

Electronic Supplementary Information

Legends to the Supplementary Figures

Figure S1. Bar chart showing the results of the GO classification retrieved using GO slim tool of Webgestalt. Molecular functions, Biological processes and Cellular component. The most represented ontology in the category Biological processes is the metabolic process.

Figure S2. Graphical representation of a significant network ($p < 0.005$) that considers physical associations and direct interactions reported in the IntAct database. The resulting model includes 71 interactions.

Figure S3. Graphical representation of IPA Network # 1, # 3 and # 4 after merging (score = 48, 23 and 21 respectively). TP53 is hub protein.

Figure S4. Genomatix (GePS) network of differentiated proteins. The network demonstrates the connection between Hsp70 (HSPA1A), NF- κ B (NFKB1) and p53 (TP53). High expressed proteins in SHH-MB SLCs after RA-induced differentiation are in green, while low expressed in red. Factors that are product of the extension are in grey.

Figure S1

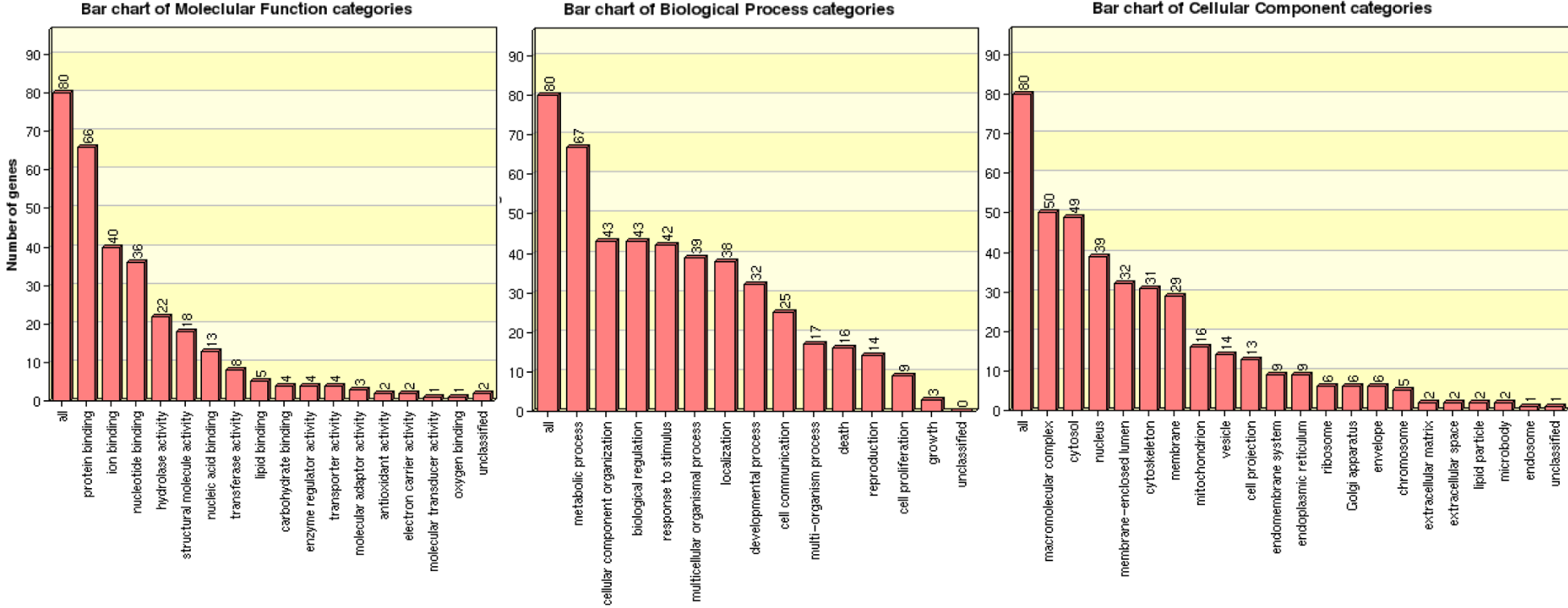


Figure S2

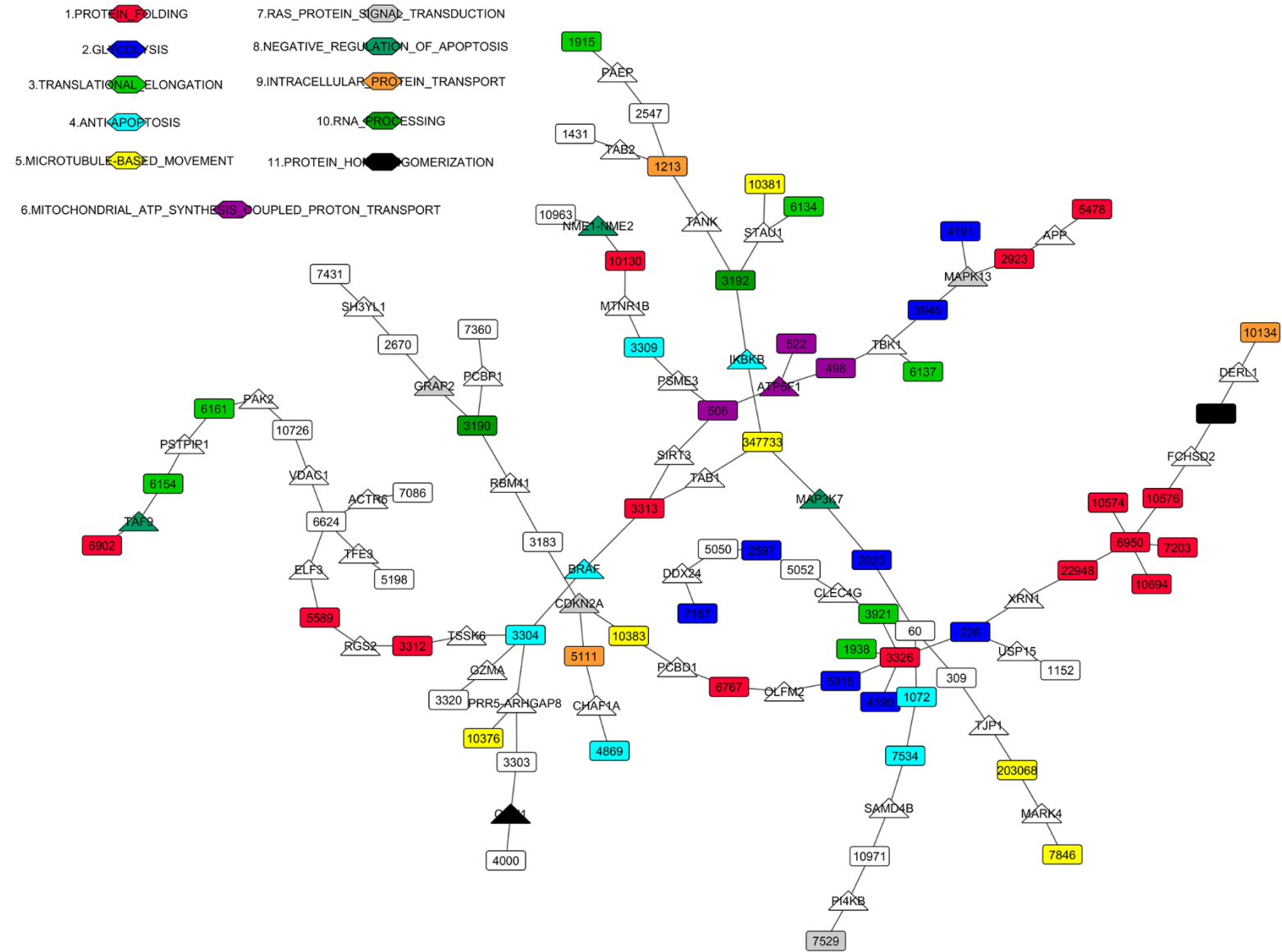


Figure S3

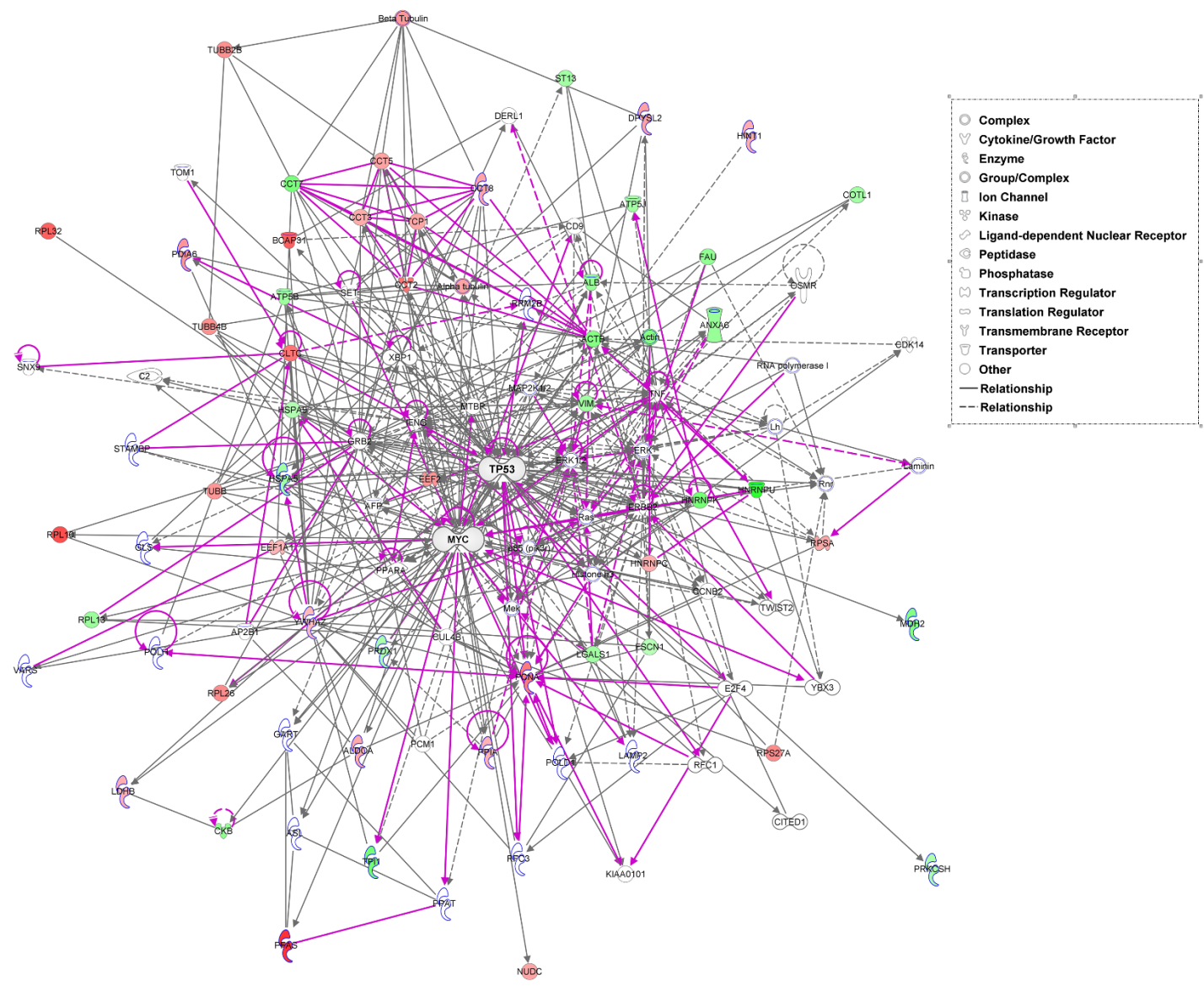


Figure S4

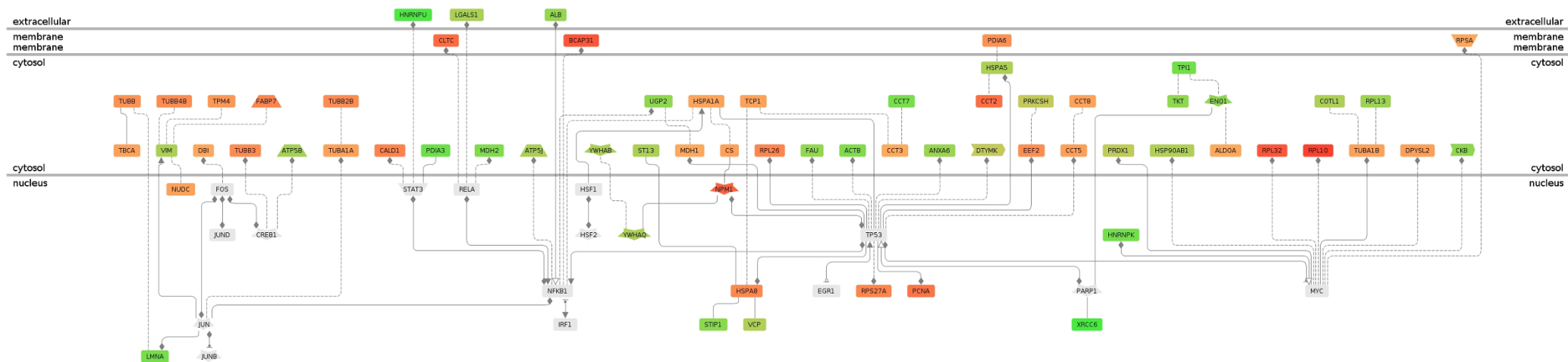


Table S1. Bucket table

Bucket	P-value	P-value (rank)	Average Ratio "Stem"/"Diff"	Fold Change "Stem"/"Diff"	P-value (FWER)	P-value (FDR)	Max Intensity	pAD "Stem"	pAD "Diff"	CV "Stem"	CV "Diff"	Value count "Stem"	Value count "Diff"
39.04min : 985.643m/z	0	0.05714	2.1	2.1	0.0015	0.00055	13640	n/a	n/a	3.3	5.5	4	3
81.53min : 1462.831m/z	0	0.05714	2.63	2.63	0.00177	0.00055	20584	n/a	n/a	2.7	7.7	4	3
56.21min : 814.375m/z	0	0.05714	0.52	-1.93	0.00259	0.00055	18536	n/a	n/a	5.1	1.7	4	3
36.14min : 1031.575m/z	0	0.05714	2.54	2.54	0.00299	0.00055	48552	n/a	n/a	4	8.9	4	3
61.80min : 1293.647m/z	0	0.02857	1.92	1.92	0.00303	0.00055	16216	n/a	n/a	2.3	8	4	4
34.81min : 1009.517m/z	0	0.02857	1.6	1.6	0.0035	0.00055	45620	n/a	n/a	3.8	5.4	4	4
65.74min : 1343.668m/z	0	0.05714	0.49	-2.06	0.00466	0.00055	18632	n/a	n/a	5.9	1.5	4	3
43.50min : 1614.766m/z	0	0.05714	2.08	2.08	0.00475	0.00055	15516	n/a	n/a	4.2	5.6	4	3
86.88min : 788.464m/z	0.00001	0.05714	4.52	4.52	0.0054	0.00055	105856	n/a	n/a	5.7	22.2	4	3
22.87min : 884.559m/z	0.00001	0.02857	1.71	1.71	0.00549	0.00055	22892	n/a	n/a	4.1	8.5	4	4
37.65min : 787.506m/z	0.00001	0.02857	0.55	-1.82	0.0069	0.00063	14236	n/a	n/a	4.9	3.9	4	4
89.39min : 1229.732m/z	0.00001	0.05714	1.87	1.87	0.00835	0.0007	32892	n/a	n/a	2.5	5.5	4	3
86.51min : 1558.806m/z	0.00001	0.05714	2.6	2.6	0.00907	0.0007	18552	n/a	n/a	4.2	11.2	4	3
62.90min : 450.272m/z	0.00001	0.02857	1.86	1.86	0.01131	0.00081	16292	n/a	n/a	5.6	10.6	4	4
110.53min : 1430.833m/z	0.00001	0.05714	0.69	-1.45	0.0126	0.00084	21048	n/a	n/a	3	1.3	4	3
48.58min : 888.428m/z	0.00001	0.02857	0.39	-2.54	0.01432	0.00087	157968	n/a	n/a	5.6	4.9	4	4
72.68min : 1838.016m/z	0.00001	0.05714	1.63	1.63	0.01488	0.00087	18711	n/a	n/a	3.5	5.5	4	3
86.33min : 1781.928m/z	0.00002	0.05714	1.89	1.89	0.01562	0.00087	16104	n/a	n/a	2.7	6.2	4	3
40.82min : 1279.654m/z	0.00002	0.02857	0.47	-2.13	0.01729	0.00088	13496	n/a	n/a	4.2	4.3	4	4
42.89min : 901.527m/z	0.00002	0.02857	0.66	-1.53	0.01766	0.00088	24504	n/a	n/a	4.1	1.7	4	4
87.75min : 1061.509m/z	0.00002	0.05714	0.45	-2.21	0.02194	0.00099	8936	n/a	n/a	4.8	0.3	4	3
81.50min : 1541.909m/z	0.00002	0.05714	0.49	-2.05	0.02421	0.00099	12040	n/a	n/a	6	3.3	4	3
40.71min : 644.374m/z	0.00002	0.02857	0.34	-2.94	0.02468	0.00099	57440	n/a	n/a	21.3	6.1	4	4
34.53min : 701.421m/z	0.00003	0.02857	1.83	1.83	0.02498	0.00099	13492	n/a	n/a	6	8.1	4	4
30.45min : 1129.634m/z	0.00003	0.02857	0.54	-1.86	0.02529	0.00099	23760	n/a	n/a	7.3	5.3	4	4
27.51min : 1056.523m/z	0.00003	0.02857	2.22	2.22	0.02598	0.00099	22272	n/a	n/a	5.9	7.2	4	4
30.57min : 1134.546m/z	0.00003	0.02857	0.52	-1.92	0.0268	0.00099	10540	n/a	n/a	3.3	4	4	4

41.07min : 998.530m/z	0.00003	0.02857	2.56	2.56	0.02791	0.001	70868	n/a	n/a	8.3	18.3	4	4
59.20min : 1326.765m/z	0.00003	0.02857	1.43	1.43	0.02927	0.001	16240	n/a	n/a	4.7	6.5	4	4
69.41min : 450.273m/z	0.00003	0.05714	1.51	1.51	0.03063	0.001	138420	n/a	n/a	3.2	5.1	4	3
31.80min : 942.565m/z	0.00003	0.02857	0.3	-3.33	0.03088	0.001	30848	n/a	n/a	5.5	5.2	4	4
33.14min : 819.450m/z	0.00003	0.02857	1.59	1.59	0.03302	0.00103	196288	n/a	n/a	5.3	9.6	4	4
68.17min : 2208.072m/z	0.00004	0.05714	1.33	1.33	0.0359	0.00109	26768	n/a	n/a	3	3.8	4	3
61.38min : 2409.268m/z	0.00004	0.05714	1.82	1.82	0.03844	0.00113	9828	n/a	n/a	5.8	7.8	4	3
41.77min : 1149.398m/z	0.00004	0.05714	0.46	-2.19	0.04307	0.00123	14300	n/a	n/a	4.5	5.3	3	4
43.04min : 1053.645m/z	0.00005	0.02857	0.45	-2.2	0.04485	0.00125	19348	n/a	n/a	5.2	5.4	4	4
62.28min : 840.569m/z	0.00005	0.02857	14.63	14.63	0.05409	0.00142	216168	n/a	n/a	5.5	5	4	4
45.39min : 1872.986m/z	0.00005	0.02857	1.78	1.78	0.05413	0.00142	13850	n/a	n/a	7	9.6	4	4
53.27min : 1092.583m/z	0.00007	0.05714	0.44	-2.25	0.06522	0.00163	13812	n/a	n/a	9.4	4.4	3	4
36.56min : 486.366m/z	0.00007	0.02857	0.67	-1.49	0.06679	0.00163	19928	n/a	n/a	5.5	3.7	4	4
30.03min : 1077.537m/z	0.00007	0.02857	1.4	1.4	0.06687	0.00163	195752	n/a	n/a	2.7	7.2	4	4
84.46min : 2398.152m/z	0.00007	0.05714	1.85	1.85	0.07081	0.00169	13584	n/a	n/a	5.9	9.8	4	3
58.14min : 1046.591m/z	0.00008	0.02857	0.61	-1.63	0.07529	0.00175	12216	n/a	n/a	6.9	2.8	4	4
46.13min : 587.414m/z	0.00009	0.02857	0.56	-1.78	0.08687	0.00197	20452	n/a	n/a	9.6	3.9	4	4
74.89min : 2355.146m/z	0.00009	0.05714	1.78	1.78	0.09074	0.00201	24352	n/a	n/a	6.8	7.9	4	3
49.12min : 444.295m/z	0.0001	0.02857	0.15	-6.48	0.09554	0.00201	727916	n/a	n/a	11.1	7.4	4	4
90.72min : 1143.640m/z	0.0001	0.05714	1.79	1.79	0.09615	0.00201	337236	n/a	n/a	6.9	7.6	4	3
36.31min : 1113.539m/z	0.0001	0.02857	0.68	-1.48	0.09988	0.00201	8764	n/a	n/a	5.7	3.7	4	4
57.18min : 1132.531m/z	0.0001	0.02857	0.53	-1.88	0.10118	0.00201	129056	n/a	n/a	1.9	4	4	4
73.32min : 1515.800m/z	0.0001	0.05714	3.01	3.01	0.10236	0.00201	54804	n/a	n/a	6.5	22.5	4	3
52.48min : 989.573m/z	0.0001	0.02857	1.37	1.37	0.10252	0.00201	46716	n/a	n/a	4.1	8.2	4	4
66.73min : 815.433m/z	0.00011	0.05714	2.29	2.29	0.11099	0.00208	11396	n/a	n/a	6.9	15.9	4	3
65.84min : 1656.811m/z	0.00012	0.05714	2.5	2.5	0.11506	0.00208	61376	n/a	n/a	9.3	15.6	4	3
39.14min : 873.554m/z	0.00012	0.05714	1.35	1.35	0.11648	0.00208	9032	n/a	n/a	4.8	4.5	4	3
65.99min : 1002.551m/z	0.00012	0.05714	1.42	1.42	0.11826	0.00208	41096	n/a	n/a	5.2	5.3	4	3
69.06min : 922.473m/z	0.00012	0.05714	0.59	-1.7	0.11838	0.00208	14836	n/a	n/a	8.3	3.2	4	3
58.47min : 535.301m/z	0.00012	0.02857	1.89	1.89	0.11857	0.00208	174948	n/a	n/a	8.5	12.2	4	4
75.04min : 1235.628m/z	0.00012	0.05714	1.27	1.27	0.12397	0.00214	30552	n/a	n/a	3.3	4.2	4	3
47.00min : 1578.790m/z	0.00013	0.0294	2.05	2.05	0.13083	0.00222	26364	n/a	n/a	3.6	17.1	4	4

