) FNTMANLEFENDLATTSVKCK + Carbamidomethyl (C); Oxidation (M) FNTMANLEFENDLATTSVKCK + Carbamidomethyl (C); Oxidation (M)
	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861 1978 243 1231 2623 2869 1234 1231 12623 2869 1285 1741 1091 1091 1091 1091 1093 3033 3511	773.0729 976.4532 951.5632 523.2681 1286.6110 677.8586 578.39821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604 663.3220 1101.0160 920.7653 649.8881 480.9595 631.5626 977.85186 977.86518	2926, 3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2200.0174 2379.27616 1438.7527 1248.6616 1555.6890 2268.9988	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2000.0107 2759.2708 1297.7605 1438.7490 1248.6649 1555.6867 2248.1031 2248.28282.2849	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17 0.89 2.57 -2.57	1 1 0 1 1 1 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 1 1 0 0 1	66666666666666666666666	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.4e+003 3.4e+003 3.4e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LITOKLYQANVLNFIK CLSNSLSYMONLAYR MOINOFFRMIDDRYLANDLK + Oxidation (M) ERRYWTBEGONIX EHIFOGLIFTDDSWKYR EHIFOLIFTDDSWKYR ELMBLGIFTDDSWKYR EARBEITLFPVEVIPLGAMER + 2 Oxidation (M) ANAWKLGAGMERGTEMGFUSK + Oxidation (M) TAEAAIRINVDRYNEGITIK + 2 Oxidation (M) TAEAAIRINVDRYNEGITIK + 2 Oxidation (M) TAMALADLFVDSTR + Oxidation (M) ATLSDI KGISITTSVIQIPYNR CLSGNYMANCTK ELGAEVWACQURIANFADR + Carbamidomethyl (C) NSVSGLNGTPTSSDFEKAGK MSSATPTPSSPFPEDPTAGSLTERR + Oxidation (M) KNAALAVLEELK LIVLDPHSSEMAK ERMLILDFGR GVMQCLQMEMKOK + Oxidation (M) PNYTMALIFPADIATFSVEKK + Carbamidomethyl (C); Oxidation (M) RONNEMEDERAGULVEVGETRAEEER
	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861 3382 1978 183 2243 2243 2243 2243 1231 1231 1285 1741 1091 1874 3033 3351 13557	773.0729 976.4532 976.4532 951.5532 533.2681 1286.6110 677.8586 563.9921 1011.9900 787.3969 726.3713 1098.0590 884.3878 809.4288 631.3664 597.3438 644.7604 663.3220 1101.0160 920.7653 649.8881 640.7688 757.8588 757.8588 757.8588	2926,3378 1901.118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5026 2046.9442 2200.0174 2759.2741 1297.7616 1438.7527 1248.6616 1555.6616 1555.6698 2852.2768	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2020.0107 2759.2708 1248.6499 1248.6499 1248.6499 1248.6499 1255.6669 1268.1031 2852.2849 2975.4343	1.82 -1.03 0.05 -0.88 -1.06 -0.29 1.61 2.43 2.79 3.14 -0.81 0.47 -0.11 -1.33 0.64 3.09 1.17 0.89 2.57 1.53 -1.91 -2.54	1 1 0 1 1 1 1 1 0 0 0 1 1 0 0 0 1 1 1 1	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.6e+003 3.4e+003 3.4e+003 3.9e+002 1.7e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.5e+002 1.6e+003 1.6e+003 1.6e+003 1.6e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIPQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGIFMHIDDRYLANDLK + Oxidation (M) EREYGRIEGOKYK EREIGGILPIRSYR ERINGIPITDUSKYR ERINGIPITDUSKYR ERINGIPITDUSKYR ERMMEITLYTEVIPLGAMMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) MEMLSHLEPTAKCKGNNBKK + 2 Oxidation (M) MEMLSHLEPTAKCKGNNBKK + 2 Oxidation (M) AILSDI KGISITTSVIQIPYNR CLSCHYMANCTK ELGAEVAYCGONIANBAR + Carbamidomethyl (C) HYMSCHGNIPPISSPERKAKK MSSATPTPSSPPERAKK MSSATPTPSSPPERAKK KMSATATVLEELK LIVLDPHSSBMAK REMLILDFGR RUMCLOGMEMOK + Oxidation (M) FNTMAILDFGR GYMCLOGMEMOK + Oxidation (M) FNTMAILDFACTATVICATUSCOGRAPHEADER LOISINSAGTCATVCLATUGGGSYMANANK + Carbamidomethyl (C); Oxidation (M) KOMMEMBERFAGDVLEVOGGFFAREER
	3542 2529 1883 3394 1530 2055 2609 2818 2861 3382 1978 1231 2623 2869 3419 1285 1741 1874 3033 3511 653	773.0729 976.4532 951.5632 951.5632 953.2681 1266.6110 677.8586 553.9821 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 957.3438 644.7604 643.3220 1101.0160 920.7653 649.8881 480.5915 625.3381 778.8518 778.4622 951.7662 992.8182	2926, 3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2200.0174 2297.7616 1438.7527 1248.6616 1555.6890 2256.0898 2852.2768 2975.4328	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1333.7041 1668.9220 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1799.0098 1287.5080 2046.9429 2200.0107 2759.2708 1287.6869 1287.6869 1288.7490 1288.6869 1288.68	1.82 -1.03 0.05 -0.88 -1.06 -0.29 1.61 2.43 3.14 -0.81 0.47 -0.11 -1.33 0.9 1.17 0.257 -2.57 1.53 -1.91 -2.84 -0.56	1 1 0 1 1 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1	6666666666666666666666666	7.4e+002 1.1e+002 1.5e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 3.9e+002 1.7e+002 1.1e+003 3.9e+002 1.7e+002 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYNTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINQIFMHIDDRYIANDLK + Oxidation (M) ERKYTHSPGNYK EEIFGPILPIRSYR EENDLGIFTTDDSWKYR EENBETLFPVEVIPEGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TAEAALTRYMWYKEGTIFK + 2 Oxidation (M) EMLSNFLFDIAKCHONNOMK + 2 Oxidation (M) TAEAALTRYMWYKEGTIFK + 2 Oxidation (M) ATLSDI KOISITTSVLQIFYNR CLSCNTHANCTK ELGASVAYQORIANFADR + Carbamidomethyl (C) NYSWGLNGTPTSSDFEKAGK MSSATFTPSSPFEEDFATAGSLTERR + Oxidation (M) KNAALAVLEELK LIVLDPER GWMCLOMERGEN + Oxidation (M) FNHAMLEDFATATSVKCK + Carbamidomethyl (C); Oxidation (M) RONSHEDEPAGULFVUGFFAEER LGISWAQCTATYGLAFLOGSTMAEBER LGISWACCTATYGLAFLOGSTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBER LGISWACCTATYGLAFLOGTMAEBE
	3542 2529 1883 3394 1530 2055 2609 3275 2818 2861 1978 18 2343 1262 2463 2469 3419 1091 1091 1091 1303 3511 3553 3368	773. 0729 976. 4532 976. 4532 533. 2681 1286. 6110 677. 8586 587. 8587 1011. 9900 787. 3969 726. 3713 1098. 0590 834. 3878 809. 4288 631. 3664 597. 3438 644. 7604 683. 3220 1101. 0160 920. 7653 649. 8881 480. 5915 625. 3381 777. 8402 592. 8182 557. 7442 557. 7442	2926.3378 1901.1118 1566.7925 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5092 2046.9442 2294.1047 2759.2741 1248.6616 12555.6890 2268.0988 2852.2768 2975.4328 1113.4938	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1227.6669 1237.7605 1248.6649 1255.6669 1255.6669 1255.2849 2975.4343 1113.4947 2458.3736	1.82 -1.03 0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 3.14 0.47 -0.11 -1.33 0.64 3.09 1.17 0.89 2.57 1.53 -1.91 -2.57	1 1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.6e+003 3.4e+003 3.4e+003 3.9e+002 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMYMILVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIFQRLYQANVLNFIK CLOSNIS/SVAGNLAYR MOINDIFMMIDDRYIANDLK + Oxidation (M) EREYFREGONIX ERIFGGILPIRSYR ERIFGGILPIRSYR ERIFGGILPIRSYR ERIMCHIPTYEVIPLGAMER + 2 Oxidation (M) ANAWAKLGANGETGTEMGFLYEK + Oxidation (M) HELSHIPTYEVIPLGAMER + 2 Oxidation (M) HELSHIPTYDAKCHGNNBMK + 2 Oxidation (M) HELSHIFLFOLAKCHGNNBMK + 2 Oxidation (M) AILSDI KGISITTSVIQIPTYNR CLSCHYMANCTK ELGAEVAYQOGNIANFADR + Carbamidomethyl (C) HYMSCHGNIFTSSDFEKGAK MSSATFFPSFPFEDPTADGSLTERR + Oxidation (M) ENVESCHMIPTSSDFEKGAK REMLILPER ROMMCLOMERMON + Oxidation (M) FYNTSMALEPADIATSYNCK + Carbamidomethyl (C); Oxidation (M) FYNTSMALEPADIATSYNCK + Carbamidomethyl (C); Oxidation (M) FYNTSMALEPADIATSYNCK + Carbamidomethyl (C); Oxidation (M) MSERFICH + OXIDATION MSERFICH +
	3542 2529 1883 3394 1530 2055 2609 33275 2818 2861 3382 2343 1232 2869 3419 1241 1091 1874 1091 1874 1873 3557 653 3368 3358	773.0729 976.4532 951.5632 951.5632 951.266.6110 677.8586 563.9821 1011.9900 787.396 726.3713 1098.0590 834.3878 809.4288 613.3644 597.3438 664.7604 663.3220 1101.0160 920.76533 649.8881 480.5515 625.5381 778.8518 778.8518 778.8518 778.8518 2557.7542 820.4678 992.8185	2926, 3378 1901, 1118 1901, 1118 1901, 1118 1901, 1118 1333, 7026 1688, 9245 2021, 9654 2359, 1689 2176, 0921 2194, 1034 2500, 1416 1616, 8430 630, 3591 1789, 0096 1287, 5062 2046, 9442 2200, 0174 2279, 2741 1297, 7616 1438, 7527 1248, 6616 1555, 6890 2268, 0988 2852, 2768 2975, 4238 1113, 4938 2458, 3816 2975, 4238	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1668.9220 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3586 1789.0098 1287.5080 2046.9429 200.0107 2759.2708 1297.7605 1438.7490 1248.6649 1555.6867 2256.8687 2258.873 24975.4243 1113.4947 2458.3736 2975.4293	1.82 -1.03 -0.88 -1.06 -0.29 -1.96 1.61 1.02 -1.96 1.61 0.47 -0.11 -1.33 2.79 3.14 1.0.44 -0.11 -1.33 2.57 -	1 1 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.1e+003 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.7e+003 1.7e+003 1.1e+003 1.8e+003 1.1e+003 1.8e+003 1.1e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLIQANVLNFIK CLONSLSYAGNLAYR MOINGIFMHIDDRYLANDLK + Oxidation (M) ERKYMPSGNX ERIFGFILPIRSYR ELNDLGIFTIDDSWKYR ERMERITEPTVEVIPLGAMER + 2 Oxidation (M) ANAWALGAGMETGTEMGFLVSK + Oxidation (M) TABAALTRIVMOWNERGITEK + 2 Oxidation (M) EMLSNFLFDIAKCHQNNOMEK + 2 Oxidation (M) TLAMIADLEVUNSTR + Oxidation (M) ATLSDI KOISITTSVLQIPYNR CLSCHYMANOTK ELGAEVAYQQGNIANADR + Carbamidomethyl (C) NYEWGLNGTPISDPEKAGK MSSATFTPSSPFEEDFTANGSLEERR + Oxidation (M) NNAALAVLEELK LIVLDPHSSMAK REMLILDFGR GYMQCLOMENGK + Oxidation (M) FNYMANLPEADLATTSVKCK + Carbamidomethyl (C); Oxidation (M) RQNHEMEPRADILTYSVKCK + Carbamidomethyl (C); Oxidation (M) RQNHEMEPRADILTYSVKCK + Carbamidomethyl (C); Oxidation (M) MSGRTFCPK + Oxidation (M) DFAILMAKVSSFTALNAMER DAAFSOWMUNTHINSWYGGMLGGALISR + 4 Oxidation (M)
	3542 2529 1883 3394 1530 2055 2818 2861 1978 1231 2623 2869 1243 1231 1231 1245 1741 1091 1874 3033 3517 653 3366 3556 3553	773.0729 976.4532 951.5632 951.5632 951.5632 951.26661 1021.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 957.3438 644.7604 643.7604 649.2881 480.5915 649.2881 778.38518 778.38518 778.38518 778.38518 778.402 952.8182 557.7542 820.4678 992.8182 557.7542 892.8182 578.7542 892.8182	2926, 3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 1287.5062 2046.9442 2200.0174 2759.2741 1248.6616 1438.7527 1248.6616 1555.6890 2268.2988 8258.2988 82113.4938 2458.3316 2975.4247 2885.3301	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2020.0107 2759.2708 1297.7605 1438.7490 1248.6649 1255.6667 2268.1031 2852.2849 2975.4343 1113.4947 1248.3736 2975.429	1.82 -1.03 -0.88 -1.06 -0.29 -1.96 1.61 1.61 -0.11 -0.11 -1.33 0.64 4.30 1.17 0.89 2.57 -1.57 -2.57 1.53 -1.91 -2.84 -0.53 -1.91 -1.	1 1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.6e+003 1.6e+003 3.4e+003 3.4e+003 1.1e+004 1.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGAPYMTMLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LITOKLYQANVLHFIK (CLSNELSYMONLAYR MOINQITHMIDDRYIANDLK + Oxidation (M) ERKYTHSEGNYK EEIFGPILPIRSYR EENDLGIFTTDDSWKYR EENSETITPVEVIPEGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TAEAAIRMYDMYNEGITIK + 2 Oxidation (M) EMG.SNFLEPDIAKCHONNOMEK + 2 Oxidation (M) TIAHLADLEVDVSTR + Oxidation (M) ATLSDI KGISITTSVLQIPYNR CLSCNTHANCTK CLSCNTHANCTK MSSATFTPSFPFPEFPAGSLTERR + Oxidation (M) KNAALAVLEELK LIVLDPHSSEMAK RSMLTHDFGR GYMGCLOMENGOK + Carbamidomethyl (C) NFVSGCLOMETPSSDFEKAGK MSSATFTPSFPFPEPTAGSLTERR + Oxidation (M) ENGALAVLEELK LIVLDPHSSEMAK RSMLILDFGR GYMGCLOMENGOK + Carbamidomethyl (C); Oxidation (M) ROMEHEDERAGOVLPVGETFAREER LGISMSAQTCATVGLAFFSGSYMARANK + Carbamidomethyl (C); Oxidation (M) MSERTFCK + Oxidation (M) DPAINLARVSSFPALANKER DAAFSGYMGLPHILSMYVGGMLGGALISR + 4 Oxidation (M) SONO3SFPGEEVHNSTGESGGAASHK
	3542 2529 1883 3394 1530 2055 2818 3382 1978 2843 1231 12623 3419 1285 11874 1091 1874 1091 1874 1091 1875 653 3368 3556 3556 3556	773.0729 976.4532 976.4532 951.5532 533.2681 1286.6110 677.8586 563.9921 1011.9900 787.3969 726.3713 1098.0590 884.3878 809.4288 631.3664 597.3438 644.7604 683.3220 1101.0160 920.7653 649.8881 440.5915 625.3381 777.8518 757.0402 992.8182 557.7542 825.7.7542 825.7.7542 825.7.7542 825.7.7542 825.7.7542	2926,3378 1901.1118 1566.7925 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.096 1287.5062 2046.9442 2200.0174 2759.2741 1297.7616 1438.7527 1248.6616 1255.6898 2852.2768 2975.4328 1113.4388 1245.3986 2457.3427 2885.3101 2321.1634	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1668.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2020.0107 2759.2708 1248.649 1255.6669 1248.7490 1248.649 1255.6693 1255.6493	1.82 -1.03 -0.05 -0.88 -1.06 -0.29 -1.96 1.61 2.43 2.79 -0.11 -1.33 0.89 2.57 -2.57 -2.57 -2.57 -2.57 -2.53 -1.91 -0.53 -0.63 -0.69	1 1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 1.8e+003 3.9e+002 1.8e+003 3.9e+002 1.7e+003 1.1e+003 1.1e+003 1.1e+003 1.6e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTMLVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIPQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGITHMIDDRYLANDLK + Oxidation (M) EREFORINE EREFORINE ERIFGFILPIRSYR ERIFGFILPITSYR ELINDLGIPTTDDSMYKT EAMMETILPITYEVIPLGAMMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) MANAWKLGAGMETGTEMGFLVSK + Oxidation (M) MMLSHLSPLEDLAKCKGNNBKK + 2 Oxidation (M) MMLSHLSPLEDLAKCKGNNBKK + 2 Oxidation (M) ALISDI KOISITTSYLQIPYNR CLSCHYMANCTE ELGAEVAYQCONIANBADR + Carbamidomethyl (C) NEVESCHANTPTSSDFERKAK MSSATPTPSSPFERDRAK KSSATPTPSSPFERDRAK KSSATPTPSSPFERDRAK KSHLLIDFGR KSHLLIDFGR GVMCLOMEMOKH + Oxidation (M) FNYMSCHANTGATVELAFERER LOLLUPGHSSBMAK REMLILDFGR GVMCLOMEMOKH + Oxidation (M) FNYMSHLEDRAGIVELAFGREFR LOISINSAGTCATVCLAFLGGSFYMARANR + Carbamidomethyl (C); Oxidation (M) MSERFCKH + Oxidation (M) SQNOQSFFGERVHBSIGSGABASH SULVMGVULGFTEMENUR + Oxidation (M)
	3542 2529 1883 3394 1530 2055 2818 2861 3382 1978 2231 2623 3419 1285 1091 1874 3031 3557 653 3532 3556 3536 3536 3536 3536 3536	773.0729 976.4532 951.5632 951.5632 953.2681 1286.6110 677.8586 553.9821 1011.9900 787.3969 726.3713 1098.0590 8814.3878 809.4288 631.3664 957.3438 644.7604 643.7502 1101.0160 920.753 649.8881 480.5915 649.8881 778.8518 778.6512 952.8155 957.7542 820.4678 992.8155 962.7773 1161.5690	2926, 3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2039.1688.9245 2039.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0996 1287.5026 2046.9442 2200.0174 2297.7616 1438.7527 1248.6616 1555.6890 2852.2768 2975.4328 1113.4938 2458.3816 2975.4328 1113.4938 2458.3816 2927.4228 2855.3101 2321.1634 2813.2792	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1333.7041 1688.9220 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1287.7605 1438.7490 1248.6649 1255.6667 1248.6649 2975.4343 1113.4947 2458.3736 2975.4343 1113.4947 2458.3736 2975.4399 2885.3039 2321.1620 2313.2848	1.82 -1.03 -0.88 -1.06 -0.29 -1.96 -1.61 2.43 2.79 -0.11 -0.31 -0.47 -0.11 -1.33 0.64 4.3 -0.57 -2.57	1 1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.1e+003 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.9e+002 1.7e+003 1.1e+003 1.9e+002 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYNTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGIFMHIDDRYIANDLK + Oxidation (M) ERKYTHSPGNYK EEIFGPILPIRSYR EENDLGIFTTDDSWKYR EENSETIETPWEIFLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TAEAALTRYMWYNEGTIFK + 2 Oxidation (M) EMLSNFLFDIAKCHONNOMK + 2 Oxidation (M) TAEAALTRYMWYNEGTIFK + 2 Oxidation (M) TALADLFYDVSTR + Oxidation (M) ATLSDI KOISITTSVLQIFYNR CLSCNTHANCTK ELGASVAYQORTANFADR + Carbamidomethyl (C) NNFWSCLNGTPTSSDFEKAGK MSSATFTPSSPFEEDFANGK MSSATFTPSSPFEEDFAGSLTERR + Oxidation (M) XNAALAVLEEKK LIVLDPER GWMCLOMESKOK + Oxidation (M) FYNTAMLEDPALATYSVKCK + Carbamidomethyl (C); Oxidation (M) RONSHEDEPAGDVLFVUGETFAEER LGISWSAGTCATVGLAFLGGSYMAEAMR + Carbamidomethyl (C); Oxidation (M) PRAINLAMAVSSFIPALAWKR DAAFSCWGMLAFTLSKYVGGMLGGALISR + 4 Oxidation (M) SQNQQSFFQEEPVHMSIQESGPASHK SNLVHMSVLFUGFTORTHEN + Oxidation (M) LYMAAGMLTAGADDDPPEARTPTRS
