

S4 Fig MASCOT Search Results – Trypsin Sample

MASCOT SCIENCE Mascot Search Results

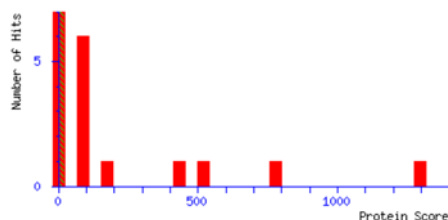
User :
 Email :
 Search title : Submitted from Extraction 17432 by Mascot Daemon on APAF-WS-08
 MS data file : \\apaf-hpv-file\projects\External\17432_VicUniWell_SandiDempsey_20150209\1_MassSpec\5600\Run1\Results\150213_P17432_SD1096-1_1.MGF
 Database : sp_sheep_140625 sheep_140625_ (647 sequences; 258179 residues)
 Timestamp : 15 Feb 2015 at 21:52:32 GMT
 Protein hits : [Q9TTE2](#) sp|[Q9TTE2](#)|[PGS2_SHEEP](#) Decorin OS=Ovis aries GN=DCN PE=2 SV=1
[P60713](#) sp|P60713|ACTB_SHEEP Actin, cytoplasmic 1 OS=Ovis aries GN=ACTB PE=2 SV=1
[Q9MZA9](#) sp|Q9MZA9|VIME_SHEEP Vimentin (Fragment) OS=Ovis aries GN=VIM PE=2 SV=3
[O77727](#) sp|O77727|K1C15_SHEEP Keratin, type I cytoskeletal 15 OS=Ovis aries GN=KRT15 PE=2 SV=1
[O46390](#) sp|O46390|PGS1_SHEEP Biglycan OS=Ovis aries GN=BGN PE=2 SV=1
[Q6B7M7](#) sp|Q6B7M7|COP1_SHEEP Cofilin-1 OS=Ovis aries GN=CFL1 PE=2 SV=3
[P68251](#) sp|P68251|1433B_SHEEP 14-3-3 protein beta/alpha (Fragments) OS=Ovis aries GN=YWHAB PE=1 SV=2
[Q6YNC8](#) sp|Q6YNC8|H2AZ_SHEEP Histone H2A.Z OS=Ovis aries GN=H2AFZ PE=2 SV=3
[P62896](#) sp|P62896|CYC_SHEEP Cytochrome c OS=Ovis aries GN=CYCS PE=1 SV=2
[Q9BGM5](#) sp|Q9BGM5|K1C25_SHEEP Keratin, type I cytoskeletal 25 OS=Ovis aries GN=KRT25 PE=2 SV=1
[Q28554](#) sp|Q28554|G3P_SHEEP Glyceraldehyde-3-phosphate dehydrogenase (Fragment) OS=Ovis aries GN=GAPDH PE=2 SV=4
[P15241](#) sp|P15241|K2M2_SHEEP Keratin, type II microfibrillar, component 7C OS=Ovis aries PE=1 SV=1
[P21814](#) sp|P21814|UTMP_SHEEP Uterine milk protein OS=Ovis aries PE=1 SV=2
[Q83957](#) sp|Q83957|NCAP_ORSVW Nucleoprotein OS=Ovine respiratory syncytial virus (strain WSU 83-1578) GN=N PE=2 SV=1
[P01318](#) sp|P01318|INS_SHEEP Insulin OS=Ovis aries GN=INS PE=1 SV=2
[P03370](#) sp|P03370|POL_VILV Pol polyprotein OS=Maedi visna virus (strain 1514) GN=pol PE=3 SV=1
[POC276](#) sp|POC276|RL40_SHEEP Ubiquitin-60S ribosomal protein L40 OS=Ovis aries GN=UBA52 PE=2 SV=2

sp_sheep_140625 [Decoy](#) False discovery rate

Peptide matches above identity threshold 104 3 2.88 %
 Peptide matches above homology or identity threshold 104 3 2.88 %

Mascot Score Histogram

Ions score is $-10 * \log(P)$, where P is the probability that the observed match is a random event.
 Individual ions scores > 19 indicate identity or extensive homology (p<0.01).
 Protein scores are derived from ions scores as a non-probabilistic basis for ranking protein hits.



Peptide Summary Report

Format As Peptide Summary [Help](#)
 Significance threshold p< 0.01 Max. number of hits AUTO Show Percolator scores
 Standard scoring MudPIT scoring Ions score or expect cut-off 19 Show sub-sets 0
 Show pop-ups Suppress pop-ups Sort unassigned Decreasing Score Require bold red

Select All Select None Search Selected Error tolerant Archive Report

1. [Q9TTE2](#) Mass: 39947 Score: 1295 Matches: 30(30) Sequences: 5(5) emPAI: 0.89

[sp|Q9TTE2|PGS2_SHEEP](#) Decorin OS=Ovis aries GN=DCN PE=2 SV=1

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
<input checked="" type="checkbox"/> 476	550.3283	1098.6420	1098.6437	-1.56	0	(59)	1.3e-006	1	U	K.ISPGAFAPLVK.L
<input checked="" type="checkbox"/> 477	550.3284	1098.6423	1098.6437	-1.27	0	(65)	2.8e-007	1	U	K.ISPGAFAPLVK.L
<input checked="" type="checkbox"/> 478	550.3287	1098.6428	1098.6437	-0.83	0	(51)	8.2e-006	1	U	K.ISPGAFAPLVK.L
<input checked="" type="checkbox"/> 479	550.3288	1098.6430	1098.6437	-0.67	0	66	2.5e-007	1	U	K.ISPGAFAPLVK.L
<input checked="" type="checkbox"/> 586	389.2077	1164.6014	1164.6026	-1.10	1	(46)	2.5e-005	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 587	389.2077	1164.6014	1164.6026	-1.08	1	(49)	1.3e-005	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 588	389.2078	1164.6017	1164.6026	-0.84	1	(48)	1.8e-005	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 589	583.3082	1164.6018	1164.6026	-0.69	1	(57)	2e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 590	583.3082	1164.6018	1164.6026	-0.69	1	61	8.3e-007	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 591	583.3082	1164.6018	1164.6026	-0.69	1	(57)	2e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 592	583.3085	1164.6024	1164.6026	-0.20	1	(55)	3e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 593	583.3085	1164.6024	1164.6026	-0.20	1	(59)	1.3e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 594	583.3085	1164.6024	1164.6026	-0.20	1	(56)	2.7e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 595	583.3085	1164.6024	1164.6026	-0.20	1	(54)	4e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 596	583.3085	1164.6024	1164.6026	-0.20	1	(58)	1.8e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 597	389.2081	1164.6024	1164.6026	-0.20	1	(58)	1.7e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 598	389.2082	1164.6028	1164.6026	0.16	1	(51)	9e-006	1	U	K.ITEIKDGFK.N
<input checked="" type="checkbox"/> 797	431.5934	1291.7584	1291.7612	-2.15	0	73	5.3e-008	1	U	K.NLHTLILINNK.I
<input checked="" type="checkbox"/> 798	646.8870	1291.7595	1291.7612	-1.28	0	(53)	5.5e-006	1	U	K.NLHTLILINNK.I
<input checked="" type="checkbox"/> 799	646.8878	1291.7610	1291.7612	-0.17	0	(48)	1.7e-005	1	U	K.NLHTLILINNK.I
<input checked="" type="checkbox"/> 800	646.8878	1291.7610	1291.7612	-0.17	0	(52)	6.3e-006	1	U	K.NLHTLILINNK.I
<input checked="" type="checkbox"/> 154	431.5948	1291.7626	1291.7612	1.10	0	(36)	0.00026	1	U	K.NLHTLILINNK.I
<input checked="" type="checkbox"/> 1205	833.9335	1665.8524	1665.8573	-2.96	0	99	1.2e-010	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1206	833.9335	1665.8524	1665.8573	-2.96	0	(97)	2.4e-010	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1207	833.9335	1665.8524	1665.8573	-2.96	0	(87)	2e-009	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1208	833.9335	1665.8524	1665.8573	-2.94	0	(79)	1.4e-008	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1209	833.9335	1665.8524	1665.8573	-2.94	0	(94)	4.2e-010	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1210	556.2929	1665.8567	1665.8573	-0.37	0	(61)	9.3e-007	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1211	556.2929	1665.8568	1665.8573	-0.34	0	(94)	4.2e-010	1	U	K.DLPPDTALLDLQNNK.I
<input checked="" type="checkbox"/> 1460	664.3621	1990.0644	1990.0735	-4.54	1	52	6.1e-006	1	U	K.VPKDLPPDTALLDLQNNK.I

2. [P60713](#) Mass: 41710 Score: 797 Matches: 23(23) Sequences: 7(7) emPAI: 0.84

sp|P60713|ACTB_SHEEP Actin, cytoplasmic 1 OS=Ovis aries GN=ACTB PE=2 SV=1

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
78	398.2388	794.4630	794.4650	-2.50	0	(32)	0.00064	1	U	K.IIAPPER.K
79	398.2388	794.4630	794.4650	-2.47	0	(29)	0.0013	1	U	K.IIAPPER.K
80	398.2389	794.4633	794.4650	-2.20	0	40	9.2e-005	1	U	K.IIAPPER.K
535	566.7669	1131.5193	1131.5197	-0.27	0	45	3.1e-005	1	U	R.GYSFTTTAER.E
536	566.7671	1131.5196	1131.5197	-0.00	0	(42)	7e-005	1	U	R.GYSFTTTAER.E
537	566.7672	1131.5198	1131.5197	0.14	0	(44)	4.2e-005	1	U	R.GYSFTTTAER.E
538	566.7685	1131.5224	1131.5197	2.47	0	(43)	5.6e-005	1	U	R.GYSFTTTAER.E
582	581.3102	1160.6059	1160.6111	-4.46	0	37	0.00043	1	U	K.EITALAPSTMK.I
662	400.2392	1197.6958	1197.6982	-2.05	0	45	3.2e-005	1	U	R.AVFPISIVGRPR.H
1097	506.2393	1515.6962	1515.6954	0.54	0	79	1.3e-008	1	U	K.QEYDESGPSIVHR.K
1098	506.2394	1515.6964	1515.6954	0.70	0	(71)	8.4e-008	1	U	K.QEYDESGPSIVHR.K
1365	895.9486	1789.8826	1789.8846	-1.11	0	(67)	2.5e-007	1	U	K.SYELPDGQVITIGNER.F
1366	597.6354	1789.8843	1789.8846	-0.18	0	85	4.3e-009	1	U	K.SYELPDGQVITIGNER.F
1367	597.6354	1789.8843	1789.8846	-0.18	0	(64)	5.3e-007	1	U	K.SYELPDGQVITIGNER.F
1368	597.6354	1789.8843	1789.8846	-0.18	0	(65)	4.1e-007	1	U	K.SYELPDGQVITIGNER.F
1369	597.6355	1789.8848	1789.8846	0.11	0	(72)	7.8e-008	1	U	K.SYELPDGQVITIGNER.F
1370	597.6355	1789.8848	1789.8846	0.11	0	(56)	3.2e-006	1	U	K.SYELPDGQVITIGNER.F
1371	597.6355	1789.8848	1789.8846	0.11	0	(64)	4.8e-007	1	U	K.SYELPDGQVITIGNER.F
1372	597.6355	1789.8848	1789.8846	0.11	0	(63)	6.7e-007	1	U	K.SYELPDGQVITIGNER.F
1373	895.9552	1789.8959	1789.8846	6.30	0	(66)	3e-007	1	U	K.SYELPDGQVITIGNER.F
1431	652.0268	1953.0555	1953.0571	-0.81	0	(42)	5.7e-005	1	U	R.VAPEEHPVLLTEAPLNPK.A
1432	652.0265	1953.0577	1953.0571	-0.31	0	(43)	5e-005	1	U	R.VAPEEHPVLLTEAPLNPK.A
1433	652.0271	1953.0595	1953.0571	1.23	0	48	1.6e-005	1	U	R.VAPEEHPVLLTEAPLNPK.A

3. [Q9MZA9](#) Mass: 17161 Score: 524 Matches: 13(13) Sequences: 7(7) emPAI: 3.20

sp|Q9MZA9|VIM2_SHEEP Vimentin (Fragment) OS=Ovis aries GN=VIM PE=2 SV=3

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
161	435.7210	869.4274	869.4283	-1.00	0	38	0.00016	1	U	R.FANYIDK.V
200	453.7364	905.4583	905.4607	-2.56	0	36	0.00038	1	U	R.FLEQQNK.I
507	558.2944	1114.5742	1114.5618	11.1	0	38	0.00078	1	U	K.VELQELNDR.F
526	375.8723	1124.5952	1124.5978	-2.31	1	63	4.6e-007	1	U	R.FANYIDKVR.F
599	585.3605	1168.7064	1168.7067	-0.23	0	(48)	1.7e-005	1	U	K.ILLAELEQLK.G
600	585.3605	1168.7065	1168.7067	-0.11	0	59	1.2e-006	1	U	K.ILLAELEQLK.G
601	585.3609	1168.7072	1168.7067	0.47	0	(48)	1.4e-005	1	U	K.ILLAELEQLK.G
1121	770.4561	1538.8975	1538.9032	-3.64	1	(55)	3.5e-006	1	U	K.ILLAELEQLKGGQK.S
1122	513.9738	1538.8995	1538.9032	-2.38	1	(65)	2.9e-007	1	U	K.ILLAELEQLKGGQK.S
1123	513.9741	1538.9005	1538.9032	-1.70	1	81	8.7e-009	1	U	K.ILLAELEQLKGGQK.S
1124	513.9744	1538.9013	1538.9032	-1.20	1	(56)	2.6e-006	1	U	K.ILLAELEQLKGGQK.S
1167	529.9372	1586.7897	1586.7900	-0.21	1	96	3e-010	1	U	R.TNEKVELQELNDR.F
1168	529.9374	1586.7902	1586.7900	0.15	1	(88)	1.9e-009	1	U	R.TNEKVELQELNDR.F

4. [O77727](#) Mass: 48740 Score: 420 Matches: 12(12) Sequences: 6(6) emPAI: 0.48

sp|O77727|K1C15_SHEEP Keratin, type I cytoskeletal 15 OS=Ovis aries GN=KRT15 PE=2 SV=1

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
90	404.2027	806.3907	806.3923	-1.87	0	(35)	0.00033	1	U	R.LAADDRF.L
91	404.2034	806.3921	806.3923	-0.14	0	(40)	0.00012	1	U	R.LAADDRF.L
92	404.2034	806.3923	806.3923	0.04	0	44	4.1e-005	1	U	R.LAADDRF.L
101	412.2307	822.4469	822.4487	-2.16	0	(44)	4.3e-005	1	U	R.LASYLEK.V
102	412.2312	822.4477	822.4487	-1.14	0	44	4.1e-005	1	U	R.LASYLEK.V
365	516.3010	1030.5874	1030.5910	-3.48	0	(44)	3.7e-005	1	U	R.VLDELTLTK.T
366	516.3015	1030.5883	1030.5910	-2.59	0	(48)	1.6e-005	1	U	R.VLDELTLTK.T
367	516.3017	1030.5889	1030.5910	-2.09	0	58	1.6e-006	1	U	R.VLDELTLTK.T
385	521.7992	1041.5839	1041.5818	1.99	0	63	4.5e-007	1	U	R.VLLEIDNAR.L
387	522.2930	1042.5715	1042.5771	-5.30	0	53	4.5e-006	1	U	K.ILAAIDNSR.V
816	651.3319	1300.6492	1300.6510	-1.39	0	87	3e-009	1	U	R.ALEEANADLEVK.I
817	651.3321	1300.6496	1300.6510	-1.05	0	(81)	1.2e-008	1	U	R.ALEEANADLEVK.I

5. [O46390](#) Mass: 41497 Score: 172 Matches: 4(4) Sequences: 2(2) emPAI: 0.17

sp|O46390|PGS1_SHEEP Biglycan OS=Ovis aries GN=BGN PE=2 SV=1

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
207	455.2732	908.5319	908.5331	-1.37	0	(34)	0.0004	1	U	R.VPAGLPDLK.L
208	455.2735	908.5324	908.5331	-0.80	0	54	4.1e-006	1	U	R.VPAGLPDLK.L
828	656.8760	1311.7375	1311.7398	-1.75	0	(62)	5.8e-007	1	U	K.IQAIIELELLR.Y
829	656.8766	1311.7387	1311.7398	-0.80	0	81	7.5e-009	1	U	K.IQAIIELELLR.Y

6. [Q6B7M7](#) Mass: 18507 Score: 109 Matches: 2(2) Sequences: 2(2) emPAI: 0.40

sp|Q6B7M7|COF1_SHEEP Cofilin-1 OS=Ovis aries GN=CFL1 PE=2 SV=3

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
866	669.3184	1336.6223	1336.6187	2.69	0	60	1.1e-006	1	U	R.YALYDATYETK.E
868	670.8917	1339.7689	1339.7711	-1.64	0	70	1.1e-007	1	U	K.LGSAVISLEGKPL.-

7. [P68251](#) Mass: 22040 Score: 87 Matches: 3(3) Sequences: 2(2) emPAI: 0.33

sp|P68251|1433B_SHEEP 14-3-3 protein beta/alpha (Fragments) OS=Ovis aries GN=YWHAB PE=1 SV=2

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
-------	----------	----------	----------	-----	------	-------	--------	------	--------	---------

✓	197	452.2589	902.5032	902.5073	-4.53	0	43	5.5e-005	1	U	R.VISSIEQK.T
✓	203	454.2652	906.5159	906.5174	-1.69	0	44	3.8e-005	1		R.NLLSVAYK.N
✓	204	454.2652	906.5159	906.5174	-1.69	0	(40)	0.00011	1		R.NLLSVAYK.N

Proteins matching the same set of peptides:

[P68253](#) Mass: 17989 Score: 87 Matches: 3(3) Sequences: 2(2)
 sp|P68253|1433G_SHEEP 14-3-3 protein gamma (Fragments) OS=Ovis aries GN=YWHAG PE=1 SV=1

8. [Q6YNC8](#) Mass: 13545 Score: 66 Matches: 3(3) Sequences: 1(1) emPAI: 0.25
 sp|Q6YNC8|H2A2_SHEEP Histone H2A.Z OS=Ovis aries GN=H2AFZ PE=2 SV=3
 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	
✓	242	472.7673	943.5200	943.5240	-4.16	0	(33)	0.00052	1	U	R.AGLQFPVGR.I
✓	243	472.7682	943.5219	943.5240	-2.17	0	48	1.7e-005	1	U	R.AGLQFPVGR.I
✓	244	472.7685	943.5224	943.5240	-1.68	0	(25)	0.0035	1	U	R.AGLQFPVGR.I

9. [P62896](#) Mass: 11696 Score: 50 Matches: 1(1) Sequences: 1(1) emPAI: 0.30
 sp|P62896|CYC_SHEEP Cytochrome c OS=Ovis aries GN=CYCS PE=1 SV=2
 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	
✓	54	390.2125	1167.6156	1167.6149	0.58	0	50	2e-005	1	U	K.TGPNLHGLFGR.K

10. [Q9BGM5](#) Mass: 49282 Score: 46 Matches: 2(2) Sequences: 1(1) emPAI: 0.14
 sp|Q9BGM5|K1C25_SHEEP Keratin, type I cytoskeletal 25 OS=Ovis aries GN=KRT25 PE=2 SV=1
 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	
✓	422	532.8067	1063.5988	1063.5662	30.7	0	(25)	0.0029	1	U	R.LASYLENVR.A
✓	423	355.5408	1063.6006	1063.5662	32.3	0	41	7.9e-005	1	U	R.LASYLENVR.A

11. [Q28554](#) Mass: 34710 Score: 44 Matches: 1(1) Sequences: 1(1) emPAI: 0.10
 sp|Q28554|G3P_SHEEP Glyceraldehyde-3-phosphate dehydrogenase (Fragment) OS=Ovis aries GN=GAPDH PE=2 SV=4
 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	
✓	911	685.3745	1368.7345	1368.7361	-1.18	0	44	3.9e-005	1	U	R.GAAQNIIPASTGAAK.A

12. [P15241](#) Mass: 53647 Score: 40 Matches: 2(2) Sequences: 2(2) emPAI: 0.13
 sp|P15241|K2M2_SHEEP Keratin, type II microfibrillar, component 7C OS=Ovis aries PE=1 SV=1
 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	
	200	453.7364	905.4583	905.4607	-2.56	0	36	0.00038	1		R.FLEQQNK.L
✓	756	632.3501	1262.6857	1262.6870	-1.03	0	25	0.0032	1	U	K.LGLDIEIATYR.R

Proteins matching the same set of peptides:

[P25691](#) Mass: 55220 Score: 40 Matches: 2(2) Sequences: 2(2)
 sp|P25691|K2M3_SHEEP Keratin, type II microfibrillar, component 5 OS=Ovis aries PE=1 SV=1

13. [P21814](#) Mass: 49191 Score: 30 Matches: 4(4) Sequences: 1(1) emPAI: 0.07
 sp|P21814|UTMP_SHEEP Uterine milk protein OS=Ovis aries PE=1 SV=2
 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	
✓	292	492.3159	982.6173	982.5811	36.9	1	(23)	0.0047	1	U	K.ALIAENPKK.N
✓	293	492.3160	982.6175	982.5811	37.0	1	(23)	0.0052	1	U	K.ALIAENPKK.N
✓	294	492.3162	982.6179	982.5811	37.4	1	24	0.0043	1	U	K.ALIAENPKK.N
✓	295	492.3164	982.6183	982.5811	37.9	1	(20)	0.0098	1	U	K.ALIAENPKK.N

14. [Q83957](#) Mass: 43394 Score: 28 Matches: 2(2) Sequences: 1(1) emPAI: 0.08
 sp|Q83957|NCAP_ORSVW Nucleoprotein OS=Ovine respiratory syncytial virus (strain WSU 83-1578) GN=N PE=2 SV=1
 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	
✓	399	524.7745	1047.5345	1047.5019	31.1	1	25	0.0041	1	U	R.QDVNGKEMK.F
✓	401	524.7747	1047.5349	1047.5019	31.5	1	(24)	0.0056	1	U	R.QDVNGKEMK.F

15. [P01318](#) Score: 28 Matches: 1(1) Sequences: 1(1) emPAI: 0.30
 sp|P01318|INS_SHEEP Insulin OS=Ovis aries GN=INS PE=1 SV=2
 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	
✓	152	430.2201	858.4256	858.4276	-2.34	0	28	0.0017	1	U	R.GFFYTPK.A

16. [P03370](#) Mass: 126558 Score: 26 Matches: 1(1) Sequences: 1(1) emPAI: 0.03
 sp|P03370|POL_VILV Pol polyprotein OS=Maedi visna virus (strain 1514) GN=pol PE=3 SV=1
 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	
✓	902	680.3549	1358.6952	1358.6500	33.3	1	26	0.0049	1	U	R.AIEEACKQGPEK.M + Carbamidomethyl (C)

Proteins matching the same set of peptides:

[P16901](#) Mass: 124437 Score: 26 Matches: 1(1) Sequences: 1(1)

sp|P16901|POL_OMVVS Pol polyprotein OS=Ovine maedi visna related virus (strain South Africa) GN=pol PE=3 SV=1
P23426 Mass: 126548 Score: 26 Matches: 1(1) Sequences: 1(1)
 sp|P23426|POL_VILV1 Pol polyprotein OS=Maedi visna virus (strain 1514 / clone LV1-1KS1) GN=pol PE=3 SV=1
P23427 Mass: 126543 Score: 26 Matches: 1(1) Sequences: 1(1)
 sp|P23427|POL_VILV2 Pol polyprotein OS=Maedi visna virus (strain 1514 / clone LV1-1KS2) GN=pol PE=3 SV=1
P35956 Mass: 126098 Score: 26 Matches: 1(1) Sequences: 1(1)
 sp|P35956|POL_VILVK Pol polyprotein OS=Maedi visna virus (strain KV1772) GN=pol PE=1 SV=1

17. **POC276** Mass: 14719 Score: 25 Matches: 1(1) Sequences: 1(1) emPAI: 0.23
 sp|POC276|RL40_SHEEP Ubiquitin-60S ribosomal protein L40 OS=Ovis aries GN=UBA52 PE=2 SV=2
 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
✓ 449	541.2789	1080.5432	1080.5451	-1.81	0	25	0.0038	1	U	R.TLSDYNIQK.E

Proteins matching the same set of peptides:

POC655 Mass: 34305 Score: 25 Matches: 1(1) Sequences: 1(1)
 sp|POC655|UBB_SHEEP Polyubiquitin-B OS=Ovis aries GN=UBB PE=2 SV=1

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

Query	Observed	Mr(expt)	Mr(calc)	ppm	Miss	Score	Expect	Rank	Unique	Peptide
✓ 115	416.2304	830.4463	830.4498	-4.18	1	20	0.014	1		SVDPKTKG
✓ 683	611.3280	1220.6414	1220.6070	-28.2	1	18	0.017	1		SESIMKLEER
✓ 755	632.3501	1262.6856	1262.6870	-1.09	0	18	0.017	1		LGLDIEIATYR
✓ 137	425.7659	849.5173	849.5184	-1.39	0	17	0.018	1		HLQLAIR
✓ 903	680.3560	1358.6974	1358.6500	34.9	1	17	0.076	1		AIEEACKQGPEK + Carbamidomethyl (C)
✓ 49	382.7141	763.4136	763.4228	-12.10	0	16	0.022	1		YILEAR
✓ 75	394.7417	787.4689	787.4956	-33.93	1	16	0.026	1		KITWLK
✓ 151	430.2200	858.4255	858.4276	-2.11	0	16	0.026	1		GGFYTPK
✓ 153	430.2206	858.4266	858.4276	-1.13	0	16	0.027	1		GGFYTPK
✓ 138	425.7660	849.5175	849.5184	-1.08	0	16	0.027	1		HLQLAIR
✓ 754	632.3498	1262.6851	1262.6870	-1.55	0	16	0.029	1		LGLDIEIATYR
✓ 74	394.7416	787.4686	787.4956	-34.21	1	16	0.028	1		KITWLK
✓ 48	382.7137	763.4129	763.4228	-12.97	0	15	0.031	1		YILEAR
✓ 334	505.8144	1009.6142	1009.6172	-2.94	0	14	0.038	1		LIIGPLQEK
✓ 411	528.8071	1055.5997	1055.5836	15.3	1	14	0.043	1		LIRQANEGR
✓ 901	680.3547	1358.6949	1358.6500	33.1	1	13	0.089	1		AIEEACKQGPEK + Carbamidomethyl (C)
✓ 663	400.2393	1197.6959	1197.6982	-1.92	0	13	0.047	1		AVFPSIVGRPR
✓ 300	495.2717	988.5288	988.5301	-1.36	1	13	0.072	1		SEITDLRR
✓ 498	554.2933	1106.5720	1106.6270	-49.67	1	12	0.16	1		LFTIKNLCR
✓ 41	380.2383	758.4620	758.4538	10.8	0	12	0.076	1		ITDIIGK
✓ 749	630.8210	2519.2547	2519.2366	7.18	0	12	0.09	1		SFTSQTYMDSSTVHLFVTIISR
✓ 1489	680.7080	2039.1022	2039.0180	41.3	1	12	0.062	1		MNTTDCFIADVNAIKEVR + Oxidation (M)
✓ 1519	691.6812	2072.0217	2072.0911	-33.48	1	12	0.09	1		VTGYALVGDKVMKPAHVK + Carbamidomethyl (C)
✓ 140	426.2166	850.4187	850.3855	39.1	0	12	0.086	1		TCSVNEAK
✓ 25	367.7305	733.4464	733.4374	12.2	0	12	0.067	1		VLFDLK
✓ 684	611.3281	1220.6416	1220.6070	28.4	1	12	0.07	1		SESIMKLEER
✓ 40	379.2441	756.4737	756.4857	-15.92	1	11	0.072	1		LLDLRK
✓ 45	381.2303	760.4460	760.4119	44.8	0	11	0.073	1		WSVELK
✓ 483	551.7962	1101.5778	1101.5666	10.2	0	11	0.11	1		ASAAVSAAPTEK
✓ 410	528.8049	1055.5952	1055.5836	11.0	1	11	0.084	1		LIRQANEGR
✓ 168	437.2328	872.4511	872.4464	5.34	1	11	0.28	1		NNRSTSGPK
✓ 609	589.8393	1177.6640	1177.6231	34.8	0	11	0.083	1		LVDTFLEDVK
✓ 440	538.8074	1075.6003	1075.6389	-35.96	1	10	0.1	1		EIKAFLLSR
✓ 481	550.8193	1099.6240	1099.5848	35.7	0	10	0.1	1		YIYAVCHPLK + Carbamidomethyl (C)
✓ 23	365.2258	728.4371	728.4181	26.2	0	10	0.13	1		QAEILR
✓ 400	524.7747	1047.5348	1047.5019	31.4	1	10	0.14	1		QDVNGKEMK
✓ 228	465.2222	928.4297	928.4614	-34.09	0	10	0.11	1		ENDSPVLR
✓ 139	426.2166	850.4186	850.3855	39.0	0	10	0.14	1		TCSVNEAK
✓ 26	367.7314	733.4482	733.4374	14.6	0	9	0.11	1		VLFDLK
✓ 1053	371.6794	1482.6885	1482.7150	-17.89	1	9	0.11	1		RHHTDVGFMIDR
✓ 1401	931.9813	3723.8960	3723.8236	19.4	1	9	0.25	1		AMIQSALDGGSIENGNVATRDVDVFIACSEPIYR
✓ 482	551.7961	1101.5777	1101.5666	10.1	0	9	0.17	1		ASAAVSAAPTEK
✓ 515	560.3113	1118.6080	1118.6448	-32.85	1	9	0.21	1		LELYKQLR
✓ 398	524.7739	1047.5332	1047.5019	29.9	1	9	0.19	1		QDVNGKEMK
✓ 610	589.8421	1177.6696	1177.6231	39.6	0	8	0.15	1		LVDTFLEDVK
✓ 214	457.2933	912.5720	912.5644	8.37	0	8	0.16	1		VLLSSPAVK
✓ 627	394.8756	1181.6050	1181.6404	-30.02	0	8	0.26	1		VDTVSAAPGLR
✓ 279	485.7542	969.4938	969.5244	-31.53	0	8	0.16	1		VVSDPQIR
✓ 484	551.7963	1101.5780	1101.5666	10.4	0	8	0.24	1		ASAAVSAAPTEK
✓ 44	381.2303	760.4460	760.4119	44.8	0	8	0.17	1		WSVELK
✓ 38	379.2438	756.4730	756.4857	-16.89	1	7	0.18	1		LLDLRK
✓ 86	402.6984	803.3823	803.4025	-25.13	0	7	0.19	1		ATDEQLK
✓ 291	492.2796	982.5447	982.5811	-37.06	1	7	0.19	1		LIDPERIK
✓ 249	475.7446	949.4747	949.4981	-24.69	1	7	0.21	1		EARSNVFK
✓ 83	400.7341	799.4535	799.4341	24.4	0	7	0.2	1		DLIHFR
✓ 822	652.3350	1302.6554	1302.6905	-26.96	1	7	0.27	1		RAAPGDGPRPGPR
✓ 142	426.2170	850.4195	850.3855	40.0	0	7	0.27	1		TCSVNEAK
✓ 493	553.2912	1104.5679	1104.5788	-9.85	1	7	0.2	1		RQYLQQR
✓ 823	652.3355	1302.6565	1302.6905	-26.10	1	7	0.28	1		RAAPGDGPRPGPR
✓ 1651	654.0679	2612.2425	2612.2046	14.5	0	7	0.22	1		SEFVLPSYFDQWIYSPMFNAR + Oxidation (M)
✓ 46	381.2303	760.4460	760.4119	44.9	0	7	0.22	1		WSVELK
✓ 437	538.8056	1075.5967	1075.6389	-39.29	1	7	0.26	1		EIKAFLLSR
✓ 171	437.7517	873.4888	873.4709	20.6	0	7	0.22	1		EAGVFVPR
✓ 1073	501.9295	1502.7666	1502.8133	-31.08	0	6	0.3	1		GDILQVFDGWILK
✓ 441	538.8076	1075.6006	1075.6389	-35.64	1	6	0.23	1		EIKAFLLSR
✓ 36	375.6956	749.3766	749.3530	31.4	0	6	0.28	1		IMEWR + Oxidation (M)
✓ 1040	490.9009	1469.6808	1469.6894	-5.88	0	6	0.23	1		LQVQSQEFLCKM + Oxidation (M)
✓ 413	529.3007	1056.5868	1056.5637	21.9	0	6	0.24	1		LDETMPIR
✓ 134	423.2409	844.4672	844.4654	2.13	0	6	0.86	1		SIEEIVR
✓ 110	414.2182	826.4218	826.4007	25.5	0	6	0.25	1		TRGFSTR + Oxidation (M)
✓ 6	351.1994	700.3843	700.3980	-19.54	1	6	0.29	1		ERAVAR
✓ 8	353.2168	704.4191	704.3891	42.6	0	6	0.25	1		MLVAAGK + Oxidation (M)

