class12

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Q1. How many genes are in this dataset? 4
38694 genes 5
Q2. How many 'control' cell lines do we have? 5
4 5

3. Toy differential gene expression **5**
Q3. How would you make the code in either approach in the workbook more robust? 588
By doing each step as a separate line of code (as we did above) so that it's easy for others and future me to understand. 588
Q4. Follow the same procedure for the treated samples (i.e. calculate the mean per gene across drug treated samples and assign to a labeled vector called treated.mean) 588
Q5 (a). Create a scatter plot showing the mean of the treated samples against the mean of the control samples. 1489
Q5 (b).You could also use the ggplot2 package to make this figure producing the plot below. What geom_?() function would you use for this plot? 1489
geom_point() 1489
Q6. Try plotting both axes on a log scale. What is the argument to plot() that allows you to do this? 1490
log="xy" 1490
Q7. What is the purpose of the arr.ind argument in the which() function call above? Why would we then take the first column of the output and need to call the unique() function? 1493
The arr.ind argument will tell us which genes and samples have 0 counts. We take the first column and call the unique() function so we don't count any rows twice if it has 0 in multiple samples. 1493
Q8. Can you determine how many up regulated genes we have at the greater than 2 fc level? 1493
314 1493

Q9. Can you determine how many down regulated genes we have at the greater than 2 fc level? . . . 1493
485 . . . 1494
Q10. Do you trust these results? Why or why not? . . . 1494
No, we still need to know which values are statistically significant before we can trust the results. . . . 1494

4. DESeq2 analysis **1494**

6. Data Visualization **1495**

```
#install.packages("BiocManager")
#BiocManager::install()
```

```
#BiocManager::install("DESeq2")
```

For today's lab class, we will examine a published RNA-seq experiment where airway smooth muscle cells were treated with dexamethasone

```
library(DESeq2)
```

```
Warning: package 'matrixStats' was built under R version 4.2.2
```

2. Import countData and colData

We need at least two things:

- count data (genes in rows and experiments in cols)
- metadata (aka "colData")

```
counts <- read.csv("airway_scaledcounts.csv", row.names=1)
metadata <- read.csv("airway_metadata.csv")
```

```
metadata
```

```
          id     dex celltype     geo_id
1 SRR1039508 control   N61311 GSM1275862
2 SRR1039509 treated   N61311 GSM1275863
3 SRR1039512 control  N052611 GSM1275866
```

```
4 SRR1039513 treated  N052611 GSM1275867
5 SRR1039516 control  N080611 GSM1275870
6 SRR1039517 treated  N080611 GSM1275871
7 SRR1039520 control  N061011 GSM1275874
8 SRR1039521 treated  N061011 GSM1275875
```

```r
head(counts)
```

```
                SRR1039508 SRR1039509 SRR1039512 SRR1039513 SRR1039516
ENSG00000000003        723        486        904        445       1170
ENSG00000000005          0          0          0          0          0
ENSG00000000419        467        523        616        371        582
ENSG00000000457        347        258        364        237        318
ENSG00000000460         96         81         73         66        118
ENSG00000000938          0          0          1          0          2
                SRR1039517 SRR1039520 SRR1039521
ENSG00000000003       1097        806        604
ENSG00000000005          0          0          0
ENSG00000000419        781        417        509
ENSG00000000457        447        330        324
ENSG00000000460         94        102         74
ENSG00000000938          0          0          0
```

We need to make sure that the metadata (i.e. colData) and our counts match!

```r
metadata$id
```

```
[1] "SRR1039508" "SRR1039509" "SRR1039512" "SRR1039513" "SRR1039516"
[6] "SRR1039517" "SRR1039520" "SRR1039521"
```

```r
colnames(counts)
```

```
[1] "SRR1039508" "SRR1039509" "SRR1039512" "SRR1039513" "SRR1039516"
[6] "SRR1039517" "SRR1039520" "SRR1039521"
```

We can use the "==" test for equality. Bascially is the bit on the right the same as the bit on the left of the == signs

```r
"barry" == "barry"
```

```
[1] TRUE
```

```r
"barry" == "Barry"
```

```
[1] FALSE
```

```r
# not equals
"barry" != "Barry"
```

```
[1] TRUE
```

```r
colnames(counts)==metadata$id
```

```
[1] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
```

We can use the "all()" function to check if all the inputs are TRUE.

```r
#the all function just checks if everything is true
all(c(T,T,T,T))
```

```
[1] TRUE
```

```r
all(c(T,T,T,F))
```

```
[1] FALSE
```

```r
all(colnames(counts)==metadata$id)
```

```
[1] TRUE
```

```r
# they match!
```

Q1. How many genes are in this dataset?

```r
nrow(counts)
```

```
[1] 38694
```

38694 genes

Q2. How many 'control' cell lines do we have?

4

3. Toy differential gene expression

Find the mean count values per gene for control samples

```r
#where the info of control vs treated is
metadata$dex
```

```
[1] "control" "treated" "control" "treated" "control" "treated" "control"
[8] "treated"
```

```r
#which samples are control
control.inds <- metadata$dex == "control"
control.inds
```

```
[1]  TRUE FALSE  TRUE FALSE  TRUE FALSE  TRUE FALSE
```

```r
#pull out the metadata for just the control samples
metadata[control.inds,]
```

```
          id     dex celltype     geo_id
1 SRR1039508 control   N61311 GSM1275862
3 SRR1039512 control  N052611 GSM1275866
5 SRR1039516 control  N080611 GSM1275870
7 SRR1039520 control  N061011 GSM1275874
```

```r
#pulling out the sample IDs of the control samples
control.ids <- metadata[control.inds, "id"]
control.ids
```

```
[1] "SRR1039508" "SRR1039512" "SRR1039516" "SRR1039520"
```

```r
#pulling out the counts for just the sample IDs that are controls
control.counts <- counts[,control.ids]
control.counts
```

```
                SRR1039508 SRR1039512 SRR1039516 SRR1039520
ENSG00000000003        723        904       1170        806
ENSG00000000005          0          0          0          0
ENSG00000000419        467        616        582        417
ENSG00000000457        347        364        318        330
ENSG00000000460         96         73        118        102
ENSG00000000938          0          1          2          0
ENSG00000000971       3413       6000       6424       5039
ENSG00000001036       2328       2640       2165       2175
ENSG00000001084        670        692        917        744
ENSG00000001167        426        531        740        414
ENSG00000001460        191        287        256        173
ENSG00000001461       2232       5252       2699       2495
ENSG00000001497        556        619        666        517
ENSG00000001561         74        212         22        134
ENSG00000001617        560        934        706        581
ENSG00000001626         16         14          8          7
ENSG00000001629       1491       2438       2838       1817
ENSG00000001630       1014       1135       1374        947
ENSG00000001631        694       1052       1137        861
ENSG00000002016        256        263        308        178
ENSG00000002079          1          7          1          0
ENSG00000002330        760        796        769        615
ENSG00000002549       1460       1280       1428        829
ENSG00000002586       7314       9639      11373       6885
ENSG00000002587          2          1          1          3
ENSG00000002726          1          4          0          0
ENSG00000002745          5         28          2          4
ENSG00000002746        172        104        130         94
ENSG00000002822        391        415        424        311
ENSG00000002834       7577       9125       7858       6996
```

ENSG00000002919	230	273	247	200
ENSG00000002933	1296	594	36	69
ENSG00000003056	1954	1960	2096	1839
ENSG00000003096	644	590	555	536
ENSG00000003137	140	235	31	191
ENSG00000003147	9	9	8	10
ENSG00000003249	85	221	107	173
ENSG00000003393	900	875	979	846
ENSG00000003400	101	121	97	109
ENSG00000003402	2065	2340	2828	1744
ENSG00000003436	4665	6899	9138	3913
ENSG00000003509	306	379	410	258
ENSG00000003756	3095	3940	3701	2801
ENSG00000003987	25	34	23	15
ENSG00000003989	61	13	44	17
ENSG00000004059	1589	1519	1747	1396
ENSG00000004139	311	326	370	357
ENSG00000004142	1501	1618	1746	1129
ENSG00000004399	4107	3858	5515	2670
ENSG00000004455	1349	1549	1568	1040
ENSG00000004468	8	2	8	4
ENSG00000004478	552	727	870	507
ENSG00000004487	1345	1705	1796	1195
ENSG00000004534	1246	2084	1715	1209
ENSG00000004660	98	59	87	156
ENSG00000004700	1376	1714	1293	1177
ENSG00000004766	567	533	638	464
ENSG00000004776	14175	13950	11255	15995
ENSG00000004777	206	102	78	119
ENSG00000004779	330	486	411	296
ENSG00000004799	82	127	226	647
ENSG00000004809	2	3	1	0
ENSG00000004838	19	28	25	20
ENSG00000004846	33	75	9	26
ENSG00000004848	0	0	0	0
ENSG00000004864	141	104	226	164
ENSG00000004866	522	1077	600	548
ENSG00000004897	1662	2114	1980	1823
ENSG00000004939	9	12	17	8
ENSG00000004948	0	0	0	0
ENSG00000004961	444	541	651	361
ENSG00000004975	1330	1146	1330	993
ENSG00000005001	0	0	0	0

ENSG00000005007	2288	2515	2227	1992
ENSG00000005020	881	781	752	704
ENSG00000005022	1581	1555	1472	1115
ENSG00000005059	200	242	194	209
ENSG00000005073	1	1	1	0
ENSG00000005075	631	719	730	481
ENSG00000005100	440	554	530	402
ENSG00000005102	1	0	3	0
ENSG00000005108	10	6	8	12
ENSG00000005156	370	370	402	247
ENSG00000005175	334	318	596	350
ENSG00000005187	24	35	33	34
ENSG00000005189	78	89	114	104
ENSG00000005194	438	620	522	324
ENSG00000005206	748	767	747	583
ENSG00000005238	801	853	991	615
ENSG00000005243	1171	1236	931	1037
ENSG00000005249	227	279	284	212
ENSG00000005302	441	488	579	381
ENSG00000005339	2660	3240	3210	2479
ENSG00000005379	213	120	150	157
ENSG00000005381	3	7	0	8
ENSG00000005421	0	0	1	0
ENSG00000005436	313	292	343	273
ENSG00000005448	241	267	233	171
ENSG00000005469	503	344	629	485
ENSG00000005471	67	61	18	49
ENSG00000005483	1863	1921	2491	1704
ENSG00000005486	741	1121	1113	900
ENSG00000005513	10	5	4	3
ENSG00000005700	543	790	657	574
ENSG00000005801	210	298	321	206
ENSG00000005810	3126	3159	3415	2792
ENSG00000005812	1493	1472	1192	1305
ENSG00000005844	5	1	9	3
ENSG00000005882	954	1254	1413	1147
ENSG00000005884	701	1582	1392	1253
ENSG00000005889	792	766	852	947
ENSG00000005893	5053	6271	5773	4612
ENSG00000005961	9	24	11	10
ENSG00000005981	4	4	8	16
ENSG00000006007	2249	3008	3340	1979
ENSG00000006015	544	416	261	429