	3542 2529 2529 2055 2055 2818 3382 1978 1231 1231 1231 1231 1231 1231 1231 1343 1231 1341 1091 1091 1091 1091 1091 1091 1091 10	773. 0729 976. 4532 976. 4532 533. 2681 1286. 6110 677. 8586 578. 3959 1011. 9900 787. 3959 834. 3878 809. 4288 631. 3664 597. 3438 644. 7604 683. 3220 1101. 0160 920. 7653 649. 8881 480. 5915 625. 3381 777. 0402 992. 8182 557. 7542 820. 4678 992. 8189 938. 7670 970. 0759 938. 7770	2926, 3378 1901,1118 1566,7925 2571,2074 1353,7026 1688,9245 2021,9654 2359,1689 2176,0921 2194,1034 2500,1416 1616,8430 630,3591 1789,0096 1287,5092 2046,9442 22946,9442 2494,9442 2595,2741 1248,6616 1555,6890 2268,0988 2258,0988 2258,0988 2258,1268 2975,4328 1113,4938 2458,3816 2975,4328 1113,4938 2458,3816 2975,4328 1113,4938 2458,3816 2975,4328 1113,4938 2458,3816 2975,4328 1113,4938 2458,3816 2975,4328 1113,4938 2458,3816 2975,4328 1113,4938 2458,3816 2975,4328	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0068 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1248.6494 1297.7605 1438.7490 1248.6649 1555.6867 2268.1031 2852.2849 2975.4343 1113.4947 2458.3736 2975.4299 2885.3299 2321.1620 2813.2848 2307.2005	1.82 -1.03 -0.85 -0.88 -1.06 -0.29 -1.96 -1.61 2.43 2.79 -0.81 -0.81 -0.81 3.09 1.17 -1.53 -1.91 -0.53 -1.91 -0.53 -0.53 -0.54 -0.53 -0.54 -0.53 -0.54 -0.53 -0.54 -0.53 -0.54 -0.53 -0.54 -0.53 -0.54	1 1 0 1 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.6e+003 1.6e+003 3.4e+003 3.4e+003 3.9e+002 1.7e+003 1.1e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GGATYMTMLVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIPQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGITHMIDDRYLANDLK + Oxidation (M) EREFORINE EREFORINE ERIFGFILPIRSYR ERIFGFILPITSYR ELINDLGIPTTDDSMYKT EAMMETILPITYEVIPLGAMMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) MANAWKLGAGMETGTEMGFLVSK + Oxidation (M) MMLSHLSPLEDLAKCKGNNBKK + 2 Oxidation (M) MMLSHLSPLEDLAKCKGNNBKK + 2 Oxidation (M) ALISDI KOISITTSYLQIPYNR CLSCHYMANCTE ELGAEVAYQCONIANBADR + Carbamidomethyl (C) NEVESCHANTPTSSDFERKAK MSSATPTPSSPFERDRAK KSSATPTPSSPFERDRAK KSSATPTPSSPFERDRAK KSHLLIDFGR KSHLLIDFGR GVMCLOMEMOKH + Oxidation (M) FNYMSCHANTGATVELAFERER LOLLUPGHSSBMAK REMLILDFGR GVMCLOMEMOKH + Oxidation (M) FNYMSHLEDRAGIVELAFGREFR LOISINSAGTCATVCLAFLGGSFYMARANR + Carbamidomethyl (C); Oxidation (M) MSERFCKH + Oxidation (M) SQNOQSFFGERVHBSIGSGABASH SULVMGVULGFTEMENUR + Oxidation (M)
	3542 2529 1530 2609 3275 2818 2861 3382 18 2343 12 2623 2869 1285 1741 1874 3033 3419 1874 3033 3556 3536 3556 3536 3556 3536 3556 3536 3556 3536 3556 3567 367 367 367 367 367 367 367 3	773.0729 976.4532 951.5632 951.5632 953.2681 1266.6110 677.8586 563.9921 1011.9900 787.3969 726.3713 1098.0590 834.3878 809.4288 631.3664 597.3438 644.7604 663.3220 1101.0160 920.7653 649.8881 480.5915 625.3381 778.8518 778.4612 951.7662 992.8182 557.7542 820.4678 992.8185 562.7773 1161.5890 938.7670 770.0759	2926, 3378 1901,1118 1901,1118 1901,1118 1901,1118 1353,7026 1688,9245 2021,9654 2359,1689 2176,0921 2194,1034 2500,1416 1616,8430 630,3591 1789,0096 1287,5062 2046,9442 2200,0174 2279,2741 1297,7616 1438,7527 1248,6616 1555,6890 2268,0988 2852,2768 2975,4228 1113,4938 2458,3316 2975,4247 2885,3101 2321,1634 2813,2792 2307,2059 2072,9905	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1333.7041 1668.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1799.0098 1287.5080 2046.9429 2000.0107 2759.2708 1297.7605 1438.7490 1248.6649 1255.6867 1248.6649 2975.4299 2975.4299 2985.3039 2853.3039 2821.1620 2813.2848 2307.2005 2072.9945	1.82 -1.03 -0.05 -0.88 -0.05 -	1 1 0 0 1 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.1e+003 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.7e+002 1.7e+002 1.6e+003 1.6e+003 1.1e+003 1.6e+003 1.1e+003		GGATYNTHLVSPNNAKGEALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGIFMHIDDRYIANDLK + Oxidation (M) ERKYTHSPGNYK EEIFGPILPIRSYR EENDLGIFTTDDSWKYR EENSETIETPWEIFLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) TAEAALTRYMWYNEGTIFK + 2 Oxidation (M) EMLSNFLFDIAKCHONNOMK + 2 Oxidation (M) TAEAALTRYMWYNEGTIFK + 2 Oxidation (M) TALADLFYDVSTR + Oxidation (M) ATLSDI KOISITTSVLQIFYNR CLSCNTHANCTK ELGASVAYQORTANFADR + Carbamidomethyl (C) NNFWSCLNGTPTSSDFEKAGK MSSATFTPSSPFEEDFANGK MSSATFTPSSPFEEDFAGSLTERR + Oxidation (M) XNAALAVLEEKK LIVLDPER GWMCLOMESKOK + Oxidation (M) FYNTAMLEDPALATYSVKCK + Carbamidomethyl (C); Oxidation (M) RONSHEDEPAGDVLFVUGETFAEER LGISWSAGTCATVGLAFLGGSYMAEAMR + Carbamidomethyl (C); Oxidation (M) PRAINLAMAVSSFIPALAWKR DAAFSCWGMLAFTLSKYVGGMLGGALISR + 4 Oxidation (M) SQNQQSFFQEEPVHMSIQESGPASHK SNLVHMSVLFUGFTORTHEN + Oxidation (M) LYMAAGMLTAGADDDPPEARTPTRS
	3542 2529 33394 15330 2055 2609 3275 2818 2861 3382 1978 1231 2623 2869 1231 1231 1231 1241 13557 653 3556 3556 3556 3562	773.0729 976.4532 951.5632 533.2681 1286.6110 667.8586 726.3921 1011.9900 787.3969 226.3713 1098.0590 834.388 631.3664 597.3438 644.7604 683.3220 1101.3664 920.7653 649.8881 480.5915 649.8881 787.0402 955.7542 92.8182 557.7542 92.8182 557.7542 92.8182 557.7542 92.8182 557.7542 92.8182 557.7542 92.8182 557.7542 92.8185 962.7773 1161.5890 938.7670 970.0759 692.0041	2926, 3378 1901,1118 1566,7925 2571,2074 1353,7026 1688,9245 2021,9654 2359,1689 2176,0921 2194,1034 2500,1416 1616,8430 630,3591 1787,0926 2046,9442 2200,0174 2759,2741 1248,6616 1438,7527 1248,6616 1438,7527 1248,6616 1555,6890 268,0988 2852,2768 2975,4328 1113,4938 2481,3279 2481,3471 3231,1634 2813,2792 2072,2995 2072,2995	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0868 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1297.7605 1438.7490 1248.6649 1255.6867 1268.1031 1288.3398 2975.4299 2885.2389 2971.429 2885.3393 2321.1620 2881.3294 2813.2248 2307.2005 2072.9945 3051.3396	1.82 -1.03 -0.05 -0.88 -0.29 -1.96 -0.29 3.14 -0.81 -0.81 -0.61 -1.33 0.64 3.09 2.57 -2.57 1.53 -1.53	1 1 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.5e+003 3.4e+003 3.4e+003 3.4e+003 3.4e+003 1.1e+003		GGATYMYMINISPINANGEALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLINFIK CLGNSLSYAGNLAYR MONNOFRMIDDRYLANNDLK + Oxidation (M) ERRYHERGMYK EEFFGGILPIRSYR EENDLGIPTDDSMYR EARMEITLPTVEVIPLGAMER + 2 Oxidation (M) ANAVAKLGANGETGTENGFLYSK + Oxidation (M) TABLAIRINNOWNEETITE + 2 Oxidation (M) MINISPLEDIAKCHONNOMEK + 2 Oxidation (M) TABLAIRINNOWNEETITE + 2 Oxidation (M) ALLDI KGISITTSVIGIPTHR CLGSUTHANCIK ELGARVAYQOGNIANPADR + Carbamidomethyl (C) NOWNEGCHORPTSSPFEERAGK MSSATTFFSFFEEDTADGSLTERR + Oxidation (M) NANALAVLEELK LIVLDPHSSEMAK REMILIDERG UNGCLGNEMOKH + Oxidation (M) PHYTSMALEPADLATFSVEK + Carbamidomethyl (C); Oxidation (M) MONGCLGNEMOKH + Oxidation (M) MONGCLGNEMOKH + Oxidation (M) MOSETFCPK + Oxidation (M) MOSETFCP
	3542 2529 3394 1530 2609 3275 2818 2841 2343 1285 2623 3419 1285 3382 3419 1285 3353 3557 3557 3557 3557 3557 357 3	773.0729 976.4532 976.4532 951.5532 533.2681 1286.6110 677.8586 563.9921 1011.9900 787.3969 726.3713 1098.0590 884.3878 809.4288 661.3664 597.3438 644.7604 663.3220 1101.0160 920.7653 649.8881 757.0402 951.7662 992.8182 557.7542 825.7542 825.7542 825.7542 825.7542 825.7542 827.7542	2926,3378 1901,1118 1566,7925 2571,2074 1353,7026 1688,9245 2021,9654 2359,1689 2176,0921 2194,1034 2500,1416 1616,8430 630,3591 1789,0096 1287,5062 2046,9442 2200,0174 2759,2741 1287,7616 1438,7527 1248,6616 1555,6898 2852,2768 2975,4328 1131,4384 2457,5424 2458,3101 2321,1634 2451,3427 2485,3101 2321,1634 2481,32792 2321,1634 2813,2792 2307,2099 2072,9905 3051,3202 2741,3080	2316.1961 1991.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1248.6491 1248.6491 1255.6667 2268.1031 2852.2489 2975.4343 1113.4947 2458.3039 2321.1620 2321.1620 2321.1620 2321.1620 2321.26	1.82 -1.03   0.05   -0.88   -0.29   -1.96   0.47   0.47   -0.81   0.47   -0.11   0.89   0.47   -0.11   0.89   0.64   0.81   0.84   0.81   0.84   0.81   0.84   0.85   0.64   0.87   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.65   0.66   0.67   0.67   0.67   0.67   0.67   0.68   0.61   0.61   0.61   0.62   0.63   0.64   0.64   0.65   0.65   0.65   0.66   0.67	1 1 0 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 3.4e+003 3.4e+003 3.9e+002 1.e+003 1.1e+003		GGATYMTMLVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIFQKLIQANVLNIFIK CLSNSLSYAGNLAYR MOINGIRMHIDDRYLANDLK + Oxidation (M) EREVIPESOMYK REFEGFLEPTRSYR ELINDLGIPTIDDSWCYR EAMMETITHYVSVIPLGAMMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) MEMLSHEPTLAKCHGAMMER + 2 Oxidation (M) MEMLSHIFFOLKKCHGAMMER + 2 Oxidation (M) TLAMLADLPUVSTR + Oxidation (M) ALISDI KGISITTSVIQIPYNR CLSCHYMANCTK ELGAEVAYQGCNIANBAR + Carbamidomethyl (C) NEVESCHANTPISSPERKAGK MGSATPTPSPFPEDPTADGSLTERR + Oxidation (M) KNAALAVLEELK LIVLDPHSSBMK REMLILDFGR RGMGCLGMEMOK + Oxidation (M) PNTHANLPFADIATFSVRCK + Carbamidomethyl (C); Oxidation (M) ROMSHEDEPAGDVLPVGETFAREER LOISMSAGCATOVLAFLGGSVAMARMER + Carbamidomethyl (C); Oxidation (M) MGSERFCK + Oxidati
	3542 2529 33394 15330 2055 2609 3275 2818 2861 3382 1978 1231 2623 2869 1231 1231 1231 1241 13557 653 3556 3556 3556 3562	773.0729 976.4532 976.4532 951.5532 533.2681 1286.6110 677.8586 563.9921 1011.9900 787.3969 726.3713 1098.0590 884.3878 809.4288 661.3664 597.3438 644.7604 663.3220 1101.0160 920.7653 649.8881 757.0402 951.7662 992.8182 557.7542 825.7542 825.7542 825.7542 825.7542 825.7542 827.7542	2926, 3378 1901,1118 1566,7925 2571,2074 1353,7026 1688,9245 2021,9654 2359,1689 2176,0921 2194,1034 2500,1416 1616,8430 630,3591 1787,0926 2046,9442 2200,0174 2759,2741 1248,6616 1438,7527 1248,6616 1438,7527 1248,6616 1555,6890 268,0988 2852,2768 2975,4328 1113,4938 2481,3279 2481,3471 3231,1634 2813,2792 2072,2995 2072,2995	2316.1961 1991.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1789.0098 1287.5080 2046.9429 2200.0107 2759.2708 1248.6491 1248.6491 1255.6667 2268.1031 2852.2489 2975.4343 1113.4947 2458.3039 2321.1620 2321.1620 2321.1620 2321.1620 2321.26	1.82 -1.03   0.05   -0.88   -0.29   -1.96   0.47   0.47   -0.81   0.47   -0.11   0.89   0.47   -0.11   0.89   0.64   0.81   0.84   0.81   0.84   0.81   0.84   0.85   0.64   0.87   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.64   0.89   0.65   0.66   0.67   0.67   0.67   0.67   0.67   0.68   0.61   0.61   0.61   0.62   0.63   0.64   0.64   0.65   0.65   0.65   0.66   0.67	1 1 0 1 1 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.5e+003 1.5e+003 3.4e+003 3.4e+003 3.4e+003 3.4e+003 1.1e+003		GGATYNTHLVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGIFMHIDDRYIANDLK + Oxidation (M) ERKYMFBGNYK EBIFGPILPIRSYR EHNDLGIFTTDDSMKYR ERNEMITEPVEVIPLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) THAEALTRIMOWRESTIFK + 2 Oxidation (M) EMLSNFLFDIANCHQNNOMK + 2 Oxidation (M) THAEALTRIMOWRESTIFK + 2 Oxidation (M) THAEALTRIMOWRESTIFK + Oxidation (M) THAILDLYDVOSTR + Oxidation (M) ATLSDI KGISITTSVLQIPYNR CLSCNTMANCTK ELGAFVAYQONIANPADR + Carbamidomethyl (C) NYVSGLNGTPTSSDFERMAK MSSATTPTSSPFEEDFANGK MSSATTPTSSPFEEDFANGK RSATTPTSSPFEEDFANGK RSATTPTSSPFEEDFANGK RSATTPTSSPFEEDFANGK RSATTTPSSPFEEDFANGK RS
	3542 2529 3394 1530 2609 3275 1883 3394 1530 2609 3275 187 187 2623 2343 31231 2623 2343 31231 1285 3419 1285 3511 1091 1874 1091 1874 1091 1874 1091 1874 1091 1874 1091	773.0729 976.4532 976.4532 951.5632 533.2681 1286.6110 677.8586 677.8586 972.63713 1098.0590 834.3882 631.3664 957.3438 644.7604 680.590 620.7653 649.8881 480.5915 625.3381 757.0402 992.8182 557.7542 820.4678 992.8186 958.7670 770.0759 692.0041 1018.1140 914.7766	2926, 3378 1901,1118 1566,7925 2571,2074 1353,7026 1688,9245 2021,9654 2359,1689 2176,0921 2194,1034 2500,1416 1616,8430 630,3591 1789,0096 1287,5027 1248,6616 12487,7656 12487	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1294.0973 2200.0107 2759.2708 12200.0107 2759.2708 1287.7605 1438.7490 1255.6867 2268.1031 2852.2849 2975.4343 1113.4947 2488.3339 2321.1620 2031.2848 2307.2005 2072.9945 3051.3966 2471.3045 2377.1947 2212.9848	1.82	1 1 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 3.4e+003 3.4e+003 3.9e+002 1.e+003 1.1e+003		GGATYMYMILVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIPQRLYQANVLNFIK CLSNSLSYAGNLAYR MDINDIFMHIDDRYLANDLK + Oxidation (M) EREYMFBSGMYK REFEGFLEPIRSYR REINGGILPIRSYR REINGGILPIRSYR RENDELTIPTVEVIPLGAMER + 2 Oxidation (M) ANAWAKLGAGMETGTEMGFLVEK + Oxidation (M) THEARIETMANWAKEGITHE + 2 Oxidation (M) MMLSHLGAGMETGTEMGFLVEK + Oxidation (M) MMLSHLGAGMETGTEMGFLVEK + Oxidation (M) TAMLADLPUDVSTR + Oxidation (M) ALISDI KOISITTSVIQIPYNR CLSCNYMANOTK REGARVAYQOGNIANBADR + Carbamidomethyl (C) KNRALAVLERLK MSSATFFPSPFEDPTADGSLTERR + Oxidation (M) KNRALAVLERLK REMLILDFGR ROWMCLOMEMONK + Oxidation (M) FRYTSMALPFADLATFSVEKK + Carbamidomethyl (C); Oxidation (M) ROMMCLOMEMONK + Oxidation (M) FRYTSMALPFADLATFSVEKK + Carbamidomethyl (C); Oxidation (M) MSERFICEK + OXIDATION (M) MSERFI
	3542 2529 1530 2609 2818 2861 1978 1231 2623 3419 1091	773.0729 976.4532 976.4532 951.5632 533.2681 1286.6110 677.8586 677.8586 972.63713 1098.0590 834.3882 631.3664 957.3438 644.7604 680.590 620.7653 649.8881 480.5915 625.3381 757.0402 992.8182 557.7542 820.4678 992.8186 958.7670 770.0759 692.0041 1018.1140 914.7766	2926, 3378 1901.1118 1566.7825 2571.2074 1353.7026 1688.9245 2021.9654 2359.1689 2176.0921 2194.1034 2500.1416 1616.8430 630.3591 1789.0096 12275.0272 1248.6616 1555.6890 2256.0998 2852.2768 2975.4248 1131.4938 2458.3816 2975.4247 2885.3101 2321.1634 2321.1634 2321.1634 2321.1634 2321.1639	2316.1961 2926.3324 1901.1138 1566.7824 2571.2097 1353.7041 1688.9250 2021.9694 2359.1651 2176.0968 2194.0973 2500.1337 1616.8444 630.3588 1294.0973 2200.0107 2759.2708 12200.0107 2759.2708 1287.7605 1438.7490 1255.6867 2268.1031 2852.2849 2975.4343 1113.4947 2488.3339 2321.1620 2031.2848 2307.2005 2072.9945 3051.3966 2471.3045 2377.1947 2212.9848	1.82	1 1 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 1 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.4e+002 1.1e+002 1.1e+003 1.2e+003 1.2e+003 1.2e+003 1.5e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.6e+003 1.7e+003 1.1e+003 1.9e+002 1.7e+002 1.1e+003		GGATYNTHLVSPNNAKGBALGDGATTDEK + 2 Oxidation (M) LIFQKLYQANVLNFIK CLSNSLSYAGNLAYR MOINGIFMHIDDRYIANDLK + Oxidation (M) ERKYMFBGNYK EBIFGPILPIRSYR EHNDLGIFTTDDSMKYR ERNEMITEPVEVIPLGAMER + 2 Oxidation (M) ANAWKLGAGMETGTEMGFLVSK + Oxidation (M) THAEALTRIMOWRESTIFK + 2 Oxidation (M) EMLSNFLFDIANCHQNNOMK + 2 Oxidation (M) THAEALTRIMOWRESTIFK + 2 Oxidation (M) THAEALTRIMOWRESTIFK + Oxidation (M) THAILDLYDVOSTR + Oxidation (M) ATLSDI KGISITTSVLQIPYNR CLSCNTMANCTK ELGAFVAYQONIANPADR + Carbamidomethyl (C) NYVSGLNGTPTSSDFERMAK MSSATTPTSSPFEEDFANGK MSSATTPTSSPFEEDFANGK RSATTPTSSPFEEDFANGK RSATTPTSSPFEEDFANGK RSATTPTSSPFEEDFANGK RSATTTPSSPFEEDFANGK RS