872	448.2413	1341.7020	1341.7365	-25.64	1	6	0.25	1	APTASGSGGAIRGIK
313	497.2571	1488.7494	1488.8049	-37.30	1	6	0.77	1	FVPDGSVASRSVIR
248	475.7446	949.4747	949.4981	-24.69	1	6	0.28	1	EARSNVFK
84	400.7466	799.4786	799.4803	-2.14	0	6	0.27	1	AINELIK
289	491.2498	980.4851	980.4419	44.0	0	6	1	1	SSLPSMMGR + Oxidation (M)
580	386.8820	1157.6241	1157.6193	4.10	1	6	0.28	1	KDPTQAFVPR
1146	524.3021	1569.8846	1569.8151	44.2	0	5	0.29	1	VTLVFEHVDQDLR
345	511.2742	1020.5339	1020.5577	-23.31	1	5	0.3	1	RTQPLNHR
290	492.2796	982.5446	982.5811	-37.10	1	5	0.3	1	LIDPERIK
489	552.7694	1103.5242	1103.5103	12.6	0	5	0.37	1	GMEHLNLMK + 2 Oxidation (M)
82	400.7335	799.4524	799.4341	23.0	0	5	0.31	1	DLIHFR
117	416.2502	830.4858	830.4498	43.4	0	5	0.35	1	LENAGSLK
659	598.8220	1195.6295	1195.5880	34.7	0	5	0.31	1	CGHTNNLRPK + Carbamidomethyl (C)
1672	924.1470	2769.4191	2769.2981	43.7	1	5	0.31	1	AEDGSVIDYELIDQDARDLYDAGVK
392	523.8017	1045.5888	1045.5702	17.8	1	5	0.32	1	LMLQNQR + Oxidation (M)
156	432.7138	863.4130	863.4501	-42.94	1	5	0.32	1	IKDAFDR
1491	683.0295	2046.0668	2046.0647	1.05	1	5	0.44	1	DRVGGLPAFLNTEFFIGNAR
415	529.3100	1056.6055	1056.6543	-46.18	1	5	0.33	1	LGIKSKGLLK
758	633.3215	1264.6284	1264.6155	10.2	0	5	0.35	1	AGSVGAEACLMLK + Oxidation (M)
236	471.7928	941.5710	941.5658	5.51	1	5	0.34	1	KALLDLNR
235	471.7904	941.5662	941.5294	39.1	0	5	0.35	1	NIVEAAAVR
761	634.3413	1266.6681	1266.6819	-10.91	1	4	0.39	1	QIPPLNLETKD
559	573.2925	1144.5705	1144.5724	-1.61	1	4	0.54	1	EGLQENKEAK
1041	490.9013	1469.6822	1469.6894	-4.94	0	4	0.36	1	LQVSEEFLECMK + Oxidation (M)
492	553.2888	1104.5630	1104.5788	-14.27	1	4	0.36	1	RQYLQQR
427	534.2583	1066.5021	1066.5090	-6.49	1	4	0.37	1	GDCPRAVGR
1150	785.9504	1569.8862	1569.8151	45.3	0	4	0.37	1	VTLVFEHVDQDLR
111	414.2185	826.4225	826.4007	26.4	0	4	0.37	1	TGMFSIR + Oxidation (M)
344	511.2742	1020.5338	1020.5577	-23.42	1	4	0.38	1	RTQPLNHR
35	375.2139	748.4133	748.4119	1.85	0	4	0.57	1	FNEIVK
428	534.3034	2133.1846	2133.1041	37.7	0	4	1.2	1	EIGWMEGGQLVGNPAPIPR
1027	730.3837	2917.5056	2917.5367	-10.65	1	4	0.75	1	ALSVFPEMSEVIAAQLPKILAGMVK + Oxidation (M)
201	453.7375	905.4605	905.4719	-12.57	0	4	0.56	1	NFTAAVQR
362	515.7799	1029.5453	1029.5455	-0.14	0	4	0.42	1	EIQTVVGER
1151	524.3027	1569.8863	1569.8151	45.4	0	4	0.42	1	VTLVFEHVDQDLR
31	374.2280	746.4415	746.4221	26.0	1	4	0.42	1	VVMARR + Oxidation (M)
658	598.8216	1195.6287	1195.6349	-5.24	1	4	0.42	1	GNDSRFLPK
417	529.3106	1056.6066	1056.6543	-45.08	1	4	0.43	1	LGIKSKGLLK
578	578.8386	1155.6627	1155.6248	32.8	1	4	0.43	1	QSPVDVLDKR
218	458.2619	1371.7639	1371.7796	-11.44	1	4	0.84	1	KCVILIVIGDDK + Carbamidomethyl (C)
285	487.7646	973.5147	973.5379	-23.79	1	3	0.76	1	LLSKTCPR + Carbamidomethyl (C)
32	374.2285	746.4424	746.4221	27.2	1	3	0.47	1	VVMARR + Oxidation (M)
1117	511.9568	1532.8484	1532.8061	27.6	0	3	0.47	1	QVVPFQVDCILFK
343	510.7769	1019.5392	1019.5148	24.0	1	3	0.47	1	FSPEAASRR
647	596.8192	1191.6239	1191.6360	-10.17	1	3	0.47	1	RQQLQTYQR
454	541.8182	1081.6219	1081.6608	-35.91	0	3	0.48	1	VGQILLAVLNR
30	373.2437	744.4729	744.4494	31.6	0	3	0.48	1	LLSSIGR
686	408.2186	1221.6341	1221.6210	10.8	1	3	0.49	1	KGSNVMLAVCK + Carbamidomethyl (C); Oxidation (M)
1564	738.0028	2210.9865	2211.0855	-44.77	0	3	0.5	1	YEAQAQGHMKPLSASQVSVR + Oxidation (M)
1152	524.3027	1569.8863	1569.8151	45.4	0	3	0.5	1	VTLVFEHVDQDLR
414	529.3096	1056.6046	1056.6543	-46.98	1	3	0.51	1	LGIKSKGLLK
894	452.9118	1355.7136	1355.7198	-4.55	0	3	0.51	1	FTIGPDAGPGVIR
577	386.2251	1155.6533	1155.6863	-28.53	1	3	0.52	1	ISEAKLTGIPK
1096	505.9263	1514.7570	1514.7399	11.3	0	3	0.52	1	AEMSDAVSPINLPR + Oxidation (M)
39	379.2438	756.4731	756.4857	-16.74	1	3	0.55	1	LLDLRK
1648	654.0678	2612.2420	2612.2046	14.3	0	3	0.55	1	SEFVLPSYFDQWIYSPMFNAR + Oxidation (M)
150	428.7690	855.5235	855.4926	36.1	1	3	0.56	1	LRISFDR
272	483.2557	964.4968	964.5032	-6.58	1	3	0.7	1	GPRFRWR
1353	589.3412	1765.0019	1764.9958	3.42	1	3	0.56	1	GLRQAVLAIGQELNR
94	405.2227	808.4308	808.4265	5.34	1	3	0.56	1	RMFDIK
541	567.3184	1132.6222	1132.6492	-23.87	0	2	0.57	1	NIFVLDITAK
416	529.3105	1056.6065	1056.6543	-45.22	1	2	0.58	1	LGIKSKGLLK
81	400.2239	798.4333	798.4460	-15.91	0	2	0.59	1	RPGASVGR
989	714.3708	2853.4541	2853.4081	16.1	1	2	1.1	1	EFVKMLPGDYPFETQISGGCELLPR + Oxidation (M)
1147	524.3021	1569.8846	1569.8151	44.2	0	2	0.61	1	VTLVFEHVDQDLR
1352	589.3409	1765.0009	1764.9958	2.85	1	2	0.61	1	GLRQAVLAIGQELNR
497	554.2760	2213.0748	2213.1804	-47.74	1	2	1.5	1	AGIAHLYGIAGTTNVTGDQVKK
97	408.2462	1628.9555	1628.9111	27.3	1	2	0.72	1	SSSLPHVRLAQGLK
554	572.7952	1143.5759	1143.5594	14.5	0	2	0.63	1	VTEMPSDLPR
695	613.8410	1225.6675	1225.6601	6.02	1	2	0.63	1	EGKLMIGIHR + Oxidation (M)
1675	564.8604	2819.2656	2819.3371	-25.35	1	2	0.63	1	NLNLDISKNNFLSMPETQWPCK + Carbamidomethyl (C)
266	481.2450	960.4754	960.4487	27.8	0	2	0.95	1	DLPQWVR + Oxidation (M)
540	567.3159	1132.6172	1132.6492	-28.26	0	2	0.66	1	NIFVLDITAK
278	485.7534	969.4921	969.5244	-33.22	0	2	0.64	1	VVSDPGIR
994	362.2019	1444.7786	1444.7562	15.5	0	2	0.64	1	SPELVAEVAIFDR
1134	782.3803	1562.7461	1562.7909	-28.64	1	2	0.65	1	VEQLSNMIVRSCK + Carbamidomethyl (C)
303	495.2915	988.5684	988.5203	48.7	0	2	0.65	1	VAQGHQPPR
374	519.2727	1036.5309	1036.5342	-3.14	0	2	0.65	1	TLGPFYPSR
1354	589.3413	1765.0021	1764.9958	3.53	1	2	0.67	1	GLRQAVLAIGQELNR
217	458.2434	1828.9445	1828.9651	-11.28	1	2	1.4	1	KPTCAVRNQMETVKPK
155	432.7137	863.4129	863.4501	-43.06	1	2	0.69	1	IKDAFDR
895	452.9124	1355.7152	1355.7198	-3.36	0	2	0.69	1	FTIGPDAGPGVIR
434	537.8057	1073.5967	1073.6485	-48.17	0	2	1	1	GIPYGVLTIK
10	357.2302	712.4459	712.4119	47.6	0	2	0.7	1	GLIGPEK
527	564.2897	1126.5648	1126.6207	-49.59	1	1	0.76	1	SQNIPTRVGR
253	477.3042	952.5938	952.5705	24.4	0	1	0.75	1	LLEVLNPR
435	537.8057	1073.5968	1073.6485	-48.12	0	1	1.1	1	IPAYGVLTIK
431	537.7659	1073.5173	1073.4699	44.1	0	1	1.6	1	QSEEPMMK
270	482.2320	1443.6741	1443.7180	-30.42	0	1	1.4	1	ITANSVYKLMGFR + Oxidation (M)
1514	690.0050	2066.9930	2067.0282	-17.00	0	1	0.78	1	IAVNCFGHQHTIALMSYK + Carbamidomethyl (C); Oxidation (M)
116	416.2500	830.4855	830.4610	29.6	0	1	0.9	1	SQLSQLR
1116	767.4297	1532.8448	1532.8061	25.3	0	1	0.82	1	QVVPFQVDCILFK
47	382.2186	762.4227	762.4276	-6.35	0	1	2	1	LFENLK
753	632.3315	1262.6483	1262.6507	-1.82	0	1	0.84	1	AEAGTGFLEQLK

✓	1602	786.0410	2355.1011	2355.0844	7.10	0	1	0.8	1	TITPCISSPCAPAAPCTPCVPR + 3 Carbamidomethyl (C)
✓	488	552.7692	1103.5238	1103.5094	13.1	1	1	1	1	GGEGAEAEKK
✓	529	565.3107	1128.6067	1128.6502	-38.52	1	1	0.81	1	LEARLSALEK
✓	3	350.7332	699.4518	699.4391	18.2	1	1	0.81	1	RIANVK
✓	1195	413.2566	1648.9973	1648.9624	21.2	1	1	0.81	1	KVINALSGIDLTLR
✓	205	454.7270	907.4394	907.4069	35.8	0	1	1	1	TCSVNEAK + Carbamidomethyl (C)
✓	76	396.2267	1580.8779	1580.8463	20.0	1	1	1.8	1	HPEDRKPVLWIK
✓	806	648.3163	1294.6180	1294.5944	18.2	1	1	0.82	1	KCCQAGMVLGGR + Carbamidomethyl (C); Oxidation (M)
✓	1441	653.0013	1955.9820	1956.0251	-22.02	0	1	0.83	1	LAALCLADNSVALHYGGLR
✓	146	428.7652	855.5159	855.5542	-44.74	1	1	0.83	1	IDVILRK
✓	252	477.3041	952.5936	952.5705	24.2	0	1	0.83	1	LLEVLNPR
✓	1102	760.8853	1519.7560	1519.7705	-9.53	0	1	0.84	1	MVVVSDHYLQSK + Oxidation (M)
✓	1678	979.4890	2935.4453	2935.4064	13.2	1	1	0.84	1	SLEKVKPGMCMCSVAGWQLGVNMPADS + Oxidation (M)
✓	220	459.2472	1832.9597	1832.9091	27.6	1	1	3.9	1	VLNFSNGMKHLDDLK + Oxidation (M)
✓	1647	654.0668	2612.2382	2612.2046	12.9	0	1	0.84	1	SEFVLPSPYFDQWIYSPFNAR + Oxidation (M)
✓	779	643.7832	1285.5518	1285.5543	-1.98	0	1	0.86	1	LHDCCLSHSK + Carbamidomethyl (C)
✓	1685	804.6562	3214.5955	3214.6982	-31.93	0	0	0.89	1	SMVVADNGELLSGGVPGIVALFVLECIIR + Oxidation (M)
✓	1671	924.1459	2769.4160	2769.2981	42.6	1	0	0.92	1	AEDGSVIDYELIDQDARDLYDAGVK
✓	485	552.3132	1102.6118	1102.5805	28.4	0	0	1.2	1	INDMAGITIR
✓	147	428.7654	855.5163	855.5542	-44.30	1	0	0.92	1	IDVILRK
✓	227	465.2215	928.4285	928.4614	-35.42	0	0	0.93	1	ENDPSVLR
✓	1674	697.0620	2784.2187	2784.3325	-40.88	1	0	0.93	1	SFAGIRFGCFMPLSLDSDLTMYLK + Carbamidomethyl (C); Oxidation (M)
✓	534	566.3138	1130.6131	1130.5680	39.9	0	0	0.95	1	LGNATIESGR
✓	1673	924.1471	2769.4194	2769.2981	43.8	1	0	0.95	1	AEDGSVIDYELIDQDARDLYDAGVK
✓	896	452.9124	1355.7155	1355.7198	-3.13	0	0	0.96	1	GFTIGPDAGPGVIR
✓	1484	507.9833	2027.9040	2027.9808	-37.89	1	0	0.96	1	FAEQTFKDEIRPMEK + Carbamidomethyl (C); Oxidation (M)
✓	251	477.3040	952.5934	952.5705	24.0	0	0	0.97	1	LLEVLNPR
✓	1636	845.7285	2534.1636	2534.1320	12.5	0	0	0.97	1	VMPISGDYVQGFMSYVVPYYR + 2 Oxidation (M)
✓	1252	562.2678	1683.7815	1683.8324	-30.25	1	0	0.98	1	LGNVYLNLIKMSCEK + Carbamidomethyl (C); Oxidation (M)
✓	185	448.7394	895.4642	895.4399	27.1	0	0	0.98	1	IETNYTR
✓	34	375.2126	748.4107	748.4344	-31.61	1	0	3.2	1	RISAFR
✓	1	350.0632	698.1118							
✓	2	350.7323	699.4500							
✓	4	350.7333	699.4519							
✓	5	350.7333	699.4520							
✓	7	353.2089	704.4032							
✓	9	357.1881	712.3616							
✓	11	357.2303	712.4460							
✓	12	357.2304	712.4462							
✓	13	359.3136	716.6126							
✓	14	359.3145	716.6144							
✓	15	359.3150	716.6155							
✓	16	362.0946	722.1746							
✓	17	362.0953	722.1761							
✓	18	362.1170	722.2194							
✓	19	363.0920	724.1695							
✓	20	364.2109	726.4072							
✓	21	364.2254	726.4362							
✓	22	364.2254	726.4362							
✓	24	365.2277	728.4409							
✓	27	369.2125	736.4104							
✓	28	371.6801	741.3456							
✓	29	371.7315	741.4485							
✓	33	374.7167	747.4188							
✓	37	376.2073	750.4001							
✓	42	380.7908	759.5670							
✓	43	381.2301	760.4457							
✓	50	383.8720	765.7295							
✓	51	384.2348	766.4550							
✓	52	385.7413	769.4681							
✓	53	387.7152	773.4159							
✓	55	390.6997	779.3849							
✓	56	390.8137	779.6129							
✓	57	391.2817	780.5489							
✓	58	391.2819	780.5492							
✓	59	391.2819	780.5493							
✓	60	391.2821	780.5496							
✓	61	391.2822	780.5498							
✓	62	391.2823	780.5501							
✓	63	391.2824	780.5502							
✓	64	391.2825	780.5504							
✓	65	391.2825	780.5505							
✓	66	391.2826	780.5506							
✓	67	391.2828	780.5510							
✓	68	391.2833	780.5521							
✓	69	391.2833	780.5521							
✓	70	391.2834	780.5523							
✓	71	391.2835	780.5525							
✓	72	391.2837	780.5529							
✓	73	391.2847	780.5549							
✓	77	397.9761	793.9376							
✓	85	402.0591	802.1036							
✓	87	403.2314	804.4482							
✓	88	403.2314	804.4483							
✓	89	403.2314	804.4483							
✓	93	405.2227	808.4308							
✓	95	405.2251	808.4355							
✓	96	406.2489	810.4832							
✓	98	408.7389	815.4633							
✓	99	409.7407	817.4668							
✓	100	409.7413	817.4681							
✓	103	412.2394	822.4643							
✓	104	412.7520	823.4895							
✓	105	412.7521	823.4896							

<input checked="" type="checkbox"/>	106	412.7524	823.4902
<input checked="" type="checkbox"/>	107	413.2444	824.4741
<input checked="" type="checkbox"/>	108	414.2059	826.3972
<input checked="" type="checkbox"/>	109	414.2182	826.4218
<input checked="" type="checkbox"/>	112	414.8723	827.7299
<input checked="" type="checkbox"/>	113	414.8739	827.7332
<input checked="" type="checkbox"/>	114	415.7393	829.4639
<input checked="" type="checkbox"/>	118	416.2520	830.4894
<input checked="" type="checkbox"/>	119	416.7507	831.4868
<input checked="" type="checkbox"/>	120	416.7519	831.4893
<input checked="" type="checkbox"/>	121	418.2195	834.4244
<input checked="" type="checkbox"/>	122	418.2208	834.4270
<input checked="" type="checkbox"/>	123	419.7577	837.5009
<input checked="" type="checkbox"/>	124	420.2284	838.4423
<input checked="" type="checkbox"/>	125	421.7575	841.5005
<input checked="" type="checkbox"/>	126	421.7576	841.5006
<input checked="" type="checkbox"/>	127	421.7577	841.5008
<input checked="" type="checkbox"/>	128	421.7578	841.5010
<input checked="" type="checkbox"/>	129	421.7580	841.5014
<input checked="" type="checkbox"/>	130	421.7581	841.5016
<input checked="" type="checkbox"/>	131	421.7581	841.5016
<input checked="" type="checkbox"/>	132	422.7603	843.5061
<input checked="" type="checkbox"/>	133	423.2382	844.4619
<input checked="" type="checkbox"/>	135	424.7336	847.4526
<input checked="" type="checkbox"/>	136	424.7340	847.4534
<input checked="" type="checkbox"/>	141	426.2168	850.4191
<input checked="" type="checkbox"/>	143	427.2252	852.4358
<input checked="" type="checkbox"/>	144	428.2616	854.5086
<input checked="" type="checkbox"/>	145	428.7593	855.5040
<input checked="" type="checkbox"/>	148	428.7655	855.5164
<input checked="" type="checkbox"/>	149	428.7656	855.5166
<input checked="" type="checkbox"/>	157	433.2240	864.4334
<input checked="" type="checkbox"/>	158	433.2240	864.4334
<input checked="" type="checkbox"/>	159	433.2243	864.4340
<input checked="" type="checkbox"/>	160	434.7117	867.4089
<input checked="" type="checkbox"/>	162	435.7704	869.5262
<input checked="" type="checkbox"/>	163	435.7716	869.5286
<input checked="" type="checkbox"/>	164	435.7732	869.5318
<input checked="" type="checkbox"/>	165	435.7736	869.5327
<input checked="" type="checkbox"/>	166	435.7737	869.5328
<input checked="" type="checkbox"/>	167	435.7737	869.5328
<input checked="" type="checkbox"/>	169	437.2561	872.4977
<input checked="" type="checkbox"/>	170	437.7514	873.4882
<input checked="" type="checkbox"/>	172	438.7637	875.5128
<input checked="" type="checkbox"/>	173	441.2729	880.5312
<input checked="" type="checkbox"/>	174	441.7542	881.4938
<input checked="" type="checkbox"/>	175	445.7499	889.4852
<input checked="" type="checkbox"/>	176	445.7514	889.4882
<input checked="" type="checkbox"/>	177	445.7603	889.5061
<input checked="" type="checkbox"/>	178	446.2155	890.4164
<input checked="" type="checkbox"/>	179	446.7521	891.4897
<input checked="" type="checkbox"/>	180	447.7187	893.4228
<input checked="" type="checkbox"/>	181	447.7190	893.4234
<input checked="" type="checkbox"/>	182	448.2126	894.4106
<input checked="" type="checkbox"/>	183	448.2131	894.4116
<input checked="" type="checkbox"/>	184	448.7393	895.4640
<input checked="" type="checkbox"/>	186	449.2391	896.4636
<input checked="" type="checkbox"/>	187	449.2443	896.4740
<input checked="" type="checkbox"/>	188	449.2445	896.4745
<input checked="" type="checkbox"/>	189	449.7572	897.4998
<input checked="" type="checkbox"/>	190	450.2683	898.5220
<input checked="" type="checkbox"/>	191	450.2685	898.5225
<input checked="" type="checkbox"/>	192	450.2984	898.5823
<input checked="" type="checkbox"/>	193	450.2985	898.5825
<input checked="" type="checkbox"/>	194	450.2985	898.5825
<input checked="" type="checkbox"/>	195	451.2523	900.4900
<input checked="" type="checkbox"/>	196	451.2545	900.4944
<input checked="" type="checkbox"/>	198	452.2605	902.5065
<input checked="" type="checkbox"/>	199	453.2453	904.4761
<input checked="" type="checkbox"/>	202	453.7835	905.5524
<input checked="" type="checkbox"/>	206	454.7497	907.4849
<input checked="" type="checkbox"/>	209	457.2076	912.4006
<input checked="" type="checkbox"/>	210	457.2583	912.5020
<input checked="" type="checkbox"/>	211	457.2588	912.5031
<input checked="" type="checkbox"/>	212	457.2763	912.5381
<input checked="" type="checkbox"/>	213	457.2764	912.5383
<input checked="" type="checkbox"/>	215	457.7859	913.5573
<input checked="" type="checkbox"/>	216	457.9154	913.8163
<input checked="" type="checkbox"/>	219	459.2400	916.4654
<input checked="" type="checkbox"/>	221	459.2786	916.5426
<input checked="" type="checkbox"/>	222	459.9111	917.8077
<input checked="" type="checkbox"/>	223	460.7568	919.4990
<input checked="" type="checkbox"/>	224	460.7569	919.4992
<input checked="" type="checkbox"/>	225	461.7344	921.4543
<input checked="" type="checkbox"/>	226	461.7345	921.4545
<input checked="" type="checkbox"/>	229	465.2851	928.5557
<input checked="" type="checkbox"/>	230	465.2859	928.5572
<input checked="" type="checkbox"/>	231	468.2440	934.4734
<input checked="" type="checkbox"/>	232	469.7606	937.5065
<input checked="" type="checkbox"/>	233	471.7846	941.5547
<input checked="" type="checkbox"/>	234	471.7863	941.5580
<input checked="" type="checkbox"/>	237	471.7930	941.5714
<input checked="" type="checkbox"/>	238	472.2583	942.5021
<input checked="" type="checkbox"/>	239	472.2584	942.5022