ENSG00000006016	154	91	92	269
ENSG00000006025	226	229	202	179
ENSG00000006042	3108	3486	3876	2990
ENSG00000006047	0	1	1	1
ENSG00000006059	0	0	0	0
ENSG00000006062	335	333	415	252
ENSG00000006071	0	0	0	0
ENSG00000006116	0	1	2	0
ENSG00000006118	528	604	832	405
ENSG00000006125	7030	7725	7765	5601
ENSG00000006128	0	1	0	0
ENSG00000006194	527	612	665	477
ENSG00000006210	9	9	9	18
ENSG00000006282	1765	1340	1610	1418
ENSG00000006283	100	48	124	89
ENSG00000006327	523	708	767	645
ENSG00000006377	0	0	0	0
ENSG00000006432	8	12	11	2
ENSG00000006451	1833	1094	1629	1084
ENSG00000006453	214	260	272	247
ENSG00000006459	381	461	459	444
ENSG00000006468	190	167	136	352
ENSG00000006530	251	292	444	208
ENSG00000006534	885	1380	1439	589
ENSG00000006555	9	6	2	7
ENSG00000006576	946	1612	1267	1419
ENSG00000006606	3	8	8	2
ENSG00000006607	709	971	812	770
ENSG00000006611	0	0	0	0
ENSG00000006625	195	196	254	150
ENSG00000006634	132	104	90	122
ENSG00000006638	76	105	65	72
ENSG00000006652	922	1022	1662	1135
ENSG00000006659	1	0	3	3
ENSG00000006695	184	200	220	128
ENSG00000006704	337	380	274	272
ENSG00000006712	985	1550	1562	1114
ENSG00000006715	2045	2949	2865	2122
ENSG00000006740	42	33	52	57
ENSG00000006744	836	1008	1253	629
ENSG00000006747	18	35	18	38
ENSG00000006756	538	591	664	548
ENSG00000006757	161	176	223	168

ENSG00000006788	5	0	5	1
ENSG00000006831	1055	1170	1174	901
ENSG00000006837	72	90	100	76
ENSG00000007001	2	5	3	0
ENSG00000007038	0	2	0	1
ENSG00000007047	641	925	1247	754
ENSG00000007062	3	6	3	1
ENSG00000007080	633	707	797	486
ENSG00000007129	0	0	0	0
ENSG00000007168	3486	4955	4943	3468
ENSG00000007171	0	0	2	5
ENSG00000007174	1	3	4	2
ENSG00000007202	6595	7849	7838	5646
ENSG00000007216	0	0	0	0
ENSG00000007237	378	304	282	1233
ENSG00000007255	140	124	130	109
ENSG00000007264	3	4	2	3
ENSG00000007306	0	0	0	0
ENSG00000007312	1	0	5	1
ENSG00000007314	0	2	1	1
ENSG00000007341	274	282	302	256
ENSG00000007350	0	0	0	0
ENSG00000007372	29	32	29	65
ENSG00000007376	278	222	341	221
ENSG00000007384	2000	1951	1940	1657
ENSG00000007392	792	766	857	632
ENSG00000007402	21	24	12	18
ENSG00000007516	6	6	25	14
ENSG00000007520	655	632	602	529
ENSG00000007541	710	694	651	528
ENSG00000007545	615	771	663	481
ENSG00000007866	1522	1701	1350	1069
ENSG00000007908	0	0	0	0
ENSG00000007923	880	1095	1375	917
ENSG00000007933	782	2205	223	277
ENSG00000007944	368	535	520	327
ENSG00000007952	11	7	10	4
ENSG00000007968	4	6	3	3
ENSG00000008018	1674	1789	1595	1329
ENSG00000008056	7	24	15	13
ENSG00000008083	274	283	300	232
ENSG00000008086	323	585	428	370
ENSG00000008118	2	13	14	10

ENSG00000008128	574	657	345	676
ENSG00000008130	1345	1441	1357	1134
ENSG00000008196	1	6	0	0
ENSG00000008197	0	0	0	0
ENSG00000008226	8	13	6	8
ENSG00000008256	1746	3066	2924	2096
ENSG00000008277	28	18	15	20
ENSG00000008282	1959	1966	1827	1841
ENSG00000008283	594	645	565	424
ENSG00000008294	2688	3950	3465	3166
ENSG00000008300	55	127	104	59
ENSG00000008311	478	549	423	451
ENSG00000008323	8	7	16	10
ENSG00000008324	112	85	105	113
ENSG00000008382	156	167	198	133
ENSG00000008394	2589	3127	8070	2426
ENSG00000008405	296	269	288	318
ENSG00000008438	0	1	1	0
ENSG00000008441	14126	13469	12014	12268
ENSG00000008513	2256	1760	2489	1585
ENSG00000008516	19	31	23	35
ENSG00000008517	179	210	66	195
ENSG00000008710	5059	5307	4361	4276
ENSG00000008735	15	21	19	18
ENSG00000008838	1320	1229	1355	1089
ENSG00000008853	644	956	837	736
ENSG00000008869	796	799	778	585
ENSG00000008952	4233	5671	6442	5176
ENSG00000008988	13036	13193	11543	9597
ENSG00000009307	15086	19963	20102	13922
ENSG00000009335	1932	2275	2561	1760
ENSG00000009413	5320	6250	6761	5883
ENSG00000009694	18	2	4	1
ENSG00000009709	0	0	0	0
ENSG00000009724	40	60	46	46
ENSG00000009765	12	4	1	5
ENSG00000009780	150	173	165	154
ENSG00000009790	3	6	10	3
ENSG00000009830	381	546	431	408
ENSG00000009844	829	1092	1201	760
ENSG00000009950	10	6	3	4
ENSG00000009954	2827	3352	3688	2866
ENSG00000010017	1510	1804	2124	1689

ENSG00000010030	30	22	17	18
ENSG00000010072	194	203	216	183
ENSG00000010165	959	1177	1089	836
ENSG00000010219	262	326	314	213
ENSG00000010244	2884	2943	3710	1916
ENSG00000010256	1649	1587	1940	1337
ENSG00000010270	888	884	964	602
ENSG00000010278	3133	3747	2633	3486
ENSG00000010282	0	0	0	0
ENSG00000010292	1407	1356	1409	1106
ENSG00000010295	1471	1679	897	1194
ENSG00000010310	27	30	22	24
ENSG00000010318	61	81	71	85
ENSG00000010319	1	1	0	0
ENSG00000010322	2581	3157	3739	2585
ENSG00000010327	0	1	0	5
ENSG00000010361	273	312	208	205
ENSG00000010379	0	7	0	0
ENSG00000010404	2447	3319	3261	2668
ENSG00000010438	7	12	19	35
ENSG00000010539	140	166	183	121
ENSG00000010610	37	97	122	31
ENSG00000010626	151	210	179	159
ENSG00000010671	0	0	3	0
ENSG00000010704	508	674	503	487
ENSG00000010803	770	858	995	637
ENSG00000010810	1783	1607	2566	1353
ENSG00000010818	1884	1633	1992	1771
ENSG00000010932	16	70	0	16
ENSG00000011007	1470	1388	1533	1096
ENSG00000011009	451	518	579	399
ENSG00000011021	879	655	719	658
ENSG00000011028	17930	25972	17814	16783
ENSG00000011052	307	298	274	270
ENSG00000011083	0	1	1	0
ENSG00000011105	3095	3524	3490	3913
ENSG00000011114	721	606	686	528
ENSG00000011132	198	301	258	178
ENSG00000011143	207	226	159	161
ENSG00000011198	586	820	1219	581
ENSG00000011201	2	1	0	0
ENSG00000011243	823	963	1072	685
ENSG00000011258	473	405	464	404

ENSG00000011260	489	369	444	321
ENSG00000011275	1680	1932	2206	1579
ENSG00000011295	428	466	459	370
ENSG00000011304	3395	3193	4152	2853
ENSG00000011332	25	18	10	6
ENSG00000011347	174	157	217	269
ENSG00000011376	547	448	436	389
ENSG00000011405	1181	1462	1906	1419
ENSG00000011422	399	489	347	380
ENSG00000011426	265	239	346	276
ENSG00000011451	1536	1596	1630	1356
ENSG00000011454	1864	2363	2468	1934
ENSG00000011465	218156	427652	302872	378108
ENSG00000011478	95	138	143	102
ENSG00000011485	818	963	1131	692
ENSG00000011523	752	999	1002	679
ENSG00000011566	851	1434	1367	813
ENSG00000011590	6	7	3	0
ENSG00000011600	0	4	0	3
ENSG00000011638	975	771	837	873
ENSG00000011677	0	1	1	0
ENSG00000012048	332	485	411	286
ENSG00000012061	1160	1519	1388	914
ENSG00000012124	4	4	7	0
ENSG00000012171	1860	2108	1281	1485
ENSG00000012174	722	848	856	635
ENSG00000012211	109	138	134	120
ENSG00000012223	0	0	3	0
ENSG00000012232	1271	1370	1652	1015
ENSG00000012504	0	0	0	0
ENSG00000012660	2069	2572	2236	1881
ENSG00000012779	0	0	0	0
ENSG00000012817	887	993	1227	8
ENSG00000012822	4687	6913	6323	4768
ENSG00000012963	333	451	320	363
ENSG00000012983	1997	2569	2816	1822
ENSG00000013016	2070	1763	1808	1165
ENSG00000013275	503	518	503	368
ENSG00000013288	3106	4085	3913	2297
ENSG00000013293	222	389	424	472
ENSG00000013297	6526	5336	5069	5341
ENSG00000013306	1015	1095	1303	829
ENSG00000013364	9639	9096	8309	7326