37.80min : 972.555m/z	0.00014	0.05714	0.54	-1.84	0.13654	0.00228	14248	n/a	n/a	5.9	6.2	3	4
28.35min : 830.422m/z	0.00014	0.02857	0.32	-3.16	0.14052	0.0023	74724	n/a	n/a	9.9	8.4	4	4
85.08min : 1787.996m/z	0.00015	0.05714	1.69	1.69	0.14959	0.00241	69152	n/a	n/a	6.9	9.1	4	3
85.32min : 1264.650m/z	0.00016	0.05714	1.23	1.23	0.1614	0.00251	20292	n/a	n/a	3	1.1	4	3
55.89min : 1540.564m/z	0.00016	0.02857	0.33	-3.01	0.1616	0.00251	9232	n/a	n/a	15.8	10.2	4	4
73.33min : 1142.719m/z	0.00016	0.05714	0.46	-2.16	0.16294	0.00251	177692	n/a	n/a	8.9	5.1	4	3
58.65min : 1401.814m/z	0.00017	0.05714	2.01	2.01	0.16739	0.00254	14332	n/a	n/a	8.3	8.8	4	3
54.20min : 849.414m/z	0.00022	0.02857	2.29	2.29	0.21491	0.00321	27912	n/a	n/a	10.4	27.4	4	4
47.46min : 903.479m/z	0.00022	0.02857	0.58	-1.71	0.22079	0.00325	20620	n/a	n/a	10.4	4.4	4	4
49.82min : 1066.603m/z	0.00023	0.02857	1.53	1.53	0.23227	0.00337	24252	n/a	n/a	6.2	4.7	4	4
80.09min : 1958.051m/z	0.00025	0.05714	1.37	1.37	0.24549	0.00351	17880	n/a	n/a	5.6	5.8	4	3
24.85min : 755.444m/z	0.00025	0.02857	1.61	1.61	0.25112	0.00354	32156	n/a	n/a	5.7	3.2	4	4
36.86min : 657.418m/z	0.00026	0.02857	1.41	1.41	0.25974	0.00356	16840	n/a	n/a	4.3	10.3	4	4
57.75min : 1587.803m/z	0.00026	0.05714	0.52	-1.92	0.26015	0.00356	10020	n/a	n/a	6.8	7.4	3	4
61.22min : 1988.999m/z	0.00027	0.02857	1.63	1.63	0.26731	0.00361	9204	n/a	n/a	8.7	11.9	4	4
24.65min : 1149.470m/z	0.00028	0.02857	0.15	-6.68	0.2815	0.00374	113104	n/a	n/a	14.5	10.1	4	4
62.31min : 730.289m/z	0.00029	0.05714	0.49	-2.05	0.28727	0.00374	11424	n/a	n/a	5.3	7.3	3	4
46.95min : 749.444m/z	0.00029	0.02857	1.65	1.65	0.28767	0.00374	25044	n/a	n/a	7.3	5.9	4	4
37.06min : 980.534m/z	0.00029	0.02857	0.5	-1.98	0.29152	0.00374	47068	n/a	n/a	10	8.6	4	4
72.99min : 1354.760m/z	0.0003	0.05714	1.32	1.32	0.29924	0.00379	16136	n/a	n/a	5.5	4.3	4	3
42.84min : 745.457m/z	0.00031	0.02857	3.54	3.54	0.30867	0.00382	53844	n/a	n/a	11.1	15.8	4	4
50.20min : 1223.629m/z	0.00031	0.02857	1.21	1.21	0.30975	0.00382	13208	n/a	n/a	2.2	5.8	4	4
54.59min : 1558.797m/z	0.00033	0.02857	1.85	1.85	0.32404	0.00383	16672	n/a	n/a	10	12.9	4	4
88.62min : 1901.832m/z	0.00033	0.1	0.15	-6.6	0.32583	0.00383	33864	n/a	n/a	3.4	3.2	3	3
68.66min : 1072.546m/z	0.00033	0.05714	1.84	1.84	0.32651	0.00383	69716	n/a	n/a	2.5	8.6	4	3
59.09min : 1924.106m/z	0.00033	0.05714	0.68	-1.46	0.32665	0.00383	7508	n/a	n/a	5.6	3.3	4	3
87.93min : 725.390m/z	0.00033	0.05714	0.53	-1.89	0.33076	0.00383	9004	n/a	n/a	12	5.6	4	3
56.25min : 1338.705m/z	0.00034	0.02857	1.74	1.74	0.3333	0.00383	11920	n/a	n/a	6.3	3.1	4	4
78.70min : 1240.793m/z	0.00034	0.05714	0.53	-1.88	0.34063	0.00387	9156	n/a	n/a	11.8	5.7	4	3
80.77min : 953.606m/z	0.00035	0.05714	0.58	-1.72	0.34645	0.00389	18824	n/a	n/a	9.4	4.9	4	3
81.10min : 1786.950m/z	0.00036	0.05714	1.2	1.2	0.3541	0.00393	23088	n/a	n/a	4	2.2	4	3
25.65min : 1106.393m/z	0.00037	0.02857	0.48	-2.1	0.37202	0.00408	26084	n/a	n/a	3.8	6.8	4	4

68.02min : 965.444m/z	0.00038	0.05714	0.42	-2.37	0.38244	0.00408	28576	n/a	n/a	19.5	3.3	4	3
58.74min : 1562.826m/z	0.00039	0.02857	1.41	1.41	0.38319	0.00408	11516	n/a	n/a	6.9	10.8	4	4
75.17min : 1621.795m/z	0.00039	0.05714	2.04	2.04	0.38349	0.00408	29736	n/a	n/a	5.5	15	4	3
51.09min : 959.546m/z	0.00039	0.02857	1.25	1.25	0.39026	0.00408	114048	n/a	n/a	2.1	6.4	4	4
78.85min : 1260.641m/z	0.00039	0.1	0.51	-1.94	0.39206	0.00408	8116	n/a	n/a	5.2	4.6	3	3
89.93min : 1982.001m/z	0.0004	0.05714	2.12	2.12	0.40039	0.00412	39624	n/a	n/a	10.9	15.4	4	3
34.33min : 1423.714m/z	0.00041	0.02857	1.41	1.41	0.40425	0.00412	9276	n/a	n/a	7.5	9.7	4	4
49.98min : 800.538m/z	0.00041	0.02857	0.34	-2.92	0.40794	0.00412	133060	n/a	n/a	3.8	8	4	4
73.63min : 1249.626m/z	0.00043	0.05714	0.57	-1.75	0.42365	0.00422	25136	n/a	n/a	8.1	5.2	4	3
54.48min : 1130.556m/z	0.00043	0.02857	1.28	1.28	0.42596	0.00422	44848	n/a	n/a	3.5	8.2	4	4
46.45min : 1054.578m/z	0.00044	0.0294	1.34	1.34	0.43721	0.00429	49004	n/a	n/a	4.6	9.8	4	4
30.34min : 1180.625m/z	0.00046	0.02857	1.55	1.55	0.4558	0.00429	68944	n/a	n/a	8	7	4	4
74.33min : 1782.955m/z	0.00046	0.05714	1.48	1.48	0.4597	0.00429	41344	n/a	n/a	6.7	8.9	4	3
37.52min : 543.388m/z	0.00047	0.02857	1.97	1.97	0.46359	0.00429	8132	n/a	n/a	9.8	9.4	4	4
36.65min : 1291.606m/z	0.00047	0.05714	0.41	-2.46	0.46364	0.00429	37864	n/a	n/a	1.6	2.7	4	3
86.90min : 1699.817m/z	0.00047	0.05714	2.61	2.61	0.46496	0.00429	82848	n/a	n/a	11.5	12.6	4	3
77.18min : 1740.879m/z	0.00047	0.05714	1.32	1.32	0.46748	0.00429	10384	n/a	n/a	5.6	6.4	4	3
60.88min : 1536.803m/z	0.00048	0.1	2.29	2.29	0.47372	0.00429	51840	n/a	n/a	2.9	1.7	3	3
52.39min : 1465.676m/z	0.00048	0.04975	2.34	2.34	0.47857	0.00429	11304	n/a	n/a	4	16.2	4	3
53.15min : 1103.569m/z	0.00048	0.05714	0.71	-1.41	0.47976	0.00429	12404	n/a	n/a	2.4	4.3	3	4
50.75min : 1765.938m/z	0.00049	0.05714	1.46	1.46	0.48572	0.00429	12280	n/a	n/a	5.9	2.6	4	3
80.77min : 1338.724m/z	0.00049	0.04975	0.51	-1.94	0.48894	0.00429	15448	n/a	n/a	4.4	4.2	4	3
56.66min : 1488.805m/z	0.00049	0.02857	1.32	1.32	0.49071	0.00429	12928	n/a	n/a	6.8	8.3	4	4
59.14min : 1876.954m/z	0.0005	0.02857	1.36	1.36	0.49378	0.00429	9561	n/a	n/a	3.7	9.9	4	4
38.00min : 1027.531m/z	0.0005	0.05714	1.5	1.5	0.50196	0.00433	17160	n/a	n/a	7.9	7.2	4	3
84.11min : 2677.239m/z	0.00054	0.05714	1.79	1.79	0.53599	0.00458	124328	n/a	n/a	5.2	12.6	4	3
49.60min : 2229.129m/z	0.00057	0.02857	0.53	-1.89	0.56213	0.00476	11200	n/a	n/a	4.6	7.3	4	4
70.88min : 1314.682m/z	0.00059	0.05714	1.34	1.34	0.58546	0.0049	13700	n/a	n/a	6.6	5.3	4	3
70.88min : 535.301m/z	0.0006	0.05714	1.18	1.18	0.59321	0.0049	115936	n/a	n/a	4.8	3.3	4	3
88.35min : 1548.797m/z	0.0006	0.05714	1.89	1.89	0.59346	0.0049	18392	n/a	n/a	7.9	16.1	4	3
88.09min : 1480.758m/z	0.0006	0.05714	1.28	1.28	0.59952	0.00491	49404	n/a	n/a	5.8	5.8	4	3
72.55min : 1833.923m/z	0.00061	0.05714	2.8	2.8	0.60611	0.00493	116296	n/a	n/a	13.5	18.5	4	3

44.34min : 558.338m/z	0.00062	0.0294	1.24	1.24	0.61626	0.00497	408216	n/a	n/a	5.7	7.6	4	4
69.94min : 761.433m/z	0.00063	0.05714	1.49	1.49	0.62735	0.00499	11860	n/a	n/a	6.5	9.7	4	3
86.18min : 1344.714m/z	0.00064	0.05714	1.59	1.59	0.63241	0.00499	97528	n/a	n/a	3.4	8.8	4	3
57.27min : 1194.602m/z	0.00064	0.02857	0.65	-1.55	0.63351	0.00499	12696	n/a	n/a	5.3	6.4	4	4
84.41min : 1154.576m/z	0.00064	0.05714	0.66	-1.52	0.64029	0.005	27768	n/a	n/a	3.2	3.4	4	3
32.34min : 989.530m/z	0.00067	0.02857	1.36	1.36	0.66672	0.00517	87052	n/a	n/a	6.1	3.5	4	4
67.12min : 1805.901m/z	0.00068	0.05714	1.91	1.91	0.67233	0.00517	41168	n/a	n/a	9.8	7.1	4	3
35.66min : 1384.630m/z	0.00068	0.02857	0.62	-1.62	0.67862	0.00518	5288	n/a	n/a	8.3	7.7	4	4
52.66min : 1203.625m/z	0.0007	0.02857	1.26	1.26	0.69217	0.00522	12464	n/a	n/a	6.4	7.6	4	4
47.02min : 982.482m/z	0.0007	0.02857	0.6	-1.68	0.69443	0.00522	11332	n/a	n/a	12.5	5.6	4	4
69.22min : 547.833m/z	0.00071	0.1	0.51	-1.95	0.70838	0.00526	8860	n/a	n/a	10.6	5.4	3	3
65.66min : 4246.557m/z	0.00071	0.05714	2.18	2.18	0.70975	0.00526	10320	n/a	n/a	9.4	22	4	3
39.39min : 1570.733m/z	0.00073	0.02857	0.61	-1.64	0.72265	0.00531	17316	n/a	n/a	0.9	4.8	4	4
87.55min : 1014.624m/z	0.00075	0.05714	0.61	-1.63	0.74693	0.00545	84256	n/a	n/a	5.2	4.6	4	3
56.84min : 708.385m/z	0.00078	0.02857	0.46	-2.17	0.77199	0.00559	19584	n/a	n/a	3.5	8	4	4
48.17min : 1060.577m/z	0.00081	0.02857	1.39	1.39	0.80696	0.00581	26252	n/a	n/a	7.5	5.7	4	4
58.20min : 1965.750m/z	0.00082	0.02857	0.4	-2.52	0.81398	0.00581	15284	n/a	n/a	8.5	10.7	4	4
51.67min : 922.492m/z	0.00083	0.02857	0.64	-1.56	0.82832	0.00587	261260	n/a	n/a	9.1	2.9	4	4
89.22min : 1783.928m/z	0.00084	0.05714	1.16	1.16	0.83846	0.0059	10652	n/a	n/a	4.4	4.3	4	3
78.99min : 1918.875m/z	0.00087	0.05714	0.34	-2.94	0.86048	0.00599	15168	n/a	n/a	4.3	4.7	4	3
81.07min : 1319.707m/z	0.00089	0.05714	1.63	1.63	0.88104	0.00599	165024	n/a	n/a	8.5	4.8	4	3
41.63min : 1079.610m/z	0.00089	0.05714	0.7	-1.43	0.88479	0.00599	8572	n/a	n/a	2.9	5.2	3	4
53.20min : 914.570m/z	0.0009	0.02857	1.92	1.92	0.89483	0.00599	112940	n/a	n/a	13	20	4	4
44.23min : 749.395m/z	0.0009	0.02857	0.49	-2.04	0.89538	0.00599	9600	n/a	n/a	7.3	9.6	4	4
65.96min : 1316.699m/z	0.0009	0.05714	1.41	1.41	0.8968	0.00599	38296	n/a	n/a	6.4	2.5	4	3
43.35min : 1065.431m/z	0.00091	0.02857	1.61	1.61	0.90053	0.00599	148424	n/a	n/a	10.7	14.9	4	4
56.50min : 1628.785m/z	0.00091	0.02857	1.37	1.37	0.90584	0.00599	18080	n/a	n/a	8	11.3	4	4
47.77min : 1241.688m/z	0.00091	0.02857	1.48	1.48	0.90904	0.00599	42032	n/a	n/a	6	15.2	4	4
64.37min : 2228.091m/z	0.00092	0.05714	1.09	1.09	0.9099	0.00599	7628	n/a	n/a	3.4	1.7	4	3
43.37min : 671.483m/z	0.00094	0.05714	1.43	1.43	0.93073	0.00608	9584	n/a	n/a	8.2	8.3	4	3
59.31min : 890.513m/z	0.00095	0.02857	0.7	-1.43	0.94622	0.00609	158944	n/a	n/a	7.6	5.1	4	4
87.54min : 996.613m/z	0.00095	0.05714	0.61	-1.64	0.94919	0.00609	10196	n/a	n/a	5	4.7	4	3

52.92min : 939.613m/z	0.00096	0.02857	1.72	1.72	0.95794	0.00609	12404	n/a	n/a	8.3	3.7	4	4
33.03min : 994.473m/z	0.00097	0.02857	1.4	1.4	0.96887	0.00609	23164	n/a	n/a	8.8	10.2	4	4
39.56min : 606.362m/z	0.00098	0.05714	0.54	-1.84	0.96918	0.00609	11984	n/a	n/a	2.4	7.1	3	4
26.75min : 958.572m/z	0.00098	0.02857	1.47	1.47	0.97147	0.00609	301092	n/a	n/a	9.4	10.1	4	4
56.94min : 2185.053m/z	0.00098	0.02857	1.59	1.59	0.97382	0.00609	17764	n/a	n/a	10.2	17.1	4	4
40.56min : 1530.700m/z	0.001	0.05714	2.35	2.35	0.9911	0.00614	29480	n/a	n/a	12.5	10.6	4	3
32.71min : 1981.969m/z	0.001	0.05714	1.71	1.71	0.99874	0.00614	13825	n/a	n/a	9.5	14.9	4	3
86.95min : 1058.586m/z	0.00101	0.05714	1.83	1.83	1	0.00614	27832	n/a	n/a	11.7	14.6	4	3
56.57min : 487.325m/z	0.00102	0.02857	1.56	1.56	1	0.00618	19420	n/a	n/a	10.5	14	4	4
57.59min : 1860.875m/z	0.00103	0.02857	1.23	1.23	1	0.00618	13812	n/a	n/a	4.6	1.4	4	4
81.43min : 1457.645m/z	0.00103	0.05714	0.42	-2.36	1	0.00618	19660	n/a	n/a	25.3	4.6	4	3
93.74min : 2045.036m/z	0.00104	0.05714	0.34	-2.97	1	0.0062	107732	n/a	n/a	2.6	10.2	3	4
62.03min : 819.469m/z	0.00106	0.05714	1.49	1.49	1	0.00626	11408	n/a	n/a	9	6.8	4	3
28.35min : 701.395m/z	0.00107	0.02857	0.65	-1.54	1	0.00627	10392	n/a	n/a	8.7	7.3	4	4
22.69min : 905.455m/z	0.00108	0.02857	1.09	1.09	1	0.00632	166052	n/a	n/a	4.3	4	4	4
87.19min : 1960.918m/z	0.0011	0.05714	0.45	-2.21	1	0.00637	66612	n/a	n/a	11.9	7.8	4	3
51.31min : 416.289m/z	0.0011	0.02857	2.09	2.09	1	0.00637	124836	n/a	n/a	13.7	30.8	4	4
32.64min : 1821.928m/z	0.00111	0.02857	1.7	1.7	1	0.00638	12372	n/a	n/a	10.6	9	4	4
42.52min : 689.375m/z	0.00112	0.02857	0.54	-1.84	1	0.00638	157024	n/a	n/a	14.3	10.5	4	4
82.98min : 1661.953m/z	0.00113	0.05714	0.57	-1.75	1	0.00642	32136	n/a	n/a	13.7	6.2	4	3
56.68min : 1916.014m/z	0.00114	0.05714	2.3	2.3	1	0.00642	10272	n/a	n/a	3.3	16.8	4	3
33.48min : 909.508m/z	0.00116	0.02857	1.37	1.37	1	0.00651	158680	n/a	n/a	8.6	8.5	4	4
66.00min : 1554.657m/z	0.00117	0.1	0.24	-4.16	1	0.00651	29116	n/a	n/a	17.5	9.1	3	3
94.25min : 1615.841m/z	0.00117	0.1	2.41	2.41	1	0.00651	200208	n/a	n/a	6.2	24.2	3	3
30.03min : 1108.560m/z	0.00119	0.02857	0.68	-1.47	1	0.00655	42816	n/a	n/a	8.9	5.6	4	4
58.11min : 1416.764m/z	0.0012	0.02857	1.19	1.19	1	0.00659	11064	n/a	n/a	6	4.8	4	4
26.21min : 983.474m/z	0.00121	0.05714	0.57	-1.76	1	0.00659	16340	n/a	n/a	1.6	6.7	3	4
51.36min : 1599.985m/z	0.00125	0.05714	2.57	2.57	1	0.00676	14232	n/a	n/a	11.7	5.3	4	3
73.92min : 1194.652m/z	0.00126	0.05714	1.26	1.26	1	0.00676	56720	n/a	n/a	4.5	6.6	4	3
46.85min : 607.383m/z	0.00126	0.02857	2.17	2.17	1	0.00676	15788	n/a	n/a	10.7	5	4	4
49.84min : 1724.877m/z	0.00127	0.05714	1.59	1.59	1	0.00676	11948	n/a	n/a	9.7	13	4	3
107.39min : 1572.809m/z	0.00128	0.1	0.41	-2.46	1	0.00677	11448	n/a	n/a	4.6	5.6	3	3

51.71min : 1098.517m/z	0.00128	0.05714	1.63	1.63	1	0.00677	30824	n/a	n/a	6.2	13.2	4	3
74.69min : 1211.678m/z	0.0013	0.05714	1.35	1.35	1	0.00685	96332	n/a	n/a	7.3	3.8	4	3
54.84min : 1052.521m/z	0.00131	0.05714	1.75	1.75	1	0.00687	13800	n/a	n/a	3.4	11.6	4	3
20.61min : 949.550m/z	0.00133	0.02857	0.5	-1.99	1	0.00691	21528	n/a	n/a	13.3	11.8	4	4
66.89min : 1084.639m/z	0.00135	0.05714	1.56	1.56	1	0.007	31528	n/a	n/a	8.6	4	4	3
54.70min : 1508.677m/z	0.00139	0.02857	0.58	-1.73	1	0.00713	11704	n/a	n/a	4.6	8.2	4	4
68.07min : 968.475m/z	0.0014	0.1	0.37	-2.71	1	0.00713	19116	n/a	n/a	4.3	5.6	3	3
34.38min : 991.540m/z	0.0014	0.02857	0.77	-1.31	1	0.00713	10584	n/a	n/a	2.3	4	4	4
57.42min : 1946.024m/z	0.00142	0.05714	1.63	1.63	1	0.00721	12564	n/a	n/a	7.4	14.3	4	3
87.70min : 1241.717m/z	0.00144	0.04975	1.34	1.34	1	0.00722	374868	n/a	n/a	1	4.3	4	3
65.97min : 1697.873m/z	0.00144	0.05714	1.39	1.39	1	0.00722	10668	n/a	n/a	6.9	2.4	4	3
55.23min : 1978.044m/z	0.00149	0.1	0.52	-1.91	1	0.00743	15170	n/a	n/a	7.2	6.6	3	3
25.53min : 2396.977m/z	0.00153	0.02857	2.32	2.32	1	0.00756	31768	n/a	n/a	16.8	32.6	4	4
49.52min : 1478.526m/z	0.00153	0.02857	1.5	1.5	1	0.00756	11724	n/a	n/a	6.5	17.5	4	4
73.68min : 952.622m/z	0.00154	0.05714	0.67	-1.5	1	0.00757	5060	n/a	n/a	6.9	5.1	4	3
30.74min : 856.564m/z	0.00157	0.02857	1.36	1.36	1	0.00771	32636	n/a	n/a	8.7	11.9	4	4
89.69min : 1961.880m/z	0.00159	0.1	0.33	-3	1	0.00775	14628	n/a	n/a	6.1	6.6	3	3
26.68min : 977.539m/z	0.00168	0.1	0.62	-1.62	1	0.00815	9188	n/a	n/a	7.3	2.8	3	3
94.61min : 2829.281m/z	0.0017	0.1	1.23	1.23	1	0.00821	14780	n/a	n/a	3.8	6	3	3
84.33min : 3000.409m/z	0.00173	0.05714	1.59	1.59	1	0.0083	75316	n/a	n/a	9.7	4.8	4	3
34.46min : 898.486m/z	0.00175	0.0294	0.68	-1.46	1	0.0083	429008	n/a	n/a	5.6	7	4	4
91.07min : 870.429m/z	0.00175	0.05714	0.43	-2.34	1	0.0083	18556	n/a	n/a	12.9	8.8	4	3
72.36min : 1212.687m/z	0.00175	0.05714	1.44	1.44	1	0.0083	23116	n/a	n/a	6.9	0.6	4	3
48.01min : 1647.834m/z	0.00181	0.02857	0.83	-1.2	1	0.00851	15436	n/a	n/a	2.3	2.5	4	4
63.39min : 1050.554m/z	0.00182	0.05714	1.58	1.58	1	0.00855	19708	n/a	n/a	10.6	6.8	4	3
64.20min : 1342.716m/z	0.00184	0.05714	1.21	1.21	1	0.00855	35504	n/a	n/a	6.4	3.7	4	3
84.31min : 2150.061m/z	0.00185	0.05714	1.26	1.26	1	0.00855	89732	n/a	n/a	6.6	7.4	4	3
86.38min : 1341.724m/z	0.00185	0.05714	0.69	-1.45	1	0.00855	24900	n/a	n/a	8.8	3.7	4	3
67.73min : 1445.731m/z	0.00197	0.05714	0.59	-1.7	1	0.00907	8564	n/a	n/a	5.7	5.8	4	3
67.80min : 843.544m/z	0.00201	0.05714	0.51	-1.95	1	0.00921	64552	n/a	n/a	1.8	4.1	4	3
52.39min : 1441.678m/z	0.00207	0.02857	0.68	-1.48	1	0.00943	6056	n/a	n/a	7.8	1.4	4	4
41.45min : 573.398m/z	0.00211	0.02857	1.72	1.72	1	0.00958	12752	n/a	n/a	10.1	3.7	4	4