<input checked="" type="checkbox"/>	240	472.2598	942.5051
<input checked="" type="checkbox"/>	241	472.2873	942.5600
<input checked="" type="checkbox"/>	245	473.2787	944.5429
<input checked="" type="checkbox"/>	246	474.1328	946.2510
<input checked="" type="checkbox"/>	247	475.2585	948.5024
<input checked="" type="checkbox"/>	250	476.2321	950.4497
<input checked="" type="checkbox"/>	254	478.8087	955.6028
<input checked="" type="checkbox"/>	255	478.8101	955.6056
<input checked="" type="checkbox"/>	256	479.2865	956.5584
<input checked="" type="checkbox"/>	257	479.2887	956.5628
<input checked="" type="checkbox"/>	258	479.2887	956.5629
<input checked="" type="checkbox"/>	259	479.2890	956.5634
<input checked="" type="checkbox"/>	260	479.2891	956.5637
<input checked="" type="checkbox"/>	261	479.2892	956.5639
<input checked="" type="checkbox"/>	262	479.2894	956.5642
<input checked="" type="checkbox"/>	263	479.2895	956.5645
<input checked="" type="checkbox"/>	264	479.2899	956.5653
<input checked="" type="checkbox"/>	265	479.7647	957.5149
<input checked="" type="checkbox"/>	267	481.2452	960.4757
<input checked="" type="checkbox"/>	268	481.2453	960.4760
<input checked="" type="checkbox"/>	269	482.2298	962.4450
<input checked="" type="checkbox"/>	271	482.2476	962.4806
<input checked="" type="checkbox"/>	273	483.2558	964.4971
<input checked="" type="checkbox"/>	274	483.2564	964.4981
<input checked="" type="checkbox"/>	275	483.7832	965.5519
<input checked="" type="checkbox"/>	276	483.7860	965.5575
<input checked="" type="checkbox"/>	277	484.7509	967.4873
<input checked="" type="checkbox"/>	280	486.2976	970.5806
<input checked="" type="checkbox"/>	281	487.2744	972.5342
<input checked="" type="checkbox"/>	282	487.2745	972.5345
<input checked="" type="checkbox"/>	283	487.2746	972.5346
<input checked="" type="checkbox"/>	284	487.2746	972.5346
<input checked="" type="checkbox"/>	286	488.2783	974.5420
<input checked="" type="checkbox"/>	287	488.2795	974.5444
<input checked="" type="checkbox"/>	288	489.2534	976.4922
<input checked="" type="checkbox"/>	296	493.2855	984.5565
<input checked="" type="checkbox"/>	297	493.7623	985.5101
<input checked="" type="checkbox"/>	298	494.3008	986.5871
<input checked="" type="checkbox"/>	299	495.2681	988.5216
<input checked="" type="checkbox"/>	301	495.2835	988.5525
<input checked="" type="checkbox"/>	302	495.2836	988.5526
<input checked="" type="checkbox"/>	304	495.2915	988.5684
<input checked="" type="checkbox"/>	305	495.2915	988.5685
<input checked="" type="checkbox"/>	306	495.2916	988.5687
<input checked="" type="checkbox"/>	307	497.2517	992.4888
<input checked="" type="checkbox"/>	308	497.2523	992.4899
<input checked="" type="checkbox"/>	309	497.2536	992.4927
<input checked="" type="checkbox"/>	310	497.2538	992.4929
<input checked="" type="checkbox"/>	311	497.2539	992.4932
<input checked="" type="checkbox"/>	312	497.2544	992.4943
<input checked="" type="checkbox"/>	314	498.2167	994.4188
<input checked="" type="checkbox"/>	315	499.2746	996.5347
<input checked="" type="checkbox"/>	316	499.2756	996.5367
<input checked="" type="checkbox"/>	317	499.7625	997.5104
<input checked="" type="checkbox"/>	318	499.8002	997.5858
<input checked="" type="checkbox"/>	319	499.8012	997.5878
<input checked="" type="checkbox"/>	320	499.8034	997.5923
<input checked="" type="checkbox"/>	321	499.8042	997.5938
<input checked="" type="checkbox"/>	322	499.8043	997.5941
<input checked="" type="checkbox"/>	323	500.7522	999.4898
<input checked="" type="checkbox"/>	324	500.7524	999.4902
<input checked="" type="checkbox"/>	325	500.7684	999.5222
<input checked="" type="checkbox"/>	326	500.7717	999.5288
<input checked="" type="checkbox"/>	327	500.7748	999.5351
<input checked="" type="checkbox"/>	328	500.7753	999.5360
<input checked="" type="checkbox"/>	329	501.7626	1001.5106
<input checked="" type="checkbox"/>	330	501.9303	1001.8461
<input checked="" type="checkbox"/>	331	505.2434	1008.4723
<input checked="" type="checkbox"/>	332	505.2690	1008.5234
<input checked="" type="checkbox"/>	333	505.2698	1008.5250
<input checked="" type="checkbox"/>	335	507.2659	1012.5173
<input checked="" type="checkbox"/>	336	507.3014	1012.5882
<input checked="" type="checkbox"/>	337	507.3024	1012.5903
<input checked="" type="checkbox"/>	338	507.7992	1013.5838
<input checked="" type="checkbox"/>	339	507.7994	1013.5842
<input checked="" type="checkbox"/>	340	508.7919	1015.5692
<input checked="" type="checkbox"/>	341	510.2603	1018.5061
<input checked="" type="checkbox"/>	342	510.2604	1018.5061
<input checked="" type="checkbox"/>	346	511.7664	1021.5183
<input checked="" type="checkbox"/>	347	511.7666	1021.5186
<input checked="" type="checkbox"/>	348	512.7740	1023.5333
<input checked="" type="checkbox"/>	349	512.7740	1023.5335
<input checked="" type="checkbox"/>	350	513.2840	1024.5535
<input checked="" type="checkbox"/>	351	513.2840	1024.5535
<input checked="" type="checkbox"/>	352	513.3082	1024.6018
<input checked="" type="checkbox"/>	353	513.3084	1024.6022
<input checked="" type="checkbox"/>	354	513.3085	1024.6024
<input checked="" type="checkbox"/>	355	513.3086	1024.6026
<input checked="" type="checkbox"/>	356	513.7640	1025.5135
<input checked="" type="checkbox"/>	357	515.2999	1028.5853
<input checked="" type="checkbox"/>	358	515.2999	1028.5853
<input checked="" type="checkbox"/>	359	515.7402	1029.4659
<input checked="" type="checkbox"/>	360	515.7406	1029.4666
<input checked="" type="checkbox"/>	361	515.7421	1029.4696

<input checked="" type="checkbox"/>	363	515.7800	1029.5455
<input checked="" type="checkbox"/>	364	515.7835	1029.5524
<input checked="" type="checkbox"/>	368	516.3125	1030.6105
<input checked="" type="checkbox"/>	369	517.7923	1033.5700
<input checked="" type="checkbox"/>	370	518.1306	1034.2466
<input checked="" type="checkbox"/>	371	518.7733	1035.5321
<input checked="" type="checkbox"/>	372	518.7735	1035.5325
<input checked="" type="checkbox"/>	373	519.2709	1036.5273
<input checked="" type="checkbox"/>	375	519.7671	1037.5196
<input checked="" type="checkbox"/>	376	520.2990	1038.5835
<input checked="" type="checkbox"/>	377	520.2996	1038.5846
<input checked="" type="checkbox"/>	378	520.8262	1039.6378
<input checked="" type="checkbox"/>	379	520.8264	1039.6383
<input checked="" type="checkbox"/>	380	521.7246	1041.4347
<input checked="" type="checkbox"/>	381	521.7970	1041.5794
<input checked="" type="checkbox"/>	382	521.7972	1041.5798
<input checked="" type="checkbox"/>	383	521.7972	1041.5799
<input checked="" type="checkbox"/>	384	521.7973	1041.5800
<input checked="" type="checkbox"/>	386	522.2735	1042.5325
<input checked="" type="checkbox"/>	388	522.2936	1042.5726
<input checked="" type="checkbox"/>	389	523.2669	1044.5193
<input checked="" type="checkbox"/>	390	523.7711	1045.5276
<input checked="" type="checkbox"/>	391	523.7729	1045.5312
<input checked="" type="checkbox"/>	393	523.8018	1045.5891
<input checked="" type="checkbox"/>	394	523.8018	1045.5891
<input checked="" type="checkbox"/>	395	523.8030	1045.5915
<input checked="" type="checkbox"/>	396	524.7614	1047.5083
<input checked="" type="checkbox"/>	397	524.7615	1047.5084
<input checked="" type="checkbox"/>	402	525.7646	1049.5147
<input checked="" type="checkbox"/>	403	525.7650	1049.5153
<input checked="" type="checkbox"/>	404	525.7688	1049.5230
<input checked="" type="checkbox"/>	405	526.2766	1050.5386
<input checked="" type="checkbox"/>	406	527.2887	1052.5629
<input checked="" type="checkbox"/>	407	527.2894	1052.5642
<input checked="" type="checkbox"/>	408	528.7759	1055.5373
<input checked="" type="checkbox"/>	409	528.7762	1055.5378
<input checked="" type="checkbox"/>	412	529.2948	1056.5751
<input checked="" type="checkbox"/>	418	530.2922	1058.5698
<input checked="" type="checkbox"/>	419	530.2939	1058.5732
<input checked="" type="checkbox"/>	420	530.7845	1059.5545
<input checked="" type="checkbox"/>	421	530.7861	1059.5577
<input checked="" type="checkbox"/>	424	533.2619	1064.5092
<input checked="" type="checkbox"/>	425	533.7855	1065.5565
<input checked="" type="checkbox"/>	426	534.2541	1066.4937
<input checked="" type="checkbox"/>	429	536.2560	1070.4975
<input checked="" type="checkbox"/>	430	536.7556	1071.4967
<input checked="" type="checkbox"/>	432	537.8035	1073.5925
<input checked="" type="checkbox"/>	433	537.8055	1073.5965
<input checked="" type="checkbox"/>	436	538.3016	1074.5886
<input checked="" type="checkbox"/>	438	538.8064	1075.5982
<input checked="" type="checkbox"/>	439	538.8064	1075.5982
<input checked="" type="checkbox"/>	442	539.2828	1076.5510
<input checked="" type="checkbox"/>	443	539.7414	1077.4682
<input checked="" type="checkbox"/>	444	539.7633	1077.5121
<input checked="" type="checkbox"/>	445	539.7636	1077.5126
<input checked="" type="checkbox"/>	446	540.7982	1079.5818
<input checked="" type="checkbox"/>	447	540.9097	1079.8048
<input checked="" type="checkbox"/>	448	541.2760	1080.5374
<input checked="" type="checkbox"/>	450	541.7823	1081.5500
<input checked="" type="checkbox"/>	451	541.7824	1081.5503
<input checked="" type="checkbox"/>	452	361.5378	1081.5917
<input checked="" type="checkbox"/>	453	541.8181	1081.6217
<input checked="" type="checkbox"/>	455	542.1968	1082.3791
<input checked="" type="checkbox"/>	456	542.3062	1082.5978
<input checked="" type="checkbox"/>	457	542.7837	1083.5528
<input checked="" type="checkbox"/>	458	543.3131	1084.6116
<input checked="" type="checkbox"/>	459	543.3134	1084.6122
<input checked="" type="checkbox"/>	460	543.3151	1084.6156
<input checked="" type="checkbox"/>	461	543.7651	1085.5156
<input checked="" type="checkbox"/>	462	543.7652	1085.5158
<input checked="" type="checkbox"/>	463	543.7658	1085.5170
<input checked="" type="checkbox"/>	464	544.2509	1086.4872
<input checked="" type="checkbox"/>	465	544.2658	1086.5171
<input checked="" type="checkbox"/>	466	544.2848	1086.5551
<input checked="" type="checkbox"/>	467	364.5694	1090.6863
<input checked="" type="checkbox"/>	468	546.6289	1091.2433
<input checked="" type="checkbox"/>	469	364.8645	1091.5717
<input checked="" type="checkbox"/>	470	546.8354	1091.6562
<input checked="" type="checkbox"/>	471	547.2668	1092.5191
<input checked="" type="checkbox"/>	472	547.3294	1092.6443
<input checked="" type="checkbox"/>	473	547.8140	1093.6134
<input checked="" type="checkbox"/>	474	550.3041	1098.5936
<input checked="" type="checkbox"/>	475	550.3045	1098.5944
<input checked="" type="checkbox"/>	480	550.8047	1099.5949
<input checked="" type="checkbox"/>	486	368.5530	1102.6370
<input checked="" type="checkbox"/>	487	368.5532	1102.6378
<input checked="" type="checkbox"/>	490	552.7695	1103.5245
<input checked="" type="checkbox"/>	491	553.2820	1104.5494
<input checked="" type="checkbox"/>	494	369.2043	1104.5910
<input checked="" type="checkbox"/>	495	553.7903	1105.5661
<input checked="" type="checkbox"/>	496	554.2754	1106.5362
<input checked="" type="checkbox"/>	499	554.3039	1106.5933
<input checked="" type="checkbox"/>	500	554.3039	1106.5933
<input checked="" type="checkbox"/>	501	554.7500	1107.4854

<input checked="" type="checkbox"/>	502	554.7500	1107.4854
<input checked="" type="checkbox"/>	503	370.8469	1109.5189
<input checked="" type="checkbox"/>	504	556.9493	1111.8839
<input checked="" type="checkbox"/>	505	557.8202	1113.6259
<input checked="" type="checkbox"/>	506	557.8207	1113.6267
<input checked="" type="checkbox"/>	508	558.2997	1114.5849
<input checked="" type="checkbox"/>	509	558.3016	1114.5886
<input checked="" type="checkbox"/>	510	558.7740	1115.5334
<input checked="" type="checkbox"/>	511	559.7948	1117.5751
<input checked="" type="checkbox"/>	512	559.8187	1117.6227
<input checked="" type="checkbox"/>	513	559.8188	1117.6229
<input checked="" type="checkbox"/>	514	560.2967	1118.5788
<input checked="" type="checkbox"/>	516	374.2048	1119.5925
<input checked="" type="checkbox"/>	517	374.2048	1119.5925
<input checked="" type="checkbox"/>	518	561.2952	1120.5757
<input checked="" type="checkbox"/>	519	561.2954	1120.5762
<input checked="" type="checkbox"/>	520	561.2954	1120.5762
<input checked="" type="checkbox"/>	521	561.7921	1121.5696
<input checked="" type="checkbox"/>	522	561.7922	1121.5698
<input checked="" type="checkbox"/>	523	561.8280	1121.6414
<input checked="" type="checkbox"/>	524	561.8287	1121.6429
<input checked="" type="checkbox"/>	525	561.8288	1121.6430
<input checked="" type="checkbox"/>	528	565.3091	1128.6037
<input checked="" type="checkbox"/>	530	565.7779	1129.5412
<input checked="" type="checkbox"/>	531	565.7779	1129.5413
<input checked="" type="checkbox"/>	532	565.7780	1129.5415
<input checked="" type="checkbox"/>	533	565.8245	1129.6345
<input checked="" type="checkbox"/>	539	566.9799	1131.9452
<input checked="" type="checkbox"/>	542	568.3052	1134.5957
<input checked="" type="checkbox"/>	543	568.7705	1135.5265
<input checked="" type="checkbox"/>	544	568.7707	1135.5268
<input checked="" type="checkbox"/>	545	569.2774	1136.5403
<input checked="" type="checkbox"/>	546	569.3023	1136.5900
<input checked="" type="checkbox"/>	547	569.7723	1137.5301
<input checked="" type="checkbox"/>	548	570.3468	1138.6791
<input checked="" type="checkbox"/>	549	571.3070	1140.5994
<input checked="" type="checkbox"/>	550	571.3074	1140.6002
<input checked="" type="checkbox"/>	551	571.3074	1140.6002
<input checked="" type="checkbox"/>	552	572.7731	1143.5316
<input checked="" type="checkbox"/>	553	572.7740	1143.5335
<input checked="" type="checkbox"/>	555	572.7954	1143.5762
<input checked="" type="checkbox"/>	556	572.7975	1143.5804
<input checked="" type="checkbox"/>	557	572.8376	1143.6606
<input checked="" type="checkbox"/>	558	572.8390	1143.6635
<input checked="" type="checkbox"/>	560	573.2926	1144.5706
<input checked="" type="checkbox"/>	561	573.3202	1144.6259
<input checked="" type="checkbox"/>	562	573.3202	1144.6259
<input checked="" type="checkbox"/>	563	573.3206	1144.6266
<input checked="" type="checkbox"/>	564	574.6686	1147.3226
<input checked="" type="checkbox"/>	565	575.3025	1148.5905
<input checked="" type="checkbox"/>	566	575.3035	1148.5924
<input checked="" type="checkbox"/>	567	383.8717	1148.5932
<input checked="" type="checkbox"/>	568	383.8717	1148.5932
<input checked="" type="checkbox"/>	569	383.8717	1148.5932
<input checked="" type="checkbox"/>	570	383.8717	1148.5932
<input checked="" type="checkbox"/>	571	383.8717	1148.5933
<input checked="" type="checkbox"/>	572	576.2868	1150.5591
<input checked="" type="checkbox"/>	573	385.2139	1152.6198
<input checked="" type="checkbox"/>	574	385.2139	1152.6198
<input checked="" type="checkbox"/>	575	577.7706	1153.5266
<input checked="" type="checkbox"/>	576	578.3289	1154.6433
<input checked="" type="checkbox"/>	579	578.8390	1155.6634
<input checked="" type="checkbox"/>	581	581.2796	1160.5446
<input checked="" type="checkbox"/>	583	581.3137	1160.6128
<input checked="" type="checkbox"/>	584	581.3148	1160.6150
<input checked="" type="checkbox"/>	585	581.3159	1160.6172
<input checked="" type="checkbox"/>	602	586.3187	1170.6228
<input checked="" type="checkbox"/>	603	586.3187	1170.6229
<input checked="" type="checkbox"/>	604	586.3191	1170.6237
<input checked="" type="checkbox"/>	605	586.8431	1171.6716
<input checked="" type="checkbox"/>	606	587.8255	1173.6364
<input checked="" type="checkbox"/>	607	588.8044	1175.5942
<input checked="" type="checkbox"/>	608	588.8044	1175.5943
<input checked="" type="checkbox"/>	611	590.3036	1178.5926
<input checked="" type="checkbox"/>	612	590.3038	1178.5930
<input checked="" type="checkbox"/>	613	590.3150	1178.6154
<input checked="" type="checkbox"/>	614	590.3152	1178.6158
<input checked="" type="checkbox"/>	615	590.3224	1178.6303
<input checked="" type="checkbox"/>	616	590.3229	1178.6313
<input checked="" type="checkbox"/>	617	590.3240	1178.6335
<input checked="" type="checkbox"/>	618	590.3260	1178.6374
<input checked="" type="checkbox"/>	619	590.3263	1178.6381
<input checked="" type="checkbox"/>	620	590.3274	1178.6402
<input checked="" type="checkbox"/>	621	590.8121	1179.6096
<input checked="" type="checkbox"/>	622	590.8137	1179.6128
<input checked="" type="checkbox"/>	623	590.8138	1179.6130
<input checked="" type="checkbox"/>	624	590.8149	1179.6152
<input checked="" type="checkbox"/>	625	590.8150	1179.6154
<input checked="" type="checkbox"/>	626	590.8250	1179.6355
<input checked="" type="checkbox"/>	628	395.8651	1184.5736
<input checked="" type="checkbox"/>	629	395.8654	1184.5744
<input checked="" type="checkbox"/>	630	395.8656	1184.5749
<input checked="" type="checkbox"/>	631	395.8656	1184.5750
<input checked="" type="checkbox"/>	632	593.3089	1184.6033

<input checked="" type="checkbox"/>	633	593.3090	1184.6034
<input checked="" type="checkbox"/>	634	593.3091	1184.6037
<input checked="" type="checkbox"/>	635	593.3092	1184.6038
<input checked="" type="checkbox"/>	636	593.3092	1184.6039
<input checked="" type="checkbox"/>	637	395.9031	1184.6873
<input checked="" type="checkbox"/>	638	593.3513	1184.6880
<input checked="" type="checkbox"/>	639	593.7962	1185.5779
<input checked="" type="checkbox"/>	640	593.8279	1185.6413
<input checked="" type="checkbox"/>	641	593.8304	1185.6463
<input checked="" type="checkbox"/>	642	396.2237	1185.6494
<input checked="" type="checkbox"/>	643	396.2237	1185.6494
<input checked="" type="checkbox"/>	644	593.8327	1185.6509
<input checked="" type="checkbox"/>	645	595.2768	1188.5390
<input checked="" type="checkbox"/>	646	595.2787	1188.5429
<input checked="" type="checkbox"/>	648	596.8193	1191.6240
<input checked="" type="checkbox"/>	649	596.8198	1191.6251
<input checked="" type="checkbox"/>	650	597.2835	1192.5525
<input checked="" type="checkbox"/>	651	597.2837	1192.5528
<input checked="" type="checkbox"/>	652	597.3057	1192.5969
<input checked="" type="checkbox"/>	653	597.3077	1192.6008
<input checked="" type="checkbox"/>	654	597.8274	1193.6402
<input checked="" type="checkbox"/>	655	399.2147	1194.6221
<input checked="" type="checkbox"/>	656	598.8168	1195.6190
<input checked="" type="checkbox"/>	657	598.8177	1195.6209
<input checked="" type="checkbox"/>	660	599.3498	1196.6850
<input checked="" type="checkbox"/>	661	599.8175	1197.6204
<input checked="" type="checkbox"/>	664	600.8384	1199.6623
<input checked="" type="checkbox"/>	665	601.2952	1200.5758
<input checked="" type="checkbox"/>	666	601.2960	1200.5774
<input checked="" type="checkbox"/>	667	601.2967	1200.5789
<input checked="" type="checkbox"/>	668	601.8288	1201.6431
<input checked="" type="checkbox"/>	669	601.9965	1201.9785
<input checked="" type="checkbox"/>	670	603.0118	1204.0090
<input checked="" type="checkbox"/>	671	603.3205	1204.6265
<input checked="" type="checkbox"/>	672	604.3016	1206.5887
<input checked="" type="checkbox"/>	673	604.3185	1206.6225
<input checked="" type="checkbox"/>	674	604.8123	1207.6100
<input checked="" type="checkbox"/>	675	405.8986	1214.6740
<input checked="" type="checkbox"/>	676	608.8555	1215.6964
<input checked="" type="checkbox"/>	677	608.8558	1215.6971
<input checked="" type="checkbox"/>	678	608.8560	1215.6974
<input checked="" type="checkbox"/>	679	608.8561	1215.6977
<input checked="" type="checkbox"/>	680	609.3335	1216.6525
<input checked="" type="checkbox"/>	681	610.3369	1218.6592
<input checked="" type="checkbox"/>	682	611.3103	1220.6061
<input checked="" type="checkbox"/>	685	408.2140	1221.6201
<input checked="" type="checkbox"/>	687	408.2186	1221.6341
<input checked="" type="checkbox"/>	688	613.3078	1224.6011
<input checked="" type="checkbox"/>	689	613.3089	1224.6031
<input checked="" type="checkbox"/>	690	613.3090	1224.6034
<input checked="" type="checkbox"/>	691	409.5471	1225.6195
<input checked="" type="checkbox"/>	692	409.5475	1225.6207
<input checked="" type="checkbox"/>	693	409.5475	1225.6207
<input checked="" type="checkbox"/>	694	613.8395	1225.6644
<input checked="" type="checkbox"/>	696	613.8709	1225.7273
<input checked="" type="checkbox"/>	697	614.2858	1226.5570
<input checked="" type="checkbox"/>	698	614.2865	1226.5584
<input checked="" type="checkbox"/>	699	614.7891	1227.5636
<input checked="" type="checkbox"/>	700	615.3033	1228.5920
<input checked="" type="checkbox"/>	701	615.3655	1228.7164
<input checked="" type="checkbox"/>	702	615.3661	1228.7176
<input checked="" type="checkbox"/>	703	615.3665	1228.7184
<input checked="" type="checkbox"/>	704	615.3667	1228.7188
<input checked="" type="checkbox"/>	705	615.8177	1229.6208
<input checked="" type="checkbox"/>	706	616.8013	1231.5881
<input checked="" type="checkbox"/>	707	616.9599	1231.9052
<input checked="" type="checkbox"/>	708	617.3202	1232.6258
<input checked="" type="checkbox"/>	709	617.3205	1232.6264
<input checked="" type="checkbox"/>	710	412.2308	1233.6707
<input checked="" type="checkbox"/>	711	618.2900	1234.5654
<input checked="" type="checkbox"/>	712	618.2903	1234.5661
<input checked="" type="checkbox"/>	713	618.2906	1234.5666
<input checked="" type="checkbox"/>	714	619.0040	1235.9934
<input checked="" type="checkbox"/>	715	619.3225	1236.6305
<input checked="" type="checkbox"/>	716	619.8001	1237.5857
<input checked="" type="checkbox"/>	717	619.8004	1237.5862
<input checked="" type="checkbox"/>	718	414.2176	1239.6310
<input checked="" type="checkbox"/>	719	414.5538	1240.6396
<input checked="" type="checkbox"/>	720	621.6551	1241.2957
<input checked="" type="checkbox"/>	721	621.8194	1241.6242
<input checked="" type="checkbox"/>	722	621.8525	1241.6904
<input checked="" type="checkbox"/>	723	621.8573	1241.6999
<input checked="" type="checkbox"/>	724	622.2910	1242.5674
<input checked="" type="checkbox"/>	725	622.3440	1242.6734
<input checked="" type="checkbox"/>	726	415.2447	1242.7122
<input checked="" type="checkbox"/>	727	415.8521	1244.5344
<input checked="" type="checkbox"/>	728	416.1778	1245.5116
<input checked="" type="checkbox"/>	729	416.1808	1245.5206
<input checked="" type="checkbox"/>	730	623.8244	1245.6343
<input checked="" type="checkbox"/>	731	623.8250	1245.6354
<input checked="" type="checkbox"/>	732	623.8253	1245.6361
<input checked="" type="checkbox"/>	733	623.8256	1245.6367
<input checked="" type="checkbox"/>	734	625.3299	1248.6452
<input checked="" type="checkbox"/>	735	625.3301	1248.6456

<input checked="" type="checkbox"/>	736	625.8156	1249.6166
<input checked="" type="checkbox"/>	737	625.8183	1249.6221
<input checked="" type="checkbox"/>	738	625.8223	1249.6300
<input checked="" type="checkbox"/>	739	627.3206	1252.6266
<input checked="" type="checkbox"/>	740	627.8064	1253.5982
<input checked="" type="checkbox"/>	741	628.3057	1254.5969
<input checked="" type="checkbox"/>	742	628.3058	1254.5970
<input checked="" type="checkbox"/>	743	628.3122	1254.6099
<input checked="" type="checkbox"/>	744	628.3354	1254.6562
<input checked="" type="checkbox"/>	745	628.7984	1255.5822
<input checked="" type="checkbox"/>	746	629.7981	1257.5816
<input checked="" type="checkbox"/>	747	629.8007	1257.5868
<input checked="" type="checkbox"/>	748	630.3149	1258.6152
<input checked="" type="checkbox"/>	750	630.8250	1259.6354
<input checked="" type="checkbox"/>	751	631.2976	1260.5806
<input checked="" type="checkbox"/>	752	631.2981	1260.5816
<input checked="" type="checkbox"/>	757	632.8263	1263.6381
<input checked="" type="checkbox"/>	759	422.8923	1265.6550
<input checked="" type="checkbox"/>	760	634.3411	1266.6677
<input checked="" type="checkbox"/>	762	423.2382	1266.6926
<input checked="" type="checkbox"/>	763	634.3537	1266.6928
<input checked="" type="checkbox"/>	764	423.2389	1266.6947
<input checked="" type="checkbox"/>	765	635.3631	1268.7116
<input checked="" type="checkbox"/>	766	635.3633	1268.7121
<input checked="" type="checkbox"/>	767	635.7846	1269.5546
<input checked="" type="checkbox"/>	768	635.7856	1269.5566
<input checked="" type="checkbox"/>	769	636.3148	1270.6151
<input checked="" type="checkbox"/>	770	637.3663	1272.7180
<input checked="" type="checkbox"/>	771	637.3666	1272.7186
<input checked="" type="checkbox"/>	772	638.3250	1274.6355
<input checked="" type="checkbox"/>	773	638.8146	1275.6146
<input checked="" type="checkbox"/>	774	639.3586	1276.7026
<input checked="" type="checkbox"/>	775	639.3588	1276.7031
<input checked="" type="checkbox"/>	776	427.2288	1278.6645
<input checked="" type="checkbox"/>	777	428.9215	1283.7427
<input checked="" type="checkbox"/>	778	643.3430	1284.6715
<input checked="" type="checkbox"/>	780	643.8763	1285.7380
<input checked="" type="checkbox"/>	781	643.8765	1285.7385
<input checked="" type="checkbox"/>	782	643.8766	1285.7387
<input checked="" type="checkbox"/>	783	643.8769	1285.7392
<input checked="" type="checkbox"/>	784	643.8771	1285.7396
<input checked="" type="checkbox"/>	785	643.8774	1285.7403
<input checked="" type="checkbox"/>	786	644.3194	1286.6242
<input checked="" type="checkbox"/>	787	644.3196	1286.6246
<input checked="" type="checkbox"/>	788	644.3199	1286.6252
<input checked="" type="checkbox"/>	789	645.2976	1288.5807
<input checked="" type="checkbox"/>	790	645.2986	1288.5826
<input checked="" type="checkbox"/>	791	645.2987	1288.5829
<input checked="" type="checkbox"/>	792	430.5661	1288.6766
<input checked="" type="checkbox"/>	793	430.5664	1288.6775
<input checked="" type="checkbox"/>	794	431.1734	1290.4983
<input checked="" type="checkbox"/>	795	646.7992	1291.5839
<input checked="" type="checkbox"/>	796	646.8396	1291.6646
<input checked="" type="checkbox"/>	801	431.9072	1292.6999
<input checked="" type="checkbox"/>	802	431.9073	1292.7000
<input checked="" type="checkbox"/>	803	431.9224	1292.7453
<input checked="" type="checkbox"/>	804	431.9224	1292.7454
<input checked="" type="checkbox"/>	805	647.8684	1293.7223
<input checked="" type="checkbox"/>	807	648.8074	1295.6003
<input checked="" type="checkbox"/>	808	648.8078	1295.6010
<input checked="" type="checkbox"/>	809	648.8078	1295.6011
<input checked="" type="checkbox"/>	810	648.8171	1295.6196
<input checked="" type="checkbox"/>	811	649.3137	1296.6129
<input checked="" type="checkbox"/>	812	433.5931	1297.7574
<input checked="" type="checkbox"/>	813	650.2738	1298.5331
<input checked="" type="checkbox"/>	814	433.8559	1298.5458
<input checked="" type="checkbox"/>	815	434.1910	1299.5513
<input checked="" type="checkbox"/>	818	651.8601	1301.7055
<input checked="" type="checkbox"/>	819	651.8605	1301.7065
<input checked="" type="checkbox"/>	820	651.8608	1301.7070
<input checked="" type="checkbox"/>	821	651.8611	1301.7077
<input checked="" type="checkbox"/>	824	436.8948	1307.6627
<input checked="" type="checkbox"/>	825	655.3287	1308.6427
<input checked="" type="checkbox"/>	826	656.8696	1311.7247
<input checked="" type="checkbox"/>	827	656.8698	1311.7251
<input checked="" type="checkbox"/>	830	657.8155	1313.6165
<input checked="" type="checkbox"/>	831	657.8156	1313.6166
<input checked="" type="checkbox"/>	832	657.8162	1313.6179
<input checked="" type="checkbox"/>	833	657.8655	1313.7165
<input checked="" type="checkbox"/>	834	657.8697	1313.7249
<input checked="" type="checkbox"/>	835	657.8697	1313.7249
<input checked="" type="checkbox"/>	836	438.9179	1313.7319
<input checked="" type="checkbox"/>	837	657.8751	1313.7357
<input checked="" type="checkbox"/>	838	438.9266	1313.7578
<input checked="" type="checkbox"/>	839	438.9269	1313.7589
<input checked="" type="checkbox"/>	840	658.8219	1315.6291
<input checked="" type="checkbox"/>	841	439.8973	1316.6701
<input checked="" type="checkbox"/>	842	661.8558	1321.6970
<input checked="" type="checkbox"/>	843	441.5859	1321.7358
<input checked="" type="checkbox"/>	844	441.9081	1322.7025
<input checked="" type="checkbox"/>	845	442.5892	1324.7458
<input checked="" type="checkbox"/>	846	442.5893	1324.7460
<input checked="" type="checkbox"/>	847	664.3302	1326.6458
<input checked="" type="checkbox"/>	848	664.3304	1326.6463