ENSG00000013374	1208	1788	2071	1210
ENSG00000013375	1452	1762	1874	1505
ENSG00000013392	226	275	299	277
ENSG00000013441	2515	2337	3115	2183
ENSG00000013503	336	369	399	228
ENSG00000013523	428	483	530	380
ENSG00000013561	770	1054	1104	746
ENSG00000013563	406	770	799	412
ENSG00000013573	331	264	240	241
ENSG00000013583	1258	1497	1670	1053
ENSG00000013588	594	975	802	435
ENSG00000013619	757	1256	1296	879
ENSG00000013725	11	6	13	4
ENSG00000013810	95	124	69	77
ENSG00000014123	934	1014	1088	867
ENSG00000014138	190	276	152	199
ENSG00000014164	578	546	523	238
ENSG00000014216	3114	3956	3546	2910
ENSG00000014257	26	21	23	23
ENSG00000014641	1613	1892	1768	1287
ENSG00000014824	1102	1449	1672	1098
ENSG00000014914	597	775	642	651
ENSG00000014919	714	728	830	524
ENSG00000015133	5	1	4	1
ENSG00000015153	183	273	320	246
ENSG00000015171	2042	2663	2867	2064
ENSG00000015285	7	12	7	2
ENSG00000015413	0	0	2	0
ENSG00000015475	270	406	525	273
ENSG00000015479	5543	6399	7971	4386
ENSG00000015520	22	23	65	18
ENSG00000015532	724	782	768	579
ENSG00000015568	210	173	295	52
ENSG00000015592	0	0	1	1
ENSG00000015676	1829	1866	1773	1472
ENSG00000016082	0	1	0	0
ENSG00000016391	155	157	89	219
ENSG00000016402	22	8	13	18
ENSG00000016490	0	0	0	2
ENSG00000016602	1	0	0	0
ENSG00000016864	1537	1959	1508	1612
ENSG00000017260	2792	3487	3693	3112
ENSG00000017427	1100	1138	513	932

ENSG00000017483	703	566	528	647
ENSG00000017797	2930	2819	3442	2560
ENSG00000018189	1110	1108	1404	894
ENSG00000018236	101	27	58	55
ENSG00000018280	23	19	17	9
ENSG00000018408	3114	2997	3449	2097
ENSG00000018510	850	846	788	876
ENSG00000018607	0	0	0	1
ENSG00000018610	315	355	350	252
ENSG00000018625	285	3356	262	467
ENSG00000018699	255	268	324	280
ENSG00000018869	63	71	74	47
ENSG00000019102	1	3	16	3
ENSG00000019144	3326	3783	3457	2583
ENSG00000019169	0	0	0	0
ENSG00000019186	65	8	9	24
ENSG00000019485	314	320	264	222
ENSG00000019505	1	2	2	0
ENSG00000019549	3353	2830	3797	2238
ENSG00000019582	22	101	30	70
ENSG00000019991	1517	1399	2590	1588
ENSG00000019995	1356	1592	2005	1272
ENSG00000020129	1459	1272	1423	1142
ENSG00000020181	11137	11659	11307	11468
ENSG00000020219	0	0	1	1
ENSG00000020256	373	413	403	329
ENSG00000020426	196	311	329	177
ENSG00000020577	2269	1925	1984	1878
ENSG00000020633	143	90	7	105
ENSG00000020922	562	553	543	492
ENSG00000021300	19	22	15	24
ENSG00000021355	588	662	610	389
ENSG00000021461	3	6	2	2
ENSG00000021488	5	4	7	1
ENSG00000021574	527	563	587	455
ENSG00000021645	9	47	13	18
ENSG00000021762	1443	1032	1363	1088
ENSG00000021776	1228	1378	1793	1050
ENSG00000021826	404	461	302	351
ENSG00000021852	0	0	0	0
ENSG00000022267	7166	11992	8451	9649
ENSG00000022277	1947	2425	2380	1862
ENSG00000022355	0	0	0	0

ENSG00000022556	5	4	5	3
ENSG00000022567	146	156	186	147
ENSG00000022840	2564	3094	2940	2438
ENSG00000022976	205	206	188	178
ENSG00000023041	674	697	805	532
ENSG00000023171	62	120	247	88
ENSG00000023191	2903	2997	2028	2000
ENSG00000023228	1597	2041	2123	1451
ENSG00000023287	2603	2881	3485	2473
ENSG00000023318	1340	1476	1576	1171
ENSG00000023330	1025	1159	1519	856
ENSG00000023445	78	59	66	42
ENSG00000023516	1937	2110	2267	1858
ENSG00000023572	96	97	91	89
ENSG00000023608	230	430	426	254
ENSG00000023697	460	510	569	373
ENSG00000023734	1655	2171	2429	1574
ENSG00000023839	23	23	9	9
ENSG00000023892	7	5	11	2
ENSG00000023902	654	618	863	497
ENSG00000023909	1079	1324	1347	1135
ENSG00000024048	1322	1558	1412	1166
ENSG00000024422	10748	12572	13761	9077
ENSG00000024526	22	22	28	22
ENSG00000024862	210	287	251	168
ENSG00000025039	3	8	19	6
ENSG00000025156	302	300	339	232
ENSG00000025293	1417	1516	2042	1486
ENSG00000025423	235	605	104	236
ENSG00000025434	403	513	399	295
ENSG00000025708	136	110	136	74
ENSG00000025770	426	444	357	308
ENSG00000025772	840	933	1528	627
ENSG00000025796	3318	4840	4059	3299
ENSG00000025800	1962	2372	2626	1760
ENSG00000026025	98471	119665	117016	107280
ENSG00000026036	322	381	99	199
ENSG00000026103	991	1425	1395	1029
ENSG00000026297	266	288	295	218
ENSG00000026508	19783	29627	30110	25406
ENSG00000026559	34	16	47	32
ENSG00000026652	556	359	600	203
ENSG00000026751	0	2	1	0

ENSG00000026950	1003	1098	1019	703
ENSG00000027001	548	794	651	806
ENSG00000027075	78	75	83	85
ENSG00000027644	1	1	2	0
ENSG00000027697	1353	1341	1561	1070
ENSG00000027847	453	568	484	384
ENSG00000027869	1	1	0	0
ENSG00000028116	225	275	332	281
ENSG00000028137	403	596	282	340
ENSG00000028203	997	1720	1312	1178
ENSG00000028277	68	38	227	20
ENSG00000028310	524	718	721	515
ENSG00000028528	3551	4343	4526	2721
ENSG00000028839	490	496	682	492
ENSG00000029153	311	422	450	307
ENSG00000029363	3179	4444	4022	3213
ENSG00000029364	1468	1628	1712	1449
ENSG00000029534	69	156	127	70
ENSG00000029559	0	5	0	0
ENSG00000029639	129	128	105	114
ENSG00000029725	1589	2424	2494	1746
ENSG00000029993	495	928	898	642
ENSG00000030066	978	1050	1006	935
ENSG00000030110	183	193	204	159
ENSG00000030304	35	41	19	35
ENSG00000030419	227	239	201	188
ENSG00000030582	10961	13343	13342	12035
ENSG00000031003	1339	1665	1486	1502
ENSG00000031081	464	463	496	404
ENSG00000031691	58	83	114	91
ENSG00000031698	3373	4016	3679	3295
ENSG00000031823	1565	2421	2243	1789
ENSG00000032219	701	782	800	639
ENSG00000032389	238	314	214	139
ENSG00000032444	1317	1821	1788	1162
ENSG00000032742	287	344	334	253
ENSG00000033011	521	622	625	500
ENSG00000033030	395	464	454	345
ENSG00000033050	1036	1257	1615	991
ENSG00000033100	2425	2652	2793	2076
ENSG00000033122	9	9	10	13
ENSG00000033170	1457	2170	2306	1325
ENSG00000033178	979	1532	1241	893

ENSG00000033327	1158	1271	1349	1044
ENSG00000033627	758	961	915	851
ENSG00000033800	1118	1206	1074	887
ENSG00000033867	2526	3813	3589	3543
ENSG00000034053	46	21	48	18
ENSG00000034152	886	924	671	1123
ENSG00000034239	14	17	10	3
ENSG00000034510	11323	17313	18277	11782
ENSG00000034533	142	152	186	166
ENSG00000034677	837	1106	792	728
ENSG00000034693	345	420	614	295
ENSG00000034713	1332	1392	1389	1101
ENSG00000034971	339	1033	99	426
ENSG00000035115	650	583	603	530
ENSG00000035141	364	382	378	355
ENSG00000035403	11492	17242	9835	12512
ENSG00000035499	21	19	16	15
ENSG00000035664	168	631	180	601
ENSG00000035681	1162	1307	1407	1118
ENSG00000035687	866	1039	1180	932
ENSG00000035720	0	0	0	0
ENSG00000035862	51281	66689	67911	49403
ENSG00000035928	1042	1126	1216	1113
ENSG00000036054	1278	1180	1433	1054
ENSG00000036257	1672	2047	2419	1421
ENSG00000036448	7	6	6	0
ENSG00000036473	0	0	1	0
ENSG00000036530	43	45	32	76
ENSG00000036549	1008	951	903	805
ENSG00000036565	3	1	5	3
ENSG00000036672	20	11	23	6
ENSG00000036828	0	0	0	0
ENSG00000037042	440	568	519	394
ENSG00000037241	296	297	367	187
ENSG00000037280	9	15	15	6
ENSG00000037474	766	806	1098	543
ENSG00000037637	632	701	635	467
ENSG00000037749	386	540	479	436
ENSG00000037757	397	434	442	184
ENSG00000037897	71	116	125	125
ENSG00000037965	6	8	23	56
ENSG00000038002	792	806	561	692
ENSG00000038210	410	390	319	354