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856.4100 1710.8054 1710.8029 1.52 1
                                                                          QQAASSMELAKSSMAR + Oxidation (M)
        693.8248 2771.2701 2771.2611 3.24 1
                                                                          WIPEDKDCLKPPPFSYNGTYTPM + Carbamidomethyl (C); Oxidation (M)
  3434
         943.7702 2828.2888 2828.2927 -1.40 0
                                                                          MVCVDPHDIPVVAVVDPEMMSTMPK + Carbamidomethvl (C): 2 Oxidation (M)
         955.1074 2862.3004 2862.2986 0.61
                                                                          ERLSDVAISLQNCNNMFFCETVEK + Carbamidomethyl (C); Oxidation (M)
         945.0939 2832.2599 2832.2622 -0.82
        620.3099 1238.6052 1238.6078 -2.03
                                                  5 1.8e+003
        953.4769 1904.9392 1904.9448 -2.91
                                                                          AQSLEDCVGMARELLVR + Oxidation (M)
        722.3468 2164.0186 2164.0148 1.72
                                                                          MPEKIELPITGMSCAACAAR + Carbamidomethyl (C); Oxidation (M)
2773
図 330
        463.2296 924.4446 924.4413 3.59 0
         733.3432 2197.0078 2197.0058 0.91
                                                                          SSCLGCPFHENAOWRHIR + Carbamidomethyl (C)
        597.8187 2387.2457 2387.2519 -2.58
                                                                          NGSHSEKAVLGIVAFEVATLMSK
                                                                          DPNLAGLSRIIPPANLR
☑ 2408
         606.3510 1816.0312 1816.0319 -0.39
≥ 2738
        715.6679 2143.9819 2143.9844 -1.19 1
                                                                          VGDSPGVSYSDIAAKAYECGF
        852.4111 1702.8076 1702.8130 -3.17
                                                                          LGLENPMDMRDQIR + Oxidation (M)
        859.4841 1716.9536 1716.9518 1.10
        895.9865 1789.9584 1789.9621 -2.05
                                                                          LRSQPIDIPGLSVCHR
☑ 2347
☑ 2476
        621.3448 1861.0126 1861.0170 -2.37 1
                                                                          VAVVHNGIIDNAADVRAI
         621.6875 1862.0407 1862.0374 1.77
                                                  5 4.9e+002
                                                                          AGQPATIEVDALPGVRLE
        940.7531 2819.2375 2819.2427 -1.86 0
                                                                          NMMTWWGEAMGSVVLMDGELFAANK + 2 Oxidation (M)
3478
                                                  5 4.2e+002
        1171.0660 2340.1174 2340.1130 1.90
                                                  5 1.6e+003
                                                                          YVQPMTSPLYNNVISPVCDK + Carbamidomethyl (C); Oxidation (M)
                                                                          VSTNQHGLSMGAGANVNAFFGIMTMIIS + 2 Oxidation (M)
        967.4625 2899.3657 2899.3667 -0.35 0
                                                  5 1.2e+003
        582.6144 1744.8214 1744.8243 -1.67
                                                   5 1.4e+003
                                                                          CNAYLTTHGIQPIEW
        697.8235 2787.2649 2787.2553 3.43 1
                                                  5 7.2e+002
                                                                          SEIYPYDMAKIIELGEHCSMTER + Carbamidomethyl (C); Oxidation (M)
        1084.0440 2166.0734 2166.0739 -0.20
                                                   5 1.7e+003
                                                                          NQSSINQLFGREASLLMDK + Oxidation (M)
        720.7280 2159.1622 2159.1635 -0.62
                                                  5 9.2e+002
                                                                          RTFALALWSMTVIIAPICGP
        692.4188 1382.8230 1382.8245 -1.08
                                                                          GKDIVLANLVSVR
                                                  5 5.1e+002
        469.2610 1404.7612 1404.7613 -0.06 0
                                                  5 1.6e+003
                                                                          IDNLSOFINLTK
        875.4779 1748.9412 1748.9421 -0.47
                                                                          EGAIHLVLADGNAAISAK
                                                                          ADIEQRQQLVEAFVNDTELR
        792.0729 2373.1969 2373.1924 1.87 1
                                                  5 1.6e+003
 2663
        1045.4670 2088.9194 2088.9270 -3.60
                                                  5 5.8e+002
                                                                          QSLENSNTNFSATMSTVDK + Oxidation (M)
        584.6565 1750.9477 1750.9539 -3.56 0
                                                  5 8.7e+002
                                                                          TFQALLLETQVMLTK + Oxidation (M)
        1042.0160 2082.0174 2082.0139 1.70
                                                  5 2e+003
                                                                          MGLPADAVLVGGCGHAEWRK + Oxidation (M)
        771.9329 1541.8512 1541.8525 -0.83 1
                                                  5 1.5e+003
                                                                          TRALTPACOSSALAK
2709
        1067.5350 2133.0554 2133.0524 1.42 1
                                                  5 1.9e+003
                                                                          KWGAELSTMSELEQLQQF
        544.0150 2172.0309 2172.0382 -3.35 1
                                                  5 1.6e+003
                                                                          NNMHLSSSVHEEARFISAK + Oxidation (M)
        573.5523 2290.1801 2290.1780 0.92
                                                  5 1.5e+003
                                                                          LVEFLDGRPTPAVGFAMGIER + Oxidation (M)
        854.4084 3413.6045 3413.6068 -0.66 1
                                                  5 9.8e+002
                                                                          EMWIVHHSLEGMRGASTGPASGGVICFTPGTR + Carbamidomethyl (C); Oxidation (M)
        742.0380 2223.0922 2223.0915 0.30
                                                  5 1.8e+003
                                                                          EKVIEPMYETKPVNDIMR + 2 Oxidation (M)
        1028.9900 2055.9654 2055.9578 3.71 1
                                                  5 1.5e+003
                                                                          IADEKPGOAPRCPSCSOGR + Carbamidomethyl (C)
                                                                          LLCDLEPPEALPSLDECDR + Carbamidomethyl (C)
        1093.0140 2184.0134 2184.0078 2.57 0
                                                  5 1.3e+003
☑ 3559
        997.4760 2989.4062 2989.3990 2.39 1
                                                  5 1.2e+003
                                                                          NATDMEMARQLCTVACAGSGHRPGLIAK + Carbamidomethyl (C); 2 Oxidation (M)
☑ 2557
        965.5169 1929.0192 1929.0207 -0.77 1
                                                  5 1.5e+003
                                                                          SVAVDULOTUSKSVTLD
        874.4836 1746.9526 1746.9489 2.16 1
                                                  5 9.3e+002
                                                                          KHRPELLGAGAGGSLER
        686.3276 2055.9610 2055.9571 1.86
                                                  5 1.5e+003
                                                                          EEWTSEVFDMELLRTR + Oxidation (M)
        536.7501 2142.9713 2142.9793 -3.73 1
                                                  5 9.6e+002
                                                                          EVOSGFECGTGSNKFNNWK
        384.2354 766.4562 766.4589 -3.41 0
                                                  5 4.3e+002
                                                                          T.EDEDAT.
        1121.6120 2241.2094 2241.2013 3.62
                                                  5 9.3e+002
                                                                          T.DNT.ST.I.NGDVDT.PRCMTDK
☑ 3448
        929.0786 2784.2140 2784.2160 -0.71 0
                                                  5 4.2e+002
                                                                          ILAAFESDETWSDGPDTLCYHAMR + Carbamidomethyl (C)
        970.4684 1938.9222 1938.9258 -1.82 1
                                                  5 1.8e+003
                                                                          ERAGENAVYFIMGGPGSGK
        954.4322 2860.2748 2860.2648 3.49
                                                  5 5.9e+002
                                                                          LAYGIGGLMDGGGVSMMSCVMLAYMTK + Carbamidomethyl (C); 3 Oxidation (M)
3514
        952.5008 1902.9870 1902.9880 -0.52 1
                                                  5 1.9e+003
                                                                          KQSVVVFGFPGTTFFDK