65.55min : 912.591m/z	0.00215	0.05714	0.71	-1.41	1	0.00972	39116	n/a	n/a	8.1	3	4	3
83.41min : 1316.640m/z	0.00218	0.05714	0.53	-1.88	1	0.00982	10232	n/a	n/a	10.7	8	4	3
47.92min : 918.354m/z	0.0022	0.02857	0.77	-1.3	1	0.00983	22096	n/a	n/a	5.6	4.1	4	4
25.46min : 1632.825m/z	0.00224	0.02857	1.51	1.51	1	0.00997	32216	n/a	n/a	11.8	15.2	4	4
56.02min : 444.295m/z	0.00225	0.02857	0.52	-1.93	1	0.00997	55364	n/a	n/a	9.7	11.9	4	4
45.78min : 1481.593m/z	0.00226	0.02857	0.53	-1.9	1	0.00999	51544	n/a	n/a	9	11.6	4	4
56.70min : 501.316m/z	0.00228	0.02857	1.4	1.4	1	0.01001	49952	n/a	n/a	3.4	13.9	4	4
61.30min : 1301.641m/z	0.00232	0.02857	1.22	1.22	1	0.01015	112712	n/a	n/a	5.9	10	4	4
74.54min : 1314.744m/z	0.00239	0.1	0.55	-1.81	1	0.01043	5688	n/a	n/a	1.7	4.2	3	3
74.24min : 1487.706m/z	0.0024	0.05714	1.6	1.6	1	0.01043	107332	n/a	n/a	6.3	14.5	4	3
85.87min : 1950.065m/z	0.00242	0.05714	1.21	1.21	1	0.01046	18168	n/a	n/a	4.6	6.7	4	3
53.93min : 588.373m/z	0.00246	0.02857	1.8	1.8	1	0.01058	52528	n/a	n/a	15	23.6	4	4
71.41min : 1677.890m/z	0.0025	0.05714	0.53	-1.88	1	0.01073	40336	n/a	n/a	4.3	5.7	4	3
90.48min : 1672.830m/z	0.00263	0.05714	1.66	1.66	1	0.01123	21960	n/a	n/a	12.9	10.4	4	3
83.47min : 1287.691m/z	0.00269	0.05714	1.21	1.21	1	0.01142	101472	n/a	n/a	6.2	2.1	4	3
37.95min : 810.385m/z	0.00277	0.02857	1.48	1.48	1	0.01173	24168	n/a	n/a	11.2	17.8	4	4
38.56min : 1495.780m/z	0.0028	0.05714	1.62	1.62	1	0.01181	10912	n/a	n/a	10	17	4	3
50.56min : 1516.707m/z	0.00286	0.02857	0.41	-2.42	1	0.01195	19700	n/a	n/a	11.6	14.8	4	4
70.53min : 2026.956m/z	0.00286	0.05714	1.3	1.3	1	0.01195	9853	n/a	n/a	8.3	4.2	4	3
70.54min : 1532.840m/z	0.00287	0.05714	3.71	3.71	1	0.01195	113072	n/a	n/a	17.5	9.1	4	3
47.92min : 311.140m/z	0.00291	0.05714	0.13	-7.69	1	0.01205	26412	n/a	n/a	7.9	19.3	3	4
96.17min : 1500.653m/z	0.00296	0.1	0.44	-2.26	1	0.01214	18172	n/a	n/a	15.3	10.2	3	3
83.48min : 1236.640m/z	0.00296	0.05714	1.26	1.26	1	0.01214	14284	n/a	n/a	5.1	8.2	4	3
41.27min : 1001.576m/z	0.00298	0.05714	1.49	1.49	1	0.01219	145984	n/a	n/a	7.4	8.2	3	4
29.66min : 914.461m/z	0.00314	0.02857	0.56	-1.8	1	0.01279	9484	n/a	n/a	13.1	12.6	4	4
26.23min : 1216.632m/z	0.00316	0.02857	0.5	-2	1	0.01284	8908	n/a	n/a	4.5	11.4	4	4
37.79min : 1120.604m/z	0.00321	0.02857	1.3	1.3	1	0.01294	184980	n/a	n/a	9.4	7.5	4	4
75.22min : 908.502m/z	0.00322	0.1	0.76	-1.32	1	0.01294	11644	n/a	n/a	4.2	2.8	3	3
26.58min : 1120.614m/z	0.00325	0.02857	1.15	1.15	1	0.01301	7884	n/a	n/a	6.5	4.8	4	4
48.49min : 906.436m/z	0.00327	0.02857	1.78	1.78	1	0.01305	14736	n/a	n/a	13	30.2	4	4
68.26min : 1330.654m/z	0.0033	0.05714	1.3	1.3	1	0.01314	155384	n/a	n/a	8.3	9.4	4	3
84.11min : 2715.186m/z	0.00333	0.05714	1.39	1.39	1	0.01317	20832	n/a	n/a	10.5	8.1	4	3

51.34min : 998.466m/z	0.00334	0.02857	1.11	1.11	1	0.01317	16304	n/a	n/a	4.3	6.9	4	4
41.22min : 1138.501m/z	0.00338	0.02857	0.4	-2.51	1	0.01327	150556	n/a	n/a	6	14.1	4	4
58.82min : 1007.505m/z	0.00342	0.02857	1.16	1.16	1	0.01337	134064	n/a	n/a	5.2	8.8	4	4
62.30min : 692.341m/z	0.00343	0.02857	0.56	-1.78	1	0.01337	123708	n/a	n/a	11	12.4	4	4
52.30min : 1062.633m/z	0.00348	0.05714	1.17	1.17	1	0.01348	15168	n/a	n/a	6.3	6.3	4	3
36.49min : 940.488m/z	0.00349	0.02857	1.1	1.1	1	0.01348	36352	n/a	n/a	5.6	4	4	4
64.30min : 1689.819m/z	0.00362	0.05714	1.07	1.07	1	0.01394	8424	n/a	n/a	4.5	2.7	4	3
89.21min : 1437.898m/z	0.0037	0.05714	0.7	-1.43	1	0.01421	6004	n/a	n/a	9.1	2.3	4	3
73.63min : 1292.632m/z	0.00382	0.05714	0.55	-1.8	1	0.01457	88624	n/a	n/a	6.7	7.3	4	3
53.94min : 1342.714m/z	0.00383	0.02857	1.21	1.21	1	0.01457	13904	n/a	n/a	8.2	6.6	4	4
71.40min : 1621.932m/z	0.00387	0.05714	0.61	-1.65	1	0.01461	18572	n/a	n/a	14.8	7.6	4	3
49.44min : 1249.626m/z	0.00388	0.02857	0.48	-2.08	1	0.01461	149432	n/a	n/a	15.5	15.5	4	4
57.38min : 1093.530m/z	0.00389	0.02857	0.46	-2.2	1	0.01461	30108	n/a	n/a	4.8	13.1	4	4
38.95min : 689.331m/z	0.00389	0.02857	0.14	-7.19	1	0.01461	239080	n/a	n/a	18.6	21.6	4	4
28.88min : 880.430m/z	0.00397	0.02857	1.13	1.13	1	0.01479	9852	n/a	n/a	6.5	6.1	4	4
63.64min : 941.618m/z	0.00397	0.05714	0.48	-2.09	1	0.01479	60256	n/a	n/a	9.2	8.8	4	3
39.35min : 1034.529m/z	0.00412	0.05714	1.32	1.32	1	0.01516	16656	n/a	n/a	9.8	9.2	4	3
40.00min : 1150.617m/z	0.00412	0.02857	1.54	1.54	1	0.01516	14936	n/a	n/a	12.3	7.5	4	4
23.36min : 1017.572m/z	0.00412	0.02857	1.4	1.4	1	0.01516	57116	n/a	n/a	10.4	5.7	4	4
72.21min : 1508.632m/z	0.00416	0.05714	0.55	-1.81	1	0.01525	41448	n/a	n/a	5.3	6.8	4	3
71.40min : 1639.943m/z	0.00425	0.05714	0.56	-1.79	1	0.01549	161152	n/a	n/a	19.8	8.6	4	3
54.26min : 952.513m/z	0.00426	0.05714	1.13	1.13	1	0.01549	66708	n/a	n/a	4.5	7.1	3	4
88.23min : 829.530m/z	0.00427	0.05714	1.86	1.86	1	0.01549	15160	n/a	n/a	15.8	11.1	4	3
60.78min : 1901.874m/z	0.00437	0.02857	0.28	-3.62	1	0.01578	22631	n/a	n/a	6.4	18.3	4	4
55.08min : 1573.705m/z	0.00438	0.1	1.53	1.53	1	0.01579	10048	n/a	n/a	8.1	7.4	3	3
37.35min : 1728.895m/z	0.00445	0.1	1.24	1.24	1	0.01593	10220	n/a	n/a	5.5	4.4	3	3
59.12min : 1613.739m/z	0.00446	0.05714	0.68	-1.46	1	0.01593	13768	n/a	n/a	8.2	5.3	3	4
26.95min : 1287.668m/z	0.00447	0.02857	1.23	1.23	1	0.01593	9848	n/a	n/a	8.3	4.7	4	4
57.03min : 510.330m/z	0.0045	0.02857	1.17	1.17	1	0.01597	23912	n/a	n/a	1.7	8	4	4
53.18min : 780.475m/z	0.0046	0.0294	1.05	1.05	1	0.01628	12232	n/a	n/a	3.7	5.2	4	4
48.90min : 1197.723m/z	0.00466	0.02857	0.75	-1.34	1	0.01643	10444	n/a	n/a	5.9	6.4	4	4
81.83min : 1083.680m/z	0.00479	0.05714	0.83	-1.21	1	0.01683	10736	n/a	n/a	2.2	2.3	4	3

63.47min : 2317.113m/z	0.00486	0.05714	1.68	1.68	1	0.01699	20444	n/a	n/a	3.3	14.5	4	3
40.07min : 1014.399m/z	0.00493	0.02857	0.53	-1.87	1	0.0172	54324	n/a	n/a	18.1	14.8	4	4
87.55min : 1278.587m/z	0.00495	0.05714	0.57	-1.75	1	0.0172	69220	n/a	n/a	2	5.2	4	3
56.15min : 1314.668m/z	0.00497	0.05714	1.24	1.24	1	0.0172	14756	n/a	n/a	7.4	8.9	4	3
89.56min : 1729.851m/z	0.00498	0.05714	1.29	1.29	1	0.0172	16128	n/a	n/a	8.7	2.8	4	3
57.31min : 1358.749m/z	0.00502	0.02857	1.36	1.36	1	0.01728	15016	n/a	n/a	11.7	13.8	4	4
32.88min : 1011.572m/z	0.00506	0.02857	1.33	1.33	1	0.01728	67724	n/a	n/a	9.1	2.9	4	4
65.28min : 941.491m/z	0.00506	0.05714	0.55	-1.81	1	0.01728	223816	n/a	n/a	7.3	8	4	3
58.20min : 1927.803m/z	0.00513	0.02857	0.35	-2.88	1	0.01742	49896	n/a	n/a	9.2	17.9	4	4
79.14min : 1348.726m/z	0.00514	0.05714	0.59	-1.7	1	0.01742	266136	n/a	n/a	10.5	8.7	4	3
47.20min : 944.526m/z	0.00516	0.02857	1.18	1.18	1	0.01743	65420	n/a	n/a	4.2	10.2	4	4
57.13min : 966.576m/z	0.00536	0.02857	0.73	-1.37	1	0.01805	47596	n/a	n/a	6	7.3	4	4
22.70min : 1165.588m/z	0.00542	0.02857	0.79	-1.27	1	0.01815	8236	n/a	n/a	3.5	5.1	4	4
72.79min : 478.278m/z	0.00542	0.05714	1.13	1.13	1	0.01815	87716	n/a	n/a	5.9	1.7	4	3
81.43min : 1419.699m/z	0.00552	0.05714	0.6	-1.68	1	0.0184	277600	n/a	n/a	17.1	3.2	4	3
70.53min : 1718.887m/z	0.0056	0.05714	1.33	1.33	1	0.01862	115900	n/a	n/a	11.1	8.2	4	3
33.26min : 1802.915m/z	0.00571	0.02857	1.27	1.27	1	0.01893	16588	n/a	n/a	9.5	13.1	4	4
70.52min : 1309.685m/z	0.00583	0.05714	0.73	-1.38	1	0.01921	20144	n/a	n/a	6	5.4	4	3
78.98min : 1880.926m/z	0.00584	0.05714	0.34	-2.92	1	0.01921	43920	n/a	n/a	14.5	12	4	3
51.67min : 960.438m/z	0.00586	0.02857	0.45	-2.23	1	0.01924	38184	n/a	n/a	16.1	17.8	4	4
21.90min : 774.437m/z	0.00618	0.02857	1.71	1.71	1	0.0202	17356	n/a	n/a	16.8	27.8	4	4
49.20min : 706.427m/z	0.00639	0.05714	1.03	1.03	1	0.02083	10736	n/a	n/a	2.9	3.8	3	4
71.03min : 476.308m/z	0.00645	0.05714	0.73	-1.38	1	0.02096	48352	n/a	n/a	9	2.4	4	3
88.89min : 1562.814m/z	0.00648	0.05714	0.65	-1.53	1	0.02097	11452	n/a	n/a	13	2.2	4	3
60.18min : 2110.066m/z	0.00651	0.05714	1.5	1.5	1	0.02102	29404	n/a	n/a	14.3	12.7	4	3
30.14min : 1060.531m/z	0.00655	0.02857	0.49	-2.05	1	0.02107	16008	n/a	n/a	8.4	15.4	4	4
67.40min : 1067.623m/z	0.00657	0.1	0.59	-1.69	1	0.02107	9904	n/a	n/a	11.4	3.2	3	3
52.55min : 2701.321m/z	0.00666	0.02857	0.74	-1.36	1	0.02128	11924	n/a	n/a	8.3	6.9	4	4
80.91min : 2415.213m/z	0.00676	0.05714	1.7	1.7	1	0.02153	86976	n/a	n/a	14.6	4.7	4	3
58.64min : 1057.405m/z	0.00685	0.05714	0.71	-1.41	1	0.02174	11368	n/a	n/a	7.9	6.9	3	4
84.98min : 2100.928m/z	0.00687	0.05714	0.38	-2.63	1	0.02174	12232	n/a	n/a	4.8	9.3	4	3
108.91min : 1494.806m/z	0.00692	0.02857	1.1	1.1	1	0.02184	26648	n/a	n/a	3.6	7.6	4	4

35.02min : 1528.577m/z	0.00698	0.02857	0.58	-1.73	1	0.02196	8296	n/a	n/a	21.8	11.4	4	4
46.39min : 1166.511m/z	0.00716	0.02857	0.82	-1.22	1	0.0224	10580	n/a	n/a	4.3	2.5	4	4
61.13min : 1068.535m/z	0.00718	0.05714	1.63	1.63	1	0.0224	10712	n/a	n/a	5.2	17.7	4	3
56.99min : 2277.086m/z	0.00723	0.02857	1.3	1.3	1	0.0224	42884	n/a	n/a	6.3	16.4	4	4
68.02min : 927.497m/z	0.00724	0.05714	0.62	-1.61	1	0.0224	106756	n/a	n/a	14.8	8.8	4	3
33.55min : 955.459m/z	0.00725	0.02857	0.79	-1.26	1	0.0224	22912	n/a	n/a	4.7	5	4	4
66.81min : 2247.948m/z	0.00726	0.05714	0.41	-2.43	1	0.0224	37796	n/a	n/a	6.5	9.8	4	3
85.01min : 2062.982m/z	0.00735	0.05714	0.53	-1.89	1	0.02263	144604	n/a	n/a	4.8	8	4	3
46.58min : 827.420m/z	0.00746	0.02857	0.42	-2.36	1	0.02286	32644	n/a	n/a	20.5	20.3	4	4
51.63min : 1214.581m/z	0.0075	0.02857	1.13	1.13	1	0.02286	232500	n/a	n/a	2.6	8.5	4	4
62.31min : 1874.987m/z	0.0075	0.02857	1.14	1.14	1	0.02286	10673	n/a	n/a	2.2	8.6	4	4
19.82min : 1088.597m/z	0.00755	0.02857	0.69	-1.46	1	0.02292	16748	n/a	n/a	8.6	9.9	4	4
84.38min : 1515.762m/z	0.00756	0.1	0.42	-2.38	1	0.02292	8011	n/a	n/a	20	1.9	3	3
37.14min : 1088.536m/z	0.0076	0.05714	0.41	-2.42	1	0.02295	23248	n/a	n/a	9.6	18.7	3	4
108.95min : 1666.850m/z	0.00814	0.02857	1.43	1.43	1	0.02453	24880	n/a	n/a	6.3	21.7	4	4
56.97min : 856.529m/z	0.00821	0.02857	0.77	-1.3	1	0.02462	82124	n/a	n/a	6.3	6	4	4
112.67min : 1582.920m/z	0.00822	0.05714	0.49	-2.03	1	0.02462	39756	n/a	n/a	28.7	2.6	4	3
32.27min : 1385.678m/z	0.00835	0.05714	0.74	-1.35	1	0.02493	6784	n/a	n/a	6.8	5.9	3	4
41.78min : 1133.430m/z	0.00851	0.05714	0.43	-2.32	1	0.02533	17388	n/a	n/a	7.2	10.4	4	3
71.98min : 1337.630m/z	0.00866	0.05714	1.12	1.12	1	0.0257	41708	n/a	n/a	5	6.7	4	3
75.31min : 1605.830m/z	0.00873	0.05714	1.3	1.3	1	0.02583	10632	n/a	n/a	3.6	10	4	3
52.37min : 869.511m/z	0.00887	0.02857	1.38	1.38	1	0.02615	21532	n/a	n/a	13.1	18.1	4	4
73.61min : 1330.578m/z	0.00891	0.05714	0.64	-1.57	1	0.02621	8428	n/a	n/a	3.3	6.3	4	3
79.15min : 1386.673m/z	0.00895	0.05714	0.65	-1.53	1	0.02623	7060	n/a	n/a	15.6	4.9	4	3
58.93min : 2541.174m/z	0.00911	0.02857	0.15	-6.46	1	0.02662	171168	n/a	n/a	12	27.7	4	4
52.81min : 1627.774m/z	0.00914	0.02857	0.4	-2.47	1	0.02664	13344	n/a	n/a	14.3	20.7	4	4
61.30min : 1146.384m/z	0.00928	0.05714	1.34	1.34	1	0.02697	7860	n/a	n/a	12.5	6.8	4	3
70.54min : 1756.836m/z	0.00934	0.05714	1.08	1.08	1	0.02706	20708	n/a	n/a	5.4	0.9	4	3
88.61min : 1879.851m/z	0.00943	0.05714	0.13	-8	1	0.02726	205124	n/a	n/a	4	14.7	4	3
72.21min : 1524.600m/z	0.00947	0.1	0.54	-1.86	1	0.02728	18488	n/a	n/a	11.8	11.2	3	3
55.88min : 1502.617m/z	0.0095	0.02857	0.3	-3.35	1	0.0273	65204	n/a	n/a	7.2	23	4	4
21.15min : 942.540m/z	0.00965	0.05714	1.39	1.39	1	0.02763	7684	n/a	n/a	13.9	10.6	4	3

63.23min : 1734.733m/z	0.00975	0.02857	1.81	1.81	1	0.02784	29160	n/a	n/a	19.4	14.5	4	4
87.14min : 1489.739m/z	0.00996	0.05714	0.55	-1.81	1	0.02837	13648	n/a	n/a	2.7	7.6	4	3
94.64min : 2791.335m/z	0.01009	0.1	1.89	1.89	1	0.02865	75416	n/a	n/a	10.1	30.5	3	3
72.73min : 2019.975m/z	0.01018	0.05714	0.47	-2.11	1	0.02882	130996	n/a	n/a	2.3	8.8	4	3
84.33min : 3038.356m/z	0.01038	0.05714	1.3	1.3	1	0.02933	11708	n/a	n/a	10.3	0.6	4	3
60.65min : 1164.575m/z	0.01042	0.05714	0.52	-1.93	1	0.02933	22624	n/a	n/a	5.3	16	3	4
36.90min : 1568.741m/z	0.01105	0.05714	1.22	1.22	1	0.03096	8752	n/a	n/a	6.4	10.4	4	3
35.33min : 1432.657m/z	0.01108	0.02857	0.48	-2.07	1	0.03096	36024	n/a	n/a	10.5	18.5	4	4
45.04min : 1045.567m/z	0.01109	0.02857	0.64	-1.56	1	0.03096	33608	n/a	n/a	5.8	11.9	4	4
43.68min : 494.274m/z	0.0113	0.02857	1.37	1.37	1	0.03145	65944	n/a	n/a	8.7	21.5	4	4
55.45min : 1384.691m/z	0.01133	0.1	0.58	-1.72	1	0.03146	10936	n/a	n/a	4.3	8.4	3	3
59.14min : 1667.809m/z	0.01146	0.05714	1.2	1.2	1	0.03172	9572	n/a	n/a	8.9	12.9	4	4
47.21min : 1647.757m/z	0.01154	0.05714	0.68	-1.48	1	0.03185	7656	n/a	n/a	13.2	7.7	4	3
51.68min : 1691.730m/z	0.01158	0.02857	1.37	1.37	1	0.03185	34640	n/a	n/a	11.5	21.5	4	4
63.24min : 1437.706m/z	0.0116	0.02857	0.67	-1.49	1	0.03185	15248	n/a	n/a	2.9	10.2	4	4
80.97min : 1530.798m/z	0.01174	0.05714	0.61	-1.64	1	0.03215	59068	n/a	n/a	5.8	8.5	4	3
91.64min : 1229.603m/z	0.01185	0.05714	1.22	1.22	1	0.03237	86460	n/a	n/a	10.1	3.9	4	3
25.91min : 902.468m/z	0.01226	0.02857	0.68	-1.46	1	0.0333	18192	n/a	n/a	3.3	10	4	4
53.51min : 1036.654m/z	0.01226	0.05714	0.78	-1.28	1	0.0333	13932	n/a	n/a	7.2	5.4	4	4
85.74min : 984.623m/z	0.01232	0.05714	0.61	-1.64	1	0.03337	11000	n/a	n/a	7.4	9.2	4	3
61.90min : 891.427m/z	0.01243	0.05714	1.71	1.71	1	0.03357	21124	n/a	n/a	18.1	6	4	3
49.27min : 1136.682m/z	0.01262	0.02857	1.14	1.14	1	0.03399	27544	n/a	n/a	8.5	4	4	4
70.50min : 1563.854m/z	0.01268	0.05714	1.08	1.08	1	0.03408	30336	n/a	n/a	6	0.7	4	3
57.80min : 1206.677m/z	0.01285	0.02857	0.77	-1.29	1	0.03444	59596	n/a	n/a	7.6	2	4	4
84.08min : 1621.827m/z	0.01294	0.1	0.55	-1.8	1	0.03459	9545	n/a	n/a	2.3	8.4	3	3
44.74min : 686.401m/z	0.01331	0.02857	0.69	-1.44	1	0.03546	21156	n/a	n/a	5.3	10.4	4	4
49.86min : 416.288m/z	0.01337	0.02857	1.46	1.46	1	0.03553	33576	n/a	n/a	11.9	26.9	4	4
31.74min : 868.484m/z	0.0136	0.05714	0.76	-1.31	1	0.03604	12028	n/a	n/a	6.5	6.3	3	4
32.85min : 1341.679m/z	0.01365	0.02857	0.54	-1.84	1	0.0361	17408	n/a	n/a	7.1	16.7	4	4
26.07min : 806.410m/z	0.01385	0.02857	1.73	1.73	1	0.03651	18060	n/a	n/a	19.6	10.2	4	4
94.63min : 1756.968m/z	0.01389	0.1	1.26	1.26	1	0.03652	53708	n/a	n/a	8.6	8.3	3	3
54.69min : 1163.609m/z	0.01417	0.02857	1.15	1.15	1	0.0371	88012	n/a	n/a	1.5	10.4	4	4