ENSG00000038219	2660	2596	2859	1974
ENSG00000038274	1642	1446	1562	1321
ENSG00000038295	13	35	5	0
ENSG00000038358	1004	1338	1245	774
ENSG00000038382	6242	7550	6347	7010
ENSG00000038427	9784	12674	11144	10615
ENSG00000038532	743	796	953	613
ENSG00000038945	112	112	328	257
ENSG00000039068	12	8	13	7
ENSG00000039123	1387	1806	1781	1205
ENSG00000039139	177	306	274	231
ENSG00000039319	1050	1441	1453	1053
ENSG00000039523	1783	1795	1936	1675
ENSG00000039537	2	13	16	11
ENSG00000039560	3738	5161	5381	4333
ENSG00000039600	2	3	7	2
ENSG00000039650	475	375	363	281
ENSG00000039987	1	4	2	4
ENSG00000040199	268	311	360	340
ENSG00000040275	235	359	269	219
ENSG00000040341	707	978	982	592
ENSG00000040487	227	207	266	221
ENSG00000040531	476	592	607	579
ENSG00000040608	3	4	1	2
ENSG00000040633	858	921	1276	711
ENSG00000040731	121	109	42	194
ENSG00000040933	762	852	773	675
ENSG00000041353	29	23	391	20
ENSG00000041357	1326	1547	1475	1086
ENSG00000041515	3	3	2	2
ENSG00000041802	527	628	722	468
ENSG00000041880	383	474	339	369
ENSG00000041982	3271	7309	2381	6763
ENSG00000041988	193	219	238	188
ENSG00000042062	1517	1191	2031	1167
ENSG00000042088	212	256	312	232
ENSG00000042286	450	583	520	403
ENSG00000042304	4	5	3	1
ENSG00000042317	221	249	250	250
ENSG00000042429	381	402	530	356
ENSG00000042445	1401	1835	1675	1101
ENSG00000042493	813	1109	883	1387
ENSG00000042753	1145	1388	1171	957

ENSG00000042781	4	3	6	6
ENSG00000042813	0	0	0	0
ENSG00000042832	24	56	52	17
ENSG00000042980	4	14	13	16
ENSG00000043039	0	1	3	1
ENSG00000043093	686	704	948	576
ENSG00000043143	1585	1711	1461	1214
ENSG00000043355	0	0	0	0
ENSG00000043462	0	0	0	0
ENSG00000043514	213	313	295	239
ENSG00000043591	0	1	1	2
ENSG00000044012	0	0	0	0
ENSG00000044090	1604	1685	1526	1232
ENSG00000044115	7374	10501	8981	7004
ENSG00000044446	412	394	413	460
ENSG00000044459	498	718	778	382
ENSG00000044524	54	38	41	72
ENSG00000044574	16885	19883	16603	10648
ENSG00000046604	22	73	0	70
ENSG00000046647	306	348	356	377
ENSG00000046651	359	518	682	781
ENSG00000046653	100	289	662	241
ENSG00000046774	0	1	1	1
ENSG00000046889	56	124	27	39
ENSG00000047056	509	566	506	484
ENSG00000047188	771	664	680	745
ENSG00000047230	378	292	355	341
ENSG00000047249	873	967	953	767
ENSG00000047315	2664	2422	2832	2304
ENSG00000047346	830	835	871	689
ENSG00000047365	42	156	13	50
ENSG00000047410	4915	5486	5485	4652
ENSG00000047457	11	25	6	26
ENSG00000047578	875	1054	1156	620
ENSG00000047579	245	246	265	220
ENSG00000047597	1	1	0	1
ENSG00000047617	10	12	6	7
ENSG00000047621	463	567	617	411
ENSG00000047634	357	578	442	381
ENSG00000047644	1203	1714	1704	1285
ENSG00000047648	616	451	432	439
ENSG00000047662	7	8	4	6
ENSG00000047849	15464	18872	19035	13099

ENSG00000047932	1617	1917	1941	1454
ENSG00000047936	0	1	6	0
ENSG00000048028	437	579	568	566
ENSG00000048052	317	577	590	445
ENSG00000048140	826	923	1079	752
ENSG00000048162	144	198	164	179
ENSG00000048342	881	1087	1089	912
ENSG00000048392	1635	1846	1462	1247
ENSG00000048405	349	352	386	285
ENSG00000048462	0	0	1	1
ENSG00000048471	1651	2521	1792	1719
ENSG00000048540	28	37	82	25
ENSG00000048544	794	879	802	656
ENSG00000048545	2	17	10	4
ENSG00000048649	1572	1897	2089	1418
ENSG00000048707	2111	3534	2248	2291
ENSG00000048740	5021	4519	3850	3813
ENSG00000048828	4149	4612	5416	3435
ENSG00000048991	605	623	797	499
ENSG00000049089	93	104	127	70
ENSG00000049130	2839	3426	4709	2103
ENSG00000049167	232	227	166	141
ENSG00000049192	162	278	258	57
ENSG00000049239	5872	6818	4582	5336
ENSG00000049245	3228	3828	3786	2827
ENSG00000049246	378	303	519	420
ENSG00000049247	0	1	4	0
ENSG00000049249	22	30	26	26
ENSG00000049283	15	16	17	19
ENSG00000049323	14366	19773	18483	13936
ENSG00000049449	6334	6408	7725	5827
ENSG00000049540	4716	8340	2952	6176
ENSG00000049541	163	211	147	144
ENSG00000049618	2039	1678	2393	1689
ENSG00000049656	1031	1187	1345	973
ENSG00000049759	1833	2217	2100	1812
ENSG00000049768	2	4	2	1
ENSG00000049769	125	87	135	71
ENSG00000049860	3927	5167	5899	4080
ENSG00000049883	402	486	397	326
ENSG00000050030	0	0	0	0
ENSG00000050130	879	1256	1345	805
ENSG00000050165	12605	20829	19401	16298

ENSG00000050327	240	616	254	373
ENSG00000050344	183	230	336	168
ENSG00000050393	459	603	666	469
ENSG00000050405	6346	12985	12341	8046
ENSG00000050426	939	1167	1061	915
ENSG00000050438	102	115	155	125
ENSG00000050555	103	36	174	51
ENSG00000050628	337	509	406	293
ENSG00000050730	6	9	20	4
ENSG00000050748	906	1149	1081	833
ENSG00000050767	0	0	0	0
ENSG00000050820	1149	1209	1394	1034
ENSG00000051009	416	448	511	407
ENSG00000051108	1663	2228	2347	1389
ENSG00000051128	969	1065	1389	1011
ENSG00000051180	17	32	22	54
ENSG00000051341	22	33	16	54
ENSG00000051382	340	354	411	288
ENSG00000051523	759	665	557	590
ENSG00000051596	169	206	169	151
ENSG00000051620	1116	1212	961	982
ENSG00000051825	271	327	293	235
ENSG00000052126	1521	1846	2290	1307
ENSG00000052344	0	6	2	1
ENSG00000052723	726	640	696	678
ENSG00000052749	354	444	498	286
ENSG00000052795	438	595	823	468
ENSG00000052802	373	447	316	244
ENSG00000052841	2204	2935	3417	2260
ENSG00000052850	9	4	0	65
ENSG00000053108	5	9	0	2
ENSG00000053254	3743	3234	4253	3107
ENSG00000053328	21	21	2	12
ENSG00000053371	1011	956	964	853
ENSG00000053372	340	381	359	328
ENSG00000053438	45	36	23	78
ENSG00000053501	336	385	330	279
ENSG00000053524	35	38	63	39
ENSG00000053702	29	69	40	44
ENSG00000053747	749	447	1260	768
ENSG00000053770	638	819	802	632
ENSG00000053900	514	699	536	543
ENSG00000053918	0	0	2	0

ENSG00000054116	729	814	789	674
ENSG00000054118	2977	3404	3495	2534
ENSG00000054148	1290	996	940	719
ENSG00000054179	1	5	2	4
ENSG00000054219	14	39	21	57
ENSG00000054267	1060	1449	1511	1079
ENSG00000054277	346	304	354	281
ENSG00000054282	263	153	275	308
ENSG00000054356	34	29	14	30
ENSG00000054392	52	61	67	43
ENSG00000054523	1580	1733	1803	1446
ENSG00000054598	470	424	612	641
ENSG00000054611	615	753	658	564
ENSG00000054654	1709	2043	1708	1765
ENSG00000054690	16	6	39	40
ENSG00000054793	2789	3446	3172	3359
ENSG00000054796	0	0	1	0
ENSG00000054803	0	0	0	0
ENSG00000054938	93	137	176	140
ENSG00000054965	1972	2452	2425	1857
ENSG00000054967	17	9	22	21
ENSG00000054983	653	877	731	516
ENSG00000055044	495	560	581	442
ENSG00000055070	3325	4271	4101	3002
ENSG00000055118	53	22	2	9
ENSG00000055130	1201	1280	1460	1131
ENSG00000055147	529	650	554	480
ENSG00000055163	492	369	424	257
ENSG00000055208	1656	1805	2095	1389
ENSG00000055211	1901	2794	2497	1989
ENSG00000055332	2374	2331	2693	1722
ENSG00000055483	981	921	768	750
ENSG00000055609	2723	2111	2612	1789
ENSG00000055732	155	125	108	105
ENSG00000055813	77	103	25	183
ENSG00000055917	2359	2371	2516	2053
ENSG00000055950	885	819	747	565
ENSG00000055955	16	14	18	28
ENSG00000055957	0	0	0	0
ENSG00000056050	358	312	435	288
ENSG00000056097	2581	3279	3899	2581
ENSG00000056277	170	203	241	150
ENSG00000056291	0	0	0	2

ENSG00000056487	0	0	0	0
ENSG00000056558	199	263	174	197
ENSG00000056586	1230	1541	1552	1096
ENSG00000056736	112	106	85	125
ENSG00000056972	507	475	654	374
ENSG00000056998	262	289	282	196
ENSG00000057019	2581	2784	3893	2362
ENSG00000057149	0	0	0	0
ENSG00000057252	924	905	1227	1072
ENSG00000057294	15	11	9	16
ENSG00000057468	5	2	4	7
ENSG00000057593	2	11	4	9
ENSG00000057608	3707	3860	3770	3016
ENSG00000057657	150	202	203	87
ENSG00000057663	577	532	523	493
ENSG00000057704	35	12	23	11
ENSG00000057757	494	570	638	471
ENSG00000057935	816	1017	1340	823
ENSG00000058056	363	411	649	405
ENSG00000058063	1312	1835	1750	1771
ENSG00000058085	54	69	65	35
ENSG00000058091	1277	1701	1803	1185
ENSG00000058262	11775	14219	13308	10837
ENSG00000058272	1412	1904	2181	1529
ENSG00000058335	2	2	9	1
ENSG00000058404	1	7	0	9
ENSG00000058453	696	587	772	506
ENSG00000058600	404	637	622	418
ENSG00000058668	9826	15544	12581	10527
ENSG00000058673	4744	4337	4589	3983
ENSG00000058729	386	469	565	409
ENSG00000058799	326	502	517	349
ENSG00000058804	276	309	283	238
ENSG00000058866	11	8	6	2
ENSG00000059122	1367	1653	1049	1267
ENSG00000059145	499	739	584	472
ENSG00000059377	14	10	29	13
ENSG00000059378	279	267	286	211
ENSG00000059573	1671	1767	1983	1538
ENSG00000059588	392	537	327	401
ENSG00000059691	400	412	467	279
ENSG00000059728	248	194	200	191
ENSG00000059758	961	1124	1238	814