    3167

        771.1022 2310.2848 2310.2882 -1.49
                                                  5 4.4e+002
                                                                          MRVLVTGHDGYIGSVLVPILR + Oxidation (M)
        690.8723 1379.7300 1379.7271 2.11 1
                                                  5 1.5e+003
                                                                          KGVAFGMI.FPGEK
図 300€
        752.3685 2254.0837 2254.0834 0.11 1
                                                  5 1.7e+003
                                                                          EIPGHLLQVQGDMSVNDCRK + Oxidation (M)
☑ 3396
        866.8046 2597.3920 2597.3966 -1.78 1
                                                  5 8.3e+002
                                                                          AVVLPVGTFLDGKIHIGLDNYSGGR
        605.3463 2417.3561 2417.3484 3.17 1
                                                  5 3.3e+002
                                                                          KWFILVALFGLGLAOHNPHTR
3345
        1084.5910 2167.1674 2167.1612 2.88 0
                                                  5 1e+003
                                                                          GATVVPLACWWGALELVASE + Carbamidomethyl (C)
        789.0678 2364.1816 2364.1817 -0.06 1
                                                  5 1.8e+003
                                                                          CELQLAAQNEMIVKLDDFLR + Oxidation (M)
₹ 3286
        882.9909 1763.9672 1763.9716 -2.47 1
                                                  5 9.7e+002
                                                                          LSTALTGMGSAGSRFLR + Oxidation (M)
2496
        941.0336 1880.0526 1880.0488 2.03
                                                  5 6.3e+002
                                                                          MGRPAVKVIMTVLHAGGK + Oxidation (M)
☑ 3482
        1412.6410 2823.2674 2823.2689 -0.52 1
                                                  5 7 20+002
                                                                          MVASSTPNNETANSAADNSLATDGASRR + Oxidation (M)

    □ 2333
        891.5043 1780.9940 1780.9948 -0.41 1
                                                  5 6.9e+002
                                                                          FOHILRILNTNIDGK
                                                                          EVNATLLMRNHAPWLANIK

    2850

        1096.0960 2190.1774 2190.1731 1.97
                                                  5 9.3e+002
2959
        748.0466 2241.1180 2241.1171 0.37 1
                                                  5 1.8e+003
                                                                          LAVHRALADALTSSAAMDAADR + Oxidation (M)
        472,2880 942,5614 942,5651 -3,85 1
                                                  5 2.5e+003
                                                                          GYHKVVI.K
                                                                          SWNTGHPGGVATVHADSAAKGLOR
☑ 3343
        806,4062 2416,1968 2416,1996 -1,18 1
                                                  5 1.8e+003

    2698

        1063.5010 2124.9874 2124.9939 -3.03 0
                                                  5 1.3e+003
                                                                          EDGHTOOWCVPYT.PTDPK

☑ 279

        441.1998 880.3850 880.3861 -1.24 0
                                                  5 5.6e+002
                                                                          GQCSSFPR
                                                  5 9e+002
W 1879
        781.4390 1560.8634 1560.8664 -1.89 1
                                                                          RIFYGTPAEPAVLK
                                                                          LQALMGQVMQNPALIK + 2 Oxidation (M)
☑ 2338
        596.3234 1785.9484 1785.9481 0.16 0
                                                  5 1.6e+003
        725.8489 2899.3665 2899.3631 1.18 1
                                                  5 1.4e+003
                                                                          NAAOOGHNGMLLRDNIFGSIEEDAOR + Oxidation (M)
☑ 2963
        1122.1090 2242.2034 2242.2004 1.34 1
                                                  5 1.1e+003 1
                                                                          LGHI LRTMPGEDGAKPPGVAAR
        951,7723 2852,2951 2852,2865 3,02 1
                                                  5 8.5e+002
                                                                          MNMEPT DHASHGRPGSSGGVRTMADSR
        586.0096 1755.0070 1755.0043 1.53 1
                                                                          LVSFRLPEDLLQGLR
2249
                                                  5 4.4e+002
        633.6395 1897.8967 1897.9013 -2.42 0
                                                  5 1.7e+003
                                                                          TTIEMKPATTLAMDSEK + 2 Oxidation (M)
2894
        737.0326 2208.0760 2208.0766 -0.28 0
                                                  5 1.9e+003
                                                                          LGLSGMTGSIAANCTLIAAEGDK + Oxidation (M)
        784.4003 2350.1791 2350.1852 -2.62 1
                                                                          HETLPGRFTGSLTAVVGPHSCK + Carbamidomethvl (C)
M 3265
                                                  5 1.9e+003
                                                                          SARTATVLLPDSGGLVPR
2393
        905.5140 1809.0134 1809.0108 1.44 1
                                                  5 6.6e+002
                                                                          ELGFGNINMDLIMGLPEENMDDVR + 2 Oxidation (M)
       1377.6300 2753.2454 2753.2346 3.93 0
                                                  5 8.8e+002
W 3415
        597.8566 1193.6986 1193.6993 -0.54 1
                                                  5 3.8e+002
                                                                          GROKPGTPVVR
        839.4058 1676.7970 1676.8005 -2.08 1
                                                  5 1.6e+003
                                                                          GKPDQAPKESESNYK
        1111.5980 2221.1814 2221.1817 -0.11 1
                                                  5 1.2e+003
                                                                          TAVAPDGMLWVSLYGTGKLVK + Oxidation (M)