<input checked="" type="checkbox"/>	849	664.8259	1327.6372
<input checked="" type="checkbox"/>	850	664.8261	1327.6376
<input checked="" type="checkbox"/>	851	664.8319	1327.6493
<input checked="" type="checkbox"/>	852	443.5583	1327.6532
<input checked="" type="checkbox"/>	853	665.3321	1328.6496
<input checked="" type="checkbox"/>	854	443.9061	1328.6965
<input checked="" type="checkbox"/>	855	443.9094	1328.7064
<input checked="" type="checkbox"/>	856	665.3654	1328.7162
<input checked="" type="checkbox"/>	857	665.3661	1328.7177
<input checked="" type="checkbox"/>	858	665.3666	1328.7186
<input checked="" type="checkbox"/>	859	665.3672	1328.7198
<input checked="" type="checkbox"/>	860	665.8644	1329.7142
<input checked="" type="checkbox"/>	861	444.2731	1329.7976
<input checked="" type="checkbox"/>	862	666.8296	1331.6447
<input checked="" type="checkbox"/>	863	666.8314	1331.6482
<input checked="" type="checkbox"/>	864	666.8315	1331.6485
<input checked="" type="checkbox"/>	865	666.8520	1331.6895
<input checked="" type="checkbox"/>	867	447.5609	1339.6608
<input checked="" type="checkbox"/>	869	448.1714	1341.4923
<input checked="" type="checkbox"/>	870	671.8444	1341.6742
<input checked="" type="checkbox"/>	871	671.8530	1341.6914
<input checked="" type="checkbox"/>	873	672.8251	1343.6357
<input checked="" type="checkbox"/>	874	672.8256	1343.6367
<input checked="" type="checkbox"/>	875	672.8260	1343.6374
<input checked="" type="checkbox"/>	876	672.8279	1343.6412
<input checked="" type="checkbox"/>	877	448.9244	1343.7513
<input checked="" type="checkbox"/>	878	450.5105	1348.5097
<input checked="" type="checkbox"/>	879	675.7061	1349.3976
<input checked="" type="checkbox"/>	880	676.3482	1350.6818
<input checked="" type="checkbox"/>	881	676.3487	1350.6829
<input checked="" type="checkbox"/>	882	676.3495	1350.6845
<input checked="" type="checkbox"/>	883	676.3814	1350.7483
<input checked="" type="checkbox"/>	884	676.3814	1350.7483
<input checked="" type="checkbox"/>	885	676.3821	1350.7496
<input checked="" type="checkbox"/>	886	676.3828	1350.7510
<input checked="" type="checkbox"/>	887	451.2578	1350.7516
<input checked="" type="checkbox"/>	888	451.2579	1350.7518
<input checked="" type="checkbox"/>	889	677.3484	1352.6823
<input checked="" type="checkbox"/>	890	677.3553	1352.6960
<input checked="" type="checkbox"/>	891	677.8693	1353.7240
<input checked="" type="checkbox"/>	892	677.8700	1353.7254
<input checked="" type="checkbox"/>	893	452.5470	1354.6191
<input checked="" type="checkbox"/>	897	679.7985	1357.5824
<input checked="" type="checkbox"/>	898	679.7985	1357.5824
<input checked="" type="checkbox"/>	899	679.7996	1357.5846
<input checked="" type="checkbox"/>	900	679.8540	1357.6934
<input checked="" type="checkbox"/>	904	681.3465	1360.6784
<input checked="" type="checkbox"/>	905	681.3490	1360.6835
<input checked="" type="checkbox"/>	906	681.3500	1360.6854
<input checked="" type="checkbox"/>	907	681.3501	1360.6856
<input checked="" type="checkbox"/>	908	455.8887	1364.6442
<input checked="" type="checkbox"/>	909	455.8887	1364.6443
<input checked="" type="checkbox"/>	910	685.3563	1368.6980
<input checked="" type="checkbox"/>	912	686.3823	1370.7500
<input checked="" type="checkbox"/>	913	686.3825	1370.7504
<input checked="" type="checkbox"/>	914	686.3827	1370.7508
<input checked="" type="checkbox"/>	915	688.3691	1374.7236
<input checked="" type="checkbox"/>	916	688.3695	1374.7244
<input checked="" type="checkbox"/>	917	688.8354	1375.6563
<input checked="" type="checkbox"/>	918	689.3314	1376.6482
<input checked="" type="checkbox"/>	919	690.3661	1378.7176
<input checked="" type="checkbox"/>	920	690.3661	1378.7176
<input checked="" type="checkbox"/>	921	690.3665	1378.7184
<input checked="" type="checkbox"/>	922	690.3665	1378.7184
<input checked="" type="checkbox"/>	923	690.3665	1378.7184
<input checked="" type="checkbox"/>	924	690.3665	1378.7184
<input checked="" type="checkbox"/>	925	690.3666	1378.7186
<input checked="" type="checkbox"/>	926	690.3666	1378.7186
<input checked="" type="checkbox"/>	927	690.3666	1378.7186
<input checked="" type="checkbox"/>	928	690.3666	1378.7186
<input checked="" type="checkbox"/>	929	690.3666	1378.7186
<input checked="" type="checkbox"/>	930	690.3666	1378.7187
<input checked="" type="checkbox"/>	931	690.3666	1378.7187
<input checked="" type="checkbox"/>	932	460.5808	1378.7205
<input checked="" type="checkbox"/>	933	460.5810	1378.7213
<input checked="" type="checkbox"/>	934	690.3696	1378.7247
<input checked="" type="checkbox"/>	935	691.3275	1380.6404
<input checked="" type="checkbox"/>	936	461.5505	1381.6296
<input checked="" type="checkbox"/>	937	692.3472	1382.6798
<input checked="" type="checkbox"/>	938	692.3473	1382.6800
<input checked="" type="checkbox"/>	939	692.3569	1382.6992
<input checked="" type="checkbox"/>	940	692.3585	1382.7024
<input checked="" type="checkbox"/>	941	692.3585	1382.7024
<input checked="" type="checkbox"/>	942	692.3597	1382.7048
<input checked="" type="checkbox"/>	943	462.5263	1384.5570
<input checked="" type="checkbox"/>	944	693.3664	1384.7181
<input checked="" type="checkbox"/>	945	693.8692	1385.7239
<input checked="" type="checkbox"/>	946	695.3406	1388.6667
<input checked="" type="checkbox"/>	947	695.3412	1388.6678
<input checked="" type="checkbox"/>	948	463.9074	1388.7003
<input checked="" type="checkbox"/>	949	464.5884	1390.7434
<input checked="" type="checkbox"/>	950	464.5888	1390.7446
<input checked="" type="checkbox"/>	951	464.5888	1390.7447
<input checked="" type="checkbox"/>	952	464.9157	1391.7253

<input checked="" type="checkbox"/>	953	465.2490	1392.7251
<input checked="" type="checkbox"/>	954	465.2493	1392.7259
<input checked="" type="checkbox"/>	955	699.8867	1397.7588
<input checked="" type="checkbox"/>	956	700.3799	1398.7452
<input checked="" type="checkbox"/>	957	467.2569	1398.7489
<input checked="" type="checkbox"/>	958	700.8884	1399.7622
<input checked="" type="checkbox"/>	959	700.8902	1399.7659
<input checked="" type="checkbox"/>	960	700.8905	1399.7664
<input checked="" type="checkbox"/>	961	468.2210	1401.6413
<input checked="" type="checkbox"/>	962	701.8398	1401.6650
<input checked="" type="checkbox"/>	963	702.3428	1402.6710
<input checked="" type="checkbox"/>	964	702.3451	1402.6755
<input checked="" type="checkbox"/>	965	468.9136	1403.7189
<input checked="" type="checkbox"/>	966	468.9137	1403.7194
<input checked="" type="checkbox"/>	967	703.3689	1404.7232
<input checked="" type="checkbox"/>	968	703.3697	1404.7249
<input checked="" type="checkbox"/>	969	703.3698	1404.7251
<input checked="" type="checkbox"/>	970	703.3699	1404.7252
<input checked="" type="checkbox"/>	971	703.3701	1404.7256
<input checked="" type="checkbox"/>	972	703.3702	1404.7258
<input checked="" type="checkbox"/>	973	703.3714	1404.7282
<input checked="" type="checkbox"/>	974	703.3809	1404.7472
<input checked="" type="checkbox"/>	975	704.0158	1406.0170
<input checked="" type="checkbox"/>	976	469.8857	1406.6354
<input checked="" type="checkbox"/>	977	470.2648	1407.7726
<input checked="" type="checkbox"/>	978	705.3759	1408.7373
<input checked="" type="checkbox"/>	979	471.2752	1410.8038
<input checked="" type="checkbox"/>	980	471.5427	1411.6064
<input checked="" type="checkbox"/>	981	707.8777	1413.7407
<input checked="" type="checkbox"/>	982	472.5870	1414.7393
<input checked="" type="checkbox"/>	983	472.5872	1414.7397
<input checked="" type="checkbox"/>	984	708.8650	1415.7155
<input checked="" type="checkbox"/>	985	709.8612	1417.7079
<input checked="" type="checkbox"/>	986	714.3664	1426.7183
<input checked="" type="checkbox"/>	987	714.3680	1426.7215
<input checked="" type="checkbox"/>	988	714.3684	1426.7223
<input checked="" type="checkbox"/>	990	478.2171	1431.6294
<input checked="" type="checkbox"/>	991	718.3442	1434.6739
<input checked="" type="checkbox"/>	992	718.3444	1434.6742
<input checked="" type="checkbox"/>	993	718.3444	1434.6742
<input checked="" type="checkbox"/>	995	483.2580	1446.7521
<input checked="" type="checkbox"/>	996	724.8536	1447.6927
<input checked="" type="checkbox"/>	997	724.8543	1447.6940
<input checked="" type="checkbox"/>	998	725.9333	1449.8521
<input checked="" type="checkbox"/>	999	725.9345	1449.8545
<input checked="" type="checkbox"/>	1000	725.9348	1449.8551
<input checked="" type="checkbox"/>	1001	725.9349	1449.8553
<input checked="" type="checkbox"/>	1002	484.2924	1449.8554
<input checked="" type="checkbox"/>	1003	484.2924	1449.8554
<input checked="" type="checkbox"/>	1004	484.2924	1449.8554
<input checked="" type="checkbox"/>	1005	484.2924	1449.8554
<input checked="" type="checkbox"/>	1006	484.2924	1449.8554
<input checked="" type="checkbox"/>	1007	484.2924	1449.8554
<input checked="" type="checkbox"/>	1008	484.2924	1449.8554
<input checked="" type="checkbox"/>	1009	484.2924	1449.8554
<input checked="" type="checkbox"/>	1010	484.2924	1449.8555
<input checked="" type="checkbox"/>	1011	484.2924	1449.8555
<input checked="" type="checkbox"/>	1012	485.9244	1454.7514
<input checked="" type="checkbox"/>	1013	728.7201	1455.4257
<input checked="" type="checkbox"/>	1014	728.7205	1455.4263
<input checked="" type="checkbox"/>	1015	486.2384	1455.6933
<input checked="" type="checkbox"/>	1016	486.2591	1455.7556
<input checked="" type="checkbox"/>	1017	486.2593	1455.7560
<input checked="" type="checkbox"/>	1018	486.2605	1455.7596
<input checked="" type="checkbox"/>	1019	728.8908	1455.7671
<input checked="" type="checkbox"/>	1020	486.2644	1455.7713
<input checked="" type="checkbox"/>	1021	486.2646	1455.7720
<input checked="" type="checkbox"/>	1022	486.2648	1455.7727
<input checked="" type="checkbox"/>	1023	486.2648	1455.7727
<input checked="" type="checkbox"/>	1024	486.2648	1455.7727
<input checked="" type="checkbox"/>	1025	486.2650	1455.7730
<input checked="" type="checkbox"/>	1026	730.3485	1458.6824
<input checked="" type="checkbox"/>	1028	487.2598	1458.7575
<input checked="" type="checkbox"/>	1029	487.2602	1458.7586
<input checked="" type="checkbox"/>	1030	731.9116	1461.8086
<input checked="" type="checkbox"/>	1031	731.9116	1461.8086
<input checked="" type="checkbox"/>	1032	732.3617	1462.7088
<input checked="" type="checkbox"/>	1033	733.8468	1465.6791
<input checked="" type="checkbox"/>	1034	733.8469	1465.6792
<input checked="" type="checkbox"/>	1035	489.5998	1465.7776
<input checked="" type="checkbox"/>	1036	489.5998	1465.7776
<input checked="" type="checkbox"/>	1037	489.5998	1465.7776
<input checked="" type="checkbox"/>	1038	733.8961	1465.7777
<input checked="" type="checkbox"/>	1039	490.9004	1469.6795
<input checked="" type="checkbox"/>	1042	735.8868	1469.7591
<input checked="" type="checkbox"/>	1043	490.9317	1469.7733
<input checked="" type="checkbox"/>	1044	737.3335	1472.6524
<input checked="" type="checkbox"/>	1045	737.3395	1472.6645
<input checked="" type="checkbox"/>	1046	738.3756	1474.7366
<input checked="" type="checkbox"/>	1047	738.3763	1474.7380
<input checked="" type="checkbox"/>	1048	738.3961	1474.7777
<input checked="" type="checkbox"/>	1049	738.3962	1474.7779
<input checked="" type="checkbox"/>	1050	740.1136	1478.2126
<input checked="" type="checkbox"/>	1051	493.9549	1478.8428

<input checked="" type="checkbox"/>	1052	494.2181	1479.6326
<input checked="" type="checkbox"/>	1054	742.8773	1483.7399
<input checked="" type="checkbox"/>	1055	745.3297	1488.6448
<input checked="" type="checkbox"/>	1056	745.3297	1488.6449
<input checked="" type="checkbox"/>	1057	745.3306	1488.6466
<input checked="" type="checkbox"/>	1058	745.3361	1488.6575
<input checked="" type="checkbox"/>	1059	745.9905	1489.9665
<input checked="" type="checkbox"/>	1060	497.9390	1490.7951
<input checked="" type="checkbox"/>	1061	498.5831	1492.7273
<input checked="" type="checkbox"/>	1062	749.3899	1496.7651
<input checked="" type="checkbox"/>	1063	499.9292	1496.7657
<input checked="" type="checkbox"/>	1064	499.9292	1496.7657
<input checked="" type="checkbox"/>	1065	749.3911	1496.7676
<input checked="" type="checkbox"/>	1066	750.3447	1498.6748
<input checked="" type="checkbox"/>	1067	750.3611	1498.7076
<input checked="" type="checkbox"/>	1068	750.3611	1498.7076
<input checked="" type="checkbox"/>	1069	750.9195	1499.8244
<input checked="" type="checkbox"/>	1070	750.9265	1499.8384
<input checked="" type="checkbox"/>	1071	501.2088	1500.6046
<input checked="" type="checkbox"/>	1072	751.8615	1501.7084
<input checked="" type="checkbox"/>	1074	502.8914	1505.6524
<input checked="" type="checkbox"/>	1075	502.8916	1505.6531
<input checked="" type="checkbox"/>	1076	754.3695	1506.7245
<input checked="" type="checkbox"/>	1077	754.4437	1506.8729
<input checked="" type="checkbox"/>	1078	754.4456	1506.8767
<input checked="" type="checkbox"/>	1079	755.8480	1509.6815
<input checked="" type="checkbox"/>	1080	756.3638	1510.7131
<input checked="" type="checkbox"/>	1081	756.3646	1510.7146
<input checked="" type="checkbox"/>	1082	505.2548	1512.7425
<input checked="" type="checkbox"/>	1083	505.2548	1512.7427
<input checked="" type="checkbox"/>	1084	505.2548	1512.7427
<input checked="" type="checkbox"/>	1085	505.2548	1512.7427
<input checked="" type="checkbox"/>	1086	757.3800	1512.7454
<input checked="" type="checkbox"/>	1087	757.3809	1512.7472
<input checked="" type="checkbox"/>	1088	757.3809	1512.7473
<input checked="" type="checkbox"/>	1089	505.2674	1512.7804
<input checked="" type="checkbox"/>	1090	757.3981	1512.7816
<input checked="" type="checkbox"/>	1091	505.2706	1512.7901
<input checked="" type="checkbox"/>	1092	505.5828	1513.7265
<input checked="" type="checkbox"/>	1093	505.5868	1513.7385
<input checked="" type="checkbox"/>	1094	757.8939	1513.7733
<input checked="" type="checkbox"/>	1095	505.6070	1513.7991
<input checked="" type="checkbox"/>	1099	506.2595	1515.7568
<input checked="" type="checkbox"/>	1100	506.2598	1515.7574
<input checked="" type="checkbox"/>	1101	506.6235	1516.8486
<input checked="" type="checkbox"/>	1103	507.6040	1519.7900
<input checked="" type="checkbox"/>	1104	508.2227	1521.6462
<input checked="" type="checkbox"/>	1105	763.8881	1525.7617
<input checked="" type="checkbox"/>	1106	764.3598	1526.7051
<input checked="" type="checkbox"/>	1107	764.3601	1526.7057
<input checked="" type="checkbox"/>	1108	764.3603	1526.7060
<input checked="" type="checkbox"/>	1109	764.3614	1526.7083
<input checked="" type="checkbox"/>	1110	764.3669	1526.7192
<input checked="" type="checkbox"/>	1111	764.8731	1527.7316
<input checked="" type="checkbox"/>	1112	764.8734	1527.7323
<input checked="" type="checkbox"/>	1113	510.9139	1529.7200
<input checked="" type="checkbox"/>	1114	510.9140	1529.7203
<input checked="" type="checkbox"/>	1115	510.9146	1529.7220
<input checked="" type="checkbox"/>	1118	511.9568	1532.8487
<input checked="" type="checkbox"/>	1119	513.9251	1538.7534
<input checked="" type="checkbox"/>	1120	513.9414	1538.8024
<input checked="" type="checkbox"/>	1125	770.9781	1539.9417
<input checked="" type="checkbox"/>	1126	514.6143	1540.8210
<input checked="" type="checkbox"/>	1127	514.6145	1540.8218
<input checked="" type="checkbox"/>	1128	514.8601	1541.5586
<input checked="" type="checkbox"/>	1129	781.9091	1561.8036
<input checked="" type="checkbox"/>	1130	781.9094	1561.8043
<input checked="" type="checkbox"/>	1131	781.9147	1561.8148
<input checked="" type="checkbox"/>	1132	521.8993	1562.6760
<input checked="" type="checkbox"/>	1133	521.8993	1562.6761
<input checked="" type="checkbox"/>	1135	783.4472	1564.8798
<input checked="" type="checkbox"/>	1136	783.4490	1564.8834
<input checked="" type="checkbox"/>	1137	522.6352	1564.8838
<input checked="" type="checkbox"/>	1138	783.4501	1564.8857
<input checked="" type="checkbox"/>	1139	522.8930	1565.6573
<input checked="" type="checkbox"/>	1140	522.8930	1565.6573
<input checked="" type="checkbox"/>	1141	784.3756	1566.7367
<input checked="" type="checkbox"/>	1142	784.3779	1566.7412
<input checked="" type="checkbox"/>	1143	784.5960	1567.1774
<input checked="" type="checkbox"/>	1144	785.8916	1569.7687
<input checked="" type="checkbox"/>	1145	785.9491	1569.8837
<input checked="" type="checkbox"/>	1148	524.3021	1569.8846
<input checked="" type="checkbox"/>	1149	524.3021	1569.8846
<input checked="" type="checkbox"/>	1153	524.3027	1569.8863
<input checked="" type="checkbox"/>	1154	785.9505	1569.8864
<input checked="" type="checkbox"/>	1155	787.8379	1573.6613
<input checked="" type="checkbox"/>	1156	788.8458	1575.6771
<input checked="" type="checkbox"/>	1157	790.0633	1578.1120
<input checked="" type="checkbox"/>	1158	527.5458	1579.6155
<input checked="" type="checkbox"/>	1159	790.8859	1579.7571
<input checked="" type="checkbox"/>	1160	790.8860	1579.7575
<input checked="" type="checkbox"/>	1161	527.6186	1579.8340
<input checked="" type="checkbox"/>	1162	527.6189	1579.8349
<input checked="" type="checkbox"/>	1163	527.6191	1579.8356

<input checked="" type="checkbox"/>	1164	793.8809	1585.7472
<input checked="" type="checkbox"/>	1165	793.8810	1585.7474
<input checked="" type="checkbox"/>	1166	793.8815	1585.7485
<input checked="" type="checkbox"/>	1169	530.2987	1587.8743
<input checked="" type="checkbox"/>	1170	530.9624	1589.8653
<input checked="" type="checkbox"/>	1171	531.9464	1592.8174
<input checked="" type="checkbox"/>	1172	797.4249	1592.8353
<input checked="" type="checkbox"/>	1173	797.4267	1592.8389
<input checked="" type="checkbox"/>	1174	800.3706	1598.7266
<input checked="" type="checkbox"/>	1175	534.2874	1599.8403
<input checked="" type="checkbox"/>	1176	801.0211	1600.0277
<input checked="" type="checkbox"/>	1177	804.3844	1606.7543
<input checked="" type="checkbox"/>	1178	804.9059	1607.7973
<input checked="" type="checkbox"/>	1179	808.1621	1614.3096
<input checked="" type="checkbox"/>	1180	539.9072	1616.6999
<input checked="" type="checkbox"/>	1181	540.2728	1617.7965
<input checked="" type="checkbox"/>	1182	540.2728	1617.7965
<input checked="" type="checkbox"/>	1183	541.9403	1622.7992
<input checked="" type="checkbox"/>	1184	407.7108	1626.8142
<input checked="" type="checkbox"/>	1185	544.2938	1629.8594
<input checked="" type="checkbox"/>	1186	818.1527	1634.2908
<input checked="" type="checkbox"/>	1187	546.6246	1636.8520
<input checked="" type="checkbox"/>	1188	547.2249	1638.6530
<input checked="" type="checkbox"/>	1189	821.2204	1640.4263
<input checked="" type="checkbox"/>	1190	547.9462	1640.8167
<input checked="" type="checkbox"/>	1191	550.2798	1647.8176
<input checked="" type="checkbox"/>	1192	824.9179	1647.8213
<input checked="" type="checkbox"/>	1193	824.9179	1647.8213
<input checked="" type="checkbox"/>	1194	824.9179	1647.8213
<input checked="" type="checkbox"/>	1196	551.2881	1650.8424
<input checked="" type="checkbox"/>	1197	827.4254	1652.8363
<input checked="" type="checkbox"/>	1198	551.9958	1652.9655
<input checked="" type="checkbox"/>	1199	552.6045	1654.7918
<input checked="" type="checkbox"/>	1200	552.6046	1654.7920
<input checked="" type="checkbox"/>	1201	552.6047	1654.7923
<input checked="" type="checkbox"/>	1202	829.0844	1656.1543
<input checked="" type="checkbox"/>	1203	554.6536	1660.9390
<input checked="" type="checkbox"/>	1204	833.3851	1664.7556
<input checked="" type="checkbox"/>	1212	834.3723	1666.7301
<input checked="" type="checkbox"/>	1213	834.3801	1666.7456
<input checked="" type="checkbox"/>	1214	834.3801	1666.7456
<input checked="" type="checkbox"/>	1215	834.3802	1666.7458
<input checked="" type="checkbox"/>	1216	834.3802	1666.7458
<input checked="" type="checkbox"/>	1217	834.3802	1666.7458
<input checked="" type="checkbox"/>	1218	834.3802	1666.7458
<input checked="" type="checkbox"/>	1219	834.3802	1666.7458
<input checked="" type="checkbox"/>	1220	834.3802	1666.7458
<input checked="" type="checkbox"/>	1221	834.3803	1666.7460
<input checked="" type="checkbox"/>	1222	834.3803	1666.7460
<input checked="" type="checkbox"/>	1223	834.3803	1666.7460
<input checked="" type="checkbox"/>	1224	556.5895	1666.7466
<input checked="" type="checkbox"/>	1225	556.5898	1666.7477
<input checked="" type="checkbox"/>	1226	556.5900	1666.7481
<input checked="" type="checkbox"/>	1227	556.6224	1666.8453
<input checked="" type="checkbox"/>	1228	834.4305	1666.8465
<input checked="" type="checkbox"/>	1229	556.6230	1666.8471
<input checked="" type="checkbox"/>	1230	556.6230	1666.8471
<input checked="" type="checkbox"/>	1231	560.2938	1677.8597
<input checked="" type="checkbox"/>	1232	840.4242	1678.8338
<input checked="" type="checkbox"/>	1233	840.4243	1678.8341
<input checked="" type="checkbox"/>	1234	840.4244	1678.8342
<input checked="" type="checkbox"/>	1235	560.6187	1678.8344
<input checked="" type="checkbox"/>	1236	560.6194	1678.8363
<input checked="" type="checkbox"/>	1237	560.6199	1678.8379
<input checked="" type="checkbox"/>	1238	560.6199	1678.8379
<input checked="" type="checkbox"/>	1239	560.6199	1678.8379
<input checked="" type="checkbox"/>	1240	560.6199	1678.8379
<input checked="" type="checkbox"/>	1241	560.6199	1678.8379
<input checked="" type="checkbox"/>	1242	560.6199	1678.8379
<input checked="" type="checkbox"/>	1243	560.6199	1678.8379
<input checked="" type="checkbox"/>	1244	560.6199	1678.8379
<input checked="" type="checkbox"/>	1245	560.6199	1678.8379
<input checked="" type="checkbox"/>	1246	560.6199	1678.8379
<input checked="" type="checkbox"/>	1247	560.6200	1678.8381
<input checked="" type="checkbox"/>	1248	560.9548	1679.8426
<input checked="" type="checkbox"/>	1249	560.9582	1679.8527
<input checked="" type="checkbox"/>	1250	421.5815	1682.2968
<input checked="" type="checkbox"/>	1251	561.9427	1682.8064
<input checked="" type="checkbox"/>	1253	565.2757	1692.8053
<input checked="" type="checkbox"/>	1254	565.2770	1692.8093
<input checked="" type="checkbox"/>	1255	848.3807	1694.7468
<input checked="" type="checkbox"/>	1256	848.6268	1695.2391
<input checked="" type="checkbox"/>	1257	566.9799	1697.9179
<input checked="" type="checkbox"/>	1258	567.2906	1698.8499
<input checked="" type="checkbox"/>	1259	567.3244	1698.9514
<input checked="" type="checkbox"/>	1260	851.4560	1700.8974
<input checked="" type="checkbox"/>	1261	567.9733	1700.8982
<input checked="" type="checkbox"/>	1262	854.3924	1706.7702
<input checked="" type="checkbox"/>	1263	854.4463	1706.8781
<input checked="" type="checkbox"/>	1264	854.4466	1706.8785
<input checked="" type="checkbox"/>	1265	569.9851	1706.9334
<input checked="" type="checkbox"/>	1266	569.9857	1706.9352
<input checked="" type="checkbox"/>	1267	569.9863	1706.9369
<input checked="" type="checkbox"/>	1268	570.6235	1708.8487