ENSG00000059769	254	333	384	253
ENSG00000059804	1347	1187	1456	1058
ENSG00000059915	171	129	255	162
ENSG00000060069	490	441	542	388
ENSG00000060138	4418	4396	5429	3362
ENSG00000060140	0	4	6	0
ENSG00000060237	5494	6432	7586	4876
ENSG00000060303	0	0	0	0
ENSG00000060339	1569	1569	2399	1361
ENSG00000060491	1053	980	983	871
ENSG00000060558	0	1	1	0
ENSG00000060566	0	1	0	0
ENSG00000060642	249	369	274	266
ENSG00000060656	360	670	281	371
ENSG00000060688	442	524	586	441
ENSG00000060709	0	1	1	0
ENSG00000060718	86	242	87	102
ENSG00000060749	1119	1079	1211	1077
ENSG00000060762	275	322	252	240
ENSG00000060971	647	964	951	600
ENSG00000060982	2433	2948	2712	3073
ENSG00000061273	2798	2972	2443	2498
ENSG00000061337	91	128	89	87
ENSG00000061455	1143	1607	973	866
ENSG00000061492	0	0	0	0
ENSG00000061656	47	107	94	77
ENSG00000061676	5306	5175	6107	5231
ENSG00000061794	492	612	606	516
ENSG00000061918	1760	1874	1578	1771
ENSG00000061936	820	986	965	752
ENSG00000061938	690	594	616	470
ENSG00000061987	1360	1796	1547	1442
ENSG00000062038	2	10	13	8
ENSG00000062096	2	2	2	0
ENSG00000062194	1118	1310	1327	1098
ENSG00000062282	19	15	74	32
ENSG00000062370	231	165	176	127
ENSG00000062485	1963	2057	2451	1675
ENSG00000062524	4	0	2	2
ENSG00000062582	756	710	771	529
ENSG00000062598	1200	1147	1438	1085
ENSG00000062650	1133	1228	1174	1022
ENSG00000062716	2671	3308	3121	2196

ENSG00000062725	2093	1688	2329	1628
ENSG00000062822	259	138	152	106
ENSG00000063015	0	2	3	5
ENSG00000063046	14380	16261	15575	11865
ENSG00000063127	32	12	42	48
ENSG00000063169	227	366	256	210
ENSG00000063176	313	372	355	218
ENSG00000063177	9590	9806	9013	6794
ENSG00000063180	67	203	166	161
ENSG00000063241	417	430	458	303
ENSG00000063244	2321	2437	2389	1818
ENSG00000063245	2500	2749	2456	1864
ENSG00000063322	1382	1694	1814	1194
ENSG00000063438	541	798	1116	801
ENSG00000063515	0	0	0	0
ENSG00000063587	584	568	642	480
ENSG00000063601	686	868	934	639
ENSG00000063660	5824	7024	5453	4117
ENSG00000063761	102	128	126	127
ENSG00000063854	316	445	385	367
ENSG00000063978	1192	1353	1377	1065
ENSG00000064012	347	442	472	321
ENSG00000064042	499	420	516	283
ENSG00000064102	360	405	577	320
ENSG00000064115	1187	1247	1088	777
ENSG00000064195	0	0	0	0
ENSG00000064199	154	272	240	153
ENSG00000064201	36	32	34	18
ENSG00000064205	1456	4473	3262	1741
ENSG00000064218	0	0	0	0
ENSG00000064225	29	46	49	60
ENSG00000064270	6	3	7	13
ENSG00000064300	2	2	2	0
ENSG00000064309	640	772	320	741
ENSG00000064313	741	885	911	779
ENSG00000064393	2260	2190	2581	1939
ENSG00000064419	1347	1576	1662	1244
ENSG00000064489	106	120	126	90
ENSG00000064490	394	482	402	261
ENSG00000064545	369	331	324	286
ENSG00000064547	29	52	57	36
ENSG00000064601	9407	12749	12509	9823
ENSG00000064607	1732	2052	1810	1405

ENSG00000064651	332	578	731	522
ENSG00000064652	214	274	364	210
ENSG00000064655	64	192	62	99
ENSG00000064666	6315	9283	7806	6730
ENSG00000064687	125	305	214	155
ENSG00000064692	123	157	21	78
ENSG00000064703	323	354	360	231
ENSG00000064726	1848	2420	2626	1671
ENSG00000064763	184	229	458	226
ENSG00000064787	5	15	7	20
ENSG00000064835	0	0	0	0
ENSG00000064886	1027	1533	2124	1048
ENSG00000064932	739	609	449	520
ENSG00000064933	353	469	410	394
ENSG00000064961	1168	1168	1306	979
ENSG00000064989	54	48	59	16
ENSG00000064995	252	354	269	237
ENSG00000064999	603	826	800	609
ENSG00000065000	4612	4404	5043	3498
ENSG00000065029	408	550	606	384
ENSG00000065054	941	893	1049	973
ENSG00000065057	119	137	139	119
ENSG00000065060	424	448	490	363
ENSG00000065135	2154	1922	2055	1763
ENSG00000065150	4410	5124	4706	5023
ENSG00000065154	2953	3405	2870	2778
ENSG00000065183	602	560	640	393
ENSG00000065243	1405	1388	1847	1327
ENSG00000065268	325	262	270	219
ENSG00000065308	9864	10270	11157	8599
ENSG00000065320	4762	4678	2000	3466
ENSG00000065325	6	1	12	0
ENSG00000065328	19	11	8	5
ENSG00000065357	970	1213	1153	830
ENSG00000065361	14	53	23	23
ENSG00000065371	1	0	0	0
ENSG00000065413	148	371	366	345
ENSG00000065427	1929	2284	2307	1450
ENSG00000065457	270	289	363	218
ENSG00000065485	759	961	783	899
ENSG00000065491	384	391	439	338
ENSG00000065518	761	941	1058	692
ENSG00000065526	1358	1412	1195	855

ENSG00000065534	17517	26844	19964	15202
ENSG00000065548	935	1081	1191	873
ENSG00000065559	639	618	756	521
ENSG00000065600	76	129	134	104
ENSG00000065609	3	0	0	0
ENSG00000065613	1499	2086	2345	1594
ENSG00000065615	400	424	400	267
ENSG00000065618	13	1	3	2
ENSG00000065621	40	152	135	69
ENSG00000065665	158	179	214	162
ENSG00000065675	1	0	1	0
ENSG00000065717	284	154	205	137
ENSG00000065802	1270	1172	1168	1073
ENSG00000065809	2480	5215	3416	2663
ENSG00000065833	809	874	1308	619
ENSG00000065882	574	929	892	638
ENSG00000065883	1155	1283	1377	891
ENSG00000065911	616	775	678	706
ENSG00000065923	846	1828	1536	1026
ENSG00000065970	806	831	846	726
ENSG00000065978	11695	12584	11622	9494
ENSG00000065989	699	697	827	630
ENSG00000066027	670	762	778	672
ENSG00000066032	3	5	1	0
ENSG00000066044	1168	1201	1218	968
ENSG00000066056	4	13	5	2
ENSG00000066084	1316	979	1237	966
ENSG00000066117	650	882	1171	722
ENSG00000066135	1295	1301	1384	972
ENSG00000066136	426	537	578	460
ENSG00000066185	26	32	22	9
ENSG00000066230	234	174	88	118
ENSG00000066248	3	2	3	4
ENSG00000066279	83	268	193	121
ENSG00000066294	7	11	9	7
ENSG00000066322	931	1011	1003	751
ENSG00000066336	0	2	1	2
ENSG00000066379	21	17	21	23
ENSG00000066382	26	31	1	39
ENSG00000066405	25	37	30	30
ENSG00000066422	633	685	636	578
ENSG00000066427	512	990	1005	461
ENSG00000066455	1223	1734	1734	1198

ENSG00000066468	80	46	9	75
ENSG00000066557	374	314	376	273
ENSG00000066583	435	286	274	264
ENSG00000066629	2735	2797	3357	2901
ENSG00000066651	212	299	233	247
ENSG00000066654	817	928	825	706
ENSG00000066697	1059	940	1346	983
ENSG00000066735	5	5	0	6
ENSG00000066739	1654	1839	1626	1404
ENSG00000066777	1524	1866	1718	1489
ENSG00000066813	29	13	6	18
ENSG00000066827	248	259	326	194
ENSG00000066855	300	333	325	316
ENSG00000066923	179	231	228	182
ENSG00000066926	415	653	716	478
ENSG00000066933	1127	1098	1345	987
ENSG00000067048	1385	1283	1503	1
ENSG00000067057	2233	2148	2644	2196
ENSG00000067064	568	477	410	275
ENSG00000067066	1981	2653	2589	1937
ENSG00000067082	2450	2632	2465	1762
ENSG00000067113	2116	2267	2564	2749
ENSG00000067141	1276	1577	1001	1292
ENSG00000067167	8948	15421	15521	8933
ENSG00000067177	227	489	474	327
ENSG00000067182	3791	4481	5360	3078
ENSG00000067191	117	162	161	193
ENSG00000067208	701	884	752	677
ENSG00000067221	376	493	397	401
ENSG00000067225	26386	28783	30362	19468
ENSG00000067248	1407	1373	1392	1097
ENSG00000067334	792	1029	1105	683
ENSG00000067365	412	401	461	235
ENSG00000067369	2878	2894	3221	2228
ENSG00000067445	890	957	1086	710
ENSG00000067533	152	417	377	195
ENSG00000067560	8178	12167	10603	8008
ENSG00000067596	1029	1331	1209	961
ENSG00000067601	16	18	12	12
ENSG00000067606	14	22	19	16
ENSG00000067646	348	351	447	0
ENSG00000067704	2824	2917	3293	2461
ENSG00000067715	5	10	33	8