    2916

        957,7752 2870,3038 2870,3082 -1.54 1
                                                  5 9.1e+002 1
                                                                          HRYGYSAACAEFTLAYLSPDGNPPDR
        563.9937 1688.9593 1688.9574 1.14 1
                                                  5 5.4e+002
                                                                          NLFITGGAGSGKSLVIR
        857.9037 3427.5857 3427.5929 -2.11 1
                                                  5 9.3e+002 1
                                                                          IMCFCPCFHVVLLMKQGLSPNDACESVIK + 3 Carbamidomethyl (C); 2 Oxidation (M)
        1058.0110 2114.0074 2114.0038 1.75 1 5 1.8e+003 1
                                                                          VRPSVVVACGYFDDSCRK + 2 Carbamidomethyl (C)
                                                                          CDTCGHRSECFSLNP
        556.8919 1667.6539 1667.6490 2.89 1
                                                 5 1.1e+002 1
        757.6947 2270.0623 2270.0534 3.91 1
                                                 5 1.5e+003 1
                                                                          EMVGDYLKMHGFAVTLCDGG
```

<b>*</b>	1463		1335.4592		2.24	0	5	8.1	1	YNNVXXXXQVR
<b>W</b>	1100		1248.6636		2.23	1	5	1.6e+003	1	LTARTSMTVGGR
<b>W</b>	3310		2388.1858		2.04	1	5	1.9e+003	1	DKEPDDKPGVEDPVTPAQPVQK
8	3497		2829.2725		-2.85	1	5	7.8e+002	1	AGDADLVMAAGMENMSASPFLMPGKVR + 4 Oxidation (M)
<b>W</b>	2208	873.4563	1744.8980	1744.9029	-2.79	1	5	2.4e+003	1	VLNREESLQLMDLLG + Oxidation (M)
8	2628	685.3648	2053.0726	2053.0653	3.55	1	5	1.5e+003	1	TEKVMDLISQLYDLLEK + Oxidation (M)
₩.	3470			2803.2714	-2.66	0	5	7.9e+002	1	YPSVDTLSMGMSGDMEAAIEAGSTIVR + Oxidation (M)
<b></b>	1586		1367.6260		0.65	1	5	1.2e+003	1	KNGEAASGAMYNR
<b></b>	2954	1117.5660	2233.1174	2233.1147	1.21	0	5	2e+003	1	DLEAQIAVVTSESNLQELMK + Oxidation (M)
8	2909	1109.5110	2217.0074	2217.0160	-3.87	1	4	1.1e+003	1	MTENAWFAARPSGTEDKYK + Oxidation (M)
<b>W</b>	1528	677.3958	1352.7770	1352.7776	-0.39	0	4	8.8e+002	1	ATPGAAILAGTAALR
₩	3203		2322.1669		1.34	1	4	2e+003	1	AALAPRTPASPADDCIVEEALR + Carbamidomethyl (C)
8	3293			2373.2236		1	4	1.7e+003	1	DAVAAAVRLHGEPMVHAHVTHR
8	1380			1312.6735		ī		1.6e+003	1	DGAPLQTPSGSKR
2	3282		2359.3054		2.86	ī		5.3e+002	1	MLRHIAFGLGGLAVLAAAFEFR
						0			1	MMSCVTSSGAASIPDVILPMCVIR + Carbamidomethyl (C); 2 Oxidation (M)
8	3393		2569.2100		0.67			1.8e+003		
8	3458			2787.2729		1		9.1e+002	1	RRPSQAQAEEEIEDEAAEATELCR + Carbamidomethyl (C)
₩	3538			2919.3704		1		1.2e+003	1	AFEQIMEALKDDSIDMIGLYGMGGVGK + 2 Oxidation (M)
<b>V</b>	2424			1829.0485		0		4.3e+002	1	ATLLIAGAAVMTVWVLGK + Oxidation (M)
8	3182			2316.1961		1		1.8e+003	1	KGVAAFIENLIGSEQAEEAVNK
<b>*</b>	2856		2191.1056		0.01	0		2.1e+003	1	DISAAICGGDTPHIGAVALASPR
<b>W</b>	3524		2877.3165		1.02	0	4	1e+003	1	YSEPASLWDLAEAVLCPMTHMGLDR + Carbamidomethyl (C); Oxidation (M)
<b>W</b>	2391	904.9221	1807.8296	1807.8267	1.64	1	4	1.5e+003	1	KCEAGAVNTACPVCVTDK
8	3507	948.4326	2842.2760	2842.2816	-2.00	1	4	7.9e+002	1	WGSHTNEHCFIQMPDNHHQPVKK + Carbamidomethyl (C); Oxidation (M)
<b>W</b>	3546	733.5938	2930.3461	2930.3361	3.41	1	4	1e+003	1	CTSTGVIKCQQGGQPMSAENISWYAAK + Carbamidomethyl (C); Oxidation (M)
₩.	1765	738.8839	1475.7532	1475.7555	-1.50	0	4	2.7e+003	1	QYQMGLANPLLGR + Oxidation (M)
<b>*</b>	3486	943.7696	2828.2870	2828.2892	-0.78	1	4	9.7e+002	1	CSETVTAGRSGTMGDIDAMAVGLTAWR + Carbamidomethyl (C); Oxidation (M)
₩	1051	618.7771	1235.5396	1235.5386	0.82	1	4	7.1e+002	1	RMAMEAEENR
<b>V</b>	2016		1653.8384		1.34	0	4	2.2e+003	1	ELVPEGQTPETWLR
8	3329			2399.3552		1	4	3.6e+002	1	RTLVMAVAAAVVLFLVGGFFYR
2	3240		2340.1390		2.08	1	4	2e+003	1	EQEVIRCYLEGMTVTEIAEK
	3297			2374.1991		0		1.9e+003	1	FEETSIIASWPELMGKPVANR
8	_									
8	1768			1481.6205		0	4	4.1e+002	1	SEPPGQDQAAAMQH + Oxidation (M)
8	3332		2402.0302		2.02	0	4	4.1e+002	1	LNANDDAASDAEFDEMLSALMK + 2 Oxidation (M)
8	3573			3420.5853		1	4	9.5e+002	1	EAFFEEQTQSLCIIMEFADNGDLQTKIER + Oxidation (M)
8	1044		1233.6391		0.27	1		3.5e+003	1	TRVLDGTVDMK
<b>*</b>	2690			2112.9879		0		1.6e+003	1	HASHVDVFWPGQADPTHGR
₩.	3572			3413.6200		1	4	1.3e+003	1	LMGLLMTDGEHGTCRVVAAACTIGEAIEHEVR + 2 Oxidation (M)
<b>W</b>	3284	788.0634	2361.1684	2361.1708	-1.04	1	4	2.3e+003	1	VWEVMPIENLQMRLEDSLK + 2 Oxidation (M)
<b>3</b>	2842	1093.6190	2185.2234	2185.2299	-2.97	0	4	4.5e+002	1	WLILIIPTVTNGIWEYVR
<b>W</b>	2553	961.9209	1921.8272	1921.8298	-1.35	0	4	6.7e+002	1	NEAIDMGPVMDASSWQR + Oxidation (M)
₩	3214	1165.5240	2329.0334	2329.0348	-0.58	0	4	8.4e+002	1	AAALLSSGCNDMGGSIMNESITR + 2 Oxidation (M)
<b>W</b>	2817			2176.0933		0	4	2.3e+003	1	GNDVIVVLSAMGDTTDELIAK + Oxidation (M)
8	3391			2559.2673		0		2.1e+003	1	GPSMTIDTACSSSLVAVHQAISALK + Carbamidomethyl (C); Oxidation (M)
₩	3565		3113.6722			1		7.2e+002	1	AIAGTVGGEVTEELPGSALQKHPDVVIIADK
8	324		917.3688		2.96	0		1.7e+002	1	SATCTHNQ + Carbamidomethyl (C)
8	2043		1678.8154		3.42	1		2.7e+003	1	MTQAEFATHRGVSTK + Oxidation (M)
₩	3177			2314.1813		0		2.2e+003	1	LGCKPPIQAPSTEPSGIVAMYR
				1766.8113		0		1.5e+003	1	
8	2267				2.53	0			1	QAITAAGSGCMAAMLAER + Oxidation (M)
8	1396		1315.6264		2.53	1		2.1e+003	1	MAYDAQLYGLR + Oxidation (M)
8	2440		1834.0028					1.3e+003		IAPGFEPSGGPLVPSPKGK
₩	3255		2347.1734			1		2.2e+003	1	ANVQLLPDPSIPTNESGMRHR + Oxidation (M)
<b>*</b>	2350			1789.9542		1		1.7e+003	1	QGIRNSMVMLNTSVIK
8	3216			2330.1545		1		2.3e+003	1	LGILAHMGAETVGKQIAMDMGR + 2 Oxidation (M)
₩.	3147	1152.1470		2302.2831		1	4	5.7e+002	1	SKVLIAISGGVDSVVLAHLCHK + Carbamidomethyl (C)
<b></b>	228	416.2522	830.4898	830.4902	-0.39	0	4	3.7e+002	1	ITPPYLK
<b>W</b>	377	478.7857	955.5568	955.5563	0.58	1	4	3e+003	1	AIPRASVSR
₩	2737	1072.6130	2143.2114	2143.2041	3.42	0	4	4.5e+002	1	QFVILNQIVVPLQDYINK
<b>V</b>	3519	957.7743	2870.3011	2870.3111		1	4	1e+003	1	QICMTEEEYSCMLAIILFRSDYR + Carbamidomethyl (C)
8	2917	741.4018	2221.1836	2221.1796	1.78	1	4	1.3e+003	1	NSAQVFIAAYGLAWIQRWK
8	2240			1751.8625		1	4	2.3e+003	1	GGRAEVVNADSMLVYR + Oxidation (M)
₩	3273		2357.2854		3.29	1	4	8.2e+002	1	MELGTRTIFNILGPLTNPAGVK + Oxidation (M)
8	3280			2359.1736		1	4	2.2e+003	1	EAEIVANAGQRGMVTIATNMAGR
8	3356			2432.1981		0	4	2.4e+003	1	CVVVFHGGEPLLMGSGEIAAFAR + Carbamidomethyl (C); Oxidation (M)
2	3484			2825.1805		0	4	2.4e+002	1	CQDNFFLVDGDTGCQECPTCYALVK + Carbamidomethyl (C)
8	2825			2182.0160	0.47	0	4	1.8e+003	1	HNTVSLGMLHSGGFSAMHAGR + Oxidation (M)
E						1	4		1	VPVDKWPDPGAVLPVLVAMDDMR + 2 Oxidation (M)
	3300									
	3390	1276.6470	2551.2794	2551.2815	-0.80			2.2e+003		
₩	3522	1276.6470 957.7765	2551.2794 2870.3077	2551.2815 2870.3116	-0.80 -1.36	1	4	1.2e+003	1	QWWADNKPGMTFGIGATMTRNEAEK + 2 Oxidation (M)
•	3522 3342	1276.6470 957.7765 1209.1020	2551.2794 2870.3077 2416.1894	2551.2815 2870.3116 2416.1814	-0.80 -1.36 3.34	1	4	1.2e+003 2.4e+003	1	QWWADNKPGMTFGIGATMTRNEAEK + 2 Oxidation (M) SHGMSIDSRHVMLLADLMTFR
8	3522 3342 1077	1276.6470 957.7765 1209.1020 623.7542	2551.2794 2870.3077 2416.1894 1245.4938	2551.2815 2870.3116 2416.1814 1245.4940	-0.80 -1.36 3.34 -0.16	1 1 0	4 4 4	1.2e+003 2.4e+003 2.1e+002	1 1 1	<pre>CMWADNKPGMTFGIGATMTRNEAEK + 2 Oxidation (M) SHGMSIDSRHVMLLADLMTFR GACEAVFSCMR + Carbamidomethyl (C); Oxidation (M)</pre>
8 8	3522 3342 1077 3306	1276.6470 957.7765 1209.1020 623.7542 794.0322	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696	-0.80 -1.36 3.34 -0.16 2.19	1 1 0	4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003	1 1 1	QMWADNKPGMTFGIGATMTRNEAEK + 2 Oxidation (M) SSGMSIDSRRVMLLADLANTPR GACEAVPSCMR + Carbamidomethyl (C); Oxidation (M) DGLMEAGFAITMFNAGRSCGCGK + Carbamidomethyl (C)
× ×	3522 3342 1077 3306 3374	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475	-0.80 -1.36 3.34 -0.16 2.19 3.10	1 0 1 0	4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003	1 1 1	QMWADNKPGMTFGIGATMTNNAEK + 2 Oxidation (M) SSGMSIDSRWMLLADIANTPR GACEAVPSCMR + Carbamidomethyl (C); Oxidation (M) DGLMEAGFAITMPNAGRSGCCK + Carbamidomethyl (C) MAILPQNPESAGGLTVGELVSYGR + Oxidation (M)
× × × ×	3522 3342 1077 3306 3374 2919	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65	1 1 0 1 0	4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002	1 1 1 1 1	QMMADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SSGGSIDERGYMLADJANTER GACEANTSGER + Carbamidomethyl (C); Oxidation (M) DGLMEAGFAITMFMAGRSCGCKK + Carbamidomethyl (C) MAILPQMPESAGGLTVGELVSYGR + Oxidation (M) OPPDTGGGPSETGGGPSUTDFR
X X X X X	3522 3342 1077 3306 3374 2919 2841	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60	1 0 1 0 0	4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003	1 1 1 1 1 1	QMWADNKPGMTFGIGATMTNEAEK + 2 Oxidation (M) SHGMSIDGRRVMLLADLMTFR GACEAVFSCHR + Carbamidomethyl (C); Oxidation (M) DGLNEAGFAITMPNAQRSCOCCK + Carbamidomethyl (C) MAILPQNNESAGGLTVGELVSYGE + Oxidation (M) QPPDTGGQPSKTGGQPSDTDFR QRFLQQHDQVLGLGFDER
* * * * *	3522 3342 1077 3306 3374 2919 2841 3474	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92	1 0 1 0 0 1	4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1e+003	1 1 1 1 1 1 1	QWADDERGHTFOLGATHTENEARE + 2 Oxidation (M) SHORSIDERHVMLLADIMITER GACTRAVFSCUR + Carbamidomethyl (C); Oxidation (M) DOLHRAGFALTHPHAGRSCUCCK + Carbamidomethyl (C) MALIPONESAGGLTVGELVSTUR + Oxidation (M) QPPDTGGQPSETGGQPSDTDPR QRFLQGHDQVLGLGFDER LEGGMMQBETTHEGAARMFLMAAR + Oxidation (M)
* * * * *	3522 3342 1077 3306 3374 2919 2841 3474	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92	1 0 1 0 0 1	4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003	1 1 1 1 1 1 1	QMWADNKPGMTFGIGATMTNEAEK + 2 Oxidation (M) SHGMSIDGRRVMLLADLMTFR GACEAVFSCHR + Carbamidomethyl (C); Oxidation (M) DGLNEAGFAITMPNAQRSCOCCK + Carbamidomethyl (C) MAILPQNNESAGGLTVGELVSYGE + Oxidation (M) QPPDTGGQPSKTGGQPSDTDFR QRFLQQHDQVLGLGFDER
* * * *	3522 3342 1077 3306 3374 2919 2841 3474 3178	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57	1 0 1 0 0 1 1 1	4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1e+003	1 1 1 1 1 1 1 1 1	CHARADERCHIFFOLGATHINEAREK + 2 Oxidation (M) SHGMSIDSHIVMLLADIMITER GACEAVFSCUR + Carbamidomethyl (C); Oxidation (M) DGLIMEAGFALTHFHAGASCOCCK + Carbamidomethyl (C) MALIPANNESAGGLITUGELNYSUR + Oxidation (M) OPPIDTGGOPSETGGOPSITDFR GRFLQQHDOVLGLGFDER LEGENMOSWETTEKGAEMMINAAR + Oxidation (M) ADLEDLITVMERFGIDIAVVR + Oxidation (M) HANSYLERMFCLEPVR + Oxidation (M)
X X X X X X X X X X X X X X X X X X X	3522 3342 1077 3306 3374 2919 2841 3474 3178	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440 1158.5800 1036.9910	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22	1 0 1 0 0 1 1 0	4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1e+003 2.6e+003	1 1 1 1 1 1 1 1 1 1	QMWADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SHGMSIDERRYMLLADIANTER GACEAVTSGER + Carbanidomethyl (C); Oxidation (M) DGLIMEAGFAITMFMAGRSCGCKK + Carbanidomethyl (C) MAILPONDESAGGLTVGELVSYGR + Oxidation (M) OPPDTGGG9SETGGQPSDTDFR GRETQGHDOVLGLGFDER LECKNGGEMETTMEGARMFLINAAR + Oxidation (M) ADLEDLTVMEMEGFGIDTAVVR + Oxidation (M)
* * * * * * * * * * *	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515	1276.6470 957.7765 1209.1020 623.7542 825.7590 556.7501 729.3730 1407.6440 11036.9910 954.4333	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21	1 0 1 0 0 0 1 1 0 0	4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1e+003 2.6e+003	1 1 1 1 1 1 1 1 1 1	CHARADERCHIFFOLGATHINEAREK + 2 Oxidation (M) SHGMSIDSHIVMLLADIMITER GACEAVFSCUR + Carbamidomethyl (C); Oxidation (M) DGLIMEAGFALTHFHAGASCOCCK + Carbamidomethyl (C) MALIPANNESAGGLITUGELNYSUR + Oxidation (M) OPPIDTGGOPSETGGOPSITDFR GRFLQQHDOVLGLGFDER LEGENMOSWETTEKGAEMMINAAR + Oxidation (M) ADLEDLITVMERFGIDIAVVR + Oxidation (M) HANSYLERMFCLEPVR + Oxidation (M)
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242	1276.6470 957.7765 1209.1020 623.7542 825.7590 556.7501 729.3730 1407.6440 1158.5800 1036.9910 954.4333 876.9794	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87	1 0 1 0 0 0 1 1 0 0 0	4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1e+003 2.6e+003 2.1e+003 8.3e+002 1.5e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QWWADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SHGGSIDERMYMILADIANTER GACEANTPGER + Carbamidomethyl (C); Oxidation (M) DDIAMEAGRAITHPMAGREGOCOK + Carbamidomethyl (C) MAILPQNMPESAGGLTVGELNYSYGR + Oxidation (M) OPPDTGGGPS ETGGGPSITDPR QRFLQGHDQVLGLGPDER LEGGWNGBWETHEGARMVLHAARR + Oxidation (M) ADLDLTVVMEMPGIDYAVVR + Oxidation (M) HANEYLEHMTFCLPPVR + Oxidation (M) GCILVDERWNGTHLEDVYAAGDCARVR + Oxidation (M)
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440 1158.5800 1036.9910 954.4333 876.9794 594.3115	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442 2373.2169	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458 2373.2117	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18	1 0 1 0 0 0 1 1 0 0 0	4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2.e+003 8.2e+002 2.5e+003 2.6e+003 2.1e+003 2.1e+003 2.2e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QWADARKEGHTFOLGATHINNEAREK + 2 Oxidation (M) SHOWSIDERHVMLLADIMITER GACEAVFSCUR + Carbamidomethyl (C); Oxidation (M) DOLHARGFALTHPHAGRSCUCCK + Carbamidomethyl (C) MALLPONDESAGGLTVGELVSTUR + Oxidation (M) QPPDTGGQPSETGGQPSDTDPR QRFLQGHDQVLGLGFDER LEGNUMGMETHEBGARMFLHAAR + Oxidation (M) ADLEDLTVVHEMFGIDYAVVR + Oxidation (M) HANTYLENFFCLEPVR + Oxidation (M) GCILVDEYMGTNLEDVAAGDCAEVR + Oxidation (M) FSLFDLIGLGEAAGKK  GYENVELOLVSNISAFSFFMK