<input checked="" type="checkbox"/>	1269	570.6237	1708.8491
<input checked="" type="checkbox"/>	1270	571.5897	1711.7473
<input checked="" type="checkbox"/>	1271	856.8812	1711.7479
<input checked="" type="checkbox"/>	1272	856.8816	1711.7487
<input checked="" type="checkbox"/>	1273	856.8816	1711.7487
<input checked="" type="checkbox"/>	1274	856.8817	1711.7489
<input checked="" type="checkbox"/>	1275	571.5905	1711.7498
<input checked="" type="checkbox"/>	1276	571.5905	1711.7498
<input checked="" type="checkbox"/>	1277	571.5905	1711.7498
<input checked="" type="checkbox"/>	1278	571.5905	1711.7498
<input checked="" type="checkbox"/>	1279	571.5905	1711.7498
<input checked="" type="checkbox"/>	1280	571.6119	1711.8138
<input checked="" type="checkbox"/>	1281	857.3702	1712.7259
<input checked="" type="checkbox"/>	1282	571.9304	1712.7693
<input checked="" type="checkbox"/>	1283	572.0097	1713.0073
<input checked="" type="checkbox"/>	1284	857.5114	1713.0083
<input checked="" type="checkbox"/>	1285	857.5114	1713.0083
<input checked="" type="checkbox"/>	1286	857.5114	1713.0083
<input checked="" type="checkbox"/>	1287	857.5119	1713.0092
<input checked="" type="checkbox"/>	1288	858.4826	1714.9506
<input checked="" type="checkbox"/>	1289	572.6577	1714.9512
<input checked="" type="checkbox"/>	1290	572.6577	1714.9512
<input checked="" type="checkbox"/>	1291	858.4832	1714.9518
<input checked="" type="checkbox"/>	1292	572.6582	1714.9527
<input checked="" type="checkbox"/>	1293	572.6582	1714.9527
<input checked="" type="checkbox"/>	1294	572.6582	1714.9527
<input checked="" type="checkbox"/>	1295	572.6583	1714.9530
<input checked="" type="checkbox"/>	1296	572.6583	1714.9530
<input checked="" type="checkbox"/>	1297	572.6583	1714.9530
<input checked="" type="checkbox"/>	1298	573.9291	1718.7654
<input checked="" type="checkbox"/>	1299	573.9300	1718.7682
<input checked="" type="checkbox"/>	1300	574.2273	1719.6601
<input checked="" type="checkbox"/>	1301	574.2276	1719.6610
<input checked="" type="checkbox"/>	1302	574.2782	1719.8128
<input checked="" type="checkbox"/>	1303	574.2782	1719.8128
<input checked="" type="checkbox"/>	1304	574.2803	1719.8191
<input checked="" type="checkbox"/>	1305	574.6106	1720.8099
<input checked="" type="checkbox"/>	1306	574.9827	1721.9263
<input checked="" type="checkbox"/>	1307	431.4902	1721.9317
<input checked="" type="checkbox"/>	1308	431.4902	1721.9317
<input checked="" type="checkbox"/>	1309	431.4902	1721.9317
<input checked="" type="checkbox"/>	1310	578.2563	1731.7470
<input checked="" type="checkbox"/>	1311	578.2563	1731.7470
<input checked="" type="checkbox"/>	1312	579.2992	1734.8759
<input checked="" type="checkbox"/>	1313	872.9595	1743.9044
<input checked="" type="checkbox"/>	1314	872.9603	1743.9061
<input checked="" type="checkbox"/>	1315	583.9929	1748.9568
<input checked="" type="checkbox"/>	1316	583.9933	1748.9580
<input checked="" type="checkbox"/>	1317	583.9937	1748.9592
<input checked="" type="checkbox"/>	1318	584.2838	1749.8294
<input checked="" type="checkbox"/>	1319	585.9551	1754.8436
<input checked="" type="checkbox"/>	1320	585.9558	1754.8455
<input checked="" type="checkbox"/>	1321	586.3257	1755.9554
<input checked="" type="checkbox"/>	1322	586.9715	1757.8928
<input checked="" type="checkbox"/>	1323	586.9717	1757.8934
<input checked="" type="checkbox"/>	1324	879.9549	1757.8953
<input checked="" type="checkbox"/>	1325	879.9560	1757.8975
<input checked="" type="checkbox"/>	1326	586.9732	1757.8977
<input checked="" type="checkbox"/>	1327	586.9736	1757.8990
<input checked="" type="checkbox"/>	1328	586.9736	1757.8990
<input checked="" type="checkbox"/>	1329	586.9736	1757.8990
<input checked="" type="checkbox"/>	1330	587.6137	1759.8192
<input checked="" type="checkbox"/>	1331	587.9532	1760.8378
<input checked="" type="checkbox"/>	1332	589.2271	1764.6594
<input checked="" type="checkbox"/>	1333	589.3231	1764.9475
<input checked="" type="checkbox"/>	1334	883.5058	1764.9971
<input checked="" type="checkbox"/>	1335	883.5060	1764.9974
<input checked="" type="checkbox"/>	1336	883.5061	1764.9976
<input checked="" type="checkbox"/>	1337	883.5062	1764.9979
<input checked="" type="checkbox"/>	1338	883.5063	1764.9980
<input checked="" type="checkbox"/>	1339	883.5064	1764.9982
<input checked="" type="checkbox"/>	1340	883.5067	1764.9988
<input checked="" type="checkbox"/>	1341	883.5067	1764.9989
<input checked="" type="checkbox"/>	1342	883.5067	1764.9989
<input checked="" type="checkbox"/>	1343	883.5069	1764.9992
<input checked="" type="checkbox"/>	1344	883.5069	1764.9992
<input checked="" type="checkbox"/>	1345	883.5069	1764.9992
<input checked="" type="checkbox"/>	1346	883.5069	1764.9992
<input checked="" type="checkbox"/>	1347	883.5069	1764.9992
<input checked="" type="checkbox"/>	1348	883.5069	1764.9992
<input checked="" type="checkbox"/>	1349	883.5069	1764.9992
<input checked="" type="checkbox"/>	1350	883.5069	1764.9992
<input checked="" type="checkbox"/>	1351	883.5069	1764.9992
<input checked="" type="checkbox"/>	1355	591.9147	1772.7223
<input checked="" type="checkbox"/>	1356	592.3116	1773.9129
<input checked="" type="checkbox"/>	1357	592.3124	1773.9154
<input checked="" type="checkbox"/>	1358	592.3124	1773.9154
<input checked="" type="checkbox"/>	1359	593.2838	1776.8295
<input checked="" type="checkbox"/>	1360	594.9379	1781.7919
<input checked="" type="checkbox"/>	1361	594.9382	1781.7927
<input checked="" type="checkbox"/>	1362	595.2862	1782.8368
<input checked="" type="checkbox"/>	1363	894.7133	1787.4121
<input checked="" type="checkbox"/>	1364	597.2810	1788.8211
<input checked="" type="checkbox"/>	1374	597.9530	1790.8372

<input checked="" type="checkbox"/>	1375	599.9810	1796.9211
<input checked="" type="checkbox"/>	1376	600.2690	1797.7853
<input checked="" type="checkbox"/>	1377	600.2708	1797.7907
<input checked="" type="checkbox"/>	1378	600.2708	1797.7907
<input checked="" type="checkbox"/>	1379	601.9724	1802.8955
<input checked="" type="checkbox"/>	1380	604.6132	1810.8176
<input checked="" type="checkbox"/>	1381	604.9662	1811.8769
<input checked="" type="checkbox"/>	1382	604.9670	1811.8792
<input checked="" type="checkbox"/>	1383	606.9784	1817.9134
<input checked="" type="checkbox"/>	1384	606.9784	1817.9135
<input checked="" type="checkbox"/>	1385	456.5008	1821.9741
<input checked="" type="checkbox"/>	1386	456.5011	1821.9754
<input checked="" type="checkbox"/>	1387	456.5012	1821.9756
<input checked="" type="checkbox"/>	1388	608.6251	1822.8536
<input checked="" type="checkbox"/>	1389	608.6595	1822.9567
<input checked="" type="checkbox"/>	1390	456.9824	1823.9005
<input checked="" type="checkbox"/>	1391	609.0004	1823.9793
<input checked="" type="checkbox"/>	1392	609.6548	1825.9427
<input checked="" type="checkbox"/>	1393	610.6389	1828.8949
<input checked="" type="checkbox"/>	1394	615.2720	1842.7942
<input checked="" type="checkbox"/>	1395	616.9553	1847.8442
<input checked="" type="checkbox"/>	1396	463.6824	1850.7003
<input checked="" type="checkbox"/>	1397	619.2766	1854.8079
<input checked="" type="checkbox"/>	1398	619.2767	1854.8082
<input checked="" type="checkbox"/>	1399	619.3420	1855.0041
<input checked="" type="checkbox"/>	1400	931.9796	1861.9445
<input checked="" type="checkbox"/>	1402	621.6572	1861.9499
<input checked="" type="checkbox"/>	1403	621.6572	1861.9499
<input checked="" type="checkbox"/>	1404	621.6572	1861.9499
<input checked="" type="checkbox"/>	1405	621.9953	1862.9641
<input checked="" type="checkbox"/>	1406	621.9960	1862.9663
<input checked="" type="checkbox"/>	1407	932.9288	1863.8430
<input checked="" type="checkbox"/>	1408	622.2885	1863.8438
<input checked="" type="checkbox"/>	1409	622.2885	1863.8438
<input checked="" type="checkbox"/>	1410	622.2885	1863.8438
<input checked="" type="checkbox"/>	1411	622.2885	1863.8438
<input checked="" type="checkbox"/>	1412	622.2886	1863.8440
<input checked="" type="checkbox"/>	1413	622.2886	1863.8440
<input checked="" type="checkbox"/>	1414	468.0219	1868.0587
<input checked="" type="checkbox"/>	1415	626.9872	1877.9396
<input checked="" type="checkbox"/>	1416	627.2894	1878.8463
<input checked="" type="checkbox"/>	1417	940.4385	1878.8624
<input checked="" type="checkbox"/>	1418	639.6213	1915.8422
<input checked="" type="checkbox"/>	1419	639.9592	1916.8557
<input checked="" type="checkbox"/>	1420	961.8154	1921.6162
<input checked="" type="checkbox"/>	1421	641.6498	1921.9276
<input checked="" type="checkbox"/>	1422	644.3944	1930.1613
<input checked="" type="checkbox"/>	1423	644.3951	1930.1636
<input checked="" type="checkbox"/>	1424	966.5020	1930.9894
<input checked="" type="checkbox"/>	1425	967.0002	1931.9859
<input checked="" type="checkbox"/>	1426	645.9798	1934.9177
<input checked="" type="checkbox"/>	1427	646.3171	1935.9296
<input checked="" type="checkbox"/>	1428	646.3176	1935.9309
<input checked="" type="checkbox"/>	1429	646.3185	1935.9336
<input checked="" type="checkbox"/>	1430	487.7442	1946.9479
<input checked="" type="checkbox"/>	1434	652.3460	1954.0161
<input checked="" type="checkbox"/>	1435	652.6660	1954.9762
<input checked="" type="checkbox"/>	1436	652.6661	1954.9764
<input checked="" type="checkbox"/>	1437	652.6666	1954.9779
<input checked="" type="checkbox"/>	1438	652.6864	1955.0373
<input checked="" type="checkbox"/>	1439	652.6865	1955.0377
<input checked="" type="checkbox"/>	1440	652.6883	1955.0430
<input checked="" type="checkbox"/>	1442	490.0197	1956.0499
<input checked="" type="checkbox"/>	1443	490.0210	1956.0550
<input checked="" type="checkbox"/>	1444	490.0218	1956.0583
<input checked="" type="checkbox"/>	1445	653.6647	1957.9724
<input checked="" type="checkbox"/>	1446	653.6665	1957.9777
<input checked="" type="checkbox"/>	1447	656.3573	1966.0500
<input checked="" type="checkbox"/>	1448	657.3424	1969.0054
<input checked="" type="checkbox"/>	1449	659.3366	1974.9879
<input checked="" type="checkbox"/>	1450	659.3366	1974.9881
<input checked="" type="checkbox"/>	1451	659.3369	1974.9889
<input checked="" type="checkbox"/>	1452	991.0228	1980.0311
<input checked="" type="checkbox"/>	1453	991.0230	1980.0314
<input checked="" type="checkbox"/>	1454	991.0233	1980.0321
<input checked="" type="checkbox"/>	1455	661.0190	1980.0353
<input checked="" type="checkbox"/>	1456	661.0195	1980.0365
<input checked="" type="checkbox"/>	1457	661.3037	1980.8892
<input checked="" type="checkbox"/>	1458	662.3105	1983.9098
<input checked="" type="checkbox"/>	1459	498.2177	1988.8416
<input checked="" type="checkbox"/>	1461	498.7541	1990.9874
<input checked="" type="checkbox"/>	1462	664.6939	1991.0598
<input checked="" type="checkbox"/>	1463	665.0493	1992.1262
<input checked="" type="checkbox"/>	1464	665.3235	1992.9486
<input checked="" type="checkbox"/>	1465	665.3252	1992.9537
<input checked="" type="checkbox"/>	1466	665.3252	1992.9538
<input checked="" type="checkbox"/>	1467	665.3295	1992.9667
<input checked="" type="checkbox"/>	1468	502.7543	2006.9880
<input checked="" type="checkbox"/>	1469	670.3053	2007.8942
<input checked="" type="checkbox"/>	1470	671.0314	2010.0724
<input checked="" type="checkbox"/>	1471	671.0316	2010.0730
<input checked="" type="checkbox"/>	1472	671.0336	2010.0791
<input checked="" type="checkbox"/>	1473	671.6754	2012.0043
<input checked="" type="checkbox"/>	1474	671.6923	2012.0550

<input checked="" type="checkbox"/>	1475	671.6924	2012.0553
<input checked="" type="checkbox"/>	1476	673.3006	2016.8799
<input checked="" type="checkbox"/>	1477	673.3007	2016.8804
<input checked="" type="checkbox"/>	1478	673.9601	2018.8584
<input checked="" type="checkbox"/>	1479	673.9968	2018.9686
<input checked="" type="checkbox"/>	1480	673.9968	2018.9686
<input checked="" type="checkbox"/>	1481	674.0292	2019.0657
<input checked="" type="checkbox"/>	1482	676.6930	2027.0571
<input checked="" type="checkbox"/>	1483	676.6930	2027.0573
<input checked="" type="checkbox"/>	1485	679.7206	2036.1399
<input checked="" type="checkbox"/>	1486	1019.0780	2036.1414
<input checked="" type="checkbox"/>	1487	679.7216	2036.1430
<input checked="" type="checkbox"/>	1488	679.7222	2036.1446
<input checked="" type="checkbox"/>	1490	682.0242	2043.0507
<input checked="" type="checkbox"/>	1492	683.3552	2047.0439
<input checked="" type="checkbox"/>	1493	684.3319	2049.9738
<input checked="" type="checkbox"/>	1494	684.3326	2049.9760
<input checked="" type="checkbox"/>	1495	686.3319	2055.9739
<input checked="" type="checkbox"/>	1496	686.3321	2055.9744
<input checked="" type="checkbox"/>	1497	686.3323	2055.9749
<input checked="" type="checkbox"/>	1498	687.9704	2060.8892
<input checked="" type="checkbox"/>	1499	688.6441	2062.9106
<input checked="" type="checkbox"/>	1500	1032.4626	2062.9106
<input checked="" type="checkbox"/>	1501	688.6442	2062.9107
<input checked="" type="checkbox"/>	1502	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1503	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1504	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1505	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1506	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1507	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1508	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1509	1032.4629	2062.9112
<input checked="" type="checkbox"/>	1510	688.6450	2062.9131
<input checked="" type="checkbox"/>	1511	1032.4728	2062.9311
<input checked="" type="checkbox"/>	1512	1032.9616	2063.9085
<input checked="" type="checkbox"/>	1513	1032.9619	2063.9092
<input checked="" type="checkbox"/>	1515	690.0055	2066.9946
<input checked="" type="checkbox"/>	1516	690.0501	2067.1285
<input checked="" type="checkbox"/>	1517	690.0503	2067.1292
<input checked="" type="checkbox"/>	1518	690.0508	2067.1306
<input checked="" type="checkbox"/>	1520	691.6825	2072.0256
<input checked="" type="checkbox"/>	1521	692.3076	2073.9009
<input checked="" type="checkbox"/>	1522	1044.8037	2087.5928
<input checked="" type="checkbox"/>	1523	697.0066	2087.9979
<input checked="" type="checkbox"/>	1524	697.3596	2089.0570
<input checked="" type="checkbox"/>	1525	702.6938	2105.0595
<input checked="" type="checkbox"/>	1526	703.0339	2106.0798
<input checked="" type="checkbox"/>	1527	528.2292	2108.8877
<input checked="" type="checkbox"/>	1528	704.0121	2109.0146
<input checked="" type="checkbox"/>	1529	705.3700	2113.0883
<input checked="" type="checkbox"/>	1530	529.7118	2114.8181
<input checked="" type="checkbox"/>	1531	529.9628	2115.8221
<input checked="" type="checkbox"/>	1532	706.2830	2115.8273
<input checked="" type="checkbox"/>	1533	711.0430	2130.1073
<input checked="" type="checkbox"/>	1534	1067.4617	2132.9088
<input checked="" type="checkbox"/>	1535	1067.8292	2133.6438
<input checked="" type="checkbox"/>	1536	429.5344	2142.6355
<input checked="" type="checkbox"/>	1537	715.3690	2143.0852
<input checked="" type="checkbox"/>	1538	1073.5017	2144.9888
<input checked="" type="checkbox"/>	1539	1073.5038	2144.9931
<input checked="" type="checkbox"/>	1540	1073.5048	2144.9951
<input checked="" type="checkbox"/>	1541	716.0069	2144.9988
<input checked="" type="checkbox"/>	1542	716.0070	2144.9992
<input checked="" type="checkbox"/>	1543	722.3372	2163.9898
<input checked="" type="checkbox"/>	1544	722.3373	2163.9899
<input checked="" type="checkbox"/>	1545	723.0171	2166.0295
<input checked="" type="checkbox"/>	1546	723.0185	2166.0336
<input checked="" type="checkbox"/>	1547	723.9955	2168.9647
<input checked="" type="checkbox"/>	1548	724.6425	2170.9057
<input checked="" type="checkbox"/>	1549	727.0202	2178.0389
<input checked="" type="checkbox"/>	1550	727.0214	2178.0425
<input checked="" type="checkbox"/>	1551	728.0101	2181.0084
<input checked="" type="checkbox"/>	1552	728.3660	2182.0762
<input checked="" type="checkbox"/>	1553	728.7156	2183.1249
<input checked="" type="checkbox"/>	1554	728.7156	2183.1249
<input checked="" type="checkbox"/>	1555	546.7891	2183.1273
<input checked="" type="checkbox"/>	1556	546.7902	2183.1317
<input checked="" type="checkbox"/>	1557	546.7905	2183.1329
<input checked="" type="checkbox"/>	1558	547.0361	2184.1151
<input checked="" type="checkbox"/>	1559	733.6444	2197.9113
<input checked="" type="checkbox"/>	1560	551.0365	2200.1169
<input checked="" type="checkbox"/>	1561	736.0521	2205.1344
<input checked="" type="checkbox"/>	1562	737.3723	2209.0951
<input checked="" type="checkbox"/>	1563	737.3723	2209.0951
<input checked="" type="checkbox"/>	1565	738.0033	2210.9882
<input checked="" type="checkbox"/>	1566	738.0033	2210.9882
<input checked="" type="checkbox"/>	1567	740.3650	2218.0731
<input checked="" type="checkbox"/>	1568	746.3448	2236.0127
<input checked="" type="checkbox"/>	1569	747.0535	2238.1388
<input checked="" type="checkbox"/>	1570	747.0537	2238.1393
<input checked="" type="checkbox"/>	1571	747.1067	2238.2984
<input checked="" type="checkbox"/>	1572	747.1067	2238.2984
<input checked="" type="checkbox"/>	1573	747.7109	2240.1108
<input checked="" type="checkbox"/>	1574	747.7118	2240.1137

<input checked="" type="checkbox"/>	1575	747.7119	2240.1138
<input checked="" type="checkbox"/>	1576	561.0451	2240.1513
<input checked="" type="checkbox"/>	1577	561.2924	2241.1404
<input checked="" type="checkbox"/>	1578	749.6908	2246.0505
<input checked="" type="checkbox"/>	1579	752.0435	2253.1086
<input checked="" type="checkbox"/>	1580	752.3850	2254.1331
<input checked="" type="checkbox"/>	1581	752.3855	2254.1348
<input checked="" type="checkbox"/>	1582	565.2932	2257.1439
<input checked="" type="checkbox"/>	1583	757.4111	2269.2115
<input checked="" type="checkbox"/>	1584	757.4119	2269.2138
<input checked="" type="checkbox"/>	1585	757.4120	2269.2142
<input checked="" type="checkbox"/>	1586	758.7091	2273.1055
<input checked="" type="checkbox"/>	1587	759.0516	2274.1329
<input checked="" type="checkbox"/>	1588	760.7519	2279.2339
<input checked="" type="checkbox"/>	1589	761.0583	2280.1530
<input checked="" type="checkbox"/>	1590	763.2913	2286.8522
<input checked="" type="checkbox"/>	1591	763.6328	2287.8766
<input checked="" type="checkbox"/>	1592	573.7700	2291.0508
<input checked="" type="checkbox"/>	1593	765.3476	2293.0210
<input checked="" type="checkbox"/>	1594	574.2632	2293.0238
<input checked="" type="checkbox"/>	1595	766.0177	2295.0313
<input checked="" type="checkbox"/>	1596	771.3930	2311.1571
<input checked="" type="checkbox"/>	1597	776.4114	2326.2123
<input checked="" type="checkbox"/>	1598	778.7493	2333.2261
<input checked="" type="checkbox"/>	1599	585.3036	2337.1853
<input checked="" type="checkbox"/>	1600	588.7378	2350.9222
<input checked="" type="checkbox"/>	1601	786.0408	2355.1006
<input checked="" type="checkbox"/>	1603	786.0412	2355.1019
<input checked="" type="checkbox"/>	1604	789.3988	2365.1745
<input checked="" type="checkbox"/>	1605	789.7088	2366.1046
<input checked="" type="checkbox"/>	1606	594.8181	2375.2432
<input checked="" type="checkbox"/>	1607	796.0400	2385.0982
<input checked="" type="checkbox"/>	1608	798.0501	2391.1285
<input checked="" type="checkbox"/>	1609	603.0094	2408.0085
<input checked="" type="checkbox"/>	1610	610.2985	2437.1650
<input checked="" type="checkbox"/>	1611	610.2985	2437.1650
<input checked="" type="checkbox"/>	1612	614.2993	2453.1680
<input checked="" type="checkbox"/>	1613	616.0615	2460.2169
<input checked="" type="checkbox"/>	1614	616.7779	2463.0824
<input checked="" type="checkbox"/>	1615	620.0609	2476.2145
<input checked="" type="checkbox"/>	1616	620.0609	2476.2145
<input checked="" type="checkbox"/>	1617	826.7232	2477.1477
<input checked="" type="checkbox"/>	1618	826.7232	2477.1479
<input checked="" type="checkbox"/>	1619	832.1052	2493.2939
<input checked="" type="checkbox"/>	1620	624.8076	2495.2015
<input checked="" type="checkbox"/>	1621	833.0740	2496.2002
<input checked="" type="checkbox"/>	1622	834.3963	2500.1671
<input checked="" type="checkbox"/>	1623	834.4122	2500.2147
<input checked="" type="checkbox"/>	1624	836.0714	2505.1923
<input checked="" type="checkbox"/>	1625	836.0717	2505.1932
<input checked="" type="checkbox"/>	1626	836.9826	2507.9259
<input checked="" type="checkbox"/>	1627	837.0756	2508.2049
<input checked="" type="checkbox"/>	1628	628.3578	2509.4019
<input checked="" type="checkbox"/>	1629	838.4076	2512.2011
<input checked="" type="checkbox"/>	1630	838.4077	2512.2012
<input checked="" type="checkbox"/>	1631	842.0813	2523.2221
<input checked="" type="checkbox"/>	1632	842.0823	2523.2250
<input checked="" type="checkbox"/>	1633	634.3157	2533.2336
<input checked="" type="checkbox"/>	1634	634.3164	2533.2366
<input checked="" type="checkbox"/>	1635	634.3166	2533.2371
<input checked="" type="checkbox"/>	1637	845.7318	2534.1734
<input checked="" type="checkbox"/>	1638	849.7527	2546.2362
<input checked="" type="checkbox"/>	1639	849.7961	2546.3663
<input checked="" type="checkbox"/>	1640	850.1328	2547.3766
<input checked="" type="checkbox"/>	1641	638.3128	2549.2222
<input checked="" type="checkbox"/>	1642	640.8077	2559.2017
<input checked="" type="checkbox"/>	1643	858.4120	2572.2141
<input checked="" type="checkbox"/>	1644	869.1430	2604.4071
<input checked="" type="checkbox"/>	1645	869.1447	2604.4122
<input checked="" type="checkbox"/>	1646	871.7517	2612.2332
<input checked="" type="checkbox"/>	1649	654.0679	2612.2425
<input checked="" type="checkbox"/>	1650	654.0679	2612.2425
<input checked="" type="checkbox"/>	1652	654.0679	2612.2425
<input checked="" type="checkbox"/>	1653	654.0679	2612.2425
<input checked="" type="checkbox"/>	1654	654.3134	2613.2246
<input checked="" type="checkbox"/>	1655	657.0540	2624.1870
<input checked="" type="checkbox"/>	1656	888.1503	2661.4291
<input checked="" type="checkbox"/>	1657	668.5512	2670.1757
<input checked="" type="checkbox"/>	1658	668.5513	2670.1761
<input checked="" type="checkbox"/>	1659	668.5514	2670.1766
<input checked="" type="checkbox"/>	1660	672.5762	2686.2756
<input checked="" type="checkbox"/>	1661	541.5694	2702.8106
<input checked="" type="checkbox"/>	1662	902.4244	2704.2513
<input checked="" type="checkbox"/>	1663	904.4239	2710.2499
<input checked="" type="checkbox"/>	1664	904.7652	2711.2739
<input checked="" type="checkbox"/>	1665	682.8056	2727.1933
<input checked="" type="checkbox"/>	1666	682.8057	2727.1938
<input checked="" type="checkbox"/>	1667	684.3189	2733.2464
<input checked="" type="checkbox"/>	1668	690.2942	2757.1475
<input checked="" type="checkbox"/>	1669	923.1093	2766.3061
<input checked="" type="checkbox"/>	1670	693.2914	2769.1363
<input checked="" type="checkbox"/>	1676	961.8133	2882.4179
<input checked="" type="checkbox"/>	1677	734.8674	2935.4405
<input checked="" type="checkbox"/>	1679	734.8698	2935.4502

<input checked="" type="checkbox"/>	1680	980.1579	2937.4519
<input checked="" type="checkbox"/>	1681	748.0944	2988.3486
<input checked="" type="checkbox"/>	1682	770.1953	3076.7522
<input checked="" type="checkbox"/>	1683	774.5428	3094.1423
<input checked="" type="checkbox"/>	1684	1044.8027	3131.3862
<input checked="" type="checkbox"/>	1686	807.9072	3227.5996
<input checked="" type="checkbox"/>	1687	818.1549	3268.5907
<input checked="" type="checkbox"/>	1688	833.3865	3329.5171
<input checked="" type="checkbox"/>	1689	834.1223	3332.4603
<input checked="" type="checkbox"/>	1690	838.1867	3348.7179
<input checked="" type="checkbox"/>	1691	862.6314	3446.4963
<input checked="" type="checkbox"/>	1692	597.1167	3576.6567
<input checked="" type="checkbox"/>	1693	911.6700	3642.6508
<input checked="" type="checkbox"/>	1694	911.6700	3642.6508
<input checked="" type="checkbox"/>	1695	525.7616	3673.2799
<input checked="" type="checkbox"/>	1696	925.9234	3699.6646
<input checked="" type="checkbox"/>	1697	925.9237	3699.6657
<input checked="" type="checkbox"/>	1698	636.6457	3813.8306
<input checked="" type="checkbox"/>	1699	658.2039	3943.1800
<input checked="" type="checkbox"/>	1700	702.3605	4208.1190
<input checked="" type="checkbox"/>	1701	658.0546	4599.3313
<input checked="" type="checkbox"/>	1702	621.4548	4963.5804