ENSG00000067798	395	423	447	261
ENSG00000067829	842	885	1015	728
ENSG00000067836	161	244	240	194
ENSG00000067840	15	16	27	11
ENSG00000067842	5	3	5	7
ENSG00000067900	1913	2677	2738	2148
ENSG00000067955	532	558	647	509
ENSG00000067992	65	79	48	44
ENSG00000068001	703	810	899	601
ENSG00000068024	507	548	697	634
ENSG00000068028	715	704	569	708
ENSG00000068078	14	10	2	6
ENSG00000068079	396	413	377	286
ENSG00000068097	389	538	453	304
ENSG00000068120	852	908	935	708
ENSG00000068137	438	542	345	331
ENSG00000068305	1330	1753	1685	1418
ENSG00000068308	1367	1653	1616	1159
ENSG00000068323	2210	2614	2718	2065
ENSG00000068354	341	348	349	264
ENSG00000068366	4068	3486	7392	3509
ENSG00000068383	642	1119	611	1068
ENSG00000068394	350	372	399	287
ENSG00000068400	606	794	787	496
ENSG00000068438	452	446	477	304
ENSG00000068489	134	88	124	116
ENSG00000068615	1	0	0	0
ENSG00000068650	970	1175	1174	955
ENSG00000068654	1054	1251	1451	1010
ENSG00000068697	8944	9390	12500	8349
ENSG00000068724	1088	1438	1056	1018
ENSG00000068745	969	1200	914	730
ENSG00000068781	35	72	141	113
ENSG00000068784	362	374	392	298
ENSG00000068796	646	771	723	479
ENSG00000068831	43	66	37	38
ENSG00000068878	1315	1617	1758	1318
ENSG00000068885	1627	2379	2146	1810
ENSG00000068903	647	645	688	550
ENSG00000068912	1701	2299	2103	1703
ENSG00000068971	480	470	586	461
ENSG00000068976	35	46	28	35
ENSG00000068985	0	0	0	0

ENSG00000069011	142	97	12	198
ENSG00000069018	0	0	0	0
ENSG00000069020	989	1065	1119	990
ENSG00000069122	0	1	22	0
ENSG00000069188	44	13	5	10
ENSG00000069206	0	0	0	0
ENSG00000069248	1195	1104	1110	1031
ENSG00000069275	5673	7212	7676	7366
ENSG00000069329	3648	3447	3399	3426
ENSG00000069345	1320	1320	1520	1216
ENSG00000069399	376	583	589	307
ENSG00000069424	144	227	209	171
ENSG00000069431	608	1056	635	1000
ENSG00000069482	5	7	13	5
ENSG00000069493	89	137	154	124
ENSG00000069509	144	193	179	121
ENSG00000069535	231	373	108	309
ENSG00000069667	568	440	596	515
ENSG00000069696	4	3	6	2
ENSG00000069702	3830	4393	5176	3188
ENSG00000069712	156	229	184	140
ENSG00000069764	3	4	1	1
ENSG00000069812	5	17	5	7
ENSG00000069849	1505	2162	2478	1179
ENSG00000069869	1231	1571	1766	1379
ENSG00000069943	306	319	369	288
ENSG00000069956	1087	943	1123	926
ENSG00000069966	844	896	815	824
ENSG00000069974	571	795	832	536
ENSG00000069998	393	319	401	341
ENSG00000070010	858	1043	752	576
ENSG00000070018	1058	1133	982	1302
ENSG00000070019	2	6	5	2
ENSG00000070031	1	1	1	1
ENSG00000070047	516	0	418	278
ENSG00000070061	1155	964	1262	1026
ENSG00000070081	1739	2426	2280	1836
ENSG00000070087	2805	3228	3246	2665
ENSG00000070159	79	68	151	50
ENSG00000070182	0	2	7	3
ENSG00000070190	0	1	1	0
ENSG00000070193	372	80	252	108
ENSG00000070214	2870	3798	4380	3112

ENSG00000070269	632	654	569	354
ENSG00000070366	1564	1906	1701	1953
ENSG00000070367	1452	1764	1923	1551
ENSG00000070371	149	263	278	126
ENSG00000070388	2	6	4	2
ENSG00000070404	1043	939	608	959
ENSG00000070413	2885	2824	2364	1953
ENSG00000070423	299	292	342	264
ENSG00000070444	939	801	947	729
ENSG00000070476	349	385	341	335
ENSG00000070495	274	270	327	230
ENSG00000070501	133	146	163	115
ENSG00000070526	2	0	0	1
ENSG00000070540	3544	3263	5259	2282
ENSG00000070601	2	4	3	1
ENSG00000070610	779	773	880	645
ENSG00000070614	6239	10683	7309	7298
ENSG00000070669	563	709	607	562
ENSG00000070718	395	606	542	447
ENSG00000070729	2	3	5	4
ENSG00000070731	562	405	454	409
ENSG00000070748	0	0	0	0
ENSG00000070756	21327	22868	21975	17085
ENSG00000070759	105	147	114	122
ENSG00000070761	379	430	419	241
ENSG00000070770	1501	1493	1735	1292
ENSG00000070778	1480	1842	1606	1503
ENSG00000070785	272	376	344	269
ENSG00000070808	34	37	57	39
ENSG00000070814	761	936	1105	625
ENSG00000070831	3589	4092	4372	2857
ENSG00000070882	1477	2440	1942	974
ENSG00000070886	0	0	0	0
ENSG00000070915	0	0	5	0
ENSG00000070950	173	205	255	181
ENSG00000070961	1269	1510	1867	1205
ENSG00000070985	0	0	0	1
ENSG00000071051	526	610	605	532
ENSG00000071054	12848	14650	15779	11932
ENSG00000071073	33	9	3	14
ENSG00000071082	12962	13131	10778	9479
ENSG00000071127	7054	9807	8799	6354
ENSG00000071189	1208	1428	1796	1209

ENSG00000071203	0	0	0	0
ENSG00000071205	805	880	778	725
ENSG00000071242	7373	9602	10791	6251
ENSG00000071243	136	189	154	142
ENSG00000071246	449	387	435	287
ENSG00000071282	2007	3107	1643	1956
ENSG00000071462	803	809	962	683
ENSG00000071537	5101	7217	4928	5242
ENSG00000071539	60	58	71	68
ENSG00000071553	1732	2197	1805	1336
ENSG00000071564	1589	1606	1719	1246
ENSG00000071575	368	547	432	439
ENSG00000071626	966	1109	1119	851
ENSG00000071655	1574	1550	1554	1268
ENSG00000071677	0	0	0	0
ENSG00000071794	1068	1152	1098	769
ENSG00000071859	1220	1805	1449	1076
ENSG00000071889	760	804	692	641
ENSG00000071894	2045	1416	1687	1606
ENSG00000071909	32	29	12	26
ENSG00000071967	22813	33006	38919	28274
ENSG00000071991	1	4	1	3
ENSG00000071994	707	688	701	568
ENSG00000072041	81	11	124	23
ENSG00000072042	932	964	1104	727
ENSG00000072062	1721	2081	1830	1548
ENSG00000072071	563	412	475	558
ENSG00000072080	14	9	16	10
ENSG00000072110	10271	13252	12683	10263
ENSG00000072121	1306	1164	1747	1137
ENSG00000072133	452	304	254	300
ENSG00000072134	1076	1018	1353	888
ENSG00000072135	417	369	396	304
ENSG00000072163	253	755	295	385
ENSG00000072182	1	3	1	3
ENSG00000072195	1173	1622	1688	1287
ENSG00000072201	242	240	315	117
ENSG00000072210	1479	1438	1672	993
ENSG00000072274	4155	4350	5247	3520
ENSG00000072310	2823	3070	1576	1227
ENSG00000072315	4	4	0	11
ENSG00000072364	3555	3664	4672	3376
ENSG00000072401	582	593	663	480

ENSG00000072415	835	1049	1074	824
ENSG00000072422	626	903	781	832
ENSG00000072501	1288	1364	1813	1272
ENSG00000072506	536	510	457	390
ENSG00000072518	458	438	536	367
ENSG00000072571	28	36	16	19
ENSG00000072609	525	524	743	457
ENSG00000072657	1038	1951	2224	1311
ENSG00000072682	5414	4641	4860	4063
ENSG00000072694	2	4	1	2
ENSG00000072736	543	610	658	559
ENSG00000072756	286	379	415	227
ENSG00000072778	3539	3225	3468	3899
ENSG00000072786	676	687	801	695
ENSG00000072803	1781	1835	2016	1622
ENSG00000072818	72	90	33	66
ENSG00000072832	579	681	666	515
ENSG00000072840	3537	3773	3046	2894
ENSG00000072849	735	743	790	551
ENSG00000072858	6	8	11	5
ENSG00000072864	107	202	193	149
ENSG00000072952	3915	7638	4203	4703
ENSG00000072954	81	94	72	71
ENSG00000072958	1625	1627	1720	1150
ENSG00000073008	1205	4026	1824	1107
ENSG00000073050	588	577	473	361
ENSG00000073060	301	503	534	252
ENSG00000073067	0	2	2	2
ENSG00000073111	235	248	190	199
ENSG00000073146	109	98	163	118
ENSG00000073150	106	54	74	82
ENSG00000073169	453	421	462	349
ENSG00000073282	0	7	3	0
ENSG00000073331	543	870	847	603
ENSG00000073350	5	9	1	3
ENSG00000073417	583	743	864	676
ENSG00000073464	543	702	441	485
ENSG00000073536	506	418	417	317
ENSG00000073578	2510	2324	2558	1960
ENSG00000073584	3157	4202	4218	2551
ENSG00000073598	2	2	5	0
ENSG00000073605	195	277	223	191
ENSG00000073614	1643	2010	1985	1407