37.84min : 1693.872m/z	0.01418	0.05714	0.53	-1.87	1	0.0371	13560	n/a	n/a	5.7	17.1	3	4
52.07min : 1104.419m/z	0.0143	0.02857	0.51	-1.95	1	0.0373	18244	n/a	n/a	8.7	18.4	4	4
59.91min : 944.534m/z	0.01476	0.02857	0.76	-1.31	1	0.03842	29040	n/a	n/a	7.4	7.5	4	4
35.80min : 1039.529m/z	0.01506	0.1	1.18	1.18	1	0.03907	11432	n/a	n/a	3.9	9.2	3	3
72.66min : 1772.767m/z	0.01528	0.1	0.63	-1.6	1	0.03956	6408	n/a	n/a	1.4	7.1	3	3
69.62min : 1824.948m/z	0.01558	0.05714	0.71	-1.4	1	0.0399	24040	n/a	n/a	1.5	5.2	4	3
66.07min : 1458.726m/z	0.01558	0.05714	0.74	-1.35	1	0.0399	11452	n/a	n/a	2.8	5.3	4	3
90.62min : 1226.610m/z	0.01559	0.05714	0.69	-1.46	1	0.0399	53756	n/a	n/a	2	6	4	3
59.25min : 1640.803m/z	0.01561	0.02857	0.59	-1.71	1	0.0399	6800	n/a	n/a	4.9	15.1	4	4
74.90min : 1649.799m/z	0.01562	0.05714	1.36	1.36	1	0.0399	41596	n/a	n/a	11.2	17	4	3
63.83min : 658.390m/z	0.01578	0.05714	1.34	1.34	1	0.04021	107136	n/a	n/a	13.6	14.3	4	3
65.54min : 1488.671m/z	0.01604	0.05714	1.22	1.22	1	0.04077	37532	n/a	n/a	9.4	11.4	4	3
69.27min : 1359.712m/z	0.01644	0.05714	1.09	1.09	1	0.04168	34908	n/a	n/a	4	6.4	4	3
69.25min : 1015.580m/z	0.01656	0.05714	1.72	1.72	1	0.04189	86544	n/a	n/a	11.6	29.9	4	3
60.21min : 694.351m/z	0.01676	0.02857	0.57	-1.75	1	0.04229	16360	n/a	n/a	6.1	16.4	4	4
48.30min : 446.092m/z	0.01698	0.05714	0.7	-1.43	1	0.04256	11128	n/a	n/a	12.6	10.7	4	4
54.45min : 730.448m/z	0.01699	0.02857	1.89	1.89	1	0.04256	74468	n/a	n/a	10	50	4	4
49.48min : 1287.572m/z	0.017	0.05714	0.45	-2.23	1	0.04256	14940	n/a	n/a	24.1	24.1	3	4
29.88min : 1121.598m/z	0.01749	0.04975	1.04	1.04	1	0.04367	11240	n/a	n/a	0.4	5.7	3	4
72.16min : 1031.559m/z	0.01755	0.05714	0.8	-1.25	1	0.04367	72152	n/a	n/a	4.8	4.5	4	3
48.32min : 468.074m/z	0.01757	0.02857	0.66	-1.52	1	0.04367	16236	n/a	n/a	14.9	13.3	4	4
43.16min : 720.405m/z	0.01794	0.05714	0.44	-2.27	1	0.04446	11236	n/a	n/a	1.7	22	3	4
39.34min : 1476.657m/z	0.01836	0.02857	0.56	-1.79	1	0.04539	18184	n/a	n/a	7.3	17.6	4	4
47.19min : 3070.592m/z	0.01847	0.1	1.57	1.57	1	0.04556	11156	n/a	n/a	12	24.3	3	3
29.73min : 1071.521m/z	0.01874	0.02857	1.12	1.12	1	0.04612	17660	n/a	n/a	4.9	11.2	4	4
57.32min : 1190.645m/z	0.01896	0.02857	1.15	1.15	1	0.04654	24428	n/a	n/a	2.1	11.9	4	4
63.82min : 1909.980m/z	0.01914	0.05714	1.17	1.17	1	0.04686	16444	n/a	n/a	9.7	2.2	4	3
28.55min : 906.471m/z	0.01928	0.02857	0.54	-1.86	1	0.04708	42408	n/a	n/a	11.7	19.6	4	4
31.44min : 837.533m/z	0.01952	0.02857	0.74	-1.36	1	0.04755	13392	n/a	n/a	10.7	8.7	4	4
57.63min : 1822.928m/z	0.01965	0.02857	1.29	1.29	1	0.04767	81956	n/a	n/a	3.1	19	4	4
50.52min : 719.376m/z	0.0197	0.05714	0.69	-1.44	1	0.04767	7828	n/a	n/a	12	8.9	4	3
63.16min : 1772.682m/z	0.01971	0.1	1.42	1.42	1	0.04767	7124	n/a	n/a	11.9	17.5	3	3

49.72min : 327.203m/z	0.02014	0.02857	0.73	-1.38	1	0.04858	52596	n/a	n/a	11.8	9.3	4	4
72.83min : 1262.645m/z	0.02029	0.1	1	1	1	0.04866	19804	n/a	n/a	2.3	3.5	3	3
66.90min : 1296.713m/z	0.02031	0.05714	0.79	-1.26	1	0.04866	11564	n/a	n/a	7.8	3.1	4	3
64.80min : 1025.615m/z	0.02032	0.05714	1.1	1.1	1	0.04866	290596	n/a	n/a	7.5	0.7	4	3
68.81min : 1887.988m/z	0.02065	0.05714	1.22	1.22	1	0.04934	28624	n/a	n/a	7.4	12.6	4	3
48.92min : 1118.583m/z	0.02071	0.02857	0.78	-1.28	1	0.04936	15596	n/a	n/a	8.7	4.8	4	4
83.77min : 2191.015m/z	0.02099	0.05714	1.18	1.18	1	0.04992	11964	n/a	n/a	11	3.9	4	3
23.64min : 1168.599m/z	0.0211	0.02857	0.69	-1.45	1	0.05007	17404	n/a	n/a	8.6	12.4	4	4
53.20min : 1998.041m/z	0.0212	0.05714	1.11	1.11	1	0.05017	8852	n/a	n/a	9.1	5.3	4	4
47.43min : 1756.927m/z	0.02172	0.05714	1.06	1.06	1	0.05128	8828	n/a	n/a	5.2	5.9	4	3
77.00min : 1732.748m/z	0.02248	0.1	0.73	-1.38	1	0.05296	8033	n/a	n/a	2.3	6.3	3	3
62.90min : 983.493m/z	0.02296	0.05714	1.17	1.17	1	0.05395	21260	n/a	n/a	7.2	10.9	4	3
73.93min : 1815.876m/z	0.02322	0.05714	1.09	1.09	1	0.05444	32668	n/a	n/a	8	6.5	4	3
28.85min : 847.508m/z	0.02433	0.02857	0.62	-1.61	1	0.05676	303876	n/a	n/a	11.3	16.9	4	4
41.00min : 652.295m/z	0.02435	0.02857	0.35	-2.87	1	0.05676	54024	n/a	n/a	16.2	30.4	4	4
73.07min : 1677.809m/z	0.02438	0.05714	0.68	-1.47	1	0.05676	8720	n/a	n/a	7.2	9.3	4	3
71.95min : 2264.148m/z	0.02458	0.1	0.71	-1.4	1	0.05709	5264	n/a	n/a	9.2	2.4	3	3
69.29min : 1970.806m/z	0.02492	0.05714	0.31	-3.22	1	0.05775	27232	n/a	n/a	8.2	19	4	3
53.41min : 487.325m/z	0.02534	0.05714	1.24	1.24	1	0.05858	11804	n/a	n/a	13.7	14.2	4	4
34.07min : 1200.678m/z	0.02563	0.11429	0.46	-2.18	1	0.05893	12104	n/a	n/a	30	26	3	4
86.46min : 2871.584m/z	0.02565	0.05714	1.3	1.3	1	0.05893	12180	n/a	n/a	15.3	5.7	4	3
110.31min : 1517.898m/z	0.02572	0.05714	1.38	1.38	1	0.05893	36064	n/a	n/a	12.3	20.5	4	3
74.19min : 1450.721m/z	0.02573	0.05714	1.19	1.19	1	0.05893	20312	n/a	n/a	6.4	11.8	4	3
109.64min : 1597.841m/z	0.02599	0.05714	1.65	1.65	1	0.05924	42920	n/a	n/a	4.6	26.1	4	3
94.28min : 1517.749m/z	0.02599	0.1	0.61	-1.64	1	0.05924	9980	n/a	n/a	18.5	11.3	3	3
43.99min : 1128.572m/z	0.02632	0.02857	0.81	-1.23	1	0.05986	29816	n/a	n/a	6.3	4.9	4	4
72.65min : 1734.820m/z	0.02639	0.05714	0.66	-1.52	1	0.05989	33556	n/a	n/a	8.8	10.6	4	3
52.75min : 502.326m/z	0.02668	0.02857	1.21	1.21	1	0.06038	323484	n/a	n/a	13.3	7.5	4	4
65.73min : 1305.721m/z	0.02678	0.05714	0.55	-1.82	1	0.06038	468640	n/a	n/a	4.3	12.2	4	3
33.74min : 1694.703m/z	0.02679	0.05714	1.32	1.32	1	0.06038	8556	n/a	n/a	15.1	16.4	4	3
36.16min : 1233.598m/z	0.02733	0.02857	0.62	-1.62	1	0.06146	20280	n/a	n/a	7.1	17	4	4
25.65min : 1068.447m/z	0.02748	0.02857	0.61	-1.64	1	0.06157	216104	n/a	n/a	18.9	18.3	4	4

84.14min : 2699.216m/z	0.0275	0.05714	1.27	1.27	1	0.06157	14088	n/a	n/a	14.2	2.7	4	3
70.03min : 1486.690m/z	0.02815	0.05714	0.67	-1.48	1	0.06287	23344	n/a	n/a	8.7	10.3	4	3
43.35min : 1103.378m/z	0.02832	0.02857	1.2	1.2	1	0.06312	18020	n/a	n/a	13.2	7.9	4	4
51.35min : 1800.845m/z	0.02861	0.02857	0.64	-1.57	1	0.06362	12928	n/a	n/a	7.9	16.5	4	4
90.04min : 2343.170m/z	0.02951	0.05714	0.61	-1.63	1	0.06546	11548	n/a	n/a	3.7	10.7	4	3
30.56min : 894.462m/z	0.02969	0.02857	1.53	1.53	1	0.06573	19940	n/a	n/a	13.7	38.1	4	4
41.21min : 671.816m/z	0.0299	0.1	1.16	1.16	1	0.06605	9568	n/a	n/a	7.5	3.1	3	3
68.81min : 911.490m/z	0.03047	0.05714	1.02	1.02	1	0.06715	13528	n/a	n/a	2.6	4.6	4	3
39.77min : 705.431m/z	0.03064	0.02857	1.11	1.11	1	0.06738	8092	n/a	n/a	6.9	12.3	4	4
108.15min : 1724.839m/z	0.03088	0.05714	1.38	1.38	1	0.06775	74244	n/a	n/a	14.5	21.6	4	3
42.84min : 1435.580m/z	0.03155	0.02857	0.52	-1.91	1	0.06908	8729	n/a	n/a	12.4	23.7	4	4
62.39min : 2573.207m/z	0.03199	0.05714	1.31	1.31	1	0.06989	30420	n/a	n/a	9	18.4	4	3
62.50min : 1826.860m/z	0.03234	0.02857	0.58	-1.72	1	0.07045	49560	n/a	n/a	8.3	20.2	4	4
31.38min : 1281.599m/z	0.03245	0.05714	1.04	1.04	1	0.07045	6620	n/a	n/a	6	5.3	4	3
61.79min : 2184.217m/z	0.03246	0.11429	1.12	1.12	1	0.07045	11460	n/a	n/a	7.8	12.7	4	4
34.09min : 844.508m/z	0.03256	0.02857	0.78	-1.28	1	0.07051	17196	n/a	n/a	5.1	8.5	4	4
34.67min : 1788.848m/z	0.03268	0.05714	1.19	1.19	1	0.07061	11692	n/a	n/a	13.6	9.9	4	4
86.21min : 4173.836m/z	0.0328	0.05714	1.2	1.2	1	0.07071	12312	n/a	n/a	11.4	12.7	4	3
56.62min : 1329.741m/z	0.03319	0.05714	1.01	1.01	1	0.07141	19320	n/a	n/a	3.1	6.3	4	4
41.37min : 1914.944m/z	0.03331	0.02857	0.66	-1.51	1	0.07152	8689	n/a	n/a	6.3	15.5	4	4
76.98min : 1907.059m/z	0.03401	0.11429	1.09	1.09	1	0.07286	27104	n/a	n/a	7.2	8.5	4	3
50.25min : 1134.430m/z	0.03415	0.02857	0.72	-1.4	1	0.07299	13136	n/a	n/a	6.2	12.6	4	4
42.50min : 2230.163m/z	0.03481	0.05714	1.31	1.31	1	0.07414	53564	n/a	n/a	16	22.2	4	4
41.18min : 1505.763m/z	0.03484	0.1	1.3	1.3	1	0.07414	18068	n/a	n/a	12.5	9	3	3
58.95min : 1234.646m/z	0.03491	0.11429	1.17	1.17	1	0.07414	24524	n/a	n/a	8.9	16.6	4	4
35.74min : 911.336m/z	0.03582	0.05714	0.11	-9.23	1	0.07578	78160	n/a	n/a	19.6	48.6	3	4
47.60min : 797.291m/z	0.03583	0.05714	0.74	-1.35	1	0.07578	5756	n/a	n/a	10.7	10.8	4	4
63.68min : 1495.789m/z	0.03665	0.05714	0.72	-1.39	1	0.07736	39272	n/a	n/a	5	8.8	4	3
55.53min : 353.219m/z	0.03687	0.11429	0.73	-1.37	1	0.07765	8436	n/a	n/a	13.6	10.6	4	4
35.02min : 1544.546m/z	0.03771	0.02857	0.64	-1.57	1	0.07924	19268	n/a	n/a	14.1	18.4	4	4
49.01min : 671.446m/z	0.03791	0.02857	0.78	-1.28	1	0.07939	6664	n/a	n/a	10.4	5	4	4
39.80min : 858.457m/z	0.03794	0.05714	1.23	1.23	1	0.07939	7276	n/a	n/a	13.3	18.9	4	4

109.29min : 1567.748m/z	0.03845	0.05714	0.49	-2.03	1	0.0803	150664	n/a	n/a	6.9	17	4	3
43.36min : 1032.598m/z	0.03874	0.02857	0.83	-1.2	1	0.08073	20820	n/a	n/a	5.1	5.2	4	4
89.69min : 1923.929m/z	0.03894	0.05714	0.34	-2.93	1	0.08082	55064	n/a	n/a	9	22.6	4	3
61.53min : 1763.876m/z	0.03895	0.05714	1.05	1.05	1	0.08082	15460	n/a	n/a	8.2	5.3	4	4
73.38min : 1910.775m/z	0.03903	0.05714	0.16	-6.42	1	0.08083	51766	n/a	n/a	19.6	29.7	4	3
66.84min : 1247.634m/z	0.03962	0.05714	1.09	1.09	1	0.08188	99088	n/a	n/a	6	9	4	3
69.98min : 1280.590m/z	0.03976	0.1	0.59	-1.69	1	0.08199	18200	n/a	n/a	14.3	15.8	3	3
90.11min : 1379.762m/z	0.03992	0.05714	1.24	1.24	1	0.08215	226176	n/a	n/a	15	0.3	4	3
88.19min : 308.196m/z	0.04001	0.05714	0.75	-1.33	1	0.08217	6768	n/a	n/a	6.2	8	4	3
70.00min : 1454.709m/z	0.04073	0.05714	0.7	-1.43	1	0.08334	17524	n/a	n/a	9.7	10.8	4	3
93.54min : 2750.302m/z	0.04075	0.05714	1.43	1.43	1	0.08334	12596	n/a	n/a	6	23.5	4	3
39.40min : 551.259m/z	0.04098	0.02857	0.44	-2.25	1	0.08354	65572	n/a	n/a	9.1	30.2	4	4
44.73min : 729.407m/z	0.04113	0.02857	0.7	-1.44	1	0.08354	40204	n/a	n/a	3.9	14.2	4	4
56.40min : 602.363m/z	0.04118	0.05714	0.74	-1.34	1	0.08354	10484	n/a	n/a	1.7	7.1	4	3
56.41min : 848.417m/z	0.04118	0.05714	0.68	-1.46	1	0.08354	30888	n/a	n/a	16	15.1	4	4
83.87min : 2169.074m/z	0.04159	0.05714	0.81	-1.23	1	0.08419	13876	n/a	n/a	4.4	5.1	4	3
40.51min : 1168.671m/z	0.04307	0.1	0.77	-1.3	1	0.087	7928	n/a	n/a	8.1	6.2	3	3
53.47min : 1249.621m/z	0.04315	0.05714	1.18	1.18	1	0.087	45944	n/a	n/a	4.2	18.2	4	4
35.24min : 1052.486m/z	0.04333	0.11429	1.1	1.1	1	0.08719	7784	n/a	n/a	5.7	9.5	4	3
33.75min : 932.472m/z	0.04379	0.02857	0.66	-1.52	1	0.08776	25448	n/a	n/a	7.1	17.3	4	4
65.78min : 1879.808m/z	0.04387	0.05714	0.6	-1.68	1	0.08776	7824	n/a	n/a	4.1	13.6	4	3
18.17min : 1025.529m/z	0.04388	0.05714	1.85	1.85	1	0.08776	18592	n/a	n/a	6	41.6	4	3
31.28min : 658.451m/z	0.0442	0.05714	1.25	1.25	1	0.08821	24708	n/a	n/a	7	23.6	4	4
21.16min : 1093.567m/z	0.04484	0.05714	1.15	1.15	1	0.08932	24752	n/a	n/a	9.9	10.8	3	4
86.02min : 1389.707m/z	0.04512	0.05714	1.1	1.1	1	0.08951	58824	n/a	n/a	2.8	8.8	4	3
46.12min : 742.460m/z	0.04525	0.02857	0.87	-1.15	1	0.08951	16548	n/a	n/a	1	2.9	4	4
77.01min : 1694.801m/z	0.04534	0.11429	0.82	-1.22	1	0.08951	99732	n/a	n/a	5.9	5	4	3
65.54min : 1466.688m/z	0.04538	0.11429	1.13	1.13	1	0.08951	38956	n/a	n/a	8.3	11.6	4	3
61.69min : 1592.774m/z	0.04539	0.05714	0.73	-1.37	1	0.08951	9304	n/a	n/a	15.2	10.3	4	4
81.37min : 1314.745m/z	0.04589	0.05714	1.11	1.11	1	0.09033	20604	n/a	n/a	10.8	1.8	4	3
26.93min : 754.496m/z	0.04606	0.05714	1.07	1.07	1	0.09047	11020	n/a	n/a	9.6	4	4	4
84.28min : 1616.810m/z	0.04635	0.11429	0.79	-1.27	1	0.09087	11092	n/a	n/a	8.3	6.5	4	3

65.41min : 1428.715m/z	0.04747	0.1	0.8	-1.26	1	0.0927	29752	n/a	n/a	4.2	6.2	3	3
68.78min : 747.416m/z	0.04747	0.05714	1.27	1.27	1	0.0927	91916	n/a	n/a	8.1	18.6	4	3
74.58min : 309.182m/z	0.04779	0.05714	0.73	-1.38	1	0.09314	54680	n/a	n/a	5.6	9.5	4	3
72.27min : 1865.931m/z	0.04812	0.05714	1.32	1.32	1	0.09345	15628	n/a	n/a	9	21.6	4	3
37.90min : 1209.522m/z	0.04813	0.11429	0.68	-1.46	1	0.09345	22520	n/a	n/a	17	15.6	4	4
59.77min : 831.494m/z	0.04832	0.05714	0.65	-1.53	1	0.09363	7728	n/a	n/a	4.8	12.2	4	3
40.07min : 500.219m/z	0.04899	0.11429	0.58	-1.72	1	0.09475	14636	n/a	n/a	25.1	21.2	3	4
55.53min : 880.459m/z	0.04919	0.11429	0.61	-1.64	1	0.09495	50904	n/a	n/a	24.2	21.3	4	4
36.80min : 1650.818m/z	0.04932	0.05714	0.75	-1.33	1	0.095	9784	n/a	n/a	8.4	11.5	4	4
65.54min : 1504.637m/z	0.04989	0.05714	1.1	1.1	1	0.09591	11764	n/a	n/a	10.7	2.6	4	3
47.15min : 555.326m/z	0.04999	0.11429	1.21	1.21	1	0.09593	8968	n/a	n/a	14.8	17.1	4	4
72.30min : 1930.007m/z	0.05009	0.05714	1.02	1.02	1	0.09594	7192	n/a	n/a	3.5	5.9	4	3
41.82min : 959.498m/z	0.05063	0.02857	0.73	-1.36	1	0.09679	52044	n/a	n/a	6.2	13.1	4	4
84.32min : 2188.008m/z	0.0508	0.11429	1.07	1.07	1	0.09692	13408	n/a	n/a	9.5	6.7	4	3
65.74min : 1199.568m/z	0.05103	0.1	0.62	-1.63	1	0.09717	41196	n/a	n/a	22.5	5.6	3	3
77.01min : 847.903m/z	0.05147	0.05714	0.7	-1.43	1	0.09782	23924	n/a	n/a	7.9	11.4	4	3
41.33min : 1494.715m/z	0.05228	0.05714	0.66	-1.51	1	0.09916	27100	n/a	n/a	6.3	18.2	4	4
34.51min : 1500.684m/z	0.0524	0.05714	0.61	-1.64	1	0.09922	17024	n/a	n/a	15.9	22.5	4	4
41.43min : 789.448m/z	0.05261	0.1	1.47	1.47	1	0.09926	22740	n/a	n/a	15	29.5	3	3
85.76min : 1497.818m/z	0.05263	0.05714	1.03	1.03	1	0.09926	6268	n/a	n/a	3.2	6.5	4	3
71.26min : 1757.925m/z	0.05284	0.11429	1.24	1.24	1	0.09948	17572	n/a	n/a	16.2	15.4	4	3
54.39min : 635.216m/z	0.05298	0.1	0.74	-1.36	1	0.09956	6404	n/a	n/a	2.8	8.7	3	3
39.01min : 585.337m/z	0.05382	0.05714	0.69	-1.44	1	0.10084	8880	n/a	n/a	5.7	16.1	4	4
36.90min : 960.514m/z	0.05387	0.11429	1.15	1.15	1	0.10084	87820	n/a	n/a	11.2	16.4	4	4
38.96min : 780.417m/z	0.05409	0.05714	0.69	-1.46	1	0.10106	17892	n/a	n/a	16.6	16.3	4	4
40.39min : 868.490m/z	0.05441	0.05714	0.57	-1.74	1	0.10148	29792	n/a	n/a	5	16.2	4	3
33.93min : 1556.800m/z	0.05501	0.05714	0.96	-1.04	1	0.10239	6908	n/a	n/a	2.6	2.8	3	4
65.17min : 1206.661m/z	0.05521	0.05714	0.8	-1.25	1	0.10258	9112	n/a	n/a	3.8	6.4	4	3
72.21min : 1486.652m/z	0.05532	0.05714	0.65	-1.54	1	0.10259	31724	n/a	n/a	7.3	13.7	4	3
40.08min : 499.718m/z	0.05566	0.22857	0.57	-1.77	1	0.10303	27836	n/a	n/a	22.9	25.5	3	4
73.37min : 1190.667m/z	0.05639	0.1	0.73	-1.36	1	0.10407	15316	n/a	n/a	4.1	9.5	3	3
45.78min : 1443.647m/z	0.05643	0.02857	0.73	-1.37	1	0.10407	527724	n/a	n/a	5.4	13.8	4	4