Search Parameters

Type of search : MS/MS Ion Search
Enzyme : Trypsin
Variable modifications : [Carbamidomethyl \(C\)](#), [Oxidation \(M\)](#)
Mass values : Monoisotopic
Protein Mass : Unrestricted
Peptide Mass Tolerance : ± 50 ppm
Fragment Mass Tolerance: ± 0.6 Da
Max Missed Cleavages : 1
Instrument type : ESI-QUAD-TOF
Number of queries : 1702

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

S4 Fig MASCOT Search Results – SEC Sample

MASCOT SCIENCE Mascot Search Results

```

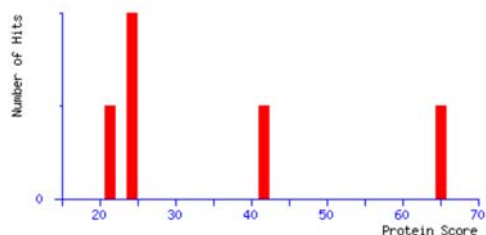
User :
Email :
Search title : Submitted from Sheep Rerun-2 by Mascot Daemon on APAF-WS-08
MS data file : \\apaf-hpv-file\projects\External\e_17906_VUW_SandiDempsey_20150615\1_MassSpec\5600\Run2\RawData\150713_P17906_SD97-1_1.MGF
Database : sp_sheep_140625_sheep_140625_ (647 sequences; 258179 residues)
Timestamp : 13 Jul 2015 at 22:49:26 GMT
Protein hits :
Q9BGM5 sp|Q9BGM5|K1C25_SHEEP Keratin, type I cytoskeletal 25 OS=Ovis aries GN=KRT25 PE=2 SV=1
Q9TTE2 sp|Q9TTE2|PGS2_SHEEP Decorin OS=Ovis aries GN=DCN PE=2 SV=1
Q28554 sp|Q28554|G3P_SHEEP Glyceraldehyde-3-phosphate dehydrogenase (Fragment) OS=Ovis aries GN=GAPDH PE=2 SV=4
P60713 sp|P60713|ACTB_SHEEP Actin, cytoplasmic 1 OS=Ovis aries GN=ACTB PE=2 SV=1
Q6B7M7 sp|Q6B7M7|COF1_SHEEP Cofilin-1 OS=Ovis aries GN=CFL1 PE=2 SV=3
    
```

sp_sheep_140625 [Decoy](#) False discovery rate

Peptide matches above identity threshold 6 1 16.67 %
 Peptide matches above homology or identity threshold 6 1 16.67 %

Mascot Score Histogram

Ions score is $-10 \cdot \log(P)$, where P is the probability that the observed match is a random event. Individual ions scores > 12 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

Format As Peptide Summary [Help](#)
 Significance threshold p< 0.05 Max. number of hits AUTO Show Percolator scores
 Standard scoring MudPIT scoring Ions score or expect cut-off 12 Show sub-sets 0
 Show pop-ups Suppress pop-ups Sort unassigned Decreasing Score Require bold red

Select All Select None Search Selected Error tolerant Archive Report

1. [Q9BGM5](#) Mass: 49282 Score: 65 Matches: 2(2) Sequences: 2(2) emPAI: 0.14
 sp|Q9BGM5|K1C25_SHEEP Keratin, type I cytoskeletal 25 OS=Ovis aries GN=KRT25 PE=2 SV=1
 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
<input checked="" type="checkbox"/> 152	355.5414	1063.6023	1063.5662	33.9	0	56	2.4e-006	1	U R.LASYLENVR.A
<input checked="" type="checkbox"/> 173	555.2561	1108.4977	1108.4825	13.7	0	24	0.012	1	U R.DAEAWFNEK.S

2. [Q9TTE2](#) Mass: 39947 Score: 42 Matches: 1(1) Sequences: 1(1) emPAI: 0.08
 sp|Q9TTE2|PGS2_SHEEP Decorin OS=Ovis aries GN=DCN PE=2 SV=1
 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
<input checked="" type="checkbox"/> 356	624.3236	1246.6327	1246.6227	7.99	0	42	0.00015	1	U R.VVQCSDLGLEK.V + Carbamidomethyl (C)

3. [Q28554](#) Mass: 34710 Score: 25 Matches: 1(1) Sequences: 1(1) emPAI: 0.10
 sp|Q28554|G3P_SHEEP Glyceraldehyde-3-phosphate dehydrogenase (Fragment) OS=Ovis aries GN=GAPDH PE=2 SV=4
 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
<input checked="" type="checkbox"/> 438	685.3836	1368.7527	1368.7361	12.1	0	25	0.0034	1	U R.GAAQNIIPASTGAAK.A

4. [P60713](#) Mass: 41710 Score: 24 Matches: 1(1) Sequences: 1(1) emPAI: 0.08
 sp|P60713|ACTB_SHEEP Actin, cytoplasmic 1 OS=Ovis aries GN=ACTB PE=2 SV=1
 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
<input checked="" type="checkbox"/> 252	589.3136	1176.6126	1176.6060	5.60	0	24	0.0078	1	U K.EITALAPSTMK.I + Oxidation (M)

5. [Q6B7M7](#) Mass: 18507 Score: 21 Matches: 1(1) Sequences: 1(1) emPAI: 0.18
 sp|Q6B7M7|COF1_SHEEP Cofilin-1 OS=Ovis aries GN=CFL1 PE=2 SV=3
 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
<input checked="" type="checkbox"/> 429	669.3204	1336.6263	1336.6187	5.72	0	21	0.013	1	U R.YALYDATYETK.E

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

Query	Observed	Mr(expt)	Mr(calc)	ppm	Miss	Score	Expect	Rank	Unique	Peptide
✓ 107	464.2733	926.5319	926.5450	-14.10	1	12	0.064	1		KHFLQVR
✓ 224	579.8401	1157.6657	1157.6404	21.9	1	12	0.069	1		DSGRALAEVLK
✓ 119	487.2704	972.5262	972.4876	39.7	0	11	0.074	1		LLEGEEQR
✓ 183	559.8208	1117.6270	1117.6132	12.4	0	10	0.096	1		TALSVVTWVK
✓ 389	635.3687	1268.7229	1268.6837	30.9	1	10	0.11	1		ASELARAEGIPR
✓ 413	653.3311	1304.6477	1304.7088	-46.83	0	8	0.41	1		HLVDEPQNLIK
✓ 451	706.8388	1411.6631	1411.6337	20.8	1	7	0.2	1		SRGIVEECCFR + 2 Carbamidomethyl (C)
✓ 52	428.7669	855.5193	855.4926	31.1	1	6	0.25	1		LRISPDR
✓ 176	556.8353	2223.3123	2223.2773	15.7	1	5	0.3	1		IGCTPVLVLSGLDTRIQALVR
✓ 145	523.2867	1044.5589	1044.5862	-26.18	1	5	0.31	1		LSRLQCLR + Carbamidomethyl (C)
✓ 156	537.7639	1073.5133	1073.4699	40.4	0	5	0.32	1		QESEPPMK
✓ 390	637.3201	1272.6257	1272.6826	-44.72	1	5	0.38	1		GHLTYLAKENK
✓ 89	450.7640	899.5134	899.5188	-6.00	1	4	0.56	1		QVLEAGKR
✓ 291	601.8473	1201.6800	1201.6853	-4.40	1	3	1.1	1		KLLSMIGGVER
✓ 230	580.8443	1159.6741	1159.6271	40.6	1	3	0.54	1		CVVLAEDKVK + Carbamidomethyl (C)
✓ 538	963.9523	1925.8900	1925.8822	4.02	1	2	0.88	1		MDSQMTKQALNEIETR + 2 Oxidation (M)
✓ 289	601.3000	1200.5854	1200.6098	-20.39	0	2	1.4	1		QSVLEADINGLR
✓ 222	579.3103	1156.6060	1156.6200	-12.09	1	2	0.7	1		QEEVLQKR
✓ 229	580.8438	1159.6730	1159.6271	39.6	1	2	0.65	1		CVVLAEDKVK + Carbamidomethyl (C)
✓ 120	558.8259	1115.6373	1115.5836	48.1	1	2	0.65	1		GWLDTVRNR
✓ 179	558.8259	1115.6373	1115.5836	48.1	1	2	0.66	1		GWLDTVRNR
✓ 276	595.8478	1189.6811	1189.6489	27.1	0	2	0.66	1		TVSALMVGLQR + Oxidation (M)
✓ 284	598.9487	1793.8244	1793.7924	17.8	0	2	0.68	1		DGMQEEAIQEIAGMTR + Oxidation (M)
✓ 120	494.2295	986.5845	986.5661	18.6	1	1	0.88	1		TAVWVQRK
✓ 228	580.8422	1159.6698	1159.6271	36.8	1	1	0.8	1		CVVLAEDKVK + Carbamidomethyl (C)
✓ 223	579.8370	1157.6595	1157.6404	16.5	1	1	0.82	1		DSGRALAEVLK
✓ 108	464.7770	927.5395	927.5072	34.8	0	1	0.93	1		CVQRPLR + Carbamidomethyl (C)
✓ 210	573.3356	1144.6566	1144.6029	46.9	1	0	0.91	1		VEGWVWKNK
✓ 51	428.7669	855.5193	855.5542	-40.79	1	0	0.93	1		LLDRLVK
✓ 361	625.3611	1248.7076	1248.7077	-0.13	1	0	0.96	1		ATVEALINKYK
✓ 50	428.7668	855.5191	855.5542	-40.98	1	0	0.97	1		LLDRLVK
✓ 141	519.2663	1554.7772	1554.7435	21.6	1	0	2.6	1		EIVCFQGFRTPCR
✓ 160	543.3153	1084.6160	1084.5989	15.8	1	0	1	1		DEARVLQVR
✓ 1	360.2056	718.3965								
✓ 2	362.2206	722.4266								
✓ 3	362.2212	722.4279								
✓ 4	382.2200	762.4254								
✓ 5	382.2230	762.4314								
✓ 6	384.2343	766.4540								
✓ 7	384.2356	766.4566								
✓ 8	404.2325	806.4505								
✓ 9	406.2473	810.4801								
✓ 10	406.2483	810.4820								
✓ 11	412.7521	823.4896								
✓ 12	412.7533	823.4920								
✓ 13	412.7533	823.4920								
✓ 14	412.7544	823.4942								
✓ 15	414.2448	826.4751								
✓ 16	416.2269	830.4393								
✓ 17	416.2495	830.4845								
✓ 18	420.4436	838.8727								
✓ 19	420.4436	838.8727								
✓ 20	421.7571	841.4996								
✓ 21	421.7580	841.5015								
✓ 22	421.7582	841.5018								
✓ 23	421.7582	841.5019								
✓ 24	421.7583	841.5020								
✓ 25	421.7583	841.5020								
✓ 26	421.7584	841.5023								
✓ 27	421.7585	841.5024								
✓ 28	421.7586	841.5026								
✓ 29	421.7587	841.5028								
✓ 30	421.7587	841.5028								
✓ 31	421.7587	841.5028								
✓ 32	421.7588	841.5030								
✓ 33	421.7589	841.5032								
✓ 34	421.7590	841.5034								
✓ 35	426.2478	850.4810								
✓ 36	427.4293	852.8440								
✓ 37	428.2450	854.4754								
✓ 38	428.2459	854.4772								
✓ 39	428.2464	854.4782								
✓ 40	428.2471	854.4797								
✓ 41	428.2475	854.4805								
✓ 42	428.2480	854.4815								
✓ 43	428.2520	854.4895								
✓ 44	428.2618	854.5091								
✓ 45	428.2622	854.5098								
✓ 46	428.7654	855.5162								
✓ 47	428.7656	855.5166								
✓ 48	428.7656	855.5166								
✓ 49	428.7668	855.5191								
✓ 53	428.7670	855.5195								
✓ 54	429.2380	856.4614								
✓ 55	434.4142	866.8138								
✓ 56	434.7681	867.5216								

<input checked="" type="checkbox"/>	57	435.2574	868.5002
<input checked="" type="checkbox"/>	58	435.2592	868.5038
<input checked="" type="checkbox"/>	59	435.7562	869.4978
<input checked="" type="checkbox"/>	60	435.7736	869.5327
<input checked="" type="checkbox"/>	61	435.7738	869.5331
<input checked="" type="checkbox"/>	62	435.7741	869.5337
<input checked="" type="checkbox"/>	63	435.7745	869.5344
<input checked="" type="checkbox"/>	64	435.7745	869.5344
<input checked="" type="checkbox"/>	65	435.7747	869.5349
<input checked="" type="checkbox"/>	66	435.7747	869.5349
<input checked="" type="checkbox"/>	67	435.7748	869.5351
<input checked="" type="checkbox"/>	68	437.2350	872.4554
<input checked="" type="checkbox"/>	69	441.2628	880.5111
<input checked="" type="checkbox"/>	70	442.2643	882.5141
<input checked="" type="checkbox"/>	71	442.5896	883.1647
<input checked="" type="checkbox"/>	72	442.7629	883.5112
<input checked="" type="checkbox"/>	73	448.2583	894.5020
<input checked="" type="checkbox"/>	74	448.8663	895.7180
<input checked="" type="checkbox"/>	75	449.7724	897.5302
<input checked="" type="checkbox"/>	76	450.2695	898.5245
<input checked="" type="checkbox"/>	77	450.2696	898.5247
<input checked="" type="checkbox"/>	78	450.2699	898.5252
<input checked="" type="checkbox"/>	79	450.2699	898.5252
<input checked="" type="checkbox"/>	80	450.2700	898.5254
<input checked="" type="checkbox"/>	81	450.2710	898.5275
<input checked="" type="checkbox"/>	82	450.2715	898.5285
<input checked="" type="checkbox"/>	83	450.2724	898.5303
<input checked="" type="checkbox"/>	84	450.2747	898.5348
<input checked="" type="checkbox"/>	85	450.2750	898.5354
<input checked="" type="checkbox"/>	86	450.2752	898.5357
<input checked="" type="checkbox"/>	87	450.2752	898.5358
<input checked="" type="checkbox"/>	88	450.2984	898.5822
<input checked="" type="checkbox"/>	90	455.2437	908.4728
<input checked="" type="checkbox"/>	91	456.2783	910.5420
<input checked="" type="checkbox"/>	92	456.2793	910.5440
<input checked="" type="checkbox"/>	93	456.2797	910.5449
<input checked="" type="checkbox"/>	94	456.2798	910.5451
<input checked="" type="checkbox"/>	95	456.2807	910.5468
<input checked="" type="checkbox"/>	96	456.7796	911.5447
<input checked="" type="checkbox"/>	97	456.7800	911.5455
<input checked="" type="checkbox"/>	98	457.2073	912.4000
<input checked="" type="checkbox"/>	99	457.2741	912.5337
<input checked="" type="checkbox"/>	100	457.2783	912.5420
<input checked="" type="checkbox"/>	101	457.2784	912.5423
<input checked="" type="checkbox"/>	102	457.2912	912.5677
<input checked="" type="checkbox"/>	103	457.7781	913.5416
<input checked="" type="checkbox"/>	104	462.7805	923.5464
<input checked="" type="checkbox"/>	105	463.2797	924.5448
<input checked="" type="checkbox"/>	106	464.2515	926.4885
<input checked="" type="checkbox"/>	109	466.2636	930.5126
<input checked="" type="checkbox"/>	110	466.7819	931.5493
<input checked="" type="checkbox"/>	111	471.2605	940.5064
<input checked="" type="checkbox"/>	112	472.2701	942.5255
<input checked="" type="checkbox"/>	113	472.2858	942.5570
<input checked="" type="checkbox"/>	114	472.2890	942.5635
<input checked="" type="checkbox"/>	115	476.2616	950.5086
<input checked="" type="checkbox"/>	116	476.7778	951.5410
<input checked="" type="checkbox"/>	117	476.7784	951.5423
<input checked="" type="checkbox"/>	118	486.2933	970.5721
<input checked="" type="checkbox"/>	121	494.3024	986.5902
<input checked="" type="checkbox"/>	122	501.2332	1000.4518
<input checked="" type="checkbox"/>	123	501.2705	1000.5265
<input checked="" type="checkbox"/>	124	501.3257	1000.6369
<input checked="" type="checkbox"/>	125	501.7352	1001.4559
<input checked="" type="checkbox"/>	126	503.2449	1004.4752
<input checked="" type="checkbox"/>	127	503.2485	1004.4825
<input checked="" type="checkbox"/>	128	503.7649	1005.5152
<input checked="" type="checkbox"/>	129	507.2085	1012.4025
<input checked="" type="checkbox"/>	130	508.2940	1014.5734
<input checked="" type="checkbox"/>	131	510.7764	1019.5382
<input checked="" type="checkbox"/>	132	513.2406	1024.4666
<input checked="" type="checkbox"/>	133	513.2406	1024.4667
<input checked="" type="checkbox"/>	134	513.3044	1024.5942
<input checked="" type="checkbox"/>	135	514.2709	1026.5272
<input checked="" type="checkbox"/>	136	516.3145	1030.6145
<input checked="" type="checkbox"/>	137	516.3150	1030.6155
<input checked="" type="checkbox"/>	138	516.8247	1031.6349
<input checked="" type="checkbox"/>	139	518.3100	1034.6055
<input checked="" type="checkbox"/>	140	518.7106	1035.4066
<input checked="" type="checkbox"/>	142	521.2375	1040.4604
<input checked="" type="checkbox"/>	143	523.2753	1044.5360
<input checked="" type="checkbox"/>	144	523.2850	1044.5554
<input checked="" type="checkbox"/>	146	526.2757	1050.5367
<input checked="" type="checkbox"/>	147	529.2239	1056.4333
<input checked="" type="checkbox"/>	148	529.2553	1056.4961
<input checked="" type="checkbox"/>	149	530.2902	1058.5659
<input checked="" type="checkbox"/>	150	530.7851	1059.5557
<input checked="" type="checkbox"/>	151	530.7858	1059.5570

<input checked="" type="checkbox"/>	153	534.8206	1067.6266
<input checked="" type="checkbox"/>	154	536.3266	1070.6387
<input checked="" type="checkbox"/>	155	536.3270	1070.6394
<input checked="" type="checkbox"/>	157	538.3274	1074.6403
<input checked="" type="checkbox"/>	158	538.3283	1074.6420
<input checked="" type="checkbox"/>	159	541.7518	1081.4891
<input checked="" type="checkbox"/>	161	543.8202	1085.6259
<input checked="" type="checkbox"/>	162	544.8021	1087.5897
<input checked="" type="checkbox"/>	163	544.8271	1087.6397
<input checked="" type="checkbox"/>	164	545.3020	1088.5895
<input checked="" type="checkbox"/>	165	545.3526	1088.6907
<input checked="" type="checkbox"/>	166	545.8223	1089.6300
<input checked="" type="checkbox"/>	167	546.3338	1090.6531
<input checked="" type="checkbox"/>	168	550.8213	1099.6281
<input checked="" type="checkbox"/>	169	551.7969	1101.5793
<input checked="" type="checkbox"/>	170	551.8197	1101.6249
<input checked="" type="checkbox"/>	171	551.8226	1101.6307
<input checked="" type="checkbox"/>	172	551.8237	1101.6329
<input checked="" type="checkbox"/>	174	555.8231	1109.6317
<input checked="" type="checkbox"/>	175	556.8319	1111.6492
<input checked="" type="checkbox"/>	177	557.8220	1113.6295
<input checked="" type="checkbox"/>	178	557.8234	1113.6322
<input checked="" type="checkbox"/>	181	558.8303	1115.6461
<input checked="" type="checkbox"/>	182	559.3280	1116.6415
<input checked="" type="checkbox"/>	184	560.3304	1118.6462
<input checked="" type="checkbox"/>	185	560.3390	1118.6634
<input checked="" type="checkbox"/>	186	562.3300	1122.6454
<input checked="" type="checkbox"/>	187	563.8380	1125.6615
<input checked="" type="checkbox"/>	188	564.3282	1126.6418
<input checked="" type="checkbox"/>	189	565.3071	1128.5996
<input checked="" type="checkbox"/>	190	565.8318	1129.6490
<input checked="" type="checkbox"/>	191	565.8348	1129.6550
<input checked="" type="checkbox"/>	192	565.8352	1129.6558
<input checked="" type="checkbox"/>	193	565.8354	1129.6562
<input checked="" type="checkbox"/>	194	565.8355	1129.6564
<input checked="" type="checkbox"/>	195	565.8419	1129.6692
<input checked="" type="checkbox"/>	196	566.2613	1130.5080
<input checked="" type="checkbox"/>	197	566.3394	1130.6642
<input checked="" type="checkbox"/>	198	566.8438	1131.6730
<input checked="" type="checkbox"/>	199	566.8438	1131.6730
<input checked="" type="checkbox"/>	200	567.3142	1132.6138
<input checked="" type="checkbox"/>	201	567.3161	1132.6176
<input checked="" type="checkbox"/>	202	569.2810	1136.5475
<input checked="" type="checkbox"/>	203	570.7925	1139.5705
<input checked="" type="checkbox"/>	204	571.3544	1140.6942
<input checked="" type="checkbox"/>	205	571.3549	1140.6952
<input checked="" type="checkbox"/>	206	571.8342	1141.6538
<input checked="" type="checkbox"/>	207	571.8423	1141.6701
<input checked="" type="checkbox"/>	208	571.8455	1141.6763
<input checked="" type="checkbox"/>	209	573.2936	1144.5727
<input checked="" type="checkbox"/>	211	573.8368	1145.6591
<input checked="" type="checkbox"/>	212	574.8440	1147.6735
<input checked="" type="checkbox"/>	213	574.8442	1147.6738
<input checked="" type="checkbox"/>	214	574.8442	1147.6739
<input checked="" type="checkbox"/>	215	574.8443	1147.6741
<input checked="" type="checkbox"/>	216	574.8443	1147.6741
<input checked="" type="checkbox"/>	217	575.2963	1148.5781
<input checked="" type="checkbox"/>	218	578.3378	1154.6610
<input checked="" type="checkbox"/>	219	578.8311	1155.6475
<input checked="" type="checkbox"/>	220	578.8356	1155.6565
<input checked="" type="checkbox"/>	221	579.2709	1156.5271
<input checked="" type="checkbox"/>	225	580.3302	1158.6459
<input checked="" type="checkbox"/>	226	580.3413	1158.6680
<input checked="" type="checkbox"/>	227	580.8417	1159.6688
<input checked="" type="checkbox"/>	231	580.8454	1159.6762
<input checked="" type="checkbox"/>	232	581.3444	1160.6743
<input checked="" type="checkbox"/>	233	582.2831	1162.5516
<input checked="" type="checkbox"/>	234	582.3402	1162.6658
<input checked="" type="checkbox"/>	235	582.3495	1162.6845
<input checked="" type="checkbox"/>	236	582.3518	1162.6890
<input checked="" type="checkbox"/>	237	582.8458	1163.6770
<input checked="" type="checkbox"/>	238	586.3163	1170.6180
<input checked="" type="checkbox"/>	239	586.8434	1171.6723
<input checked="" type="checkbox"/>	240	586.8439	1171.6733
<input checked="" type="checkbox"/>	241	586.8458	1171.6770
<input checked="" type="checkbox"/>	242	586.8462	1171.6778
<input checked="" type="checkbox"/>	243	587.3436	1172.6725
<input checked="" type="checkbox"/>	244	587.3436	1172.6725
<input checked="" type="checkbox"/>	245	588.3511	1174.6877
<input checked="" type="checkbox"/>	246	588.8406	1175.6666
<input checked="" type="checkbox"/>	247	588.8409	1175.6672
<input checked="" type="checkbox"/>	248	588.8432	1175.6718
<input checked="" type="checkbox"/>	249	588.8543	1175.6940
<input checked="" type="checkbox"/>	250	588.8570	1175.6995
<input checked="" type="checkbox"/>	251	589.2392	1176.4638
<input checked="" type="checkbox"/>	253	589.3140	1176.6134
<input checked="" type="checkbox"/>	254	589.3310	1176.6475
<input checked="" type="checkbox"/>	255	589.3418	1176.6691

<input checked="" type="checkbox"/>	256	589.3759	1176.7372
<input checked="" type="checkbox"/>	257	589.8566	1177.6986
<input checked="" type="checkbox"/>	258	590.3057	1178.5968
<input checked="" type="checkbox"/>	259	590.3063	1178.5980
<input checked="" type="checkbox"/>	260	590.3113	1178.6080
<input checked="" type="checkbox"/>	261	590.8153	1179.6160
<input checked="" type="checkbox"/>	262	591.3365	1180.6584
<input checked="" type="checkbox"/>	263	592.3424	1182.6703
<input checked="" type="checkbox"/>	264	592.8661	1183.7176
<input checked="" type="checkbox"/>	265	593.3375	1184.6605
<input checked="" type="checkbox"/>	266	593.8499	1185.6852
<input checked="" type="checkbox"/>	267	594.3458	1186.6771
<input checked="" type="checkbox"/>	268	594.3492	1186.6839
<input checked="" type="checkbox"/>	269	594.3494	1186.6843
<input checked="" type="checkbox"/>	270	594.8437	1187.6729
<input checked="" type="checkbox"/>	271	594.8451	1187.6757
<input checked="" type="checkbox"/>	272	594.8517	1187.6889
<input checked="" type="checkbox"/>	273	594.8545	1187.6944
<input checked="" type="checkbox"/>	274	595.2688	1188.5231
<input checked="" type="checkbox"/>	275	595.8469	1189.6792
<input checked="" type="checkbox"/>	277	595.8490	1189.6834
<input checked="" type="checkbox"/>	278	596.8372	1191.6599
<input checked="" type="checkbox"/>	279	597.2375	1192.4604
<input checked="" type="checkbox"/>	280	597.2379	1192.4613
<input checked="" type="checkbox"/>	281	597.3103	1192.6061
<input checked="" type="checkbox"/>	282	597.8222	1193.6299
<input checked="" type="checkbox"/>	283	597.8465	1193.6785
<input checked="" type="checkbox"/>	285	600.8415	1199.6685
<input checked="" type="checkbox"/>	286	600.8482	1199.6818
<input checked="" type="checkbox"/>	287	600.8495	1199.6845
<input checked="" type="checkbox"/>	288	600.8590	1199.7035
<input checked="" type="checkbox"/>	290	601.3588	1200.7031
<input checked="" type="checkbox"/>	292	601.8526	1201.6906
<input checked="" type="checkbox"/>	293	602.3499	1202.6853
<input checked="" type="checkbox"/>	294	602.8539	1203.6933
<input checked="" type="checkbox"/>	295	602.8566	1203.6987
<input checked="" type="checkbox"/>	296	602.8573	1203.7001
<input checked="" type="checkbox"/>	297	603.2547	1204.4949
<input checked="" type="checkbox"/>	298	603.2957	1204.5768
<input checked="" type="checkbox"/>	299	603.3582	1204.7018
<input checked="" type="checkbox"/>	300	603.3585	1204.7024
<input checked="" type="checkbox"/>	301	603.3586	1204.7026
<input checked="" type="checkbox"/>	302	603.8613	1205.7080
<input checked="" type="checkbox"/>	303	604.3618	1206.7090
<input checked="" type="checkbox"/>	304	604.3674	1206.7203
<input checked="" type="checkbox"/>	305	604.3685	1206.7224
<input checked="" type="checkbox"/>	306	605.2790	1208.5434
<input checked="" type="checkbox"/>	307	607.3399	1212.6652
<input checked="" type="checkbox"/>	308	607.8674	1213.7202
<input checked="" type="checkbox"/>	309	608.1772	1214.3398
<input checked="" type="checkbox"/>	310	608.3327	1214.6508
<input checked="" type="checkbox"/>	311	608.3423	1214.6699
<input checked="" type="checkbox"/>	312	608.8467	1215.6788
<input checked="" type="checkbox"/>	313	609.3528	1216.6910
<input checked="" type="checkbox"/>	314	609.3541	1216.6935
<input checked="" type="checkbox"/>	315	609.8574	1217.7002
<input checked="" type="checkbox"/>	316	609.8589	1217.7032
<input checked="" type="checkbox"/>	317	609.8607	1217.7068
<input checked="" type="checkbox"/>	318	609.8610	1217.7075
<input checked="" type="checkbox"/>	319	609.8641	1217.7137
<input checked="" type="checkbox"/>	320	610.8682	1219.7218
<input checked="" type="checkbox"/>	321	611.3289	1220.6432
<input checked="" type="checkbox"/>	322	611.3590	1220.7034
<input checked="" type="checkbox"/>	323	611.3594	1220.7043
<input checked="" type="checkbox"/>	324	611.3621	1220.7096
<input checked="" type="checkbox"/>	325	611.8613	1221.7080
<input checked="" type="checkbox"/>	326	611.8644	1221.7142
<input checked="" type="checkbox"/>	327	612.8572	1223.6999
<input checked="" type="checkbox"/>	328	614.3286	1226.6426
<input checked="" type="checkbox"/>	329	615.3538	1228.6931
<input checked="" type="checkbox"/>	330	615.3578	1228.7010
<input checked="" type="checkbox"/>	331	616.3465	1230.6784
<input checked="" type="checkbox"/>	332	616.3519	1230.6893
<input checked="" type="checkbox"/>	333	616.3522	1230.6898
<input checked="" type="checkbox"/>	334	616.8575	1231.7004
<input checked="" type="checkbox"/>	335	617.3207	1232.6269
<input checked="" type="checkbox"/>	336	617.3497	1232.6849
<input checked="" type="checkbox"/>	337	617.2313	1233.6722
<input checked="" type="checkbox"/>	338	617.8609	1233.7073
<input checked="" type="checkbox"/>	339	617.8624	1233.7103
<input checked="" type="checkbox"/>	340	617.8732	1233.7318
<input checked="" type="checkbox"/>	341	618.2926	1234.5705
<input checked="" type="checkbox"/>	342	618.2943	1234.5741
<input checked="" type="checkbox"/>	343	618.3578	1234.7010
<input checked="" type="checkbox"/>	344	618.3609	1234.7071
<input checked="" type="checkbox"/>	345	618.3612	1234.7079
<input checked="" type="checkbox"/>	346	618.8667	1235.7189
<input checked="" type="checkbox"/>	347	619.3522	1236.6898