ENSG00000073670	41	62	40	30
ENSG00000073711	740	910	1052	916
ENSG00000073712	3204	3641	3609	2685
ENSG00000073734	0	0	0	0
ENSG00000073737	0	0	0	0
ENSG00000073754	0	0	0	1
ENSG00000073756	72	93	170	109
ENSG00000073792	1664	1679	2609	1645
ENSG00000073803	256	316	353	248
ENSG00000073849	31	30	40	24
ENSG00000073861	0	0	0	0
ENSG00000073905	0	0	0	0
ENSG00000073910	984	1849	993	1157
ENSG00000073921	3294	4293	4756	3221
ENSG00000073969	562	642	356	560
ENSG00000074047	476	433	534	390
ENSG00000074054	1771	1662	1907	1349
ENSG00000074071	650	567	624	451
ENSG00000074181	384	908	949	732
ENSG00000074201	1230	1365	1356	1092
ENSG00000074211	8	11	7	8
ENSG00000074219	688	751	1041	635
ENSG00000074266	257	259	230	256
ENSG00000074276	8	4	17	2
ENSG00000074317	0	1	0	0
ENSG00000074319	815	1267	1297	862
ENSG00000074356	1066	1198	1276	961
ENSG00000074370	75	56	40	122
ENSG00000074410	3393	2519	7167	3202
ENSG00000074416	3409	5429	3883	3010
ENSG00000074527	2154	5495	1323	3149
ENSG00000074582	426	425	248	290
ENSG00000074590	247	393	221	234
ENSG00000074603	1440	1485	1350	1193
ENSG00000074621	490	522	548	468
ENSG00000074657	2824	3978	3474	2901
ENSG00000074660	10	11	11	10
ENSG00000074695	3806	4754	4721	4248
ENSG00000074696	2133	2570	2768	1926
ENSG00000074706	60	31	31	13
ENSG00000074755	1971	1961	2304	1573
ENSG00000074771	0	0	0	0
ENSG00000074800	17328	14807	12814	9186

ENSG00000074803	2	16	59	1
ENSG00000074842	1557	1746	1595	1180
ENSG00000074855	225	211	166	173
ENSG00000074935	274	447	402	320
ENSG00000074964	808	888	827	594
ENSG00000074966	4	6	2	7
ENSG00000075035	1	0	1	0
ENSG00000075043	0	0	0	0
ENSG00000075073	11	7	13	6
ENSG00000075089	342	326	298	248
ENSG00000075131	87	176	87	81
ENSG00000075142	1301	1470	1463	1188
ENSG00000075151	3356	4006	5056	3207
ENSG00000075188	578	520	487	461
ENSG00000075213	860	955	1466	1142
ENSG00000075218	7	20	16	24
ENSG00000075223	2872	5728	2654	3472
ENSG00000075234	513	436	644	345
ENSG00000075239	943	1344	1192	1153
ENSG00000075240	857	723	753	865
ENSG00000075275	2	11	13	29
ENSG00000075290	1	2	2	3
ENSG00000075292	1848	2224	2512	1694
ENSG00000075303	255	292	349	204
ENSG00000075336	340	338	356	263
ENSG00000075340	1	4	21	6
ENSG00000075388	0	0	0	0
ENSG00000075391	757	1053	952	766
ENSG00000075399	792	659	652	540
ENSG00000075407	914	987	1548	753
ENSG00000075413	1200	1344	1518	1195
ENSG00000075415	6789	6985	7156	5365
ENSG00000075420	4285	5207	6409	3904
ENSG00000075426	2980	3328	3821	2173
ENSG00000075429	0	0	0	0
ENSG00000075461	0	0	0	0
ENSG00000075539	1137	1019	1204	863
ENSG00000075568	1826	2389	2450	1963
ENSG00000075618	3813	2596	3779	2695
ENSG00000075624	55989	84200	63999	53936
ENSG00000075643	229	319	207	196
ENSG00000075651	792	1364	1408	539
ENSG00000075673	1	0	0	0

ENSG00000075702	22	23	30	34
ENSG00000075711	1150	1430	1607	1247
ENSG00000075785	6188	10886	11720	7499
ENSG00000075790	871	971	1076	949
ENSG00000075826	267	372	402	473
ENSG00000075856	905	1041	1139	929
ENSG00000075884	4	8	8	15
ENSG00000075886	14	1	6	6
ENSG00000075891	0	0	0	0
ENSG00000075914	425	510	512	314
ENSG00000075945	956	1193	1255	784
ENSG00000075975	912	962	824	679
ENSG00000076003	539	646	496	609
ENSG00000076043	1918	2232	2196	1470
ENSG00000076053	561	619	856	499
ENSG00000076067	1341	2272	2314	1636
ENSG00000076108	1964	2493	2580	1654
ENSG00000076201	1540	1504	1480	1228
ENSG00000076242	671	730	697	542
ENSG00000076248	330	399	436	310
ENSG00000076258	144	169	86	121
ENSG00000076321	866	972	1078	753
ENSG00000076344	279	411	183	233
ENSG00000076351	153	151	180	145
ENSG00000076356	260	466	243	313
ENSG00000076382	87	65	93	46
ENSG00000076513	4570	7053	6065	4878
ENSG00000076554	3	2	2	2
ENSG00000076555	325	624	223	450
ENSG00000076604	415	404	506	310
ENSG00000076641	360	367	377	269
ENSG00000076650	180	180	177	237
ENSG00000076662	164	123	117	108
ENSG00000076685	1629	2163	1855	1794
ENSG00000076706	24	37	118	30
ENSG00000076716	347	359	224	391
ENSG00000076770	128	193	186	156
ENSG00000076826	0	0	0	0
ENSG00000076864	5	11	18	5
ENSG00000076924	816	923	778	704
ENSG00000076928	1180	1250	1280	1017
ENSG00000076944	33	155	46	60
ENSG00000076984	863	792	864	711

ENSG00000077009	0	0	0	1
ENSG00000077044	126	146	134	84
ENSG00000077063	672	545	406	377
ENSG00000077080	0	0	0	0
ENSG00000077092	357	518	289	207
ENSG00000077097	3477	4054	4010	3183
ENSG00000077147	4848	5188	5950	4657
ENSG00000077150	571	562	656	502
ENSG00000077152	63	61	54	43
ENSG00000077157	662	3024	751	1488
ENSG00000077232	4360	4413	3431	3428
ENSG00000077235	2472	3196	3376	2409
ENSG00000077238	377	538	552	389
ENSG00000077254	2003	2334	2545	1755
ENSG00000077264	166	133	42	168
ENSG00000077274	2	2	1	2
ENSG00000077279	1	1	5	4
ENSG00000077312	506	557	529	436
ENSG00000077327	0	0	0	0
ENSG00000077348	79	62	67	55
ENSG00000077380	2770	3927	4197	2446
ENSG00000077420	407	718	578	237
ENSG00000077454	680	735	674	539
ENSG00000077458	258	468	469	288
ENSG00000077463	243	218	246	153
ENSG00000077498	0	0	2	3
ENSG00000077514	402	541	508	360
ENSG00000077522	10	6	0	1
ENSG00000077549	4758	6009	4824	3841
ENSG00000077585	604	620	680	564
ENSG00000077616	52	81	23	54
ENSG00000077684	1122	1248	1213	1012
ENSG00000077713	529	482	602	500
ENSG00000077721	1420	1658	1898	1267
ENSG00000077782	15177	19353	18834	14436
ENSG00000077800	6	2	6	5
ENSG00000077935	3	3	7	3
ENSG00000077942	168325	204462	188138	139786
ENSG00000077943	282	392	174	443
ENSG00000077984	0	1	0	0
ENSG00000078018	435	3226	694	1086
ENSG00000078043	601	742	793	679
ENSG00000078053	275	323	211	183

ENSG00000078061	917	1019	1003	753
ENSG00000078070	411	639	515	419
ENSG00000078081	38	19	8	6
ENSG00000078098	2525	3439	4895	2672
ENSG00000078114	13	29	22	0
ENSG00000078124	197	300	340	173
ENSG00000078140	1054	1072	1215	756
ENSG00000078142	975	1278	1116	836
ENSG00000078177	406	484	449	320
ENSG00000078237	420	420	515	280
ENSG00000078246	1323	1497	1624	1212
ENSG00000078269	1299	1662	1543	1108
ENSG00000078295	17	21	102	7
ENSG00000078304	2325	2814	2819	2087
ENSG00000078319	47	65	63	52
ENSG00000078328	0	0	0	0
ENSG00000078369	6548	8751	8651	5981
ENSG00000078399	0	0	0	0
ENSG00000078401	10	28	14	20
ENSG00000078403	820	702	801	552
ENSG00000078487	166	241	185	163
ENSG00000078549	5	2	0	2
ENSG00000078579	2	1	1	0
ENSG00000078589	0	0	0	0
ENSG00000078596	1	0	3	16
ENSG00000078618	3143	3967	3947	2952
ENSG00000078668	1092	1411	1333	1059
ENSG00000078674	3312	3693	3845	3181
ENSG00000078687	514	678	557	426
ENSG00000078699	617	646	813	553
ENSG00000078725	32	58	34	50
ENSG00000078747	1448	1553	1729	1491
ENSG00000078795	4	5	9	2
ENSG00000078804	637	794	862	573
ENSG00000078808	4427	5814	5963	3888
ENSG00000078814	44	34	39	23
ENSG00000078898	0	0	0	0
ENSG00000078900	14	16	14	8
ENSG00000078902	1236	1100	1402	1038
ENSG00000078967	421	389	372	326
ENSG00000079101	23	32	17	27
ENSG00000079102	1249	1258	1081	1008
ENSG00000079112	7	16	13	12