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 729.3730 1407.6440 1158.5800 1036.9910 954.4333 876.9794 594.3115 743.3680	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442 2373.2169 2227.0822	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458 2373.2117 2227.0790	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41	1 1 0 1 0 0 1 1 0 0 0 1 1 1 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+002 2.5e+003 1e+003 2.6e+003 2.1e+003 8.3e+002 1.5e+003 2.2e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QMWADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SSGGSIDERGYMELADIANTER GACEAVFSCER + Carbamidomethyl (C); Oxidation (M) DDLIMEAGFAITHFMAGRSCGCKH + Carbamidomethyl (C) MAILPQNFESAGGLTVGELVSYGR + Oxidation (M) OPPOTGOGPSETGOGPSITDFR QRFTQGHDQVIGLGFDER LECKMYGBETTHEGARMFLIANAR + Oxidation (M) ADLSDLTVVHEMFGIDYAVVR + Oxidation (M) HANNTLEMMTFCLFFVR + Oxidation (M) GCILVDETMOTLDFVAXAGCAVX + Oxidation (M) FSLEDLLGLGEAAGKK GYENVELGVLVSNTSAFSFWK MASGSGKKLFSYESGGGIATLH + Oxidation (M)
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938 3445	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440 1158.5800 934.4333 876.9794 594.3115 743.3680 924.7672	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442 2373.2169 2227.0822 2771.2798	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458 2373.2117 2227.0790 2771.2796	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41	1 1 0 1 0 0 1 1 0 0 0 1 1 1 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1e+003 2.1e+003 8.3e+002 1.5e+003 2.2e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COMMADNE CONTROLLANTERNAMENE + 2 Oxidation (M) SHICHS IDSRIVUMLADIANTER GACERATSCORR + Carbanidomethyl (C); Oxidation (M) DOLLARGEATINIPHAGRECOCOK + Carbanidomethyl (C) MAILPONNESSAGGLITUGENLYSTOR + Oxidation (M) OPPIDIOGOPSETICGOPSITOPE (REPLONDOWLOLEPDER LEGENMOSWETTHEGRAEMFLINAAR + Oxidation (M) ADLEDLITUMENFOLIPYAVVR + Oxidation (M) GCILVDETMOTILEPOTAVVR + Oxidation (M) GCILVDETMOTILEPOTAVAGENCARV + Oxidation (M) HANSTLEBRICELPOYR + Oxidation (M) GCILVDETMOTILEPOTAVAGENCARV + Oxidation (M) ELEDILLGLERAAKEK GYENVELGVLVSNISAFSFWK MASGGKTLESYESGEGIATLR + Oxidation (M) CRSSEVYSEPGELLDVSGSSEGWWR + Carbanidomethyl (C)
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938 3445 2513	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 729.3730 1407.6440 1036.9910 954.4333 876.9794 594.3115 743.3680 924.7672 632.0238	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442 2373.2169 2227.0822 2771.2798 1893.0496	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458 2373.2117 2227.0790 2771.2796 1893.0506	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41 0.07	1 0 0 0 0 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 8.2e+002 2.5e+003 2.6e+003 2.1e+003 2.2e+003 2.2e+003 2.4e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QWWADNKFGMTFGIGATHTENEARK + 2 Oxidation (M) SHGGSIDERRYMILADIANTER GACEANTSGER + Carbamidomethyl (C); Oxidation (M) DDIAMEAGRAITHPMAGREGOCOK + Carbamidomethyl (C) MAILPONNESAGGLTUGENUSYGGR + Oxidation (M) GPEDTGGGPSETGGGPSITDTPR GREFLOGHDOVILALGEPER LEGENUGBENTHEGARAMILADAR + Oxidation (M) ADLEDLTVUMEMPGIDYAVVR + Oxidation (M) HANEYLEHMTFCLEPVR + Oxidation (M) GCILVDERMYMILEDVYAAGDCARVR + Oxidation (M) FSLEDLLGLGEAAGKSK GTENVELGUVANNTSAFSFMK MASGSCKTLPSYESGGGIATLR + Oxidation (M) CRESTUSPPGELLDVSGSECHWER + Carbamidomethyl (C) IVGLHENGTVILMLRVK
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938 3445 2513 3453	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440 1158.5800 1036.9910 954.4333 876.9794 594.3115 743.3680 924.7672 632.0238 930.0952	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 1751.9442 2373.2169 2227.0822 2771.2798	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458 2373.2117 2227.0790 2771.2796 2787.2731	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41 0.07 -0.54 -3.35	1 1 0 1 0 0 1 1 0 0 0 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 8.2e+003 8.2e+003 2.5e+003 2.1e+003 2.1e+003 8.3e+002 1.5e+003 2.2e+003 1.5e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QMWADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SSGMSIDERRYMLLADIANTER GACEAVFSGMR + Carbamidomethyl (C); Oxidation (M) DOLINEAGFAITHFMAGRSCGCKK + Carbamidomethyl (C) MAILPQNESAGGLTVGELNSYGR + Oxidation (M) OPPDTGGG9STDTPR GRFLQGHDQVLGLGFDER LEGRWQEWETTHEGARMFLIMAR + Oxidation (M) ADLEDLTVUMEMFGIDFAVVR + Oxidation (M) HANSTLEMMTFGLDFVR + Oxidation (M) GCILVDETWGTHLDDVTAADCCAEVR + Oxidation (M) FSLFDLLGLGEAGKSK GYENVELGVLVSNTSAFSFWK MAGSGKGTLDSYSGSGGAWR + Carbamidomethyl (C) IVGLHENGTVLIMLRVK NESGOTNAMWVDDLFSIDAMGFIK + Oxidation (M)
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938 3445 2513 3453 3568	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440 1158.5800 1036.9910 954.4333 876.9794 594.3115 743.3680 924.7672 632.0228 930.0952	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9462 2771.2798 1893.0496 2787.2638 3936.5817	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 2771.2796 2771.2796 1893.0506 2787.2731 3396.5735	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41 0.07 -0.54 -3.35 2.42	1 0 1 0 0 0 1 1 0 0 0 0 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+002 1.3e+002 1.3e+003 2e+003 8.2e+003 2.5e+003 2.1e+003 2.1e+003 2.2e+003 2.2e+003 2.2e+003 2.4e+003 1.5e+003 1.5e+003 1.1e+003		QWADMKFGHTFGIGATHINNEAEK + 2 Oxidation (M) SHOWSIDERHVMLLADIMITER GACEAVFSCUR + Carbamidomethyl (C); Oxidation (M) DDIALBAGFAITHPHAGRSCUCK + Carbamidomethyl (C) MAILPONDESAGGLTVGELVSTUR + Oxidation (M) QPPDTGGQPSETGGQPSDTDPR QBFLQGHDQVLGLGFDER LEGWMQBMSTTHEBAARMFLHAAR + Oxidation (M) ADLEDLTVVHEMFGIDYAVVR + Oxidation (M) GCILVDEYMGTNLFDLDVAVGLOCATION GCILVDEYMGTNLFDUYAAGDCAEVR + Oxidation (M) FSILFDLGLGGEAAGKSK KGYENVSLOLVSNISAFSFWK MAGSGKTLPSYESGBGIATLK + Oxidation (M) CRSSPVSPBGPGLLDVSGSECWR + Carbamidomethyl (C) IVGLHENGTVIDMLRVK NEBGGTNAKNVDDLFSIDANGFIK + Oxidation (M) GCMCETEILVNESGCOFTUYSDAMSTVSTEK
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938 3445 3453 3568 2561	1276.6470 957.7765 1209.1020 623.7542 794.0322 825.7590 556.7501 729.3730 1407.6440 1158.5800 1036.9910 954.4333 876.9794 594.3115 743.3680 924.7672 632.0238 930.0952 850.1527 965.9710	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2660.2781 1751.9442 2373.2169 2277.2789 22771.2789 22771.2789 2393.2169 2393.2169 2393.2169 2393.2169 2393.2169	2551.2815 2870.3116 2416.1814 1245.4940 2379.0996 2474.2475 222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2660.2718 1751.9458 2373.2117 2227.0790 2771.2796 2783.2793 2793.27	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 2.21 -0.57 2.22 2.21 -0.87 2.18 1.41 0.07 -0.54 -3.35 2.42	1 0 1 0 0 0 1 1 0 0 0 0 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1.e+003 2.1e+003 2.2e+003 2.2e+003 2.2e+003 2.4e+003 1.5e+003 9.6e+002 1.1e+003 1.3e+003 2.3e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QWWADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SHGMSIDERMYMILADIANTER GACEANTEGER + Carbamidomethyl (C); Oxidation (M) DDIAMEAGRAITHFMAGREGCCK + Carbamidomethyl (C) MAILPQNMPESAGGLTVGELNYSYGR + Oxidation (M) OPPHTGGGPSETGGGPSITDER GREFQGHDOVLGLGFDER LEGOWNGBWETHEGARMFURANAR + Oxidation (M) ANLEDLTVWHEMPGIDVAVVR + Oxidation (M) HANEYLEHHITTCLFPVR + Oxidation (M) GCILVDERMYMILDDVYAAGCCARVR + Oxidation (M) FSLEDLLGLGEAAGKSK GTENVELGUVANITSAFSFMK MAGGGGKTLFSYESGEGIATLR + Oxidation (M) CRSSPVSFPPGELLDVSGSECWER + Carbamidomethyl (C) IVGHENGTUPHLRVK NEEGOTNAMSVDLFSIDANGFIK + Oxidation (M) QKMCERTSLVNDSGQPFFVTSDAMSTVSTEK INNGGBDIAMESGSUR
	3522 3342 1077 3306 3374 2919 2841 3474 2650 3515 2242 3295 2938 3453 3453 3453 3568 2561 2509	1276,6470 957,7765 1209,1020 623,7542 794,0322 825,7590 556,7501 729,3730 1407,6440 1158,5800 1036,9910 954,4333 876,9794 594,3115 743,3680 924,7672 632,0238 930,0952 850,1527 965,9710 944,9379	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442 2373.2169 2227.0822 2771.2798 1893.0496 2787.2638 3396.5817 1929.9274	2551.2815 2870.3116 2416.1814 1245.4940 2379.0696 2474.2475 2222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2860.2718 1751.9458 2373.2117 2227.0790 2771.2796 1893.0506 2787.2731 3396.5735 1929.9214 1887.8607	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41 0.07 -0.54 -3.35 2.42 3.13	1 0 0 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.4e+002 1.3e+003 8.2e+003 2.5e+003 2.6e+003 2.1e+003 2.1e+003 2.2e+003 2.2e+003 1.5e+003 1.5e+003 1.1e+003 1.1e+003 1.3e+003 2.3e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CHARADERCHTFOUGATETENBAREK + 2 Oxidation (M) SHGMSIDSHIVMLLADIMITER GACEAVFSCUR + Carbamidomethyl (C); Oxidation (M) DOLLMEAGFALTHFMAGRSCOCK + Carbamidomethyl (C) MAILPONDESAGGLTVGELNYSUR + Oxidation (M) OPPIOTGOPSETGOPSITOFE (GRFLQQHDOVLGLGFDER LEGEMORSWEITHEKARAMINAAR + Oxidation (M) ADLEDLTVVHEMPGIDIAVVR + Oxidation (M) HANSYLEMIFCLEPVR + Oxidation (M) GCILVDEYMGTHLDVDYAAGDCAEVR + Oxidation (M) FSLEPLLGLGEAAKEKK GYENVELGVLVSNISAFSFWK MASGSKTLBSTESGEGIATLR + Oxidation (M) CKSSEVYSPSPGLLDVSGSSEGWWR + Carbamidomethyl (C) IVGLHENGTVIDHLRVK NEEGGYTHANDULFFEIDAMGFIK + Oxidation (M) OKHCESTELNSEGOPLVYSDAMSTVSTEK IINNGSDSLMESGOSHR FSVCTARAMNGFEASGR
	3522 3342 1077 3306 3374 2919 2841 3474 3178 2650 3515 2242 3295 2938 3445 3453 3568 2561	1276,6470 957,7765 1209,1020 623,7542 794,0322 825,7590 556,7501 729,3730 1407,6440 1158,5800 1036,9910 954,4333 876,9794 594,3115 743,3680 924,7672 632,0238 930,0952 850,1527 965,9710 944,9379	2551.2794 2870.3077 2416.1894 1245.4938 2379.0748 2474.2552 2222.9713 2185.0972 2813.2734 2315.1454 2071.9674 2860.2781 1751.9442 2373.2169 2227.0822 2771.2798 1893.0496 2787.2638 3396.5817 1929.9274	2551.2815 2870.3116 2416.1814 1245.4940 2379.0996 2474.2475 222.9676 2185.1029 2813.2789 2315.1468 2071.9608 2660.2718 1751.9458 2373.2117 2227.0790 2771.2796 2783.2793 2793.27	-0.80 -1.36 3.34 -0.16 2.19 3.10 1.65 -2.60 -1.92 -0.57 3.22 2.21 -0.87 2.18 1.41 0.07 -0.54 -3.35 2.42 3.13	1 0 0 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.2e+003 2.4e+003 2.1e+002 1.3e+003 2e+003 8.2e+002 2.5e+003 1.e+003 2.1e+003 2.2e+003 2.2e+003 2.2e+003 2.4e+003 1.5e+003 9.6e+002 1.1e+003 1.3e+003 2.3e+003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QWWADNKPGMTFGIGATMTENEARK + 2 Oxidation (M) SHGMSIDERMYMILADIANTER GACEANTEGER + Carbamidomethyl (C); Oxidation (M) DDIAMEAGRAITHFMAGREGCCK + Carbamidomethyl (C) MAILPQNMPESAGGLTVGELNYSYGR + Oxidation (M) OPPHTGGGPSETGGGPSITDER GREFQGHDOVLGLGFDER LEGOWNGBWETHEGARMFURANAR + Oxidation (M) ANLEDLTVWHEMPGIDVAVVR + Oxidation (M) HANEYLEHHITTCLFPVR + Oxidation (M) GCILVDERMYMILDDVYAAGCCARVR + Oxidation (M) FSLEDLLGLGEAAGKSK GTENVELGUVANITSAFSFMK MAGGGGKTLFSYESGEGIATLR + Oxidation (M) CRSSPVSFPPGELLDVSGSECWER + Carbamidomethyl (C) IVGHENGTUPHLRVK NEEGOTNAMSVDLFSIDANGFIK + Oxidation (M) QKMCERTSLVNDSGQPFFVTSDAMSTVSTEK INNGGBDIAMESGSUR

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811.0875 2430.2407 2430.2503 -3.96 1 3 2.2e+003 1
                                                                         LQASEMESYQRSQALVMLNDMANR + 2 Oxidation (M)
        939.7714 2816.2924 2816.2891 1.16 1
        494.3012 986.5878 986.5873 0.58 1
        1060.9320 2119.8494 2119.8510 -0.72
                                                                         MDRGYESYNVMAHCOER + 2 Oxidation (M)
                                                                          CTDGSGGIANLVNAGSTNVVRDMDIMR + 2 Oxidation (M)
        933.4357 2797.2853 2797.2793 2.13 1
3464
        511.6506 1531.9300 1531.9238 4.00
        1153.0730 2304.1314 2304.1240 3.22
                                                                         LKMAIQMGNQETGGSVIEMGEAEYMVR + 3 Oxidation (M)
        1007.4660 3019.3762 3019.3759 0.10
3562
        1188.5900 2375.1654 2375.1647 0.32
3301
        992.9890 1983.9634 1983.9684 -2.49
        802.7357 2405.1853 2405.1935 -3.43
図 3022
         754.4303 2260.2691 2260.2692 -0.03
                                                                         AAQKQEKPSVQGLIHIWLSK
        981.7875 2942.3407 2942.3298 3.71 1
                                                                         RMESFCMFFSVSFCISVMLSLAYR + Carbamidomethyl (C); 2 Oxidation (M)
☑ 3204
        581.5505 2322.1729 2322.1712 0.74
        1036.9910 2071.9674 2071.9732 -2.76
        1161.5520 2321.0894 2321.0818 3.27
                                                                         ASNGQNTVAGGFNINVNEMNVR + Oxidation (M)
☑ 3198
☑ 3360
        610.5746 2438.2693 2438.2699 -0.26
        935.4263 2803.2571 2803.2654 -2.96
                                                                         EDISHSFLPGEAQGAVDRETCQMAR + Carbamidomethyl (C)
                                                  3 9.9e+002
        929.7595 2786.2567 2786.2541 0.92
                                                                         NMPACFSGQSGTVDLGSVFFNGDKHR + Oxidation (M)
        868.6632 3470.6237 3470.6302 -1.88
                                                                         MDTQYQLLERVCDAAANQTILCVGDIMLDR + Carbamidomethyl (C); Oxidation (M)
図 3583
        350.1825 698.3504 698.3500 0.63 0