24.19min : 963.424m/z	0.05729	0.11429	1.27	1.27	1	0.10545	33284	n/a	n/a	11.4	27.1	4	4
91.55min : 1598.751m/z	0.05815	0.05714	1.37	1.37	1	0.10685	296252	n/a	n/a	6.2	24.1	4	3
73.58min : 1710.943m/z	0.05859	0.05714	1.2	1.2	1	0.10744	12980	n/a	n/a	5	15.3	4	3
42.61min : 335.110m/z	0.05909	0.11429	0.68	-1.47	1	0.1079	7124	n/a	n/a	16.2	17.5	4	4
94.26min : 1479.800m/z	0.05909	0.1	1.19	1.19	1	0.1079	117224	n/a	n/a	7.1	16	3	3
83.67min : 1771.856m/z	0.05916	0.05714	1.13	1.13	1	0.1079	15308	n/a	n/a	1.2	10.6	4	3
29.68min : 987.549m/z	0.05948	0.11429	1.01	1.01	1	0.10824	11224	n/a	n/a	2.5	7.3	3	4
28.97min : 697.401m/z	0.05957	0.11429	0.76	-1.31	1	0.10824	8096	n/a	n/a	13.4	8	4	4
27.76min : 816.458m/z	0.05989	0.11429	0.59	-1.68	1	0.10863	10696	n/a	n/a	20.9	23.8	3	4
37.03min : 1607.661m/z	0.06012	0.1	1.11	1.11	1	0.10885	5676	n/a	n/a	9.2	5.4	3	3
31.90min : 1095.604m/z	0.06027	0.05714	1.14	1.14	1	0.10893	7904	n/a	n/a	13.1	10.2	4	3
49.72min : 365.158m/z	0.06061	0.11429	0.75	-1.34	1	0.10934	16228	n/a	n/a	9.9	12.8	4	4
42.53min : 432.258m/z	0.06108	0.05714	0.5	-1.99	1	0.10999	80560	n/a	n/a	30.8	32.1	4	4
52.38min : 657.359m/z	0.06233	0.08143	1.16	1.16	1	0.11203	43928	n/a	n/a	15.1	12.5	4	4
49.40min : 2086.973m/z	0.06261	0.11429	0.69	-1.45	1	0.11233	22608	n/a	n/a	5.8	17.3	4	4
40.08min : 305.158m/z	0.06305	0.19127	0.67	-1.5	1	0.11292	115252	n/a	n/a	23.3	16.7	4	4
62.47min : 1537.720m/z	0.06326	0.05714	0.75	-1.33	1	0.1131	17220	n/a	n/a	7	13	4	4
45.75min : 1228.632m/z	0.06347	0.11429	1.07	1.07	1	0.11326	94228	n/a	n/a	8.1	11.4	4	4
41.03min : 1644.802m/z	0.06369	0.05714	0.64	-1.55	1	0.11346	31160	n/a	n/a	15.4	21.4	4	4
90.04min : 749.340m/z	0.06404	0.05714	0.7	-1.43	1	0.11372	20168	n/a	n/a	3.5	11.2	4	3
62.91min : 1691.948m/z	0.06407	0.05714	1.18	1.18	1	0.11372	7092	n/a	n/a	4.9	15.1	4	3
107.60min : 1570.898m/z	0.06443	0.1	0.35	-2.89	1	0.11416	55080	n/a	n/a	2.2	28.7	3	3
90.04min : 1496.669m/z	0.06466	0.05714	0.67	-1.49	1	0.11436	29464	n/a	n/a	6.4	13.4	4	3
46.06min : 1150.672m/z	0.06704	0.05714	0.98	-1.02	1	0.11836	16820	n/a	n/a	2.1	3.7	4	3
59.00min : 901.539m/z	0.06719	0.11429	1.1	1.1	1	0.11841	66316	n/a	n/a	6.7	14.8	4	4
40.07min : 976.453m/z	0.06733	0.05301	0.98	-1.02	1	0.11846	585488	n/a	n/a	5.2	3.1	4	4
63.90min : 1446.694m/z	0.06848	0.05714	0.78	-1.27	1	0.12027	56844	n/a	n/a	4.3	7.7	4	3
50.45min : 1687.808m/z	0.06902	0.1	0.52	-1.92	1	0.121	12591	n/a	n/a	41.5	11.4	3	3
38.15min : 931.476m/z	0.06938	0.11429	1.37	1.37	1	0.12138	41740	n/a	n/a	21.9	24.7	4	3
87.30min : 980.654m/z	0.06948	0.05714	0.83	-1.21	1	0.12138	5592	n/a	n/a	7.9	2.1	4	3
65.19min : 432.282m/z	0.06969	0.05714	0.74	-1.35	1	0.12154	32736	n/a	n/a	16.3	8.6	4	3
35.06min : 1198.527m/z	0.06988	0.11429	1.18	1.18	1	0.12164	176428	n/a	n/a	14.8	18.6	4	4

42.60min : 319.138m/z	0.07031	0.11429	0.65	-1.53	1	0.12218	114576	n/a	n/a	20.4	20.7	4	4
24.11min : 829.444m/z	0.07049	0.1	1.8	1.8	1	0.12228	29288	n/a	n/a	27.1	24.2	3	3
51.01min : 1836.804m/z	0.07158	0.02857	0.54	-1.85	1	0.12395	23524	n/a	n/a	13.7	30.6	4	4
69.58min : 1236.656m/z	0.07219	0.11429	0.72	-1.4	1	0.12479	15136	n/a	n/a	16.9	11.6	4	3
58.00min : 1945.989m/z	0.07268	0.02857	0.8	-1.25	1	0.12513	8188	n/a	n/a	2	9.3	4	4
64.24min : 1332.705m/z	0.0728	0.05714	1.09	1.09	1	0.12513	19724	n/a	n/a	11.5	9.1	4	3
93.77min : 1352.691m/z	0.07287	0.11429	0.7	-1.44	1	0.12513	9112	n/a	n/a	23.2	1.4	4	3
59.17min : 1539.757m/z	0.07289	0.05714	0.79	-1.27	1	0.12513	8580	n/a	n/a	6.8	10.6	4	4
52.75min : 379.137m/z	0.07359	0.11429	0.78	-1.29	1	0.12612	13224	n/a	n/a	11.2	10.3	4	4
44.24min : 1134.571m/z	0.0741	0.11429	1.14	1.14	1	0.12678	39880	n/a	n/a	9.9	18.3	4	4
37.11min : 801.484m/z	0.07643	0.05714	1.18	1.18	1	0.13054	12348	n/a	n/a	8.9	22.5	4	4
35.50min : 2156.099m/z	0.07664	0.05714	0.67	-1.49	1	0.13068	15296	n/a	n/a	12.1	20.6	4	4
44.73min : 712.380m/z	0.07748	0.02857	0.7	-1.43	1	0.13188	17940	n/a	n/a	6.3	18.3	4	4
75.53min : 897.541m/z	0.07855	0.1	0.34	-2.96	1	0.13346	19992	n/a	n/a	11.4	33.1	3	3
61.37min : 1724.793m/z	0.07951	0.11429	1.12	1.12	1	0.13486	8968	n/a	n/a	7.4	16.9	3	4
62.67min : 1648.821m/z	0.08097	0.2	1.07	1.07	1	0.13711	9664	n/a	n/a	10.7	10.9	4	4
64.97min : 1044.632m/z	0.08269	0.11429	0.81	-1.23	1	0.13978	18204	n/a	n/a	6.4	6.9	4	3
50.20min : 693.370m/z	0.08458	0.34286	1.06	1.06	1	0.14274	11804	n/a	n/a	9.2	11.1	4	4
48.33min : 484.040m/z	0.08696	0.05714	0.73	-1.37	1	0.14651	5012	n/a	n/a	10.7	16	3	4
64.74min : 1215.661m/z	0.0879	0.22857	1.06	1.06	1	0.14785	15296	n/a	n/a	11.1	5.9	4	3
26.78min : 894.497m/z	0.08901	0.05714	1.03	1.03	1	0.14945	64104	n/a	n/a	8.8	7.2	4	4
87.76min : 1279.663m/z	0.08918	0.11429	0.8	-1.24	1	0.14949	9556	n/a	n/a	6.9	7.5	4	3
71.42min : 1661.922m/z	0.08969	0.1	0.4	-2.51	1	0.15009	10776	n/a	n/a	20.6	33.2	3	3
70.64min : 732.382m/z	0.09022	0.2	0.68	-1.47	1	0.15072	166260	n/a	n/a	16.4	15.3	3	3
86.95min : 1096.535m/z	0.09165	0.22857	1.13	1.13	1	0.15286	13008	n/a	n/a	15.1	11.2	4	3
37.58min : 758.433m/z	0.09218	0.22857	0.84	-1.19	1	0.15348	10608	n/a	n/a	5.6	4.5	3	4
46.58min : 789.474m/z	0.09356	0.34286	0.69	-1.44	1	0.15551	329188	n/a	n/a	6.3	20.1	4	4
85.39min : 1679.934m/z	0.09414	0.22857	0.82	-1.22	1	0.15622	7552	n/a	n/a	7.8	6.4	4	3
51.73min : 1694.807m/z	0.09452	0.11429	1.06	1.06	1	0.15643	6412	n/a	n/a	10.7	10.8	4	4
48.53min : 627.384m/z	0.09458	0.11429	1.21	1.21	1	0.15643	18248	n/a	n/a	19.8	17.5	4	4
107.83min : 2113.022m/z	0.09513	0.05714	0.65	-1.53	1	0.15708	11028	n/a	n/a	9	17.5	4	3
73.12min : 1655.802m/z	0.09551	0.05714	0.77	-1.3	1	0.15743	6008	n/a	n/a	16.1	1.7	4	3

94.49min : 1790.896m/z	0.09585	0.1	1.44	1.44	1	0.15773	213720	n/a	n/a	6	35.1	3	3
31.25min : 1392.575m/z	0.09719	0.11429	0.79	-1.27	1	0.15958	18584	n/a	n/a	6.3	12	4	4
59.88min : 1334.734m/z	0.09729	0.05714	1.06	1.06	1	0.15958	23468	n/a	n/a	4	13.4	4	4
20.91min : 1151.656m/z	0.09885	0.11429	0.71	-1.41	1	0.16187	20452	n/a	n/a	17.5	14.8	3	4
46.97min : 1219.703m/z	0.09905	0.02857	1.24	1.24	1	0.16194	12716	n/a	n/a	22.6	5.4	4	4
33.77min : 871.521m/z	0.10173	0.11429	1.04	1.04	1	0.16605	17728	n/a	n/a	9.4	9.5	4	4
35.98min : 2046.108m/z	0.10349	0.22857	1.16	1.16	1	0.16864	9640	n/a	n/a	17.9	12.1	4	3
60.31min : 1785.920m/z	0.10371	0.11429	1.18	1.18	1	0.16872	27676	n/a	n/a	14.3	23.9	4	4
68.28min : 446.261m/z	0.10496	0.2	0.78	-1.28	1	0.17022	18980	n/a	n/a	11	6.3	3	3
32.76min : 571.289m/z	0.10498	0.34286	0.76	-1.31	1	0.17022	72344	n/a	n/a	5	14.8	4	4
38.19min : 1165.552m/z	0.1058	0.11429	1.2	1.2	1	0.17128	40404	n/a	n/a	8.1	20.9	4	3
55.02min : 1147.662m/z	0.10789	0.2	0.82	-1.22	1	0.17437	34728	n/a	n/a	4.7	9.1	4	4
78.26min : 1339.720m/z	0.10821	0.22857	0.82	-1.23	1	0.17461	6844	n/a	n/a	7.1	7.2	4	3
33.02min : 1476.684m/z	0.109	0.11429	0.66	-1.52	1	0.17561	24844	n/a	n/a	7.4	25.2	4	4
34.65min : 1428.759m/z	0.10991	0.11429	0.81	-1.24	1	0.17678	7496	n/a	n/a	8.1	9.7	4	4
32.07min : 916.510m/z	0.11036	0.2	0.58	-1.71	1	0.17721	10764	n/a	n/a	11.5	32.6	4	4
84.70min : 2534.292m/z	0.1108	0.11429	1.22	1.22	1	0.17763	32284	n/a	n/a	13.8	22.6	4	3
52.75min : 341.182m/z	0.11352	0.11429	0.79	-1.26	1	0.18171	23512	n/a	n/a	14	3.2	4	4
55.07min : 938.643m/z	0.11372	0.02857	0.8	-1.25	1	0.18172	6908	n/a	n/a	2.7	11.2	4	4
40.06min : 321.131m/z	0.11489	0.11429	0.73	-1.38	1	0.18331	6076	n/a	n/a	6.7	18.8	3	4
65.74min : 1161.623m/z	0.11592	0.07183	0.96	-1.04	1	0.18466	315092	n/a	n/a	1.4	3.5	4	3
59.69min : 861.450m/z	0.11623	0.1	1.23	1.23	1	0.18485	5968	n/a	n/a	17.8	9.5	3	3
72.02min : 1377.778m/z	0.11648	0.05714	1.02	1.02	1	0.18496	8132	n/a	n/a	2.8	8.1	4	3
31.03min : 604.346m/z	0.11823	0.22857	0.99	-1.01	1	0.18743	8860	n/a	n/a	3	6	4	3
73.72min : 2598.202m/z	0.11842	0.11429	1.1	1.1	1	0.18743	10560	n/a	n/a	8.5	14.4	4	3
108.00min : 3062.596m/z	0.11862	0.05714	0.33	-2.99	1	0.18746	27212	n/a	n/a	8.9	41.8	4	3
88.06min : 2369.215m/z	0.11971	0.22857	0.82	-1.22	1	0.18887	6924	n/a	n/a	11	3.3	4	3
43.72min : 531.327m/z	0.12017	0.11429	1.17	1.17	1	0.18931	106340	n/a	n/a	19.2	16.9	4	4
36.59min : 490.923m/z	0.12474	0.2	1.1	1.1	1	0.19619	7736	n/a	n/a	5.4	15.1	3	3
34.50min : 854.402m/z	0.12544	0.11429	1.29	1.29	1	0.19698	13880	n/a	n/a	17.6	37.1	4	4
67.97min : 541.347m/z	0.1259	0.22857	0.95	-1.05	1	0.1974	11364	n/a	n/a	2.2	3.2	4	3
71.02min : 1694.899m/z	0.12633	0.22857	0.69	-1.45	1	0.19775	18996	n/a	n/a	14	18.1	4	3

28.47min : 799.402m/z	0.12668	0.2	1.14	1.14	1	0.19794	7836	n/a	n/a	9.7	23.6	4	4
66.48min : 1860.981m/z	0.12685	0.05714	0.63	-1.58	1	0.19794	9029	n/a	n/a	4.4	21.3	4	3
84.58min : 1035.602m/z	0.12764	0.4	0.81	-1.24	1	0.19887	18652	n/a	n/a	12.9	2.6	4	3
49.47min : 772.484m/z	0.12942	0.22857	0.82	-1.22	1	0.20114	7084	n/a	n/a	3.9	9.9	3	4
69.42min : 1855.854m/z	0.1295	0.05714	0.96	-1.04	1	0.20114	12116	n/a	n/a	3.2	3.3	4	3
41.98min : 1892.799m/z	0.13056	0.11429	1.21	1.21	1	0.20246	7156	n/a	n/a	6.6	23.5	4	3
48.86min : 1548.717m/z	0.13227	0.11429	0.66	-1.51	1	0.2048	40260	n/a	n/a	7.6	27.2	4	4
62.56min : 1780.801m/z	0.13442	0.2	0.75	-1.33	1	0.20751	12684	n/a	n/a	10.8	17.1	4	4
51.05min : 1472.748m/z	0.13445	0.11429	1.03	1.03	1	0.20751	7424	n/a	n/a	7.8	11.8	4	4
62.91min : 854.621m/z	0.13654	0.11429	0.82	-1.22	1	0.21042	13788	n/a	n/a	9.8	7.6	4	4
26.30min : 989.529m/z	0.13901	0.22857	0.83	-1.21	1	0.2139	13772	n/a	n/a	7.4	7.8	3	4
44.50min : 805.425m/z	0.1404	0.2	1.08	1.08	1	0.21569	12804	n/a	n/a	11.9	15.9	4	4
68.25min : 429.235m/z	0.14117	0.22857	0.77	-1.31	1	0.21654	33624	n/a	n/a	19.5	6	4	3
63.77min : 2693.125m/z	0.14495	0.11429	0.79	-1.26	1	0.22186	8616	n/a	n/a	3.9	10.2	4	3
59.70min : 1874.065m/z	0.14508	0.05714	0.83	-1.2	1	0.22186	12292	n/a	n/a	2.3	9.1	4	4
45.74min : 1250.609m/z	0.14542	0.22857	0.77	-1.29	1	0.22204	6700	n/a	n/a	18.4	5.9	4	3
48.77min : 577.311m/z	0.14723	0.11429	1.07	1.07	1	0.22447	85888	n/a	n/a	7.5	13.6	4	3
58.91min : 666.357m/z	0.14757	0.05714	1.04	1.04	1	0.22463	5500	n/a	n/a	2	10.7	4	3
50.24min : 889.463m/z	0.14905	0.11429	1.39	1.39	1	0.22653	25540	n/a	n/a	11.9	41.1	4	3
48.35min : 1446.653m/z	0.15164	0.22857	1.02	1.02	1	0.23012	15796	n/a	n/a	7.5	9.6	3	4
35.88min : 948.460m/z	0.15189	0.2	0.99	-1.01	1	0.23015	95036	n/a	n/a	8	6	4	4
53.25min : 473.310m/z	0.15233	0.11429	0.79	-1.26	1	0.23047	14972	n/a	n/a	7.8	13.8	4	4
52.95min : 1729.911m/z	0.15503	0.2	0.83	-1.2	1	0.23419	8010	n/a	n/a	5.1	7.1	3	3
58.53min : 1274.677m/z	0.15579	0.22857	0.96	-1.04	1	0.23499	22116	n/a	n/a	3.9	3.3	4	3
20.91min : 916.492m/z	0.15764	0.22857	0.77	-1.29	1	0.23741	20996	n/a	n/a	13.3	13.1	3	4
56.43min : 1015.580m/z	0.15903	0.4	1.08	1.08	1	0.23915	22260	n/a	n/a	9.5	14.5	3	3
61.56min : 1439.763m/z	0.16001	0.4	0.84	-1.2	1	0.24026	30572	n/a	n/a	2.4	7	3	3
33.25min : 1162.552m/z	0.16241	0.2	0.76	-1.32	1	0.24331	9096	n/a	n/a	12.2	13.5	3	3
36.43min : 1444.804m/z	0.16253	0.34286	0.73	-1.37	1	0.24331	18608	n/a	n/a	20.8	19.4	4	4
58.11min : 1927.008m/z	0.1654	0.11021	1.05	1.05	1	0.24722	7504	n/a	n/a	12.5	12.4	4	4
42.23min : 1510.778m/z	0.16666	0.2	1.17	1.17	1	0.24873	33440	n/a	n/a	6	31.1	4	4
87.59min : 1539.916m/z	0.16807	0.22857	0.73	-1.36	1	0.25046	39584	n/a	n/a	23.3	13.9	4	3

37.90min : 1171.576m/z	0.16875	0.14649	0.98	-1.02	1	0.25111	336204	n/a	n/a	6.4	5.7	4	4
73.70min : 2560.253m/z	0.17166	0.22857	1.3	1.3	1	0.25505	17472	n/a	n/a	19	36.4	4	3
51.63min : 1236.559m/z	0.17272	0.11021	0.74	-1.34	1	0.25624	13768	n/a	n/a	21.7	16.2	4	4
59.11min : 1575.792m/z	0.17698	0.2	0.79	-1.27	1	0.26217	152044	n/a	n/a	14.5	12.5	4	4
108.87min : 1793.093m/z	0.17759	0.34286	0.77	-1.29	1	0.26269	21724	n/a	n/a	7.5	17.4	4	4
27.85min : 1191.562m/z	0.17941	0.4	0.97	-1.03	1	0.26498	7520	n/a	n/a	2.1	6.8	3	4
56.92min : 948.449m/z	0.18095	0.22857	1.16	1.16	1	0.26686	23360	n/a	n/a	22.2	18.1	4	3
61.26min : 385.208m/z	0.18139	0.34286	0.78	-1.28	1	0.26703	42656	n/a	n/a	16.3	13.7	4	4
37.29min : 1646.814m/z	0.1816	0.11429	1.09	1.09	1	0.26703	19540	n/a	n/a	14.7	18.7	4	4
33.89min : 904.464m/z	0.18254	0.34286	1.18	1.18	1	0.26802	75716	n/a	n/a	10.9	32.7	4	4
58.52min : 332.097m/z	0.18302	0.05714	0.75	-1.34	1	0.26831	20680	n/a	n/a	8.7	20.9	4	4
71.03min : 459.282m/z	0.18355	0.22857	0.76	-1.31	1	0.26851	85736	n/a	n/a	19.3	12.6	4	3
24.01min : 974.498m/z	0.18369	0.11429	0.96	-1.04	1	0.26851	14552	n/a	n/a	4.4	3.6	3	4
59.02min : 613.441m/z	0.18483	0.22857	1.09	1.09	1	0.26978	4084	n/a	n/a	18.5	8.1	4	3
63.77min : 2655.179m/z	0.18851	0.11429	0.81	-1.23	1	0.27474	98312	n/a	n/a	10.6	9.1	4	3
69.58min : 1028.604m/z	0.18885	0.4	1.16	1.16	1	0.27479	124924	n/a	n/a	24.7	6	4	3
58.65min : 1041.438m/z	0.1893	0.05714	0.71	-1.41	1	0.27479	34396	n/a	n/a	5.4	19.9	4	3
31.96min : 1572.730m/z	0.18952	0.4	0.79	-1.27	1	0.27479	8556	n/a	n/a	8.9	15.9	3	4
28.88min : 965.509m/z	0.18991	0.2	0.88	-1.14	1	0.27479	10200	n/a	n/a	3.6	0.3	3	3
24.77min : 605.345m/z	0.18992	0.22857	0.74	-1.34	1	0.27479	5640	n/a	n/a	23.2	13.6	4	3
59.79min : 795.421m/z	0.19142	0.34286	0.84	-1.19	1	0.27655	20772	n/a	n/a	4.8	9.3	4	4
62.07min : 1157.573m/z	0.1919	0.15358	0.95	-1.05	1	0.27686	77460	n/a	n/a	3.9	3.6	4	3
60.20min : 1772.842m/z	0.19296	0.22857	1.04	1.04	1	0.27795	7376	n/a	n/a	8.6	12.6	4	3
39.94min : 1084.577m/z	0.19323	0.4	1.08	1.08	1	0.27795	29204	n/a	n/a	4.9	16.9	4	3
52.87min : 774.412m/z	0.19381	0.11429	0.82	-1.21	1	0.27839	6960	n/a	n/a	3.7	9	4	3
66.45min : 801.459m/z	0.19487	0.11429	1.1	1.1	1	0.2795	7632	n/a	n/a	6.8	18.5	4	3
41.99min : 971.591m/z	0.19625	0.22857	0.97	-1.03	1	0.28108	7096	n/a	n/a	3.4	5.8	4	3
32.82min : 1849.794m/z	0.19851	0.11429	0.99	-1.01	1	0.28392	8664	n/a	n/a	3	7.7	4	3
54.92min : 593.305m/z	0.20243	0.2	0.84	-1.19	1	0.2891	7748	n/a	n/a	7.8	6.3	3	3
59.80min : 444.295m/z	0.20538	0.2	0.99	-1.01	1	0.29253	92872	n/a	n/a	7.6	9.1	4	4
46.36min : 806.455m/z	0.20542	0.34286	0.82	-1.22	1	0.29253	59340	n/a	n/a	4	13	4	4
25.36min : 1111.516m/z	0.20615	0.05714	0.71	-1.41	1	0.29316	12428	n/a	n/a	9.9	21.5	4	3