<input checked="" type="checkbox"/>	348	622.8579	1243.7013
<input checked="" type="checkbox"/>	349	622.8615	1243.7084
<input checked="" type="checkbox"/>	350	622.8674	1243.7203
<input checked="" type="checkbox"/>	351	623.3575	1244.7004
<input checked="" type="checkbox"/>	352	623.3608	1244.7070
<input checked="" type="checkbox"/>	353	623.8531	1245.6916
<input checked="" type="checkbox"/>	354	623.8627	1245.7109
<input checked="" type="checkbox"/>	355	623.8634	1245.7123
<input checked="" type="checkbox"/>	357	624.3581	1246.7016
<input checked="" type="checkbox"/>	358	624.3605	1246.7064
<input checked="" type="checkbox"/>	359	624.8600	1247.7055
<input checked="" type="checkbox"/>	360	624.8686	1247.7227
<input checked="" type="checkbox"/>	362	625.8637	1249.7128
<input checked="" type="checkbox"/>	363	625.8764	1249.7383
<input checked="" type="checkbox"/>	364	625.8845	1249.7544
<input checked="" type="checkbox"/>	365	627.3682	1252.7218
<input checked="" type="checkbox"/>	366	627.8108	1253.6070
<input checked="" type="checkbox"/>	367	628.8849	1255.7553
<input checked="" type="checkbox"/>	368	628.8858	1255.7570
<input checked="" type="checkbox"/>	369	628.8872	1255.7599
<input checked="" type="checkbox"/>	370	629.2723	1256.5300
<input checked="" type="checkbox"/>	371	629.2821	1256.5497
<input checked="" type="checkbox"/>	372	629.3208	1256.6271
<input checked="" type="checkbox"/>	373	630.3598	1258.7050
<input checked="" type="checkbox"/>	374	630.3636	1258.7127
<input checked="" type="checkbox"/>	375	630.3640	1258.7134
<input checked="" type="checkbox"/>	376	630.3655	1258.7165
<input checked="" type="checkbox"/>	377	630.3675	1258.7205
<input checked="" type="checkbox"/>	378	630.8429	1259.6712
<input checked="" type="checkbox"/>	379	631.3365	1260.6585
<input checked="" type="checkbox"/>	380	631.3565	1260.6985
<input checked="" type="checkbox"/>	381	631.8629	1261.7113
<input checked="" type="checkbox"/>	382	631.8779	1261.7412
<input checked="" type="checkbox"/>	383	631.8782	1261.7417
<input checked="" type="checkbox"/>	384	632.8619	1263.7093
<input checked="" type="checkbox"/>	385	633.3193	1264.6241
<input checked="" type="checkbox"/>	386	633.3563	1264.6981
<input checked="" type="checkbox"/>	387	633.3691	1264.7236
<input checked="" type="checkbox"/>	388	634.8679	1267.7212
<input checked="" type="checkbox"/>	391	637.8777	1273.7407
<input checked="" type="checkbox"/>	392	638.3339	1274.6533
<input checked="" type="checkbox"/>	393	638.3648	1274.7150
<input checked="" type="checkbox"/>	394	638.3698	1274.7251
<input checked="" type="checkbox"/>	395	638.8735	1275.7325
<input checked="" type="checkbox"/>	396	639.8773	1277.7400
<input checked="" type="checkbox"/>	397	640.3749	1278.7353
<input checked="" type="checkbox"/>	398	640.8720	1279.7295
<input checked="" type="checkbox"/>	399	640.8763	1279.7381
<input checked="" type="checkbox"/>	400	642.3653	1282.7160
<input checked="" type="checkbox"/>	401	643.3347	1284.6547
<input checked="" type="checkbox"/>	402	644.8806	1287.7466
<input checked="" type="checkbox"/>	403	645.3456	1288.6767
<input checked="" type="checkbox"/>	404	646.0210	1290.0275
<input checked="" type="checkbox"/>	405	646.2262	1290.4378
<input checked="" type="checkbox"/>	406	646.2848	1290.5551
<input checked="" type="checkbox"/>	407	646.3751	1290.7356
<input checked="" type="checkbox"/>	408	647.3667	1292.7189
<input checked="" type="checkbox"/>	409	648.3965	1294.7784
<input checked="" type="checkbox"/>	410	650.8646	1299.7146
<input checked="" type="checkbox"/>	411	651.3259	1300.6373
<input checked="" type="checkbox"/>	412	652.8804	1303.7462
<input checked="" type="checkbox"/>	414	653.4738	1304.9330
<input checked="" type="checkbox"/>	415	654.3556	1306.6967
<input checked="" type="checkbox"/>	416	654.3682	1306.7218
<input checked="" type="checkbox"/>	417	655.3330	1308.6515
<input checked="" type="checkbox"/>	418	655.3404	1308.6663
<input checked="" type="checkbox"/>	419	655.3421	1308.6696
<input checked="" type="checkbox"/>	420	655.3501	1308.6857
<input checked="" type="checkbox"/>	421	655.3851	1308.7557
<input checked="" type="checkbox"/>	422	655.3890	1308.7634
<input checked="" type="checkbox"/>	423	655.8863	1309.7581
<input checked="" type="checkbox"/>	424	438.9302	1313.7688
<input checked="" type="checkbox"/>	425	659.8504	1317.6862
<input checked="" type="checkbox"/>	426	665.4228	1328.8310
<input checked="" type="checkbox"/>	427	666.3697	1330.7249
<input checked="" type="checkbox"/>	428	446.2424	1335.7054
<input checked="" type="checkbox"/>	430	669.8388	1337.6630
<input checked="" type="checkbox"/>	431	670.3713	1338.7279
<input checked="" type="checkbox"/>	432	670.8533	1339.6920
<input checked="" type="checkbox"/>	433	672.3747	1342.7348
<input checked="" type="checkbox"/>	434	677.3805	1352.7464
<input checked="" type="checkbox"/>	435	677.3823	1352.7499
<input checked="" type="checkbox"/>	436	678.2536	1354.4927
<input checked="" type="checkbox"/>	437	678.3721	1354.7297
<input checked="" type="checkbox"/>	439	687.8404	1373.6663
<input checked="" type="checkbox"/>	440	688.3683	1374.7220
<input checked="" type="checkbox"/>	441	691.3329	1380.6513
<input checked="" type="checkbox"/>	442	692.3652	1382.7158

<input checked="" type="checkbox"/>	443	465.2499	1392.7279
<input checked="" type="checkbox"/>	444	465.2507	1392.7302
<input checked="" type="checkbox"/>	445	698.3146	1394.6147
<input checked="" type="checkbox"/>	446	699.3677	1396.7208
<input checked="" type="checkbox"/>	447	699.4088	1396.8030
<input checked="" type="checkbox"/>	448	705.3689	1408.7232
<input checked="" type="checkbox"/>	449	705.8503	1409.6860
<input checked="" type="checkbox"/>	450	706.3321	1410.6497
<input checked="" type="checkbox"/>	452	708.3721	1414.7297
<input checked="" type="checkbox"/>	453	472.5869	1414.7390
<input checked="" type="checkbox"/>	454	710.3311	1418.6476
<input checked="" type="checkbox"/>	455	710.4014	1418.7882
<input checked="" type="checkbox"/>	456	713.3557	1424.6969
<input checked="" type="checkbox"/>	457	714.4372	1426.8598
<input checked="" type="checkbox"/>	458	716.3756	1430.7367
<input checked="" type="checkbox"/>	459	721.3564	1440.6982
<input checked="" type="checkbox"/>	460	721.3955	1440.7765
<input checked="" type="checkbox"/>	461	723.3259	1444.6372
<input checked="" type="checkbox"/>	462	723.8850	1445.7554
<input checked="" type="checkbox"/>	463	725.8259	1449.6372
<input checked="" type="checkbox"/>	464	728.3043	1454.5941
<input checked="" type="checkbox"/>	465	730.3561	1458.6976
<input checked="" type="checkbox"/>	466	732.4288	1462.8431
<input checked="" type="checkbox"/>	467	733.3669	1464.7192
<input checked="" type="checkbox"/>	468	733.8514	1465.6883
<input checked="" type="checkbox"/>	469	734.3610	1466.7074
<input checked="" type="checkbox"/>	470	736.3605	1470.7064
<input checked="" type="checkbox"/>	471	738.4021	1474.7896
<input checked="" type="checkbox"/>	472	738.4021	1474.7897
<input checked="" type="checkbox"/>	473	740.4088	1478.8031
<input checked="" type="checkbox"/>	474	743.3755	1484.7364
<input checked="" type="checkbox"/>	475	743.9291	1485.8436
<input checked="" type="checkbox"/>	476	744.3498	1486.6850
<input checked="" type="checkbox"/>	477	748.3425	1494.6705
<input checked="" type="checkbox"/>	478	749.3936	1496.7725
<input checked="" type="checkbox"/>	479	749.8572	1497.6997
<input checked="" type="checkbox"/>	480	751.3721	1500.7297
<input checked="" type="checkbox"/>	481	751.3859	1500.7573
<input checked="" type="checkbox"/>	482	753.8383	1505.6620
<input checked="" type="checkbox"/>	483	756.3698	1510.7250
<input checked="" type="checkbox"/>	484	756.3699	1510.7252
<input checked="" type="checkbox"/>	485	756.3728	1510.7311
<input checked="" type="checkbox"/>	486	757.3895	1512.7645
<input checked="" type="checkbox"/>	487	769.3306	1536.6466
<input checked="" type="checkbox"/>	488	514.6159	1540.8259
<input checked="" type="checkbox"/>	489	779.3141	1556.6136
<input checked="" type="checkbox"/>	490	780.4111	1558.8077
<input checked="" type="checkbox"/>	491	781.4153	1560.8161
<input checked="" type="checkbox"/>	492	781.9159	1561.8172
<input checked="" type="checkbox"/>	493	783.3971	1564.7796
<input checked="" type="checkbox"/>	494	786.4080	1570.8014
<input checked="" type="checkbox"/>	495	797.3834	1592.7522
<input checked="" type="checkbox"/>	496	820.3585	1638.7024
<input checked="" type="checkbox"/>	497	825.4234	1648.8323
<input checked="" type="checkbox"/>	498	829.9136	1657.8127
<input checked="" type="checkbox"/>	499	834.3987	1666.7829
<input checked="" type="checkbox"/>	500	836.0096	1670.0047
<input checked="" type="checkbox"/>	501	847.3882	1692.7618
<input checked="" type="checkbox"/>	502	854.3988	1706.7831
<input checked="" type="checkbox"/>	503	854.8991	1707.7837
<input checked="" type="checkbox"/>	504	882.4129	1762.8111
<input checked="" type="checkbox"/>	505	883.3811	1764.7476
<input checked="" type="checkbox"/>	506	891.3800	1780.7455
<input checked="" type="checkbox"/>	507	897.9192	1793.8238
<input checked="" type="checkbox"/>	508	897.9192	1793.8239
<input checked="" type="checkbox"/>	509	898.4197	1794.8248
<input checked="" type="checkbox"/>	510	905.4079	1808.8013
<input checked="" type="checkbox"/>	511	905.4206	1808.8266
<input checked="" type="checkbox"/>	512	604.2755	1809.8047
<input checked="" type="checkbox"/>	513	905.9154	1809.8163
<input checked="" type="checkbox"/>	514	905.9195	1809.8244
<input checked="" type="checkbox"/>	515	906.4302	1810.8458
<input checked="" type="checkbox"/>	516	906.4353	1810.8560
<input checked="" type="checkbox"/>	517	604.9624	1811.8654
<input checked="" type="checkbox"/>	518	913.4173	1824.8200
<input checked="" type="checkbox"/>	519	913.4565	1824.8983
<input checked="" type="checkbox"/>	520	617.2640	1848.7703
<input checked="" type="checkbox"/>	521	926.4317	1850.8489
<input checked="" type="checkbox"/>	522	926.4373	1850.8601
<input checked="" type="checkbox"/>	523	623.3180	1866.9322
<input checked="" type="checkbox"/>	524	946.9709	1891.9273
<input checked="" type="checkbox"/>	525	952.4783	1902.9421
<input checked="" type="checkbox"/>	526	954.9675	1907.9204
<input checked="" type="checkbox"/>	527	637.2985	1908.8737
<input checked="" type="checkbox"/>	528	637.6340	1909.8801
<input checked="" type="checkbox"/>	529	955.9503	1909.8860
<input checked="" type="checkbox"/>	530	960.4247	1918.8348
<input checked="" type="checkbox"/>	531	963.4527	1924.8908

<input checked="" type="checkbox"/>	532	642.9648	1925.8726
<input checked="" type="checkbox"/>	533	642.9677	1925.8813
<input checked="" type="checkbox"/>	534	963.9484	1925.8823
<input checked="" type="checkbox"/>	535	963.9488	1925.8831
<input checked="" type="checkbox"/>	536	963.9489	1925.8833
<input checked="" type="checkbox"/>	537	963.9493	1925.8841
<input checked="" type="checkbox"/>	539	964.4288	1926.8429
<input checked="" type="checkbox"/>	540	964.4593	1926.9041
<input checked="" type="checkbox"/>	541	967.4280	1932.8414
<input checked="" type="checkbox"/>	542	970.5015	1938.9884
<input checked="" type="checkbox"/>	543	970.5038	1938.9930
<input checked="" type="checkbox"/>	544	647.6509	1939.9309
<input checked="" type="checkbox"/>	545	971.3960	1940.7775
<input checked="" type="checkbox"/>	546	971.4308	1940.8471
<input checked="" type="checkbox"/>	547	971.4374	1940.8603
<input checked="" type="checkbox"/>	548	971.4611	1940.9077
<input checked="" type="checkbox"/>	549	971.4775	1940.9404
<input checked="" type="checkbox"/>	550	648.2967	1941.8684
<input checked="" type="checkbox"/>	551	648.2968	1941.8686
<input checked="" type="checkbox"/>	552	648.2975	1941.8706
<input checked="" type="checkbox"/>	553	971.9457	1941.8767
<input checked="" type="checkbox"/>	554	971.9460	1941.8774
<input checked="" type="checkbox"/>	555	971.9462	1941.8779
<input checked="" type="checkbox"/>	556	971.9464	1941.8782
<input checked="" type="checkbox"/>	557	971.9481	1941.8816
<input checked="" type="checkbox"/>	558	972.4384	1942.8623
<input checked="" type="checkbox"/>	559	648.6328	1942.8766
<input checked="" type="checkbox"/>	560	653.0282	1956.0628
<input checked="" type="checkbox"/>	561	653.2974	1956.8703
<input checked="" type="checkbox"/>	562	979.4456	1956.8766
<input checked="" type="checkbox"/>	563	979.4880	1956.9614
<input checked="" type="checkbox"/>	564	653.6275	1957.8607
<input checked="" type="checkbox"/>	565	979.9385	1957.8625
<input checked="" type="checkbox"/>	566	979.9399	1957.8652
<input checked="" type="checkbox"/>	567	980.4461	1958.8777
<input checked="" type="checkbox"/>	568	980.4484	1958.8822
<input checked="" type="checkbox"/>	569	984.4604	1966.9063
<input checked="" type="checkbox"/>	570	987.4704	1972.9263
<input checked="" type="checkbox"/>	571	987.9399	1973.8653
<input checked="" type="checkbox"/>	572	992.4566	1982.8987
<input checked="" type="checkbox"/>	573	992.9629	1983.9113
<input checked="" type="checkbox"/>	574	1006.5259	2011.0372
<input checked="" type="checkbox"/>	575	1014.0132	2026.0119
<input checked="" type="checkbox"/>	576	1014.5153	2027.0161
<input checked="" type="checkbox"/>	577	1014.5286	2027.0426
<input checked="" type="checkbox"/>	578	1021.5074	2041.0003
<input checked="" type="checkbox"/>	579	1021.5133	2041.0121
<input checked="" type="checkbox"/>	580	1026.4195	2050.8244
<input checked="" type="checkbox"/>	581	1027.4353	2052.8560
<input checked="" type="checkbox"/>	582	1031.4758	2060.9371
<input checked="" type="checkbox"/>	583	1031.4810	2060.9474
<input checked="" type="checkbox"/>	584	1031.4815	2060.9484
<input checked="" type="checkbox"/>	585	688.3205	2061.9397
<input checked="" type="checkbox"/>	586	1032.4756	2062.9367
<input checked="" type="checkbox"/>	587	1032.4762	2062.9378
<input checked="" type="checkbox"/>	588	1032.4821	2062.9497
<input checked="" type="checkbox"/>	589	1039.4589	2076.9033
<input checked="" type="checkbox"/>	590	1039.5100	2077.0055
<input checked="" type="checkbox"/>	591	693.6316	2077.8730
<input checked="" type="checkbox"/>	592	1039.9492	2077.8838
<input checked="" type="checkbox"/>	593	1040.4568	2078.8989
<input checked="" type="checkbox"/>	594	1040.4611	2078.9077
<input checked="" type="checkbox"/>	595	1044.0275	2086.0404
<input checked="" type="checkbox"/>	596	1047.4680	2092.9215
<input checked="" type="checkbox"/>	597	1047.5042	2092.9939
<input checked="" type="checkbox"/>	598	698.9626	2093.8659
<input checked="" type="checkbox"/>	599	1047.9443	2093.8740
<input checked="" type="checkbox"/>	600	1047.9459	2093.8773
<input checked="" type="checkbox"/>	601	699.2924	2094.8553
<input checked="" type="checkbox"/>	602	699.2971	2094.8693
<input checked="" type="checkbox"/>	603	1048.4425	2094.8705
<input checked="" type="checkbox"/>	604	1048.4509	2094.8872
<input checked="" type="checkbox"/>	605	1050.5253	2099.0360
<input checked="" type="checkbox"/>	606	1050.5402	2099.0658
<input checked="" type="checkbox"/>	607	1051.5284	2101.0423
<input checked="" type="checkbox"/>	608	1057.5249	2113.0352
<input checked="" type="checkbox"/>	609	1057.5462	2113.0779
<input checked="" type="checkbox"/>	610	1058.5169	2115.0193
<input checked="" type="checkbox"/>	611	1058.5262	2115.0379
<input checked="" type="checkbox"/>	612	1058.5443	2115.0740
<input checked="" type="checkbox"/>	613	1065.5269	2129.0393
<input checked="" type="checkbox"/>	614	1073.5369	2145.0593
<input checked="" type="checkbox"/>	615	1078.5158	2155.0171
<input checked="" type="checkbox"/>	616	1079.0313	2156.0480
<input checked="" type="checkbox"/>	617	1079.0322	2156.0498
<input checked="" type="checkbox"/>	618	1084.4427	2166.8709
<input checked="" type="checkbox"/>	619	724.3592	2170.0558
<input checked="" type="checkbox"/>	620	1086.0369	2170.0592

<input checked="" type="checkbox"/>	621	1086.0402	2170.0659
<input checked="" type="checkbox"/>	622	1087.0287	2172.0428
<input checked="" type="checkbox"/>	623	1087.0296	2172.0447
<input checked="" type="checkbox"/>	624	1087.5284	2173.0423
<input checked="" type="checkbox"/>	625	1087.5320	2173.0495
<input checked="" type="checkbox"/>	626	1092.4431	2182.8716
<input checked="" type="checkbox"/>	627	728.6321	2182.8746
<input checked="" type="checkbox"/>	628	1092.4456	2182.8767
<input checked="" type="checkbox"/>	629	1093.4675	2184.9204
<input checked="" type="checkbox"/>	630	729.3576	2185.0509
<input checked="" type="checkbox"/>	631	1094.0340	2186.0535
<input checked="" type="checkbox"/>	632	1094.0369	2186.0593
<input checked="" type="checkbox"/>	633	1094.5319	2187.0493
<input checked="" type="checkbox"/>	634	1100.4554	2198.8963
<input checked="" type="checkbox"/>	635	738.0097	2211.0073
<input checked="" type="checkbox"/>	636	1116.5587	2231.1029
<input checked="" type="checkbox"/>	637	1130.5518	2259.0890
<input checked="" type="checkbox"/>	638	1136.5444	2271.0743
<input checked="" type="checkbox"/>	639	1139.0406	2276.0667
<input checked="" type="checkbox"/>	640	572.8142	2287.2275
<input checked="" type="checkbox"/>	641	1145.5658	2289.1170
<input checked="" type="checkbox"/>	642	573.8316	2291.2972
<input checked="" type="checkbox"/>	643	1159.5814	2317.1482
<input checked="" type="checkbox"/>	644	1160.0566	2318.0986
<input checked="" type="checkbox"/>	645	1166.5581	2331.1016
<input checked="" type="checkbox"/>	646	1167.5589	2333.1032
<input checked="" type="checkbox"/>	647	1167.5630	2333.1114
<input checked="" type="checkbox"/>	648	1168.0532	2334.0917
<input checked="" type="checkbox"/>	649	1168.0668	2334.1190
<input checked="" type="checkbox"/>	650	1169.5923	2337.1700
<input checked="" type="checkbox"/>	651	1174.5645	2347.1144
<input checked="" type="checkbox"/>	652	1174.5645	2347.1145
<input checked="" type="checkbox"/>	653	1182.5914	2363.1682
<input checked="" type="checkbox"/>	654	1183.8068	2365.5989
<input checked="" type="checkbox"/>	655	593.8602	2371.4117
<input checked="" type="checkbox"/>	656	1189.5874	2377.1602
<input checked="" type="checkbox"/>	657	795.3300	2382.9680
<input checked="" type="checkbox"/>	658	600.7595	2399.0087
<input checked="" type="checkbox"/>	659	619.1008	2472.3741
<input checked="" type="checkbox"/>	660	1237.6252	2473.2359
<input checked="" type="checkbox"/>	661	866.4009	2596.1810
<input checked="" type="checkbox"/>	662	653.3783	2609.4841
<input checked="" type="checkbox"/>	663	989.1428	2964.4067
<input checked="" type="checkbox"/>	664	911.6811	3642.6951
<input checked="" type="checkbox"/>	665	645.8871	3869.2790

Search Parameters

Type of search : MS/MS Ion Search
Enzyme : Trypsin
Variable modifications : [Carbamidomethyl \(C\)](#), [Oxidation \(M\)](#)
Mass values : Monoisotopic
Protein Mass : Unrestricted
Peptide Mass Tolerance : ± 50 ppm
Fragment Mass Tolerance : ± 0.1 Da
Max Missed Cleavages : 1
Instrument type : ESI-QUAD-TOF
Number of queries : 665

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

S4 Fig MASCOT Search Results – Tris-Tricine Sample

MASCOT SCIENCE Mascot Search Results

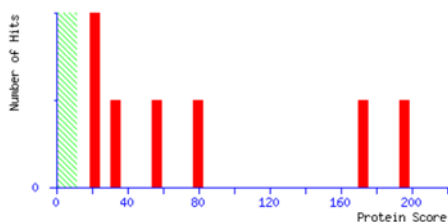
User :
 Email :
 Search title : Submitted from 14732 by Mascot Daemon on APAF-WS-08
 MS data file : \\apaf-hpv-file\projects\External\17432_VicUniWell_SandiDempsey_20150209\1_MassSpec\5600\Run1\Results\150213_P17432_SD1096-2_1.MGF
 Database : sp_sheep_140625 sheep_140625_ (647 sequences; 258179 residues)
 Timestamp : 13 Feb 2015 at 04:39:38 GMT
 Protein hits : **P60713** sp|P60713|ACTB_SHEEP Actin, cytoplasmic 1 OS=Ovis aries GN=ACTB PE=2 SV=1
 077727 sp|077727|K1C15_SHEEP Keratin, type I cytoskeletal 15 OS=Ovis aries GN=KRT15 PE=2 SV=1
 Q9TTE2 sp|Q9TTE2|PGS2_SHEEP Decorin OS=Ovis aries GN=DCN PE=2 SV=1
 Q9BGM5 sp|Q9BGM5|K1C25_SHEEP Keratin, type I cytoskeletal 25 OS=Ovis aries GN=KRT25 PE=2 SV=1
 P14639 sp|P14639|ALBU_SHEEP Serum albumin OS=Ovis aries GN=ALB PE=2 SV=1
 P15241 sp|P15241|K2M2_SHEEP Keratin, type II microfibrillar, component 7C OS=Ovis aries PE=1 SV=1
 P12436 sp|P12436|VP5_BTIVIA Outer capsid protein VP5 OS=Bluetongue virus 1 (isolate Australia) GN=S6 PE=3 SV=1

sp_sheep_140625 **Decoy** False discovery rate

Peptide matches above identity threshold 22 4 18.18 %
 Peptide matches above homology or identity threshold 22 4 18.18 %

Mascot Score Histogram

Ions score is $-10 * \text{Log}(P)$, where P is the probability that the observed match is a random event.
 Individual ions scores > 11 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

Format As Peptide Summary [Help](#)
 Significance threshold p< 0.05 Max. number of hits AUTO Show Percolator scores
 Standard scoring MudPIT scoring Ions score or expect cut-off 11 Show sub-sets 0
 Show pop-ups Suppress pop-ups Sort unassigned Decreasing Score Require bold red

Select All Select None Search Selected Error tolerant Archive Report

1. [P60713](#) Mass: 41710 Score: 196 Matches: 6(6) Sequences: 3(3) emPAI: 0.36

sp|P60713|ACTB_SHEEP Actin, cytoplasmic 1 OS=Ovis aries GN=ACTB PE=2 SV=1

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
<input checked="" type="checkbox"/> 51	398.2400	794.4655	794.4650	0.65	0	34	0.00041	1	U K.IIAPPER.K
<input checked="" type="checkbox"/> 270	566.7674	1131.5203	1131.5197	0.60	0	(42)	6.9e-005	1	U R.GYSFTTTAER.E
<input checked="" type="checkbox"/> 271	566.7677	1131.5208	1131.5197	1.06	0	43	4.7e-005	1	U R.GYSFTTTAER.E
<input checked="" type="checkbox"/> 277	581.3128	1160.6109	1160.6111	-0.12	0	(40)	0.00022	1	U K.EITALAPSTMK.I
<input checked="" type="checkbox"/> 278	581.3129	1160.6113	1160.6111	0.18	0	(44)	0.00011	1	U K.EITALAPSTMK.I
<input checked="" type="checkbox"/> 284	589.3095	1176.6045	1176.6060	-1.30	0	68	5.4e-007	1	U K.EITALAPSTMK.I + Oxidation (M)

2. [077727](#) Mass: 48740 Score: 174 Matches: 6(6) Sequences: 2(2) emPAI: 0.14

sp|077727|K1C15_SHEEP Keratin, type I cytoskeletal 15 OS=Ovis aries GN=KRT15 PE=2 SV=1

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
<input checked="" type="checkbox"/> 56	404.2031	806.3916	806.3923	-0.86	0	(38)	0.00015	1	U R.LAADDR.L
<input checked="" type="checkbox"/> 57	404.2036	806.3926	806.3923	0.43	0	48	1.9e-005	1	U R.LAADDR.L
<input checked="" type="checkbox"/> 58	404.2073	806.4000	806.3923	9.66	0	(27)	0.0081	1	U R.LAADDR.L
<input checked="" type="checkbox"/> 241	516.2998	1030.5851	1030.5910	-5.70	0	(27)	0.0034	1	U R.VLDELTLTK.T
<input checked="" type="checkbox"/> 242	516.3029	1030.5913	1030.5910	0.26	0	71	7.3e-008	1	U R.VLDELTLTK.T
<input checked="" type="checkbox"/> 243	516.3036	1030.5926	1030.5910	1.52	0	(34)	0.00043	1	U R.VLDELTLTK.T