        449.2739 896.5332 896.5304 3.16
         786.7245 2357.1517 2357.1508 0.38
                                                  3 3.1e+003
                                                                         MPPPPPPMTSSPSSLFGSLSRR + 2 Oxidation (M)
        929.7572 2786.2498 2786.2454 1.57
                                                                         AFGTGLEGGVMDQQSVFSVETNGDAD
        986.5334 2956.5784 2956.5797 -0.46
                                                                         ADDAGTOLTLLITFLAAVFTSSYAVOIR
        631.3662 630.3589 630.3588 0.13 0
                                                  3 6.3e+003
        697.8232 2787.2637 2787.2633 0.15 0
                                                                          TMOEFRPDGWFITGDIVTMAEDGR + Oxidation (M)
        1003.4910 2004.9674 2004.9752 -3.88
                                                                         IKEQSAADYVPQTGENAGK
        911.2186 3640.8453 3640.8519 -1.81
                                                  3 1.5e+003
                                                                         QVKPSHRGELEITTLNEMYLNDGSLNVELLGR + Oxidation (M)
        778.3097 1554.6048 1554.6110 -3.98
                                                  3 1.2e+002
                                                                         EQWVDPSESDSYN
        568.3505 1134.6864 1134.6873 -0.75
                                                  3 6.6e+002
                                                                         HT.TATTGAT.AR
        805.3773 2413.1101 2413.1172 -2.97
                                                  3 1.9e+003
                                                                         DLOYDYVPVELAIENSSSATEA
 2759
        1079.0360 2156.0574 2156.0507 3.14 0
                                                  3 3e+003
                                                                         NLNVAAGHAMMGWSLGPITGK + 2 Oxidation (M)
  2837
        1093.0140 2184.0134 2184.0197 -2.88 1
                                                  3 2.1e+003
                                                                         LSAAYFLDSFCNSEVYRSI
        841.1242 2520.3508 2520.3522 -0.58 1
                                                 3 1.5e+003
                                                                         ARAAEVLLGADAWLMPTVSIAPPR + Oxidation (M)
        860.6518 3438.5781 3438.5742 1.14 0
                                                  3 1.2e+003
                                                                         VPMDPSELIIGTICGGSDGTSGMTGNPAAGLAFDR + 2 Oxidation (M)
        900.4472 1798.8798 1798.8785 0.77 0
                                                  3 3.1e+003
                                                                         DMLDLPVDGGHPRPHK + Oxidation (M)
        923.0139 1844.0132 1844.0077 3.00 1
                                                  3 1.6e+003
                                                                         OTVKLMGGATGVESELGK + Oxidation (M
        1117.5630 2233.1114 2233.1123 -0.38 1
                                                  3 3.3e+003
                                                                         GTSGGSIKFNITCSVLEMVFK + Oxidation (M)
        775.0434 2322.1084 2322.1087 -0.16 1
                                                  3 2.7e+003
                                                                         RTELADSPPEPGSASAGLPADER
        998.1318 2991.3736 2991.3623 3.75 1
                                                 3 1.5e+003
                                                                         LSHCQLEADVKAESIVVDMAANDSDMK + Carbamidomethyl (C); Oxidation (M)
        1044.4930 2086.9714 2086.9782 -3.25 1
                                                 3 2.2e+003
                                                                         IFVGYDPREDVAYEVCR + Carbamidomethyl (C)
        1162.1310 2322.2474 2322.2430 1.90 1
                                                  3 1.5e+003
                                                                         APPSEVI.TARRII.RATERVI.R
        778.4035 2332.1887 2332.1845 1.79
                                                  3 2.8e+003
                                                                         AGAAQTIVASSQRWALMTETPK + Oxidation (M)
        1066.0980 2130.1814 2130.1758 2.64 1
                                                 3 9.1e+002
                                                                         LKTGVMEILDYLDALAIPR
        940.7580 2819.2522 2819.2459 2.22 1
                                                  3 1e+003
                                                                         LHSRASTVVPSDSCMHLDMSAVCER + Carbamidomethyl (C); 2 Oxidation (M)
☑ 3479
        491.2994 1470.8764 1470.8745 1.31 1
                                                  3 4.4e+002
                                                                         MANPLEVGLLRIK
☑ 3490
        943.7706 2828.2900 2828.2984 -2.96
                                                  2 1.6e+003
                                                                         NLLVQPGCEHCFRTAEHDHQQPR + 2 Carbamidomethyl (C)
        974.1277 2919.3613 2919.3544 2.34 1
                                                  2 1.9e+003
                                                                         EINKATGTQMCSHWFSASQWQLPNR
        493.7883 1971.1241 1971.1261 -1.01 0
                                                  2 5.8e+002
                                                                         SLAMLPMGLTVLVGVLVAR + 2 Oxidation (M)
2580
        726.7069 2177.0989 2177.1006 -0.79
                                                  2 3.1e+003
                                                                         DLMMMALADRIASELAAALR + Oxidation (M)
  184
        403.1561 804.2976 804.3007 -3.78
                                                  2 1.5e+002
                                                                         CDMSGHR
        935.0861 2802.2365 2802.2386 -0.78 1
                                                  2 9.9e+002
                                                                         PIGSYCPSCRYPCFPTDLMNPVR + 3 Carbamidomethyl (C); Oxidation (M)
3200
        1161.6500 2321.2854 2321.2856 -0.07 1
                                                  2 8.2e+002
                                                                         LTVVGRVPAGSVFPGTVGPGEAVR
☑ 3218
        778.3808 2332.1206 2332.1265 -2.56 1
                                                                          MAWSKMNSLLLVSGGLGMFDK + 3 Oxidation (M)
        1114.5730 2227.1314 2227.1233 3.66
                                                  2 3.1e+003
                                                                         TAVAAIEVVSRSNPDNDWVGK
2941
        356,1408 710,2670 710,2662 1,19 0
                                                  2 1.2e+002
                                                                         OACCMR
        363.6711 725.3276 725.3266 1.51 0
                                                  2 4e+002
                                                                         SMVSISS + Oxidation (M)
        1135.5570 2269.0994 2269.0911 3.67 0
                                                  2 3.4e+003
                                                                         VLNYCLYGSPQAMAPWIAEK + Oxidation (M)
        426,2461 850,4776 850,4773 0,38
                                                  2 1.8e+003
                                                                         AGHSKPVR
        944.0986 2829.2740 2829.2673 2.36 1
                                                  2 1 40+003
                                                                         SHKAWMIEHTMYVTSOEGGTCVFR + 2 Oxidation (M)
₩ 3549
        981.7827 2942.3263 2942.3175 3.00 1
                                                  2 1.4e+003
                                                                         EOAAAYSGPETTIDCRSMVPEGASPGFR + Oxidation (M)

■ 1946

        792.7858 1583.5570 1583.5552 1.19 0
                                                                         DGGHDODVCNYCCR
☑ 3330
        1201.7050 2401.3954 2401.3919 1.47 1
                                                                         SALLACLAVTLLLGGVWAYARLK
W 3466
        935.0765 2802.2077 2802.2171 -3.38 1
                                                  2 6.8e+002
                                                                         ATTTTTTAEPESGEGAOEMMEVDER + 2 Oxidation (M)

    3487

        943,7700 2828,2882 2828,2976 -3,34
                                                  2 1.6e+003
                                                                         MHTLFDNHNHDNLEEIIYPAYAR + Oxidation (M)
        948.5474 1895.0802 1895.0777 1.37
                                                  2 9.2e+002
                                                                         NMTFTTSTLCFLLTVR
☑ 3585
        1166.2120 3495.6142 3495.6181 -1.12 1
                                                  2 1.7e+003
                                                                         MARLSFQTGLPSGPSCENEANACGQLTIDSLR + 2 Carbamidomethyl (C); Oxidation (M)
560.3426 1118.6706 1118.6672 3.05 1
                                                                         OGERAHISIDPLHOMICGR + Carbamidomethyl (C): Oxidation (M)
☑ 2950
        745.3701 2233.0885 2233.0844 1.81 1
                                                  2 3.8e+003
☑ 3577
        862.4070 3445.5989 3445.5952 1.07 1
                                                  2 1.7e+003
                                                                         AAYDMGOVVNPRAAEGOIEGGIAMGMGYALTEK + 3 Oxidation (M)
                                                                         RPLLALLVACLLAGVCVATGMVWDPFR + Oxidation (M)
☑ 3535
        967.5259 2899.5559 2899.5639 -2.75 0
                                                  2 1.5e+003
                                                                         GLGMGSTSGFVAAOLDALGMDTTGADDAMR
₩ 3544
        976,7886 2927,3440 2927,3463 -0.81 0
                                                  2 1.8e+003
                                                                         FDYAPHQAHATGMLELVGMDDKSDR + Oxidation (M)
3480
        940.7596 2819.2570 2819.2643 -2.60
                                                  2 1.3e+003
        903.5102 1805.0058 1805.0047 0.65 1
                                                  2 1.1e+003
                                                                         LDEVTLEALLNRLIGH
☑ 2389

■ 843

        591.7304 1181.4462 1181.4506 -3.70 1
                                                  2 1.7e+002
                                                                         REEEDDDMK + Oxidation (M)
₩ 3575
        1146.8720 3437.5942 3437.6038 -2.81 0
                                                  2 1.8e+003
                                                                         ELTOGANVOANSLOESAAAVEOMSSSMNAISOK + Oxidation (M)
                                                                         GDLDROIGEALCEITSIDPPMEGGSEK + Oxidation (M)
₩ 3523
        959.4498 2875.3276 2875.3215 2.10 1
                                                 2 2.2e+003
        404.2325 806.4504 806.4473 3.93 0
                                                  2 1.9e+003
        783.4069 2347.1989 2347.2059 -3.01 1
                                                  2 3.2e+003
                                                                         YKLALENGVGTSEWNDIPTLE
3257
        963.4983 1924.9820 1924.9750 3.64 1
                                                  2 3.9e+003
                                                                         KFSLGASCLLELVDSGME
2554
        1035.0280 2068.0414 2068.0338 3.72 1
                                                 2 4.4e+003
                                                                         QRDNGLGGESIWDILNPGK
☑ 2645
        841.3236 1680.6326 1680.6297 1.77 0
                                                                         YYNNGDPYACECR + 2 Carbamidomethyl (C)

図 3553

        989.5306 2965.5700 2965.5761 -2.05 1
                                                 2 1.8e+003 1
                                                                         RSTDSELHVVEOINVDFVVEISILPK
        414.7617 827.5088 827.5116 -3.38 1
                                                 2 3e+003
        919.7573 2756.2501 2756.2543 -1.53 1
                                                2 1.8e+003 1
                                                                         VWLSCAFCCLPTGESLSPSCGAAKR + 3 Carbamidomethyl (C)

■ 3541 1463.2770 2924.5394 2924.5396 -0.07 1

                                                 2 2.1e+003 1
                                                                         QRFVGTVSDPGEIEWTTGLPVIATVPR
       943.7746 2828.3020 2828.3127 -3.78 1
                                                2 2.1e+003 1
                                                                         ICCFLPSHSCNPIMCFLRCLLGSQK + Oxidation (M)
```