89.86min : 2020.073m/z	0.21322	0.22857	0.69	-1.46	1	0.30277	20996	n/a	n/a	9.6	24.4	4	3
40.07min : 701.323m/z	0.21434	0.11429	0.61	-1.64	1	0.30393	13968	n/a	n/a	14.8	32.7	4	3
71.69min : 1304.688m/z	0.21581	0.22857	0.85	-1.17	1	0.30557	41556	n/a	n/a	6.3	6.3	4	3
55.54min : 654.395m/z	0.21909	0.22857	0.74	-1.36	1	0.30967	13152	n/a	n/a	10.2	19.4	4	3
94.58min : 1425.730m/z	0.21932	0.4	1.06	1.06	1	0.30967	120664	n/a	n/a	7.3	15.4	3	3
45.16min : 1451.705m/z	0.22128	0.34286	0.82	-1.22	1	0.31147	6876	n/a	n/a	5.4	13.4	4	4
53.36min : 1641.749m/z	0.22134	0.34286	0.74	-1.35	1	0.31147	9204	n/a	n/a	10.2	24	4	4
26.88min : 1076.516m/z	0.22154	0.34286	1.06	1.06	1	0.31147	22232	n/a	n/a	17.5	4.4	4	4
27.58min : 1437.553m/z	0.22201	0.48571	0.74	-1.35	1	0.3117	13372	n/a	n/a	15.4	23.3	4	4
54.37min : 652.242m/z	0.2233	0.05714	0.73	-1.37	1	0.31306	5448	n/a	n/a	1.5	20.2	4	3
80.60min : 2112.116m/z	0.22462	0.22857	0.96	-1.04	1	0.31447	7992	n/a	n/a	3	5.6	4	3
35.51min : 818.418m/z	0.22544	0.48571	0.82	-1.22	1	0.31517	37816	n/a	n/a	9.7	11.8	4	4
132.94min : 317.137m/z	0.22629	0.4	0.79	-1.27	1	0.31591	8288	n/a	n/a	11.5	13.2	3	3
22.15min : 993.543m/z	0.22926	0.4	0.84	-1.2	1	0.31961	9604	n/a	n/a	9.5	2.1	3	3
90.58min : 1027.631m/z	0.23294	0.4	0.85	-1.18	1	0.32423	15360	n/a	n/a	7.7	5.7	3	3
36.48min : 1925.059m/z	0.23322	0.4	0.84	-1.19	1	0.32423	6384	n/a	n/a	5	8.3	3	3
27.10min : 1361.694m/z	0.23482	0.48571	0.83	-1.21	1	0.32599	5804	n/a	n/a	13.8	4.3	4	4
71.01min : 1682.875m/z	0.23604	0.4	0.78	-1.28	1	0.32724	6112	n/a	n/a	6.2	15.5	4	3
68.29min : 451.217m/z	0.23683	0.4	0.74	-1.35	1	0.32786	78300	n/a	n/a	24.8	5.3	3	3
72.45min : 1560.825m/z	0.23778	0.4	0.97	-1.03	1	0.32873	15524	n/a	n/a	7.9	3.7	4	3
94.27min : 1653.790m/z	0.23995	0.2	1.23	1.23	1	0.33126	10968	n/a	n/a	4.4	36.7	3	3
59.92min : 1773.828m/z	0.24045	0.2	1.02	1.02	1	0.3315	9532	n/a	n/a	8.7	15.1	4	4
62.88min : 474.330m/z	0.24317	0.4	0.56	-1.78	1	0.33412	18544	n/a	n/a	36.8	40.5	3	3
59.68min : 2406.193m/z	0.24319	0.11429	0.7	-1.43	1	0.33412	35512	n/a	n/a	10.9	32	4	4
79.29min : 529.373m/z	0.24336	0.22857	0.87	-1.15	1	0.33412	31680	n/a	n/a	4.4	5.1	4	3
86.24min : 1423.708m/z	0.24683	0.4	0.84	-1.19	1	0.33828	12532	n/a	n/a	12.6	2.9	4	3
57.51min : 913.586m/z	0.24707	0.4	1	1	1	0.33828	8504	n/a	n/a	5	10.3	4	3
68.99min : 1731.843m/z	0.24762	0.22857	1.06	1.06	1	0.33856	7072	n/a	n/a	6.7	17.3	4	3
68.76min : 2161.010m/z	0.24989	0.4	0.98	-1.02	1	0.34119	9692	n/a	n/a	9.9	1.6	4	3
51.68min : 722.410m/z	0.25174	0.22857	0.63	-1.58	1	0.34325	55356	n/a	n/a	21.2	42.3	3	4
33.09min : 819.422m/z	0.25254	0.48571	1.11	1.11	1	0.34387	23252	n/a	n/a	10.8	28.8	4	4
24.37min : 615.384m/z	0.25342	0.34286	1.59	1.59	1	0.34443	17292	n/a	n/a	58.5	45.4	4	4

35.30min : 753.362m/z	0.25364	0.34286	1.1	1.1	1	0.34443	12012	n/a	n/a	6.3	28.1	4	4
35.01min : 1506.599m/z	0.2574	0.48571	0.75	-1.34	1	0.34905	205412	n/a	n/a	13.2	25.5	4	4
30.29min : 1437.749m/z	0.26216	0.34286	1.13	1.13	1	0.35503	11896	n/a	n/a	27.9	11.3	4	4
69.57min : 881.535m/z	0.26299	0.62857	1.08	1.08	1	0.35566	64308	n/a	n/a	20.5	11.8	4	3
39.38min : 1532.787m/z	0.27108	0.48571	0.81	-1.24	1	0.3661	229140	n/a	n/a	18.8	9.2	4	4
53.94min : 444.294m/z	0.27164	0.34286	1.04	1.04	1	0.36636	32440	n/a	n/a	9.1	20.3	4	4
34.10min : 532.329m/z	0.27351	0.34286	0.97	-1.03	1	0.36832	6100	n/a	n/a	7.1	5.8	4	4
28.34min : 731.431m/z	0.27408	0.34286	1.02	1.02	1	0.36832	7060	n/a	n/a	8.6	15.6	4	4
83.46min : 1565.719m/z	0.27421	0.4	1.01	1.01	1	0.36832	70372	n/a	n/a	2.9	11.7	4	3
77.16min : 1058.624m/z	0.27771	0.22857	1.03	1.03	1	0.37253	13528	n/a	n/a	7.7	14.8	4	3
58.12min : 388.256m/z	0.27949	0.22857	0.83	-1.21	1	0.37441	12804	n/a	n/a	12.3	5.9	3	4
66.72min : 1481.809m/z	0.28041	0.4	1.04	1.04	1	0.37513	12552	n/a	n/a	18.7	6.6	4	3
45.67min : 1490.826m/z	0.28082	0.48571	0.85	-1.17	1	0.37519	18208	n/a	n/a	3.9	10.2	4	4
87.93min : 687.443m/z	0.28369	0.22857	0.81	-1.23	1	0.37825	244344	n/a	n/a	8.3	12.9	4	3
37.84min : 692.341m/z	0.28388	0.22857	0.72	-1.38	1	0.37825	10992	n/a	n/a	15.6	24.9	4	3
35.28min : 543.388m/z	0.28809	0.34286	0.86	-1.16	1	0.38335	7384	n/a	n/a	9.7	4.3	4	4
34.84min : 1598.745m/z	0.28951	0.48571	0.81	-1.24	1	0.38439	9348	n/a	n/a	8.9	17.5	4	4
109.30min : 1605.696m/z	0.28965	0.62857	0.56	-1.8	1	0.38439	22928	n/a	n/a	8.5	47.7	4	3
42.83min : 1686.907m/z	0.29053	0.48571	0.84	-1.19	1	0.3848	30064	n/a	n/a	6.1	12.1	4	4
30.80min : 1447.819m/z	0.29073	0.2	1.05	1.05	1	0.3848	54300	n/a	n/a	10.9	16.6	3	3
86.11min : 1179.688m/z	0.29225	0.85714	1	1	1	0.3863	23420	n/a	n/a	14	3.6	4	3
86.73min : 1910.877m/z	0.29499	0.4	0.76	-1.32	1	0.38941	77980	n/a	n/a	15.5	20.6	4	3
47.34min : 1070.585m/z	0.29559	0.4	0.84	-1.19	1	0.38968	7764	n/a	n/a	12.7	5.1	4	3
43.86min : 978.612m/z	0.29835	0.34286	0.88	-1.14	1	0.3928	10508	n/a	n/a	2	6.3	4	4
41.36min : 657.362m/z	0.30035	0.48571	0.82	-1.22	1	0.3949	40956	n/a	n/a	6.6	16.7	4	4
69.57min : 1198.711m/z	0.30202	0.24189	1.01	1.01	1	0.39657	489848	n/a	n/a	4.3	13.8	4	3
54.42min : 768.395m/z	0.30247	0.4	1.18	1.18	1	0.39665	7812	n/a	n/a	17.8	34.7	3	3
65.19min : 415.256m/z	0.30566	0.62857	0.78	-1.29	1	0.40029	93328	n/a	n/a	25.1	13.1	4	3
67.61min : 1380.703m/z	0.30808	0.4	0.99	-1.01	1	0.40282	64056	n/a	n/a	10.4	8.2	4	3
88.32min : 1337.703m/z	0.3084	0.4	0.96	-1.05	1	0.40282	21640	n/a	n/a	7.2	1.3	4	3
108.58min : 1996.981m/z	0.31292	0.4	0.67	-1.48	1	0.40819	10896	n/a	n/a	10.7	34	4	3
86.00min : 1370.775m/z	0.31354	0.22857	0.97	-1.03	1	0.40846	41272	n/a	n/a	2.5	8.7	4	3

38.45min : 717.379m/z	0.31521	0.4	0.59	-1.71	1	0.41011	28868	n/a	n/a	7.7	59.6	3	4
70.41min : 1000.582m/z	0.31883	0.4	0.95	-1.06	1	0.41427	23756	n/a	n/a	5	3.5	4	3
52.88min : 760.422m/z	0.32059	0.62857	1.07	1.07	1	0.41601	7224	n/a	n/a	10.6	26.6	3	4
50.99min : 603.335m/z	0.32213	0.22857	0.85	-1.18	1	0.41702	8680	n/a	n/a	9.1	9	3	4
44.80min : 780.365m/z	0.3222	0.48571	1.11	1.11	1	0.41702	53652	n/a	n/a	12	35.6	4	4
20.11min : 1078.520m/z	0.32552	1	0.74	-1.36	1	0.42076	4916	n/a	n/a	19	24.9	3	3
90.70min : 980.655m/z	0.32645	0.4	0.85	-1.18	1	0.42141	7588	n/a	n/a	5.6	9.1	4	3
53.83min : 984.566m/z	0.33187	0.34286	0.87	-1.15	1	0.42786	6792	n/a	n/a	7.5	6.4	4	4
34.48min : 892.351m/z	0.33239	0.22857	0.97	-1.03	1	0.42797	6824	n/a	n/a	4.7	8.4	4	3
45.85min : 2187.072m/z	0.33349	0.48571	0.81	-1.23	1	0.42883	24612	n/a	n/a	5.8	19.4	4	4
31.83min : 1714.925m/z	0.33511	0.68571	0.82	-1.23	1	0.43036	9424	n/a	n/a	15.6	15	4	4
56.20min : 776.428m/z	0.33601	0.48571	0.74	-1.34	1	0.43086	275308	n/a	n/a	20	30.7	4	4
33.66min : 853.456m/z	0.33636	0.34286	0.99	-1.01	1	0.43086	84988	n/a	n/a	11.5	11	4	4
51.63min : 1252.528m/z	0.34012	0.2	0.8	-1.25	1	0.43511	19848	n/a	n/a	22.4	13.2	4	4
29.34min : 701.306m/z	0.34107	0.34286	0.96	-1.04	1	0.43523	12096	n/a	n/a	7.2	6.6	4	4
31.41min : 2003.106m/z	0.34109	0.7	1.14	1.14	1	0.43523	12540	n/a	n/a	27.8	5.6	3	3
54.74min : 416.288m/z	0.34181	0.34286	1.01	1.01	1	0.43559	73336	n/a	n/a	9.4	17.7	4	4
51.53min : 1740.885m/z	0.34246	0.4	1	1	1	0.43586	5736	n/a	n/a	12.2	2.7	3	3
36.76min : 850.469m/z	0.3483	0.48571	1.11	1.11	1	0.44272	11744	n/a	n/a	27.7	25.7	4	4
51.38min : 1380.752m/z	0.35213	0.34286	0.83	-1.2	1	0.44702	10024	n/a	n/a	14.1	12	4	4
55.53min : 571.357m/z	0.3576	0.34286	0.77	-1.3	1	0.45286	12368	n/a	n/a	22	25.2	4	4
53.65min : 899.559m/z	0.35764	0.34286	0.86	-1.17	1	0.45286	66784	n/a	n/a	4.7	11.4	4	4
42.38min : 492.295m/z	0.36936	0.48571	0.85	-1.17	1	0.46652	58476	n/a	n/a	9.2	10.9	4	4
49.20min : 2199.105m/z	0.36937	0.4	0.8	-1.26	1	0.46652	6772	n/a	n/a	16.5	20.1	3	4
31.78min : 774.383m/z	0.3824	0.22857	1.12	1.12	1	0.48086	10080	n/a	n/a	21.7	32.7	4	3
28.18min : 1203.636m/z	0.38257	0.48571	0.87	-1.15	1	0.48086	7748	n/a	n/a	9.1	5.4	4	4
68.41min : 1901.823m/z	0.38266	0.4	1.02	1.02	1	0.48086	7200	n/a	n/a	9	18.5	4	3
50.62min : 377.064m/z	0.38266	0.35368	0.77	-1.3	1	0.48086	3792	n/a	n/a	4.4	24.4	3	3
93.90min : 1476.780m/z	0.38481	0.4	1.02	1.02	1	0.48271	19236	n/a	n/a	3.9	22.3	3	4
54.37min : 614.295m/z	0.38581	0.48571	0.97	-1.03	1	0.48271	140060	n/a	n/a	3.4	12	4	4
65.60min : 1016.612m/z	0.38597	0.4	0.95	-1.06	1	0.48271	15464	n/a	n/a	5.5	3.8	4	3
39.35min : 1011.569m/z	0.38607	0.48571	0.84	-1.19	1	0.48271	28752	n/a	n/a	7.6	15.1	4	4

93.86min : 1483.721m/z	0.38874	0.85714	0.96	-1.04	1	0.48492	7368	n/a	n/a	6	7	4	3
24.79min : 889.500m/z	0.38881	0.88571	0.73	-1.36	1	0.48492	11908	n/a	n/a	18.4	38.2	4	4
30.79min : 849.432m/z	0.38957	0.22857	1.2	1.2	1	0.48525	36404	n/a	n/a	30.1	45.7	4	3
54.66min : 373.282m/z	0.391	0.5637	0.94	-1.06	1	0.48643	3044	n/a	n/a	5.6	0	4	3
25.20min : 705.398m/z	0.39505	0.48571	1.14	1.14	1	0.49085	10288	n/a	n/a	30.5	38.3	4	4
39.26min : 1228.647m/z	0.39831	0.48571	0.88	-1.14	1	0.49429	8368	n/a	n/a	6.6	5.1	4	4
73.05min : 907.526m/z	0.40037	0.62857	0.74	-1.35	1	0.4961	68576	n/a	n/a	13	30.8	4	3
54.92min : 1520.847m/z	0.40077	1	0.73	-1.38	1	0.4961	36132	n/a	n/a	41	16.6	3	3
26.79min : 747.408m/z	0.40409	0.68571	0.82	-1.22	1	0.49958	7440	n/a	n/a	6.7	21.5	4	4
107.75min : 3212.535m/z	0.40609	0.62857	0.67	-1.5	1	0.50143	8184	n/a	n/a	9.2	45.2	4	3
47.62min : 2829.416m/z	0.40669	0.7	1.11	1.11	1	0.50155	8816	n/a	n/a	16.6	32.4	3	3
37.15min : 1109.623m/z	0.4088	1	1.4	1.4	1	0.50353	17964	n/a	n/a	72.2	6.3	4	3
34.78min : 748.385m/z	0.41004	0.68571	1.13	1.13	1	0.50431	73960	n/a	n/a	22.1	44.6	4	4
54.25min : 2202.141m/z	0.41045	0.4	1.01	1.01	1	0.50431	6708	n/a	n/a	9.5	16.5	3	3
86.98min : 1824.990m/z	0.4122	0.4	0.84	-1.18	1	0.50584	81896	n/a	n/a	5.3	12.8	4	3
49.28min : 1143.620m/z	0.4129	0.46783	0.87	-1.15	1	0.50607	199368	n/a	n/a	8.6	6.7	4	4
49.53min : 805.434m/z	0.41774	1	0.88	-1.14	1	0.51137	40880	n/a	n/a	0.5	8.5	4	4
29.03min : 979.502m/z	0.42316	0.68571	0.86	-1.17	1	0.51723	17472	n/a	n/a	4.3	13.6	4	4
35.06min : 1236.473m/z	0.42383	0.68571	0.87	-1.14	1	0.51723	28020	n/a	n/a	8.4	5.8	4	4
33.34min : 480.283m/z	0.42408	0.4	0.87	-1.15	1	0.51723	8604	n/a	n/a	9.2	3.6	3	3
107.66min : 2130.089m/z	0.42578	0.7	1.08	1.08	1	0.51866	101192	n/a	n/a	26	15.2	3	3
94.94min : 1560.806m/z	0.42806	0.62857	0.98	-1.02	1	0.52054	14976	n/a	n/a	8.4	12.7	4	3
39.23min : 878.513m/z	0.42837	0.34286	0.98	-1.03	1	0.52054	99860	n/a	n/a	13.6	2.7	4	4
46.56min : 704.411m/z	0.43407	0.48571	0.82	-1.22	1	0.52647	30876	n/a	n/a	23.6	12.1	4	4
46.25min : 919.537m/z	0.43431	1	0.96	-1.04	1	0.52647	16488	n/a	n/a	8.8	7	4	4
83.68min : 874.545m/z	0.43614	0.85714	0.94	-1.06	1	0.52804	7956	n/a	n/a	5.5	3	4	3
96.93min : 1357.752m/z	0.44152	1	0.97	-1.03	1	0.53391	18136	n/a	n/a	3.2	11	4	3
47.14min : 1297.638m/z	0.44224	0.62857	0.86	-1.16	1	0.53413	7056	n/a	n/a	4.8	10.6	4	3
84.24min : 591.360m/z	0.44323	0.7	0.83	-1.21	1	0.53468	39604	n/a	n/a	16.5	12.9	3	3
81.09min : 1898.861m/z	0.4473	0.4	0.96	-1.04	1	0.53893	8536	n/a	n/a	3.4	8.9	4	3
39.90min : 999.622m/z	0.45218	0.48571	0.94	-1.06	1	0.54415	9720	n/a	n/a	3.5	6.2	4	4
45.60min : 1208.507m/z	0.45488	0.48571	0.97	-1.03	1	0.54674	19588	n/a	n/a	6.3	12.7	4	4

71.03min : 481.264m/z	0.4583	0.62857	0.84	-1.2	1	0.54919	122624	n/a	n/a	19	10.2	4	3
34.79min : 786.333m/z	0.45854	0.62857	0.98	-1.02	1	0.54919	11692	n/a	n/a	5.9	13.5	4	3
58.69min : 1410.672m/z	0.45858	0.68571	0.96	-1.04	1	0.54919	15472	n/a	n/a	5.5	10.7	4	4
47.33min : 957.464m/z	0.46569	0.4	0.86	-1.16	1	0.55685	3932	n/a	n/a	8.2	10.9	4	3
54.67min : 1957.011m/z	0.46609	0.7	0.78	-1.29	1	0.55685	4820	n/a	n/a	12.9	28.7	3	3
67.25min : 1120.723m/z	0.4672	0.62857	0.85	-1.18	1	0.55749	5868	n/a	n/a	14.9	10.1	4	3
94.68min : 1794.917m/z	0.46871	0.4	0.79	-1.27	1	0.55863	10442	n/a	n/a	22	22.3	3	3
27.31min : 1152.516m/z	0.47068	0.62857	0.77	-1.3	1	0.56031	7948	n/a	n/a	30.7	28.1	3	4
86.35min : 2417.119m/z	0.47252	0.62857	0.98	-1.02	1	0.56183	6252	n/a	n/a	9.1	12.3	4	3
59.66min : 1763.876m/z	0.47335	0.88571	0.83	-1.2	1	0.56214	10784	n/a	n/a	5.8	21	4	4
84.56min : 1957.940m/z	0.47456	1	0.87	-1.14	1	0.56291	67690	n/a	n/a	10.6	3.6	4	3
84.03min : 1847.800m/z	0.47827	0.4	0.96	-1.04	1	0.56663	8816	n/a	n/a	2.9	10.4	3	3
91.53min : 1636.699m/z	0.48219	0.4	0.93	-1.07	1	0.57059	18952	n/a	n/a	2.9	3.6	4	3
25.14min : 1327.653m/z	0.48447	0.85714	0.98	-1.02	1	0.57261	11748	n/a	n/a	8.3	14.3	4	3
45.77min : 1266.579m/z	0.48676	1	0.99	-1.01	1	0.57463	10208	n/a	n/a	7.1	16.7	3	3
29.41min : 1221.556m/z	0.49031	0.68571	0.86	-1.16	1	0.57814	14680	n/a	n/a	7.6	13.5	4	4
66.11min : 1643.791m/z	0.49191	0.62857	0.86	-1.16	1	0.57839	11943	n/a	n/a	8.4	11.7	4	3
62.04min : 1315.761m/z	0.49199	0.34286	1.01	1.01	1	0.57839	84324	n/a	n/a	6.9	27	4	4
53.99min : 1188.505m/z	0.49227	1	0.8	-1.25	1	0.57839	17264	n/a	n/a	11.6	24.6	3	3
77.90min : 1727.896m/z	0.49524	0.62857	0.97	-1.03	1	0.58119	13816	n/a	n/a	9.2	12.4	4	3
44.88min : 449.223m/z	0.49884	0.62857	0.69	-1.45	1	0.58473	18776	n/a	n/a	36.6	49.6	4	3
58.78min : 743.442m/z	0.50135	0.68571	0.82	-1.22	1	0.58697	14384	n/a	n/a	12.7	26.4	4	4
133.09min : 305.173m/z	0.50228	0.7	0.73	-1.37	1	0.58738	115796	n/a	n/a	54.5	8.6	3	3
40.47min : 1004.494m/z	0.50632	0.62857	0.87	-1.15	1	0.59137	23452	n/a	n/a	4.3	9.8	4	3
81.34min : 1501.731m/z	0.50688	0.85714	0.96	-1.04	1	0.59137	11172	n/a	n/a	3.8	11.3	4	3
47.92min : 880.406m/z	0.50749	0.48571	1.05	1.05	1	0.59138	119668	n/a	n/a	19.7	34.4	4	4
94.01min : 1568.779m/z	0.5217	0.4	1.04	1.04	1	0.60722	31692	n/a	n/a	2.7	38.2	3	4
36.73min : 1286.736m/z	0.52301	0.68571	0.98	-1.02	1	0.60803	51408	n/a	n/a	15.3	14	4	4
38.28min : 754.381m/z	0.52493	0.62857	0.85	-1.18	1	0.60913	12660	n/a	n/a	6.4	15.7	4	3
46.35min : 763.472m/z	0.52517	0.68571	0.98	-1.02	1	0.60913	8312	n/a	n/a	14	13.9	4	4
56.73min : 1102.550m/z	0.52853	0.48571	0.88	-1.14	1	0.6123	11496	n/a	n/a	9.4	8.6	4	4
67.63min : 1528.767m/z	0.52963	0.85714	0.88	-1.14	1	0.61286	8804	n/a	n/a	6.1	9	4	3