3. [Q9TTE2](#) Mass: 39947 Score: 84 Matches: 2(2) Sequences: 1(1) emPAI: 0.08

sp|Q9TTE2|PGS2_SHEEP Decorin OS=Ovis aries GN=DCN PE=2 SV=1

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
<input checked="" type="checkbox"/> 264	550.3297	1098.6448	1098.6437	1.02	0	(42)	6.3e-005	1	U K.ISPGAFAPLVK.L
<input checked="" type="checkbox"/> 265	550.3300	1098.6454	1098.6437	1.53	0	55	3.2e-006	1	U K.ISPGAFAPLVK.L

4. [Q9BGM5](#) Mass: 49282 Score: 54 Matches: 4(3) Sequences: 2(2) emPAI: 0.14

sp|Q9BGM5|K1C25_SHEEP Keratin, type I cytoskeletal 25 OS=Ovis aries GN=KRT25 PE=2 SV=1

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
241	516.2998	1030.5851	1030.5845	0.63	0	(11)	0.12	2	U R.VLDVITLCR.T
242	516.3029	1030.5913	1030.5845	6.58	0	(13)	0.047	2	U R.VLDVITLCR.T
243	516.3036	1030.5926	1030.5845	7.85	0	14	0.041	2	U R.VLDVITLCR.T
<input checked="" type="checkbox"/> 263	545.7676	1089.5207	1089.5237	-2.71	0	53	4.8e-006	1	U K.VTMQNLNDR.L

5. [P14639](#) Score: 28 Matches: 1(1) Sequences: 1(1) emPAI: 0.05
 sp|P14639|ALBU_SHEEP Serum albumin OS=Ovis aries GN=ALB PE=2 SV=1
 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 |
|--|----------|----------|----------|------|------|-------|--------|------|--------|-------------|
| <input checked="" type="checkbox"/> 50 | 395.2396 | 788.4647 | 788.4644 | 0.48 | 0 | 28 | 0.0015 | 1 | U | K.IVTDLTK.V |
-
6. [P15241](#) Mass: 53647 Score: 22 Matches: 1(1) Sequences: 1(1) emPAI: 0.06
 sp|P15241|K2M2_SHEEP Keratin, type II microfibrillar, component 7C OS=Ovis aries PE=1 SV=1
 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 |
|---|----------|-----------|-----------|------|------|-------|--------|------|--------|-----------------|
| <input checked="" type="checkbox"/> 303 | 632.3513 | 1262.6880 | 1262.6870 | 0.81 | 0 | 22 | 0.0069 | 1 | U | K.LGLDIEIATYR.R |
- Proteins matching the same set of peptides:
[P25691](#) Mass: 55220 Score: 22 Matches: 1(1) Sequences: 1(1)
 sp|P25691|K2M3_SHEEP Keratin, type II microfibrillar, component 5 OS=Ovis aries PE=1 SV=1
-
7. [P12436](#) Mass: 59207 Score: 22 Matches: 6(5) Sequences: 1(1) emPAI: 0.06
 sp|P12436|VP5_BTVA Outer capsid protein VP5 OS=Bluetongue virus 1 (isolate Australia) GN=S6 PE=3 SV=1
 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
<input checked="" type="checkbox"/> 329	598.9439	1793.8098	1793.7924	9.72	0	(15)	0.033	1	U	R.DGMQEAAIQEIAGMTR.G + Oxidation (M)
<input checked="" type="checkbox"/> 330	598.9439	1793.8098	1793.7924	9.72	0	(15)	0.03	1	U	R.DGMQEAAIQEIAGMTR.G + Oxidation (M)
<input checked="" type="checkbox"/> 332	598.9442	1793.8107	1793.7924	10.2	0	(11)	0.076	1	U	R.DGMQEAAIQEIAGMTR.G + Oxidation (M)
<input checked="" type="checkbox"/> 333	598.9444	1793.8113	1793.7924	10.5	0	15	0.029	1	U	R.DGMQEAAIQEIAGMTR.G + Oxidation (M)
<input checked="" type="checkbox"/> 334	598.9444	1793.8113	1793.7924	10.5	0	(14)	0.038	1	U	R.DGMQEAAIQEIAGMTR.G + Oxidation (M)
<input checked="" type="checkbox"/> 335	598.9444	1793.8113	1793.7924	10.5	0	(14)	0.039	1	U	R.DGMQEAAIQEIAGMTR.G + Oxidation (M)

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

Query	Observed	Mr(expt)	Mr(calc)	ppm	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 131	442.7633	883.5121	883.5491	-41.85	0	9	0.13	1		IITPAITR
<input checked="" type="checkbox"/> 328	897.9110	1793.8075	1793.7924	8.43	0	8	0.16	1		DGMQEAAIQEIAGMTR + Oxidation (M)
<input checked="" type="checkbox"/> 331	598.9439	1793.8098	1793.7924	9.72	0	8	0.17	1		DGMQEAAIQEIAGMTR + Oxidation (M)
<input checked="" type="checkbox"/> 222	487.2698	972.5250	972.5175	7.75	1	7	0.18	1		NGAPMTRVK
<input checked="" type="checkbox"/> 217	481.2473	960.4801	960.4487	32.6	0	7	0.58	1		DLPQMWR + Oxidation (M)
<input checked="" type="checkbox"/> 181	457.2951	912.5756	912.5644	12.3	0	7	0.19	1		VLLSSPAVK
<input checked="" type="checkbox"/> 250	523.2846	1044.5546	1044.5862	-30.29	1	7	0.19	1		LSRLQCLR + Carbamidomethyl (C)
<input checked="" type="checkbox"/> 312	681.8625	1361.7104	1361.7554	-33.06	1	7	0.23	1		QKSQLILEEFK
<input checked="" type="checkbox"/> 327	897.9110	1793.8074	1793.7924	8.38	0	7	0.2	1		DGMQEAAIQEIAGMTR + Oxidation (M)
<input checked="" type="checkbox"/> 30	379.2113	756.4080	756.3952	16.9	0	6	0.53	1		MPPSGLR
<input checked="" type="checkbox"/> 276	576.2876	1150.5606	1150.5506	8.72	0	6	0.32	1		YLAEVAAGDDK
<input checked="" type="checkbox"/> 31	379.2168	756.4191	756.3952	31.6	0	6	0.57	1		MPPSGLR
<input checked="" type="checkbox"/> 115	435.7553	1738.9921	1738.9267	37.6	1	5	0.46	1		VVSDPQGIRAWAVR
<input checked="" type="checkbox"/> 223	487.2707	972.5268	972.5175	9.60	1	5	0.57	1		NGAPMTRVK
<input checked="" type="checkbox"/> 53	400.7326	799.4507	799.4341	20.9	0	4	0.35	1		DLIHR
<input checked="" type="checkbox"/> 306	643.8787	1285.7428	1285.7241	14.5	1	4	0.44	1		SKLAGLEEALQK
<input checked="" type="checkbox"/> 209	477.3051	952.5956	952.5705	26.4	0	3	0.49	1		LLEVLNPR
<input checked="" type="checkbox"/> 227	494.3017	986.5889	986.5509	38.5	1	3	0.53	1		TSLKTPGGAR
<input checked="" type="checkbox"/> 189	464.2524	926.4902	926.4722	19.4	1	3	1.1	1		YRAYQAR
<input checked="" type="checkbox"/> 55	403.2309	1206.6708	1206.6166	45.0	1	2	1.9	1		SEKMLLEDVK + Oxidation (M)
<input checked="" type="checkbox"/> 85	416.2503	830.4860	830.4610	30.1	0	2	1.5	1		SQLSQLR
<input checked="" type="checkbox"/> 207	472.5869	1414.7390	1414.7351	2.77	1	2	0.63	1		SSMSGLHLVKQGR + Oxidation (M)
<input checked="" type="checkbox"/> 282	583.2946	1164.5746	1164.5267	41.1	0	2	0.92	1		IEAMLEQQR + Carbamidomethyl (C); Oxidation (M)
<input checked="" type="checkbox"/> 210	477.3053	952.5960	952.5705	26.7	0	2	0.67	1		LLEVLNPR
<input checked="" type="checkbox"/> 89	420.2481	838.4816	838.4548	31.9	0	1	0.73	1		KPSDPAPK
<input checked="" type="checkbox"/> 84	416.2407	1245.7002	1245.6904	7.87	1	0	3	1		QMIQVVKWAK + Oxidation (M)
<input checked="" type="checkbox"/> 204	472.2870	942.5594	942.5611	-1.70	1	0	0.91	1		GNKILVSGR
<input checked="" type="checkbox"/> 1	350.1971	698.3796								
<input checked="" type="checkbox"/> 2	350.2004	698.3863								
<input checked="" type="checkbox"/> 3	350.2039	698.3933								
<input checked="" type="checkbox"/> 4	350.2056	698.3967								
<input checked="" type="checkbox"/> 5	354.0738	706.1331								
<input checked="" type="checkbox"/> 6	355.0709	708.1272								
<input checked="" type="checkbox"/> 7	355.1950	708.3755								
<input checked="" type="checkbox"/> 8	362.1218	722.2291								
<input checked="" type="checkbox"/> 9	362.1947	722.3748								
<input checked="" type="checkbox"/> 10	362.2214	722.4283								
<input checked="" type="checkbox"/> 11	362.2220	722.4294								
<input checked="" type="checkbox"/> 12	362.2226	722.4306								
<input checked="" type="checkbox"/> 13	362.2226	722.4307								
<input checked="" type="checkbox"/> 14	362.2229	722.4312								
<input checked="" type="checkbox"/> 15	364.2262	726.4379								
<input checked="" type="checkbox"/> 16	368.0537	734.0929								
<input checked="" type="checkbox"/> 17	368.0947	734.1748								
<input checked="" type="checkbox"/> 18	368.1012	734.1879								
<input checked="" type="checkbox"/> 19	369.1918	736.3690								
<input checked="" type="checkbox"/> 20	369.9351	737.8556								
<input checked="" type="checkbox"/> 21	370.7346	739.4547								
<input checked="" type="checkbox"/> 22	372.2014	742.3883								
<input checked="" type="checkbox"/> 23	372.2020	742.3893								
<input checked="" type="checkbox"/> 24	373.1478	744.2810								
<input checked="" type="checkbox"/> 25	374.0657	746.1168								
<input checked="" type="checkbox"/> 26	376.0835	750.1524								
<input checked="" type="checkbox"/> 27	377.0885	752.1624								
<input checked="" type="checkbox"/> 28	377.8027	753.5909								
<input checked="" type="checkbox"/> 29	378.1180	754.2215								
<input checked="" type="checkbox"/> 32	381.2295	760.4444								
<input checked="" type="checkbox"/> 33	381.2297	760.4449								

<input checked="" type="checkbox"/>	34	384.2344	766.4543
<input checked="" type="checkbox"/>	35	384.2358	766.4571
<input checked="" type="checkbox"/>	36	384.2360	766.4574
<input checked="" type="checkbox"/>	37	384.2368	766.4591
<input checked="" type="checkbox"/>	38	384.2376	766.4607
<input checked="" type="checkbox"/>	39	386.1001	770.1856
<input checked="" type="checkbox"/>	40	386.1069	770.1993
<input checked="" type="checkbox"/>	41	388.1730	774.3313
<input checked="" type="checkbox"/>	42	388.1958	774.3770
<input checked="" type="checkbox"/>	43	391.2236	780.4326
<input checked="" type="checkbox"/>	44	391.2830	780.5513
<input checked="" type="checkbox"/>	45	391.2837	780.5529
<input checked="" type="checkbox"/>	46	391.2838	780.5531
<input checked="" type="checkbox"/>	47	391.2849	780.5552
<input checked="" type="checkbox"/>	48	392.2408	782.4670
<input checked="" type="checkbox"/>	49	392.7470	783.4793
<input checked="" type="checkbox"/>	52	400.6154	799.2162
<input checked="" type="checkbox"/>	54	401.2611	800.5077
<input checked="" type="checkbox"/>	59	405.1381	808.2617
<input checked="" type="checkbox"/>	60	405.2235	808.4324
<input checked="" type="checkbox"/>	61	405.2243	808.4341
<input checked="" type="checkbox"/>	62	406.2465	810.4784
<input checked="" type="checkbox"/>	63	406.2482	810.4818
<input checked="" type="checkbox"/>	64	406.2486	810.4826
<input checked="" type="checkbox"/>	65	406.2486	810.4826
<input checked="" type="checkbox"/>	66	407.1495	812.2845
<input checked="" type="checkbox"/>	67	408.2405	814.4665
<input checked="" type="checkbox"/>	68	411.8111	821.6076
<input checked="" type="checkbox"/>	69	411.9217	821.8288
<input checked="" type="checkbox"/>	70	411.9229	821.8313
<input checked="" type="checkbox"/>	71	411.9239	821.8332
<input checked="" type="checkbox"/>	72	412.0831	822.1516
<input checked="" type="checkbox"/>	73	412.2282	822.4419
<input checked="" type="checkbox"/>	74	412.7521	823.4896
<input checked="" type="checkbox"/>	75	412.7524	823.4902
<input checked="" type="checkbox"/>	76	412.7531	823.4917
<input checked="" type="checkbox"/>	77	413.2269	824.4393
<input checked="" type="checkbox"/>	78	414.0972	826.1798
<input checked="" type="checkbox"/>	79	414.0998	826.1851
<input checked="" type="checkbox"/>	80	414.2141	826.4136
<input checked="" type="checkbox"/>	81	414.2200	826.4254
<input checked="" type="checkbox"/>	82	414.7623	827.5101
<input checked="" type="checkbox"/>	83	416.1078	830.2010
<input checked="" type="checkbox"/>	86	416.2508	830.4870
<input checked="" type="checkbox"/>	87	416.2513	830.4881
<input checked="" type="checkbox"/>	88	416.7479	831.4813
<input checked="" type="checkbox"/>	90	421.7569	841.4992
<input checked="" type="checkbox"/>	91	421.7575	841.5005
<input checked="" type="checkbox"/>	92	421.7576	841.5006
<input checked="" type="checkbox"/>	93	421.7577	841.5008
<input checked="" type="checkbox"/>	94	421.7579	841.5013
<input checked="" type="checkbox"/>	95	421.7582	841.5018
<input checked="" type="checkbox"/>	96	421.7582	841.5019
<input checked="" type="checkbox"/>	97	422.0508	842.0870
<input checked="" type="checkbox"/>	98	425.3103	848.6060
<input checked="" type="checkbox"/>	99	425.3109	848.6072
<input checked="" type="checkbox"/>	100	426.2464	850.4783
<input checked="" type="checkbox"/>	101	428.2618	854.5090
<input checked="" type="checkbox"/>	102	428.2618	854.5090
<input checked="" type="checkbox"/>	103	428.2619	854.5092
<input checked="" type="checkbox"/>	104	428.2622	854.5098
<input checked="" type="checkbox"/>	105	428.2622	854.5099
<input checked="" type="checkbox"/>	106	428.2629	854.5113
<input checked="" type="checkbox"/>	107	428.2638	854.5130
<input checked="" type="checkbox"/>	108	428.7651	855.5157
<input checked="" type="checkbox"/>	109	428.7654	855.5163
<input checked="" type="checkbox"/>	110	428.7657	855.5169
<input checked="" type="checkbox"/>	111	428.7665	855.5185
<input checked="" type="checkbox"/>	112	433.7326	865.4505
<input checked="" type="checkbox"/>	113	435.2474	868.4802
<input checked="" type="checkbox"/>	114	435.7546	869.4947
<input checked="" type="checkbox"/>	116	435.7557	869.4968
<input checked="" type="checkbox"/>	117	435.7561	869.4977
<input checked="" type="checkbox"/>	118	435.7670	869.5193
<input checked="" type="checkbox"/>	119	435.7674	869.5202
<input checked="" type="checkbox"/>	120	435.7707	869.5269
<input checked="" type="checkbox"/>	121	435.7722	869.5299
<input checked="" type="checkbox"/>	122	435.7727	869.5308
<input checked="" type="checkbox"/>	123	436.7742	871.5339
<input checked="" type="checkbox"/>	124	436.7743	871.5340
<input checked="" type="checkbox"/>	125	437.2904	872.5662
<input checked="" type="checkbox"/>	126	437.7516	873.4887
<input checked="" type="checkbox"/>	127	440.1126	878.2106
<input checked="" type="checkbox"/>	128	440.1141	878.2135
<input checked="" type="checkbox"/>	129	442.0916	882.1686
<input checked="" type="checkbox"/>	130	442.7625	883.5104
<input checked="" type="checkbox"/>	132	442.7640	883.5134
<input checked="" type="checkbox"/>	133	444.1069	886.1993
<input checked="" type="checkbox"/>	134	445.2882	888.5619
<input checked="" type="checkbox"/>	135	448.2127	894.4108
<input checked="" type="checkbox"/>	136	448.2136	894.4126
<input checked="" type="checkbox"/>	137	448.2144	894.4143
<input checked="" type="checkbox"/>	138	449.7711	897.5276
<input checked="" type="checkbox"/>	139	449.7714	897.5282

<input checked="" type="checkbox"/>	140	449.7717	897.5287
<input checked="" type="checkbox"/>	141	450.2754	898.5362
<input checked="" type="checkbox"/>	142	450.2758	898.5371
<input checked="" type="checkbox"/>	143	450.2778	898.5410
<input checked="" type="checkbox"/>	144	450.2972	898.5799
<input checked="" type="checkbox"/>	145	450.2998	898.5850
<input checked="" type="checkbox"/>	146	450.7898	899.5651
<input checked="" type="checkbox"/>	147	451.2650	900.5154
<input checked="" type="checkbox"/>	148	451.2677	900.5207
<input checked="" type="checkbox"/>	149	453.0727	904.1309
<input checked="" type="checkbox"/>	150	453.1271	904.2397
<input checked="" type="checkbox"/>	151	453.7797	905.5447
<input checked="" type="checkbox"/>	152	453.7806	905.5467
<input checked="" type="checkbox"/>	153	453.7812	905.5478
<input checked="" type="checkbox"/>	154	453.7815	905.5485
<input checked="" type="checkbox"/>	155	453.7821	905.5495
<input checked="" type="checkbox"/>	156	453.7823	905.5500
<input checked="" type="checkbox"/>	157	453.7825	905.5505
<input checked="" type="checkbox"/>	158	453.7825	905.5505
<input checked="" type="checkbox"/>	159	453.7831	905.5515
<input checked="" type="checkbox"/>	160	453.7831	905.5517
<input checked="" type="checkbox"/>	161	453.7835	905.5524
<input checked="" type="checkbox"/>	162	453.7835	905.5525
<input checked="" type="checkbox"/>	163	453.7836	905.5526
<input checked="" type="checkbox"/>	164	453.7837	905.5528
<input checked="" type="checkbox"/>	165	453.7838	905.5530
<input checked="" type="checkbox"/>	166	453.7838	905.5530
<input checked="" type="checkbox"/>	167	453.7839	905.5532
<input checked="" type="checkbox"/>	168	453.7839	905.5533
<input checked="" type="checkbox"/>	169	453.7840	905.5535
<input checked="" type="checkbox"/>	170	453.7844	905.5543
<input checked="" type="checkbox"/>	171	453.7845	905.5544
<input checked="" type="checkbox"/>	172	453.7845	905.5544
<input checked="" type="checkbox"/>	173	453.7845	905.5545
<input checked="" type="checkbox"/>	174	453.7846	905.5546
<input checked="" type="checkbox"/>	175	453.7846	905.5547
<input checked="" type="checkbox"/>	176	453.7847	905.5548
<input checked="" type="checkbox"/>	177	453.7848	905.5551
<input checked="" type="checkbox"/>	178	453.7850	905.5555
<input checked="" type="checkbox"/>	179	453.7860	905.5574
<input checked="" type="checkbox"/>	180	456.1074	910.2002
<input checked="" type="checkbox"/>	182	458.7880	915.5613
<input checked="" type="checkbox"/>	183	458.7885	915.5624
<input checked="" type="checkbox"/>	184	460.0934	918.1722
<input checked="" type="checkbox"/>	185	461.7471	921.4797
<input checked="" type="checkbox"/>	186	462.2119	922.4093
<input checked="" type="checkbox"/>	187	462.2153	922.4160
<input checked="" type="checkbox"/>	188	462.2645	922.5145
<input checked="" type="checkbox"/>	190	464.2535	926.4925
<input checked="" type="checkbox"/>	191	466.1705	930.3265
<input checked="" type="checkbox"/>	192	468.2049	934.3952
<input checked="" type="checkbox"/>	193	471.7911	941.5677
<input checked="" type="checkbox"/>	194	471.7921	941.5697
<input checked="" type="checkbox"/>	195	471.7934	941.5723
<input checked="" type="checkbox"/>	196	471.7936	941.5727
<input checked="" type="checkbox"/>	197	471.7937	941.5729
<input checked="" type="checkbox"/>	198	471.7948	941.5750
<input checked="" type="checkbox"/>	199	471.7948	941.5750
<input checked="" type="checkbox"/>	200	471.7957	941.5768
<input checked="" type="checkbox"/>	201	471.7962	941.5779
<input checked="" type="checkbox"/>	202	471.7965	941.5784
<input checked="" type="checkbox"/>	203	471.7967	941.5789
<input checked="" type="checkbox"/>	205	472.2891	942.5637
<input checked="" type="checkbox"/>	206	472.2894	942.5642
<input checked="" type="checkbox"/>	208	476.2520	950.4894
<input checked="" type="checkbox"/>	211	479.2758	956.5369
<input checked="" type="checkbox"/>	212	479.2885	956.5625
<input checked="" type="checkbox"/>	213	479.2894	956.5642
<input checked="" type="checkbox"/>	214	480.8017	959.5889
<input checked="" type="checkbox"/>	215	481.1367	960.2588
<input checked="" type="checkbox"/>	216	481.1433	960.2720
<input checked="" type="checkbox"/>	218	481.6353	961.2560
<input checked="" type="checkbox"/>	219	484.1808	966.3470
<input checked="" type="checkbox"/>	220	486.2873	970.5600
<input checked="" type="checkbox"/>	221	486.2979	970.5813
<input checked="" type="checkbox"/>	224	487.2740	972.5334
<input checked="" type="checkbox"/>	225	490.1785	978.3425
<input checked="" type="checkbox"/>	226	494.3014	986.5882
<input checked="" type="checkbox"/>	228	494.3022	986.5898
<input checked="" type="checkbox"/>	229	495.2924	988.5702
<input checked="" type="checkbox"/>	230	495.2927	988.5709
<input checked="" type="checkbox"/>	231	500.9528	999.8911
<input checked="" type="checkbox"/>	232	501.7951	1001.5756
<input checked="" type="checkbox"/>	233	502.8147	1003.6149
<input checked="" type="checkbox"/>	234	505.2692	1008.5238
<input checked="" type="checkbox"/>	235	505.2707	1008.5268
<input checked="" type="checkbox"/>	236	511.3268	1020.6390
<input checked="" type="checkbox"/>	237	513.2397	1024.4648
<input checked="" type="checkbox"/>	238	515.2991	1028.5836
<input checked="" type="checkbox"/>	239	515.7415	1029.4685
<input checked="" type="checkbox"/>	240	515.7428	1029.4710
<input checked="" type="checkbox"/>	244	516.3145	1030.6144
<input checked="" type="checkbox"/>	245	516.3156	1030.6167
<input checked="" type="checkbox"/>	246	516.8274	1031.6402

<input checked="" type="checkbox"/>	247	517.2616	1032.5087
<input checked="" type="checkbox"/>	248	517.2617	1032.5088
<input checked="" type="checkbox"/>	249	519.7694	1037.5242
<input checked="" type="checkbox"/>	251	523.8035	1045.5924
<input checked="" type="checkbox"/>	252	524.8277	1047.6408
<input checked="" type="checkbox"/>	253	528.7766	1055.5386
<input checked="" type="checkbox"/>	254	530.2932	1058.5719
<input checked="" type="checkbox"/>	255	533.2640	1064.5134
<input checked="" type="checkbox"/>	256	533.3367	1064.6589
<input checked="" type="checkbox"/>	257	356.2051	1065.5933
<input checked="" type="checkbox"/>	258	357.2253	1068.6540
<input checked="" type="checkbox"/>	259	536.3235	1070.6325
<input checked="" type="checkbox"/>	260	538.3261	1074.6377
<input checked="" type="checkbox"/>	261	538.3275	1074.6404
<input checked="" type="checkbox"/>	262	538.8079	1075.6013
<input checked="" type="checkbox"/>	266	554.2749	1106.5351
<input checked="" type="checkbox"/>	267	369.9290	1106.7653
<input checked="" type="checkbox"/>	268	560.3374	1118.6603
<input checked="" type="checkbox"/>	269	560.3414	1118.6682
<input checked="" type="checkbox"/>	272	570.3486	1138.6827
<input checked="" type="checkbox"/>	273	571.3530	1140.6914
<input checked="" type="checkbox"/>	274	571.3555	1140.6965
<input checked="" type="checkbox"/>	275	571.3560	1140.6974
<input checked="" type="checkbox"/>	279	582.1748	1162.3349
<input checked="" type="checkbox"/>	280	582.3200	1162.6254
<input checked="" type="checkbox"/>	281	582.8387	1163.6629
<input checked="" type="checkbox"/>	283	586.8410	1171.6675
<input checked="" type="checkbox"/>	285	590.3038	1178.5931
<input checked="" type="checkbox"/>	286	590.3044	1178.5942
<input checked="" type="checkbox"/>	287	590.3166	1178.6187
<input checked="" type="checkbox"/>	288	590.3168	1178.6190
<input checked="" type="checkbox"/>	289	590.8138	1179.6130
<input checked="" type="checkbox"/>	290	597.3099	1192.6053
<input checked="" type="checkbox"/>	291	597.3352	1192.6558
<input checked="" type="checkbox"/>	292	608.8585	1215.7025
<input checked="" type="checkbox"/>	293	406.7546	1217.2420
<input checked="" type="checkbox"/>	294	410.2928	1227.8567
<input checked="" type="checkbox"/>	295	615.3668	1228.7190
<input checked="" type="checkbox"/>	296	411.9373	1232.7900
<input checked="" type="checkbox"/>	297	412.2312	1233.6717
<input checked="" type="checkbox"/>	298	412.2314	1233.6725
<input checked="" type="checkbox"/>	299	416.2970	1245.8691
<input checked="" type="checkbox"/>	300	628.3070	1254.5993
<input checked="" type="checkbox"/>	301	628.8007	1255.5868
<input checked="" type="checkbox"/>	302	421.7647	1262.2722
<input checked="" type="checkbox"/>	304	635.3645	1268.7143
<input checked="" type="checkbox"/>	305	639.3617	1276.7087
<input checked="" type="checkbox"/>	307	430.2293	1287.6661
<input checked="" type="checkbox"/>	308	651.8617	1301.7089
<input checked="" type="checkbox"/>	309	661.8581	1321.7016
<input checked="" type="checkbox"/>	310	442.5891	1324.7455
<input checked="" type="checkbox"/>	311	442.5903	1324.7491
<input checked="" type="checkbox"/>	313	465.2496	1392.7271
<input checked="" type="checkbox"/>	314	356.0277	1420.0818
<input checked="" type="checkbox"/>	315	478.9282	1433.7629
<input checked="" type="checkbox"/>	316	725.9364	1449.8582
<input checked="" type="checkbox"/>	317	738.3971	1474.7797
<input checked="" type="checkbox"/>	318	738.3972	1474.7798
<input checked="" type="checkbox"/>	319	498.5838	1492.7295
<input checked="" type="checkbox"/>	320	381.0246	1520.0692
<input checked="" type="checkbox"/>	321	769.3241	1536.6336
<input checked="" type="checkbox"/>	322	547.3182	1638.9327
<input checked="" type="checkbox"/>	323	547.3186	1638.9339
<input checked="" type="checkbox"/>	324	422.9514	1687.7764
<input checked="" type="checkbox"/>	325	425.0065	1695.9970
<input checked="" type="checkbox"/>	326	439.8102	1755.2116
<input checked="" type="checkbox"/>	336	449.7683	1795.0440
<input checked="" type="checkbox"/>	337	456.5015	1821.9768
<input checked="" type="checkbox"/>	338	492.8200	1967.2509
<input checked="" type="checkbox"/>	339	512.0359	2044.1147
<input checked="" type="checkbox"/>	340	514.0896	2052.3291
<input checked="" type="checkbox"/>	341	428.0798	2562.4349
<input checked="" type="checkbox"/>	342	485.8102	2908.8172

Search Parameters

Type of search : MS/MS Ion Search
Enzyme : Trypsin
Variable modifications : [Carbamidomethyl \(C\)](#), [Oxidation \(M\)](#)
Mass values : Monoisotopic
Protein Mass : Unrestricted
Peptide Mass Tolerance : \pm 50 ppm
Fragment Mass Tolerance: \pm 0.6 Da
Max Missed Cleavages : 1
Instrument type : ESI-QUAD-TOF
Number of queries : 342

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