736.4472 1470.8798 495.7504 1484.2294

```
933.5240 1865.0334 1865.0384 -2.64 1 2 1.3e+003 1
                                                                         GNVAALSNSASSGPVSNNPSPR
        1042.0140 2082.0134 2082.0090 2.14 0
  2660
        640.2731 1917.7975 1917.8044 -3.62 1
                                                                         KAMTSSDGATADAMSGETR + 2 Oxidation (M)
         906.9569 1811.8992 1811.9014 -1.19
        1011.8230 3032.4472 3032.4510 -1.25 1
                                                                         TTSVSPRSPVAGGPPPTASTTESGDCGFTIF
☑ 3563
        351.6677 701.3208 701.3232 -3.33
                                                  1 9.6e+002
                                                                         HQEEYFDIPTSNLTPTQIR
        1145.0580 2288.1014 2288.1073 -2.56
                                                                         MSTLAPFGTVRSMGSSTLDWCYLACGR + Carbamidomethyl (C)
☑ 3554
        989.7902 2966.3488 2966.3547 -2.01
        627.3640 1879.0702 1879.0680 1.17
        1402.6350 2803.2554 2803.2471 2.97
                                                                         AICCFDCLPCAAGEISNLTDSTKCIR + Carbamidomethyl (C)
        949.4296 2845.2670 2845.2600 2.45
                                                                         ETTYIGGTDNCYVEYTQATSSAAATTK
        1112.4930 2222.9714 2222.9711 0.14
                                                                         DYTSQMEPLASLTASECFSK + Oxidation (M)
☑ 2920
        780.4696 1558.9246 1558.9307 -3.91 1
                                                  1 5.4e+002
図 3193
        1160.0810 2318.1474 2318.1506 -1.37
                                                                         MLLMIAVETPGMNCILRPDL + Carbamidomethyl (C); 2 Oxidation (M)
        864.9119 3455.6185 3455.6198 -0.38
                                                                          DEVPAPDNLTIRVYVNGECMQENHTGNLVR + Carbamidomethyl (C); Oxidation (M)
         692.4191 1382.8236 1382.8245 -0.63
                                                                         NLVAALKGIVTER

☑ 1634

         543.3152 542.3079 542.3064 2.79
         626.3782 1250.7418 1250.7459 -3.21
                                                                         LIELRANPAVR
        592.2240 1182.4334 1182.4355 -1.75
                                                                          GGGMSPMMEAAE + Oxidation (M)
        1194.0380 2386.0614 2386.0641 -1.13 1
                                                                         MLAPSGEMPAGNESLSRDTHDR + Oxidation (M)
        758.4579 1514.9012 1514.9072 -3.92 1
                                                  1 4.6e+002
☑ 3494
         943.7714 2828.2924 2828.3006 -2.90
                                                                          EGDKFTGLMAFAGATMIMGSFCTAIAR + 2 Oxidation (M)
         714.4286 1426.8426 1426.8408 1.27 1
                                                                         AALPAPPPLTAPRR
        1174.5780 2347.1414 2347.1419 -0.20
                                                                         NLSRNGVMHEGYYSYLFGLK
                                                                         YFGLGLENGNYTVNLK
        901.4627 1800.9108 1800.9046 3.45
                                                                         LMCMEDDPNDK + 2 Oxidation (M)
  1486
         671.7493 1341.4840 1341.4887 -3.45 0
         957.7745 2870.3017 2870.3046 -1.03 1
                                                 1 2.1e+003 1
                                                                         AVKQTFASLCEGCICPPEFPVCVCGR + 2 Carbamidomethyl (C)
         480.8014 959.5882 959.5916 -3.52
                                                  1 9.3e+002
                                                                         RPVPPPVAK
        1102.1090 2202.2034 2202.2055 -0.95
                                                                         LGQPGSILALVSPSGGMAVRHR
         496.9750 1487.9032 1487.8977 3.71
                                                  0 2.2e+002
                                                                         VPRLVPSPFLHVK
        1049.5220 2097.0294 2097.0235 2.86
                                                  0 5.1e+003
                                                                         LVLGGEEREMTIMFSDVR + Oxidation (M)
         949.1016 2844.2830 2844.2926 -3.37
                                                  0 1.9e+003
                                                                         FHDYWGSAPSIEQASYMAVGRAETR + Oxidation (M)
☑ 3495
         943.7717 2828.2933 2828.2892 1.45 1
                                                  0 2.6e+003
                                                                         CSETVTAGRSGTMGDIDAMAVGLTAWR + Carbamidomethyl (C); Oxidation (M)
☑ 2646
        1035.9370 2069.8594 2069.8621 -1.29 1
                                                  0 6.6e+002
                                                                          DECNIDED SESTINGS ESUDEN
        797.0707 2388.1903 2388.1948 -1.90 0
                                                  0 5.3e+003
                                                                         VLEIESPLVVDNTFVDLDDEK
         467.6240 1399.8502 1399.8551 -3.52
                                                  0 4.1e+002
                                                                         LAAPPPPVALVISR
         652.4095 1302.8044 1302.8023 1.63 0
                                                  0 2.7e+002
                                                                         LPLTPLPLAAAAR

    1099

         625.3389 1248.6632 1248.6615 1.40
                                                  0 4.3e+003
                                                                         SFGDRPPFKAK
         549.3354 1096.6562 1096.6604 -3.80 0
                                                  0 2.4e+003
                                                                         APLTALATALR
         943.7709 2828.2909 2828.2957 -1.71 0
                                                  0 2.6e+003 1
                                                                         TGTLTTNEMTVVTVSTFHATGEACER + Carbamidomethyl (C); Oxidation (M)
889.3506 1776.6866 1776.6841 1.44 0
                                                 0 2.1e+002 1
                                                                         GVCVNGTCYCMDGWR + 2 Carbamidomethyl (C)
        1067.6100 3199.8082 3199.8164 -2.57 1
                                                 0 4.9e+002 1
                                                                         VCTGPTPWVAVVHIMMIPTIIIRAIVVVR + Oxidation (M)
        1189.1070 2376.1994 2376.2004 -0.39 1
                                                0 5.2e+003 1
                                                                         TLAPLAPEMMPGAQVVASKFMR + 2 Oxidation (M)
        948.0921 2841.2545 2841.2512 1.16 1
                                                 0 1.6e+003 1
                                                                         GWFTSGSSTALPAPNPSTMDSGSGDKDR + Oxidation (M)
         599.7703 1197.5260 1197.5223 3.11 0 0 2.4e+003 1
                                                                         GDYCELELEK
         419.3155 418.3082
         419.3156 418.3083
         419 3156
                  418.3083
         419.3156
                  418.3083
         419.3156
                  418.3083
         419.3156
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         419.3157
                  418.3084
         419.3157
                  418.3084
         493 2525
                  492.2452
        510.2779
                  509.2706
        538.3273 537.3200
        557.2977
                  556.2904
        568.3514
                  567.3441
        653.3500
                  652.3427
        671.3620
                  670.3547
         362 2225
                  722 4304
        384.6514
                  767.2882
   134
        385.2269
                  768.4392
         406.2487
                  810.4828
        419.3155
                  836.6164
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                  897.2476
         464.1079
                  926.2012
        489.3141 976.6136
         495.8337 989.6528
W 431
≥ 488
        516.3146 1030.6146
        523.3036 1044.5926
        531.6996 1061.3846
        545.3168 1088.6190
        545.3177 1088.6208
        564.1767 1126.3388
₹ 797
        582.3516 1162.6886
        602.7225 1203.4304
605.0281 1208.0416
        607.1976 1212.3806
        627.5749 1253.1352
1114
        641.2153 1280.4160
2 1206
        648.3960 1294.7774

    1276

☑ 1718

        711.2332 1420.4518
M 1745
        482.2994 1443.8764
        723.4388 1444.8630

□ 1746

        736.4461 1470.8776
1762
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    № 1792
    № 1907
    № 1917

        758.4592 1514.9038
         784.7799 1567.5452
         526.3254 1575.9544
☑ 1963
         802.4857 1602.9568
849.5836 1697.1526

    2115

         852.2592 1702.5038
☑ 2330
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☑ 2351
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         955.4037 1908.7928
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 ☑ 2567
         973.0016 1943.9886
☑ 2598
         998.4896 1994.9646
 ☑ 2620
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☑ 3005
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 ☑ 3027
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☑ 3181
        1159.0750 2316.1354
☑ 3220
        1167.0860 2332.1574
        1197.1050 2392.1954
 ☑ 3371
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 ☑ 3395
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☑ 3404
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☑ 3406
         878.7282 2633.1628
 ☑ 3411
         910.1669 2727.4789
☑ 3471
         936.0983 2805.2731
```

## Search Parameters

Type of search : MS/MS Ion Search
Enzyme
2 Trypsin
Wariable modifications: Carbamidomethyl (C).Oxidation (M)
Mass values : Monoisotopic
Protein Mass : Unrestricted

rrotein mass : onrestrict peptide Mass Tolerance : ± 4 ppm Fragment Mass Tolerance: ± 0.4 Da Max Missed Cleavages : 1 Instrument type : ESI-TRAP Number of queries : 3588

Mascot: http://www.matrixscience.com/

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