55.54min : 472.289m/z	0.53263	1	0.8	-1.25	1	0.61562	55952	n/a	n/a	19.2	32.6	4	4
48.09min : 1334.772m/z	0.53499	0.7	0.94	-1.07	1	0.61763	19416	n/a	n/a	5.8	2.8	3	3
78.63min : 517.290m/z	0.53642	0.22857	1.08	1.08	1	0.61856	56748	n/a	n/a	27.3	38.2	4	3
62.45min : 1926.917m/z	0.54416	0.88571	0.87	-1.15	1	0.62592	6712	n/a	n/a	7.3	13.2	4	4
86.07min : 929.585m/z	0.5446	1	0.93	-1.07	1	0.62592	11080	n/a	n/a	2.9	3.9	4	3
49.72min : 349.185m/z	0.54498	0.68571	0.83	-1.2	1	0.62592	173440	n/a	n/a	15.7	23.5	4	4
33.07min : 732.390m/z	0.54584	0.85714	0.79	-1.27	1	0.62592	24572	n/a	n/a	19.8	37.1	3	4
96.17min : 1462.705m/z	0.54595	0.62857	0.85	-1.18	1	0.62592	237460	n/a	n/a	4.5	16.6	4	3
53.46min : 878.559m/z	0.55253	0.68571	0.89	-1.12	1	0.63274	10856	n/a	n/a	6.6	4.3	4	4
50.12min : 755.468m/z	0.55421	0.88571	0.97	-1.03	1	0.63393	8576	n/a	n/a	6.5	18.6	4	4
58.64min : 1019.455m/z	0.57103	0.88571	0.79	-1.27	1	0.65242	16984	n/a	n/a	14.2	42	4	4
56.98min : 503.320m/z	0.57673	0.88571	0.86	-1.16	1	0.65818	16768	n/a	n/a	12.9	13.8	4	4
76.84min : 1505.751m/z	0.57898	1	0.79	-1.27	1	0.65998	78828	n/a	n/a	50.3	5.8	4	3
52.75min : 363.164m/z	0.57972	0.68571	0.84	-1.18	1	0.66007	131416	n/a	n/a	22.2	16.1	4	4
20.59min : 1061.537m/z	0.58536	0.62857	0.94	-1.06	1	0.66522	5208	n/a	n/a	5.8	7.2	3	4
48.27min : 1648.941m/z	0.58558	0.7	0.88	-1.14	1	0.66522	8305	n/a	n/a	9.7	4.3	3	3
66.85min : 1285.580m/z	0.59414	0.85714	0.95	-1.05	1	0.67417	13616	n/a	n/a	12.9	6	4	3
55.54min : 842.512m/z	0.60247	0.7715	0.87	-1.15	1	0.68284	177568	n/a	n/a	9.1	14.1	4	4
27.12min : 772.432m/z	0.6037	0.48571	0.98	-1.02	1	0.68346	7360	n/a	n/a	17	17.9	4	4
28.94min : 626.364m/z	0.61561	0.4	0.84	-1.19	1	0.69615	8168	n/a	n/a	18.3	20.6	3	3
42.84min : 1164.750m/z	0.62076	1	0.99	-1.01	1	0.7009	35956	n/a	n/a	24.9	15.3	4	4
73.89min : 1725.811m/z	0.62122	0.62857	0.86	-1.17	1	0.7009	15864	n/a	n/a	7.1	18.4	4	3
74.13min : 2056.974m/z	0.62227	0.85714	0.9	-1.11	1	0.70129	17560	n/a	n/a	2.8	4.4	4	3
58.37min : 517.336m/z	0.62432	0.48571	0.96	-1.05	1	0.7024	6824	n/a	n/a	9.3	14.4	4	4
60.48min : 2744.324m/z	0.62467	1	0.89	-1.13	1	0.7024	4948	n/a	n/a	9.2	1.4	3	3
46.09min : 1684.772m/z	0.62596	1	1.06	1.06	1	0.70305	6140	n/a	n/a	40.2	18	3	3
64.42min : 1858.913m/z	0.63197	0.62857	0.93	-1.08	1	0.70901	9596	n/a	n/a	4.4	3	4	3
29.98min : 1197.588m/z	0.63771	0.85714	0.93	-1.07	1	0.71458	6064	n/a	n/a	2.5	5.9	4	3
34.06min : 789.411m/z	0.63838	0.88571	0.97	-1.04	1	0.71458	8160	n/a	n/a	8.4	20.3	4	4
31.26min : 1354.628m/z	0.63931	0.88385	0.95	-1.06	1	0.71482	291280	n/a	n/a	8.7	10.3	4	4
43.87min : 524.248m/z	0.64562	1	0.81	-1.23	1	0.72106	10288	n/a	n/a	25.7	30.6	3	3
81.07min : 1357.655m/z	0.6496	1	0.98	-1.02	1	0.72469	11920	n/a	n/a	24.3	8.8	4	3

18.01min : 961.488m/z	0.65394	0.62857	1.06	1.06	1	0.72872	33540	n/a	n/a	34.1	45.3	4	3
44.28min : 648.372m/z	0.66336	0.68571	0.89	-1.13	1	0.73838	6868	n/a	n/a	10.5	7.7	4	4
59.11min : 870.545m/z	0.66685	1	0.89	-1.13	1	0.74126	273120	n/a	n/a	0.7	11.9	4	4
53.65min : 685.426m/z	0.66794	0.68571	1.01	1.01	1	0.74126	27672	n/a	n/a	22.4	37.5	4	4
65.00min : 2302.260m/z	0.66818	0.85714	1	1	1	0.74126	12248	n/a	n/a	24.6	28	4	3
85.16min : 2377.172m/z	0.67145	0.85714	0.95	-1.06	1	0.7432	18836	n/a	n/a	7.6	11.1	4	3
73.60min : 2175.995m/z	0.67284	1	0.98	-1.02	1	0.7432	4724	n/a	n/a	5.7	24.9	4	3
61.50min : 1258.692m/z	0.67369	0.88571	0.95	-1.05	1	0.7432	15060	n/a	n/a	9.3	16.4	4	4
46.07min : 515.331m/z	0.67382	1	0.89	-1.13	1	0.7432	8600	n/a	n/a	6.3	11.4	4	4
24.08min : 952.499m/z	0.67402	1	0.87	-1.15	1	0.7432	29384	n/a	n/a	11.5	18.3	4	4
45.53min : 1013.566m/z	0.67441	1	0.89	-1.12	1	0.7432	38112	n/a	n/a	7.2	10	4	4
26.42min : 1182.592m/z	0.68018	0.62857	0.94	-1.06	1	0.74873	12004	n/a	n/a	9.1	5.6	3	4
48.32min : 691.354m/z	0.68104	0.68571	0.84	-1.19	1	0.74884	90552	n/a	n/a	18.7	33.6	4	4
110.98min : 1946.003m/z	0.6836	0.4	0.8	-1.25	1	0.7507	16036	n/a	n/a	9.9	54	3	4
26.15min : 660.431m/z	0.68424	0.88571	0.96	-1.05	1	0.7507	7100	n/a	n/a	10.6	18.2	4	4
27.28min : 1114.568m/z	0.69405	1	0.88	-1.14	1	0.76062	46336	n/a	n/a	19.1	7.3	4	4
55.54min : 824.502m/z	0.70075	0.88571	0.96	-1.05	1	0.76712	135432	n/a	n/a	18.2	13.1	4	4
93.66min : 907.507m/z	0.70496	1	0.96	-1.04	1	0.77088	16876	n/a	n/a	15.5	14.8	3	3
68.24min : 1076.603m/z	0.71042	0.85714	0.94	-1.06	1	0.776	100656	n/a	n/a	14.7	5.7	4	3
46.67min : 1532.722m/z	0.71353	0.68571	0.97	-1.03	1	0.77818	34036	n/a	n/a	10.8	31.5	4	4
25.57min : 688.428m/z	0.71399	1	0.88	-1.14	1	0.77818	4836	n/a	n/a	4.6	16.8	3	3
50.76min : 1191.600m/z	0.71565	0.85714	0.97	-1.03	1	0.77914	21728	n/a	n/a	18.2	20.3	3	4
32.87min : 925.448m/z	0.71694	0.62857	0.89	-1.12	1	0.7795	35432	n/a	n/a	0.9	10.7	4	3
28.97min : 923.571m/z	0.71754	0.68571	0.89	-1.13	1	0.7795	191212	n/a	n/a	12.8	10.5	4	4
30.59min : 967.550m/z	0.71912	0.88571	0.94	-1.07	1	0.77951	63236	n/a	n/a	12.8	2.3	4	4
71.04min : 1525.774m/z	0.71913	1	0.95	-1.05	1	0.77951	64096	n/a	n/a	16.1	11.8	4	3
89.75min : 1081.571m/z	0.71998	0.85714	0.93	-1.08	1	0.77958	21376	n/a	n/a	4.6	4.8	4	3
25.66min : 806.340m/z	0.72196	1	0.97	-1.03	1	0.78088	55116	n/a	n/a	11.6	32.2	4	4
94.70min : 1014.545m/z	0.72778	1	0.97	-1.03	1	0.78632	9988	n/a	n/a	10.6	24.4	4	3
55.58min : 672.406m/z	0.73172	1	0.82	-1.21	1	0.78972	48656	n/a	n/a	28.8	46.8	4	4
80.39min : 1527.748m/z	0.73334	0.62857	1.07	1.07	1	0.79061	36928	n/a	n/a	59	55.4	4	3
33.90min : 942.412m/z	0.73614	1	0.94	-1.07	1	0.79277	20308	n/a	n/a	11.6	4.1	4	3

43.85min : 766.374m/z	0.73883	0.68571	0.87	-1.15	1	0.79481	51252	n/a	n/a	7.9	23.9	4	4
63.52min : 2238.054m/z	0.7432	1	0.88	-1.13	1	0.79818	16332	n/a	n/a	7.4	17.2	4	4
34.24min : 1776.838m/z	0.74404	0.88571	0.95	-1.05	1	0.79818	10752	n/a	n/a	17.8	12.7	4	4
28.69min : 1023.514m/z	0.74438	0.88571	0.87	-1.15	1	0.79818	22832	n/a	n/a	12.8	25.4	4	4
58.14min : 393.211m/z	0.75574	0.48571	0.95	-1.05	1	0.80949	166924	n/a	n/a	18.8	16.4	4	4
49.13min : 1334.637m/z	0.76161	1	0.88	-1.13	1	0.8149	5824	n/a	n/a	10.2	14.5	3	3
40.72min : 708.369m/z	0.76359	1	0.94	-1.06	1	0.81614	34532	n/a	n/a	6.9	19.5	4	4
79.04min : 539.269m/z	0.76478	0.85714	0.89	-1.13	1	0.81653	40336	n/a	n/a	15.2	9.1	4	3
62.20min : 932.607m/z	0.76639	1	0.89	-1.12	1	0.81738	4256	n/a	n/a	11.1	6.2	3	4
86.99min : 1862.938m/z	0.76833	0.62857	1.03	1.03	1	0.81857	15596	n/a	n/a	1.6	63.8	4	3
93.92min : 1492.748m/z	0.77042	1	0.94	-1.06	1	0.81992	8832	n/a	n/a	13.3	13.7	4	4
108.21min : 389.252m/z	0.77388	0.85714	0.98	-1.02	1	0.82272	7628	n/a	n/a	25.9	35.6	4	3
93.77min : 1506.781m/z	0.77599	0.62857	0.83	-1.2	1	0.82408	7232	n/a	n/a	38.1	39.3	4	3
80.68min : 1656.830m/z	0.78664	0.85714	0.89	-1.12	1	0.83449	68928	n/a	n/a	6.9	12.8	4	3
73.13min : 1633.825m/z	0.79282	1	0.94	-1.06	1	0.84003	85316	n/a	n/a	8.4	18.6	4	3
110.76min : 1658.846m/z	0.79488	0.62857	0.98	-1.02	1	0.84003	16948	n/a	n/a	3.9	39.6	4	3
44.12min : 1552.836m/z	0.79506	0.88571	0.94	-1.06	1	0.84003	14004	n/a	n/a	14.5	13.8	4	4
50.35min : 1075.576m/z	0.79524	0.62857	0.94	-1.06	1	0.84003	9372	n/a	n/a	6.7	16.3	4	3
62.03min : 966.558m/z	0.79886	0.85714	0.92	-1.09	1	0.84295	7068	n/a	n/a	2	5	3	4
32.60min : 717.354m/z	0.80033	0.88571	0.84	-1.19	1	0.84362	31676	n/a	n/a	28	53.4	4	4
36.90min : 998.460m/z	0.80448	0.88571	0.88	-1.14	1	0.84709	12272	n/a	n/a	26.7	15.3	4	4
23.44min : 870.482m/z	0.80997	1	0.89	-1.12	1	0.85197	6524	n/a	n/a	9.8	10.9	3	3
58.17min : 409.185m/z	0.81868	0.7	0.89	-1.12	1	0.86022	14400	n/a	n/a	12.6	11.8	3	3
59.33min : 1649.855m/z	0.82179	1	0.93	-1.08	1	0.86258	11660	n/a	n/a	10.7	3.9	4	4
22.33min : 686.401m/z	0.82851	0.88571	0.84	-1.2	1	0.86871	31564	n/a	n/a	48.5	59.9	4	4
36.52min : 1509.732m/z	0.83154	0.68571	0.89	-1.13	1	0.87089	16992	n/a	n/a	9.3	25	4	4
65.32min : 1776.867m/z	0.83234	0.62857	0.94	-1.06	1	0.87089	24152	n/a	n/a	6.1	23	4	3
41.42min : 2315.167m/z	0.83741	0.7	0.94	-1.06	1	0.87527	13404	n/a	n/a	3.8	20.6	3	3
89.52min : 1919.100m/z	0.83932	0.4	0.87	-1.15	1	0.87548	22684	n/a	n/a	48.3	8.4	4	3
44.78min : 818.313m/z	0.83937	1	0.91	-1.1	1	0.87548	10992	n/a	n/a	5.7	4.7	3	4
21.48min : 977.519m/z	0.8418	1	0.93	-1.07	1	0.87709	17596	n/a	n/a	10.7	16.4	4	4
66.31min : 1690.763m/z	0.84618	0.7	0.9	-1.11	1	0.88033	7316	n/a	n/a	4	14.4	3	3

65.19min : 437.238m/z	0.84668	0.85714	0.89	-1.13	1	0.88033	160532	n/a	n/a	22.2	16	4	3
30.74min : 962.456m/z	0.85065	0.88571	0.92	-1.09	1	0.88346	8088	n/a	n/a	3.8	5	4	4
67.56min : 1589.880m/z	0.85224	1	0.93	-1.07	1	0.88346	5660	n/a	n/a	9.5	13.8	3	3
61.24min : 407.190m/z	0.85235	0.85714	0.94	-1.06	1	0.88346	109488	n/a	n/a	24.1	14.2	3	4
51.66min : 740.505m/z	0.8594	1	0.93	-1.07	1	0.88983	4780	n/a	n/a	5.2	15.1	4	3
59.04min : 939.487m/z	0.86624	1	0.89	-1.12	1	0.89599	8836	n/a	n/a	16.2	13.4	3	3
63.66min : 727.509m/z	0.86768	0.62857	0.92	-1.08	1	0.89654	11848	n/a	n/a	10.2	5.1	4	3
29.67min : 1141.563m/z	0.87096	1	0.92	-1.08	1	0.89892	33844	n/a	n/a	11.7	4.5	4	4
43.99min : 1218.649m/z	0.87179	0.88571	0.91	-1.1	1	0.89892	10652	n/a	n/a	2.9	10.2	4	4
74.98min : 1594.766m/z	0.87776	1	0.92	-1.08	1	0.90397	8000	n/a	n/a	5.6	7.6	4	3
62.92min : 1657.873m/z	0.8785	0.68571	0.9	-1.11	1	0.90397	16184	n/a	n/a	12.9	10.3	4	4
25.66min : 844.287m/z	0.89725	0.85714	0.88	-1.14	1	0.92231	9228	n/a	n/a	29	48.8	3	4
46.35min : 401.288m/z	0.8992	0.68571	0.91	-1.1	1	0.92335	4008	n/a	n/a	7.7	12.5	4	4
76.84min : 1543.698m/z	0.90925	0.85714	0.91	-1.1	1	0.9327	9872	n/a	n/a	4	12	4	3
32.13min : 716.431m/z	0.91403	0.62857	0.9	-1.11	1	0.93665	8088	n/a	n/a	4.4	24.6	4	3
64.79min : 341.219m/z	0.91587	1	0.91	-1.1	1	0.93727	3152	n/a	n/a	6.9	1.5	4	3
27.06min : 876.479m/z	0.91666	0.62857	0.9	-1.11	1	0.93727	4096	n/a	n/a	7.7	21.2	4	3
51.91min : 852.533m/z	0.91755	0.88571	0.92	-1.09	1	0.93727	10684	n/a	n/a	6.2	4.1	4	4
43.94min : 1234.605m/z	0.9189	0.85714	0.9	-1.11	1	0.93727	33744	n/a	n/a	10.3	21.4	3	4
68.28min : 992.544m/z	0.91935	0.85714	0.92	-1.08	1	0.93727	12080	n/a	n/a	16.8	6.2	4	3
20.64min : 870.428m/z	0.92158	1	0.91	-1.1	1	0.93858	11868	n/a	n/a	8.1	14.9	4	4
47.17min : 1286.551m/z	0.9276	0.85714	0.9	-1.11	1	0.94374	7844	n/a	n/a	11.6	22.4	3	4
47.16min : 1248.604m/z	0.93407	0.68571	0.91	-1.1	1	0.94935	89680	n/a	n/a	10	12.7	4	4
87.05min : 1816.002m/z	0.93764	0.85714	0.91	-1.1	1	0.95201	17532	n/a	n/a	6.3	5.8	4	3
26.74min : 996.522m/z	0.93927	0.88571	0.89	-1.12	1	0.95268	13440	n/a	n/a	45.3	39.5	4	4
40.58min : 1196.714m/z	0.94097	1	0.92	-1.09	1	0.95344	7296	n/a	n/a	7.4	8.6	4	4
80.72min : 1630.914m/z	0.94484	1	0.92	-1.09	1	0.95639	36668	n/a	n/a	8.5	14.6	4	3
80.36min : 1249.557m/z	0.95436	1	0.92	-1.09	1	0.96503	102088	n/a	n/a	8.8	5	4	3
27.10min : 1303.545m/z	0.96357	1	0.91	-1.1	1	0.97199	5876	n/a	n/a	4.5	7	4	3
96.25min : 1100.653m/z	0.9641	0.85843	0.91	-1.1	1	0.97199	9828	n/a	n/a	9.3	14.9	4	3
89.05min : 2211.109m/z	0.96416	0.62857	0.93	-1.07	1	0.97199	40433	n/a	n/a	7.2	67.6	4	3
43.75min : 1137.575m/z	0.98106	1	0.92	-1.09	1	0.98801	33744	n/a	n/a	10.9	16.5	3	3

30.02min : 1115.483m/z	0.98502	0.88571	0.91	-1.1	1	0.99021	12340	n/a	n/a	12.5	21.9	4	4
93.67min : 647.354m/z	0.98542	1	0.92	-1.09	1	0.99021	33616	n/a	n/a	6.4	13	4	3
29.62min : 662.352m/z	0.98622	1	0.91	-1.1	1	0.99021	5504	n/a	n/a	12.6	29.5	4	4
43.71min : 1926.034m/z	0.98756	0.62857	0.92	-1.09	1	0.99055	5520	n/a	n/a	8.1	27.2	4	3
73.13min : 1671.774m/z	0.992	1	0.91	-1.09	1	0.99348	9732	n/a	n/a	10.9	1.2	4	3
52.14min : 1224.629m/z	0.99248	1	0.91	-1.09	1	0.99348	25760	n/a	n/a	8.1	13	4	4
52.29min : 1146.586m/z	0.99824	1	0.91	-1.09	1	0.99824	102612	n/a	n/a	8.2	8.3	4	4

Table S2. List of the proteins differentially expressed and identified by label free shotgun proteomics.

Accession	Protein	MW [kDa]	pI	Scores	# Peptides ident	Sequence Coverage [%]	Ratio Median (Stem:Diff)	# Peptides quant	CV %
PUR4_HUMAN	Phosphoribosylformylglycinamide synthase GN=PFAS PE=1 SV=4	144.6	5.4	54.1	1	0.7	3.01	1	n.a.
RL10_HUMAN	60S ribosomal protein L10 GN=RPL10 PE=1 SV=4	24.6	11	72.2	1	6.5	2.61	1	n.a.
BAP31_HUMAN	B-cell receptor-associated protein 31 GN=BCAP31 PE=1 SV=3	28	9.1	29.9	1	5.7	2.35	1	n.a.
RL32_HUMAN	60S ribosomal protein L32 GN=RPL32 PE=1 SV=2	15.8	12.1	80.5	2	20.7	2.34	1	n.a.
NPM_HUMAN	Nucleophosmin GN=NPM1 PE=1 SV=2	32.6	4.5	342	5	31.6	2.18	1	n.a.
CLH1_HUMAN	Clathrin heavy chain 1 GN=CLTC PE=1 SV=5	191.5	5.4	210.6	5	3.9	2.04	1	n.a.
TCPB_HUMAN	T-complex protein 1 subunit beta GN=CCT2 PE=1 SV=4	57.5	6	1692.8	25	56.1	2.03	6	35.9
PCNA_HUMAN	Proliferating cell nuclear antigen GN=PCNA PE=1 SV=1	28.8	4.4	156	3	14.9	1.92	1	n.a.
CALD1_HUMAN	Caldesmon GN=CALD1 PE=1 SV=3	93.2	5.5	43.6	1	1.5	1.74	1	n.a.
FABP7_HUMAN	Fatty acid-binding protein, brain GN=FABP7 PE=1 SV=3	14.9	5.3	127.3	3	32.6	1.71	1	n.a.
RL26_HUMAN	60S ribosomal protein L26 GN=RPL26 PE=1 SV=1	17.2	11	114.7	2	15.9	1.69	2	18.92
RS27A_HUMAN	Ubiquitin-40S ribosomal protein S27a GN=RPS27A PE=1 SV=2	18	10.4	170.7	3	26.3	1.69	1	n.a.
HSP7C_HUMAN	Heat shock cognate 71 kDa protein GN=HSPA8 PE=1 SV=1	70.9	5.2	1232.3	20	34.1	1.66	4	15.33
TBB2B_HUMAN	Tubulin beta-2B chain GN=TUBB2B PE=1 SV=1	49.9	4.6	1696.7	22	56.2	1.62	4	14.3
TBB4B_HUMAN	Tubulin beta-4B chain GN=TUBB4B PE=1 SV=1	49.8	4.6	1603.6	21	48.1	1.62	4	14.3
TBB3_HUMAN	Tubulin beta-3 chain GN=TUBB3 PE=1 SV=2	50.4	4.7	933.9	13	25.8	1.62	4	14.3
EF2_HUMAN	Elongation factor 2 GN=EEF2 PE=1 SV=4	95.3	6.4	823.9	14	22	1.58	3	27.35
PDIA6_HUMAN	Protein disulfide-isomerase A6 GN=PDIA6 PE=1 SV=1	48.1	4.8	503.9	8	28.4	1.54	1	n.a.
TBB5_HUMAN	Tubulin beta chain GN=TUBB PE=1 SV=2	49.6	4.6	1864.6	25	59.2	1.53	5	17.26
TPM4_HUMAN	Tropomyosin alpha-4 chain GN=TPM4 PE=1 SV=3	28.5	4.5	327	4	20.2	1.48	1	n.a.
TCPE_HUMAN	T-complex protein 1 subunit epsilon GN=CCT5 PE=1 SV=1	59.6	5.3	387.4	6	14.6	1.36	1	n.a.
DPYL2_HUMAN	Dihydropyrimidinase-related protein 2 GN=DPYSL2 PE=1 SV=1	62.3	5.9	851.2	14	40.6	1.36	4	45.47
CISY_HUMAN	Citrate synthase, mitochondrial GN=CS PE=1 SV=2	51.7	9.1	120.9	2	4.7	1.35	1	n.a.
TBA1B_HUMAN	Tubulin alpha-1B chain GN=TUBA1B PE=1 SV=1	50.1	4.8	1119.9	18	57.6	1.34	2	6.41
TBA1A_HUMAN	Tubulin alpha-1A chain GN=TUBA1A PE=1 SV=1	50.1	4.8	1104.1	18	57.6	1.34	2	6.41
TBCA_HUMAN	Tubulin-specific chaperone A GN=TBCA PE=1 SV=3	12.8	5.1	130.8	1	16.7	1.33	1	n.a.

NUDC_HUMAN	Nuclear migration protein nudC GN=NUDC PE=1 SV=1	38.2	5.1	137.3	2	7.3	1.32	1	n.a.
TCPQ_HUMAN	T-complex protein 1 subunit theta GN=CCT8 PE=1 SV=4	59.6	5.3	254	5	12.8	1.32	1	n.a.
TCPA_HUMAN	T-complex protein 1 subunit alpha GN=TCP1 PE=1 SV=1	60.3	5.7	195.3	3	6.3	1.32	1	n.a.
HSP71_HUMAN	Heat shock 70 kDa protein 1A/1B GN=HSPA1A PE=1 SV=5	70	5.4	387.3	7	14	1.3	2	7.28
ACBP_HUMAN	Acyl-CoA-binding protein GN=DBI PE=1 SV=2	10	6.2	348.8	6	74.7	1.26	1	n.a.
RSSA_HUMAN	40S ribosomal protein SA GN=RPSA PE=1 SV=4	32.8	4.6	138.5	3	16.3	1.26	1	n.a.
MDHC_HUMAN	Malate dehydrogenase, cytoplasmic GN=MDH1 PE=1 SV=4	36.4	7.7	92.8	2	8.7	1.24	1	n.a.
ALDOA_HUMAN	Fructose-bisphosphate aldolase A GN=ALDOA PE=1 SV=2	39.4	9.2	381.3	6	15.9	1.24	2	7.03
TCPG_HUMAN	T-complex protein 1 subunit gamma GN=CCT3 PE=1 SV=4	60.5	6.1	358.2	6	14.3	1.22	2	3.89
GLU2B_HUMAN	Glucosidase 2 subunit beta GN=PRKCSH PE=1 SV=2	59.4	4.2	100.3	1	1.9	0.77	1	n.a.
KTHY_HUMAN	Thymidylate kinase GN=DTYMK PE=1 SV=4	23.8	9.3	34.3	1	4.7	0.77	1	n.a.
PRDX1_HUMAN	Peroxiredoxin-1 GN=PRDX1 PE=1 SV=1	22.1	9.2	439.2	9	49.7	0.75	2	38.7
HS90B_HUMAN	Heat shock protein HSP 90-beta GN=HSP90AB1 PE=1 SV=4	83.2	4.8	1372.6	24	34.7	0.7	4	61.79
TERA_HUMAN	Transitional endoplasmic reticulum ATPase GN=VCP PE=1 SV=4	89.3	5	852	19	32	0.69	3	5.9
GRP78_HUMAN	78 kDa glucose-regulated protein GN=HSPA5 PE=1 SV=2	72.3	4.9	798.1	15	31.2	0.68	1	n.a.
ATP5J_HUMAN	ATP synthase-coupling factor 6, mitochondrial GN=ATP5J PE=1 SV=1	12.6	10	38.8	1	13	0.68	1	n.a.
1433T_HUMAN	14-3-3 protein theta GN=YWHAQ PE=1 SV=1	27.7	4.5	450.8	10	51.8	0.68	1	n.a.
1433B_HUMAN	14-3-3 protein beta/alpha GN=YWHAB PE=1 SV=3	28.1	4.6	339.8	6	32.1	0.68	1	n.a.
COTL1_HUMAN	Coactosin-like protein GN=COTL1 PE=1 SV=3	15.9	5.4	85.9	2	18.3	0.68	1	n.a.
F10A1_HUMAN	Hsc70-interacting protein GN=ST13 PE=1 SV=2	41.3	5	116	3	11.1	0.68	1	n.a.
LEG1_HUMAN	Galectin-1 GN=LGALS1 PE=1 SV=2	14.7	5.2	157.2	3	28.9	0.67	1	n.a.
VIME_HUMAN	Vimentin GN=VIM PE=1 SV=4	53.6	4.9	1219.5	21	50.6	0.67	5	41.35
ATPB_HUMAN	ATP synthase subunit beta, mitochondrial GN=ATP5B PE=1 SV=3	56.5	5.1	771	14	38.8	0.65	1	n.a.
RL13_HUMAN	60S ribosomal protein L13 GN=RPL13 PE=1 SV=4	24.2	12.2	123.7	3	10.9	0.62	1	n.a.
ANXA6_HUMAN	Annexin A6 GN=ANXA6 PE=1 SV=3	75.8	5.3	141.1	2	4.6	0.61	1	n.a.
ALBU_HUMAN	Serum albumin GN=ALB PE=1 SV=2	69.3	5.9	248.7	5	7.1	0.59	2	5.24
RS30_HUMAN	40S ribosomal protein S30 GN=FAU PE=1 SV=1	6.6	12.6	49.9	1	16.9	0.57	1	n.a.
KCRB_HUMAN	Creatine kinase B-type GN=CKB PE=1 SV=1	42.6	5.2	903.3	14	60.6	0.56	2	36
ENOA_HUMAN	Alpha-enolase GN=ENO1 PE=1 SV=2	47.1	7.7	1076.8	19	57.6	0.56	5	64.3
TKT_HUMAN	Transketolase GN=TKT PE=1 SV=3	67.8	8.5	451.3	9	19.1	0.56	2	4.36

UGPA_HUMAN	UTP--glucose-1-phosphate uridylyltransferase GN=UGP2 PE=1 SV=5	56.9	8.9	161.9	3	8.3	0.56	1	n.a.
STIP1_HUMAN	Stress-induced-phosphoprotein 1 GN=STIP1 PE=1 SV=1	62.6	6.4	211.6	2	5.5	0.55	1	n.a.
PA1B3_HUMAN	Platelet-activating factor acetylhydrolase IB sub gamma GN=PAFAH1B3 PE=1 SV=1	25.7	6.4	68	1	5.2	0.52	1	n.a.
MDHM_HUMAN	Malate dehydrogenase, mitochondrial GN=MDH2 PE=1 SV=3	35.5	9.8	321.4	6	25.1	0.51	1	n.a.
ACTB_HUMAN	Actin, cytoplasmic 1 GN=ACTB PE=1 SV=1	41.7	5.2	1581.3	25	66.1	0.51	3	16.46
TCPH_HUMAN	T-complex protein 1 subunit eta GN=CCT7 PE=1 SV=2	59.3	8.6	317.2	5	14.7	0.47	1	n.a.
LMNA_HUMAN	Prelamin-A/C GN=LMNA PE=1 SV=1	74.1	6.6	408.2	9	16.1	0.46	1	n.a.
TPIS_HUMAN	Triosephosphate isomerase GN=TPI1 PE=1 SV=3	30.8	5.6	563.9	10	51.4	0.45	4	14.18
HNRPK_HUMAN	Heterogeneous nuclear ribonucleoprotein K GN=HNRNPK PE=1 SV=1	50.9	5.3	492.8	8	20.7	0.45	1	n.a.
PDIA3_HUMAN	Protein disulfide-isomerase A3 GN=PDIA3 PE=1 SV=4	56.7	5.9	318.7	7	20	0.42	1	n.a.
HNRPU_HUMAN	Heterogeneous nuclear ribonucleoprotein U GN=HNRNPU PE=1 SV=6	90.5	5.7	333.3	6	11.3	0.3	1	n.a.
XRCC6_HUMAN	X-ray repair cross-complementing protein 6 GN=XRCC6 PE=1 SV=2	69.8	6.2	178.2	4	10.3	0.28	1	n.a.

Table S3. KEGG enrichment analysis.

PathwayName	#Gene	EntrezGene	Statistics
Pathogenic Escherichia coli infection	9	7846 10383 10971 347733 60 7534 203068 10381 10376	C=56;O=9;E=0.11;R=84.53;rawP=1.45e-15;adjP=5.51e-14
Protein processing in endoplasmic reticulum	11	5589 3326 3312 3309 2923 3320 10130 10134 3303 7415 3304	C=165;O=11;E=0.31;R=35.06;rawP=2.03e-14;adjP=3.86e-13
Metabolic pathways	18	1841 2597 7360 4191 7086 506 5315 522 5198 5050 226 1431 4190 1152 498 2023 71673945	C=1130;O=18;E=2.15;R=8.38;rawP=3.57e-12;adjP=4.52e-11
Antigen processing and presentation	7	2923 3320 3326 3303 3312 3309 3304	C=76;O=7;E=0.14;R=48.44;rawP=1.36e-10;adjP=1.29e-09
Glycolysis / Gluconeogenesis	6	2597 5315 2023 7167 226 3945	C=65;O=6;E=0.12;R=48.55;rawP=2.96e-09;adjP=2.25e-08
Ribosome	6	6137 6154 6161 6134 6233 3921	C=92;O=6;E=0.17;R=34.30;rawP=2.45e-08;adjP=1.16e-07
Gap junction	6	347733 7846 10383 203068 10376 10381	C=90;O=6;E=0.17;R=35.06;rawP=2.15e-08;adjP=1.16e-07
Phagosome	7	347733 60 7846 10383 203068 10376 10381	C=153;O=7;E=0.29;R=24.06;rawP=1.87e-08;adjP=1.16e-07
Spliceosome	6	3190 3192 3303 3312 3304 3183	C=127;O=6;E=0.24;R=24.85;rawP=1.69e-07;adjP=7.14e-07
Pyruvate metabolism	4	4190 5315 4191 3945	C=40;O=4;E=0.08;R=52.59;rawP=1.05e-06;adjP=3.99e-06

Table S4. Protein-Protein Interaction result Table.

N	Gene 1	Gene 2	Interaction Context
1	10963	NME1-NME2	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
2	MTNR1B	10130	PUBMED:17215244,PSI-MI:"MI:0914"(ASSOCIATION)
3	MTNR1B	3309	PUBMED:17215244,PSI-MI:"MI:0914"(ASSOCIATION)
4	OLFM2	5315	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
5	OLFM2	6767	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
6	6767	OLFM2	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
7	6767	PCBD1	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
8	7360	PCBP1	IMEX:IM-11827,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION) PUBMED:16713569
9	10383	CDKN2A	PUBMED:17955473,PSI-MI:"MI:0914"(ASSOCIATION) IMEX:IM-11893
10	10383	PCBD1	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
11	5589	RGS2	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
12	5589	ELF3	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
13	4191	MAPK13	PUBMED:19135240 IMEX:IM-12163,PSI-MI:"MI:0914"(ASSOCIATION)
14	4869	CHAF1A	PUBMED:19410544 IMEX:IM-12179,PSI-MI:"MI:0403"(COLOCALIZATION)
15	522	ATP5F1	PUBMED:19688755,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
16	PCBP1	3190	IMEX:IM-11827,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION) PUBMED:16713569
17	PCBP1	7360	IMEX:IM-11827,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION) PUBMED:16713569
18	10134	DERL1	IMEX:IM-11923 PUBMED:18555783,PSI-MI:"MI:0914"(ASSOCIATION)
19	3303	PRR5-ARHGAP8	PUBMED:17461779,PSI-MI:"MI:0914"(ASSOCIATION)
20	3303	CDH1	PUBMED:16212417,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
21	APP	2923	PUBMED:15896298,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
22	APP	5478	PUBMED:16049941,PSI-MI:"MI:0914"(ASSOCIATION)
23	22948	6950	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
24	22948	XRN1	PUBMED:15231747,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)

25	5111	CDKN2A	PUBMED:17955473,PSI-MI:"MI:0407"(DIRECT INTERACTION)
			IMEX:IM-11893
26	5111	CHAF1A	PUBMED:15805117,PSI-MI:"MI:0914"(ASSOCIATION)
27	6134	STAU1	PUBMED:15303970,PSI-MI:"MI:0914"(ASSOCIATION)
28	CDH1	3303	PUBMED:16212417,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
29	CDH1	4000	PUBMED:16212417,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
30	IKBKB	347733	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
31	IKBKB	3192	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
32	1431	TAB2	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
33	10574	6950	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
34	3192	STAU1	PUBMED:15121898,PSI-MI:"MI:0914"(ASSOCIATION)
35	3192	TANK	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
36	3192	IKBKB	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
37	2023	60	PUBMED:15047060,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
38	2023	MAP3K7	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
39	10130	NME1-NME2	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
40	10130	MTNR1B	PUBMED:17215244,PSI-MI:"MI:0914"(ASSOCIATION)
41	1072	7534	PUBMED:12361576,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
42	1072	60	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
43	10576	6950	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
44	10576	FCHSD2	IMEX:IM-13772
			PUBMED:18654987,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
45	ACTR6	6624	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
46	ACTR6	7086	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
47	2597	5050	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
48	2597	5052	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
49	7846	MARK4	PUBMED:14594945,PSI-MI:"MI:0914"(ASSOCIATION)
50	GZMA	3320	PUBMED:18485875,PSI-MI:"MI:0914"(ASSOCIATION)
			IMEX:IM-11918
51	GZMA	3304	PUBMED:18485875,PSI-MI:"MI:0914"(ASSOCIATION)
			IMEX:IM-11918
52	3326	4190	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
53	3326	5315	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
54	3326	1938	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
55	3326	3921	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)

56	3326	226	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
57	3312	RGS2	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
58	3312	TSSK6	PUBMED:15870294,PSI-MI:"MI:0914"(ASSOCIATION)
59	3309	MTNR1B	PUBMED:17215244,PSI-MI:"MI:0914"(ASSOCIATION)
60	3309	PSME3	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
61	3183	RBM41	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
62	3183	CDKN2A	PUBMED:17955473,PSI-MI:"MI:0914"(ASSOCIATION)
			IMEX:IM-11893
63	10971	SAMD4B	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
64	10971	PI4KB	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
65	7431	SH3YL1	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
66	VDAC1	6624	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
67	VDAC1	10726	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
68	SIRT3	506	IMEX:IM-12078
			PUBMED:19343720,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
69	SIRT3	3313	IMEX:IM-12078
			PUBMED:19343720,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
70	7415	DERL1	IMEX:IM-11862,PSI-MI:"MI:0914"(ASSOCIATION)
			PUBMED:16901789
71	7415	FCHSD2	IMEX:IM-13772
			PUBMED:18654987,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
72	3921	60	PUBMED:15047060,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
73	3921	CLEC4G	PUBMED:18624398,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
74	3921	3326	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
75	10376	PRR5-ARHGAP8	PUBMED:17461779,PSI-MI:"MI:0914"(ASSOCIATION)
76	CHAF1A	4869	PUBMED:19410544
			IMEX:IM-12179,PSI-MI:"MI:0403"(COLOCALIZATION)
77	CHAF1A	5111	PUBMED:15805117,PSI-MI:"MI:0914"(ASSOCIATION)
78	ATP5F1	498	PUBMED:19688755,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
79	ATP5F1	506	PUBMED:19688755,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
80	ATP5F1	522	PUBMED:19688755,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
81	2670	SH3YL1	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
82	2670	GRAP2	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
83	6950	7203	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)

84	6950	22948	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
85	6950	10576	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
86	6950	10574	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
87	6950	10694	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
88	5198	TFE3	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
89	5050	2597	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
90	5050	DDX24	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
91	TAB2	1213	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
92	TAB2	1431	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
93	2547	PAEP	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
94	2547	1213	PUBMED:15383276,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
95	1213	TAB2	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
96	1213	TANK	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
97	1213	2547	PUBMED:15383276,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
98	226	XRN1	PUBMED:15231747,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
99	226	3326	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
100	226	USP15	IMEX:IM-12079
			PUBMED:19615732,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
101	60	309	PUBMED:15047060,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
102	60	2023	PUBMED:15047060,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
103	60	3921	PUBMED:15047060,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
104	60	1072	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
105	MAPK13	2923	PUBMED:19135240
			IMEX:IM-12163,PSI-MI:"MI:0914"(ASSOCIATION)
106	MAPK13	4191	PUBMED:19135240
			IMEX:IM-12163,PSI-MI:"MI:0914"(ASSOCIATION)
107	MAPK13	3945	PUBMED:19135240
			IMEX:IM-12163,PSI-MI:"MI:0914"(ASSOCIATION)
108	XRN1	22948	PUBMED:15231747,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
109	XRN1	226	PUBMED:15231747,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
110	TAF9	6902	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
111	TAF9	6154	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
112	TAB1	347733	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
113	TAB1	3313	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
114	203068	MARK4	PUBMED:14594945,PSI-MI:"MI:0914"(ASSOCIATION)

115	203068	TJP1	PUBMED:16944923,PSI-MI:"MI:0914"(ASSOCIATION)
116	7167	DDX24	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
117	PSTPIP1	6154	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
118	PSTPIP1	6161	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
119	USP15	1152	IMEX:IM-12079
			PUBMED:19615732,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
120	USP15	226	IMEX:IM-12079
			PUBMED:19615732,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
121	BRAF	3313	PUBMED:17979178
			IMEX:IM-11897,PSI-MI:"MI:0914"(ASSOCIATION)
122	BRAF	3304	PUBMED:17979178
			IMEX:IM-11897,PSI-MI:"MI:0914"(ASSOCIATION)
123	PAEP	1915	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
124	PAEP	2547	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
125	309	TJP1	PUBMED:16944923,PSI-MI:"MI:0914"(ASSOCIATION)
126	309	60	PUBMED:15047060,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
127	GRAP2	3190	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
128	GRAP2	2670	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
129	7086	ACTR6	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
130	2923	MAPK13	PUBMED:19135240
			IMEX:IM-12163,PSI-MI:"MI:0914"(ASSOCIATION)
131	2923	APP	PUBMED:15896298,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
132	TJP1	309	PUBMED:16944923,PSI-MI:"MI:0914"(ASSOCIATION)
133	TJP1	203068	PUBMED:16944923,PSI-MI:"MI:0914"(ASSOCIATION)
134	506	PSME3	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
135	506	SIRT3	IMEX:IM-12078
			PUBMED:19343720,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
136	506	ATP5F1	PUBMED:19688755,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
137	RGS2	5589	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
138	RGS2	3312	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
139	1915	PAEP	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
140	5478	APP	PUBMED:16049941,PSI-MI:"MI:0914"(ASSOCIATION)
141	4000	CDH1	PUBMED:16212417,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
142	ELF3	6624	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
143	ELF3	5589	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)

144	6137	TBK1	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
145	MARK4	7846	PUBMED:14594945,PSI-MI:"MI:0914"(ASSOCIATION)
146	MARK4	203068	PUBMED:14594945,PSI-MI:"MI:0914"(ASSOCIATION)
147	FCHSD2	10576	IMEX:IM-13772 PUBMED:18654987,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
148	FCHSD2	7415	IMEX:IM-13772 PUBMED:18654987,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
149	PI4KB	10971	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
150	PI4KB	7529	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
151	1938	3326	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
152	PAK2	6161	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
153	PAK2	10726	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
154	TANK	3192	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
155	TANK	1213	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
156	6902	TAF9	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
157	1152	USP15	IMEX:IM-12079 PUBMED:19615732,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
158	3320	GZMA	PUBMED:18485875,PSI-MI:"MI:0914"(ASSOCIATION) IMEX:IM-11918
159	RBM41	3190	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
160	RBM41	3183	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
161	MAP3K7	347733	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
162	MAP3K7	2023	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
163	10381	STAU1	PUBMED:15303970,PSI-MI:"MI:0914"(ASSOCIATION)
164	3945	MAPK13	PUBMED:19135240 IMEX:IM-12163,PSI-MI:"MI:0914"(ASSOCIATION)
165	3945	TBK1	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
166	10726	VDAC1	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
167	10726	PAK2	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
168	SAMD4B	10971	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
169	SAMD4B	7534	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
170	6154	TAF9	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
171	6154	PSTPIP1	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
172	STAU1	3192	PUBMED:15121898,PSI-MI:"MI:0914"(ASSOCIATION)
173	STAU1	6134	PUBMED:15303970,PSI-MI:"MI:0914"(ASSOCIATION)

174	STAU1	10381	PUBMED:15303970,PSI-MI:"MI:0914"(ASSOCIATION)
175	TBK1	6137	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
176	TBK1	498	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
177	TBK1	3945	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
178	DDX24	5050	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
179	DDX24	7167	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
180	CLEC4G	5052	PUBMED:18624398,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
181	CLEC4G	3921	PUBMED:18624398,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
182	7203	6950	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
183	SH3YL1	2670	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
184	SH3YL1	7431	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
185	TSSK6	3312	PUBMED:15870294,PSI-MI:"MI:0914"(ASSOCIATION)
186	TSSK6	3304	PUBMED:15870294,PSI-MI:"MI:0914"(ASSOCIATION)
187	5315	OLFM2	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
188	5315	3326	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
189	10694	6950	PUBMED:16085932,PSI-MI:"MI:0914"(ASSOCIATION)
190	5052	2597	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
191	5052	CLEC4G	PUBMED:18624398,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
192	3304	PRR5-ARHGAP8	PUBMED:17461779,PSI-MI:"MI:0914"(ASSOCIATION)
193	3304	BRAF	PUBMED:17979178 IMEX:IM-11897,PSI-MI:"MI:0914"(ASSOCIATION)
194	3304	TSSK6	PUBMED:15870294,PSI-MI:"MI:0914"(ASSOCIATION)
195	3304	GZMA	PUBMED:18485875,PSI-MI:"MI:0914"(ASSOCIATION) IMEX:IM-11918
196	DERL1	10134	IMEX:IM-11923 PUBMED:18555783,PSI-MI:"MI:0914"(ASSOCIATION)
197	DERL1	7415	IMEX:IM-11862,PSI-MI:"MI:0914"(ASSOCIATION) PUBMED:16901789
198	PRR5-ARHGAP8	3303	PUBMED:17461779,PSI-MI:"MI:0914"(ASSOCIATION)
199	PRR5-ARHGAP8	3304	PUBMED:17461779,PSI-MI:"MI:0914"(ASSOCIATION)
200	PRR5-ARHGAP8	10376	PUBMED:17461779,PSI-MI:"MI:0914"(ASSOCIATION)
201	3313	BRAF	PUBMED:17979178

			IMEX:IM-11897,PSI-MI:"MI:0914"(ASSOCIATION)
202	3313	TAB1	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
203	3313	SIRT3	IMEX:IM-12078
			PUBMED:19343720,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
204	NME1-NME2	10963	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
205	NME1-NME2	10130	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
206	6161	PAK2	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
207	6161	PSTPIP1	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
208	6624	ACTR6	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
209	6624	VDAC1	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
210	6624	TFE3	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
211	6624	ELF3	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
212	TFE3	5198	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
213	TFE3	6624	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
214	PCBD1	6767	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
215	PCBD1	10383	PUBMED:20195357,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
216	3190	RBM41	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
217	3190	PCBP1	IMEX:IM-11827,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
			PUBMED:16713569
218	3190	GRAP2	PUBMED:16189514,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
219	347733	MAP3K7	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
220	347733	TAB1	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
221	347733	IKBKB	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
222	4190	3326	PUBMED:16263121,PSI-MI:"MI:0914"(ASSOCIATION)
223	7534	SAMD4B	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
224	7534	1072	PUBMED:12361576,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
225	498	TBK1	PUBMED:14743216,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
226	498	ATP5F1	PUBMED:19688755,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
227	PSME3	506	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
228	PSME3	3309	PUBMED:16169070,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
229	7529	PI4KB	PUBMED:17353931,PSI-MI:"MI:0915"(PHYSICAL ASSOCIATION)
230	CDKN2A	5111	PUBMED:17955473,PSI-MI:"MI:0407"(DIRECT INTERACTION)
			IMEX:IM-11893
231	CDKN2A	10383	PUBMED:17955473,PSI-MI:"MI:0914"(ASSOCIATION)
			IMEX:IM-11893

232	CDKN2A	3183	PUBMED:17955473,PSI-MI:"MI:0914"(ASSOCIATION)
			IMEX:IM-11893