ENSG00000079134	391	411	469	423
ENSG00000079150	889	882	832	623
ENSG00000079156	36	47	33	30
ENSG00000079215	81	67	114	48
ENSG00000079246	5148	5670	5794	4019
ENSG00000079257	3848	3136	1402	1522
ENSG00000079263	6	9	6	10
ENSG00000079277	518	612	700	544
ENSG00000079308	9319	9181	9908	7159
ENSG00000079313	387	406	416	327
ENSG00000079332	3338	3359	3780	2640
ENSG00000079335	65	91	108	58
ENSG00000079337	139	109	110	157
ENSG00000079385	0	17	8	7
ENSG00000079387	443	454	483	408
ENSG00000079393	0	0	1	0
ENSG00000079432	2519	2822	2636	2364
ENSG00000079435	28	52	39	32
ENSG00000079459	998	1227	1042	851
ENSG00000079462	118	127	148	98
ENSG00000079482	384	429	359	295
ENSG00000079557	0	0	0	0
ENSG00000079616	195	258	197	152
ENSG00000079689	0	0	0	0
ENSG00000079691	939	1008	1202	853
ENSG00000079739	1291	1928	1550	1053
ENSG00000079785	2012	2041	2124	1564
ENSG00000079805	2424	2700	2555	2050
ENSG00000079819	6984	10252	11032	7868
ENSG00000079841	14	82	22	15
ENSG00000079931	7407	6384	5991	7270
ENSG00000079950	1292	1343	1432	1276
ENSG00000079974	546	630	583	420
ENSG00000079999	1816	1623	1816	1353
ENSG00000080007	83	22	22	13
ENSG00000080031	26	95	16	30
ENSG00000080166	3	11	5	9
ENSG00000080189	742	850	814	754
ENSG00000080200	2054	2530	2680	1590
ENSG00000080224	0	0	0	0
ENSG00000080293	0	0	0	1
ENSG00000080298	127	171	199	109
ENSG00000080345	1152	1361	1561	1277

ENSG00000080371	1027	1151	1460	909
ENSG00000080493	346	495	490	313
ENSG00000080503	3031	4383	3770	3801
ENSG00000080511	1	2	3	0
ENSG00000080546	844	955	889	792
ENSG00000080561	140	176	204	135
ENSG00000080572	1	1	1	2
ENSG00000080573	230	275	166	317
ENSG00000080603	2512	2936	2860	2220
ENSG00000080608	357	538	621	362
ENSG00000080618	1	1	0	0
ENSG00000080644	0	1	0	1
ENSG00000080709	10	6	6	6
ENSG00000080802	561	753	744	471
ENSG00000080815	1376	1817	1779	1420
ENSG00000080819	540	491	614	510
ENSG00000080822	939	1037	1044	685
ENSG00000080823	133	219	189	133
ENSG00000080824	15567	20756	24017	13812
ENSG00000080839	186	157	127	154
ENSG00000080845	2358	2859	2813	2128
ENSG00000080854	3	0	0	0
ENSG00000080910	0	0	0	0
ENSG00000080947	175	190	259	135
ENSG00000080986	66	32	31	46
ENSG00000081014	526	711	573	401
ENSG00000081019	369	353	422	374
ENSG00000081026	371	358	389	319
ENSG00000081041	1	2	8	2
ENSG00000081051	1	5	11	6
ENSG00000081052	59	154	65	82
ENSG00000081059	61	79	57	89
ENSG00000081087	1068	1146	1151	923
ENSG00000081138	7	2	10	4
ENSG00000081148	9	12	11	14
ENSG00000081154	2761	3518	3473	2595
ENSG00000081177	474	601	345	418
ENSG00000081181	10	17	13	18
ENSG00000081189	153	190	175	163
ENSG00000081237	6	13	12	10
ENSG00000081248	0	0	0	0
ENSG00000081277	1	0	0	0
ENSG00000081307	975	1122	1049	900

ENSG00000081320	712	944	1341	1219
ENSG00000081377	1621	1923	1903	1800
ENSG00000081386	367	349	403	261
ENSG00000081479	2	11	13	7
ENSG00000081665	153	255	249	201
ENSG00000081692	308	349	341	312
ENSG00000081721	257	272	266	245
ENSG00000081760	451	457	409	393
ENSG00000081791	1038	1219	1283	1036
ENSG00000081800	0	1	0	0
ENSG00000081803	739	978	219	688
ENSG00000081818	22	13	27	13
ENSG00000081842	7	6	6	6
ENSG00000081853	227	367	822	208
ENSG00000081870	200	253	266	201
ENSG00000081913	230	335	230	264
ENSG00000081923	1318	1796	1566	1544
ENSG00000081985	1	6	0	1
ENSG00000082014	801	1016	995	681
ENSG00000082068	584	656	733	558
ENSG00000082074	1	10	8	9
ENSG00000082126	11	18	27	7
ENSG00000082146	607	998	1104	625
ENSG00000082153	5055	6440	6497	4720
ENSG00000082175	16	10	1	7
ENSG00000082196	12	33	23	44
ENSG00000082212	492	532	620	540
ENSG00000082213	408	508	571	321
ENSG00000082258	659	839	742	619
ENSG00000082269	288	236	256	287
ENSG00000082293	8	6	10	2
ENSG00000082397	958	270	203	882
ENSG00000082438	704	1133	867	1123
ENSG00000082458	493	578	654	460
ENSG00000082482	43	43	64	83
ENSG00000082497	7	2	16	5
ENSG00000082512	379	496	430	429
ENSG00000082515	257	275	243	202
ENSG00000082516	434	418	552	423
ENSG00000082556	0	1	1	2
ENSG00000082641	9858	13977	13255	10141
ENSG00000082684	0	1	1	0
ENSG00000082701	1471	1647	1915	1473

ENSG00000082781	6955	9059	8339	6304
ENSG00000082805	1222	986	1118	1005
ENSG00000082898	2755	3358	3601	2683
ENSG00000082996	1052	1056	1142	893
ENSG00000083067	11	29	32	11
ENSG00000083093	226	247	291	207
ENSG00000083097	591	686	752	644
ENSG00000083099	515	831	700	605
ENSG00000083123	322	353	262	297
ENSG00000083168	1610	1541	1664	1446
ENSG00000083223	868	923	1222	1000
ENSG00000083290	808	1235	1061	895
ENSG00000083307	0	1	3	0
ENSG00000083312	4589	5178	6223	4539
ENSG00000083444	6591	8122	6998	6264
ENSG00000083454	8	13	14	5
ENSG00000083457	264	258	213	232
ENSG00000083520	946	1268	1233	859
ENSG00000083535	333	317	433	295
ENSG00000083544	334	302	357	237
ENSG00000083635	130	169	154	106
ENSG00000083642	890	1058	1261	837
ENSG00000083720	602	1010	913	588
ENSG00000083750	537	428	598	435
ENSG00000083782	3	0	3	0
ENSG00000083799	1271	1497	1436	1094
ENSG00000083807	111	102	102	86
ENSG00000083812	281	257	243	215
ENSG00000083814	129	231	224	131
ENSG00000083817	95	138	155	96
ENSG00000083828	69	63	69	51
ENSG00000083838	229	260	218	202
ENSG00000083844	409	361	423	325
ENSG00000083845	10314	10205	8676	6795
ENSG00000083857	8339	10286	12617	6130
ENSG00000083896	562	713	722	604
ENSG00000083937	646	944	1019	786
ENSG00000084070	521	466	725	450
ENSG00000084072	529	679	583	518
ENSG00000084073	1857	2108	1882	1663
ENSG00000084090	2063	2598	2965	1922
ENSG00000084092	644	618	713	512
ENSG00000084093	926	1110	966	835

ENSG00000084110	0	21	0	1
ENSG00000084112	2345	3266	2983	2486
ENSG00000084207	4224	4239	3849	2910
ENSG00000084234	20770	30854	33100	24035
ENSG00000084444	259	232	227	205
ENSG00000084453	7	2	8	5
ENSG00000084463	1186	1318	1413	1228
ENSG00000084623	3027	3080	3028	2154
ENSG00000084628	4	5	5	1
ENSG00000084636	4925	3558	3525	3733
ENSG00000084652	3096	3967	4279	2858
ENSG00000084674	68	290	29	122
ENSG00000084676	1302	1340	1388	1102
ENSG00000084693	676	705	912	507
ENSG00000084710	48	33	33	60
ENSG00000084731	707	794	668	688
ENSG00000084733	2564	3144	3547	2198
ENSG00000084734	3	9	2	8
ENSG00000084754	4210	5109	5174	4005
ENSG00000084764	480	426	459	311
ENSG00000084774	1059	1323	1039	893
ENSG00000085063	9584	12371	13545	10011
ENSG00000085117	1186	1371	2294	1017
ENSG00000085185	556	505	432	373
ENSG00000085224	3146	3973	4409	3925
ENSG00000085231	102	109	82	71
ENSG00000085265	5	15	24	13
ENSG00000085274	454	422	483	432
ENSG00000085276	1288	1830	1572	1412
ENSG00000085365	1095	1254	1258	1141
ENSG00000085377	556	616	588	473
ENSG00000085382	335	383	395	371
ENSG00000085415	259	346	314	347
ENSG00000085433	583	648	594	485
ENSG00000085449	1872	2215	1846	1612
ENSG00000085465	28	32	58	36
ENSG00000085491	929	889	967	814
ENSG00000085511	1011	761	1447	693
ENSG00000085514	7	49	30	39
ENSG00000085552	8	6	6	2
ENSG00000085563	129	164	137	119
ENSG00000085644	385	368	369	382
ENSG00000085662	2379	2727	5752	1814

ENSG00000085719	2547	2425	2555	2448
ENSG00000085721	318	417	456	281
ENSG00000085733	9454	10484	11301	8569
ENSG00000085741	6	16	5	4
ENSG00000085760	517	598	584	441
ENSG00000085788	940	1476	1083	915
ENSG00000085831	8	12	13	9
ENSG00000085832	1874	2485	2289	1915
ENSG00000085840	8	9	12	14
ENSG00000085871	122	170	167	105
ENSG00000085872	844	877	967	667
ENSG00000085978	217	282	336	256
ENSG00000085982	1195	1414	1266	1179
ENSG00000085998	992	1334	1369	806
ENSG00000085999	16	10	14	10
ENSG00000086015	1806	2698	2323	1773
ENSG00000086061	3796	4657	5083	3616
ENSG00000086062	3844	5295	4575	3088
ENSG00000086065	1275	1612	1747	1128
ENSG00000086102	1219	1409	1477	1289
ENSG00000086159	5	2	0	0
ENSG00000086189	553	390	500	419
ENSG00000086200	485	747	755	429
ENSG00000086205	2	4	3	7
ENSG00000086232	2072	2313	2394	1934
ENSG00000086288	0	0	0	0
ENSG00000086289	798	2053	971	867
ENSG00000086300	4	2	3	3
ENSG00000086475	808	989	1138	667
ENSG00000086504	608	783	751	505
ENSG00000086506	0	1	1	2
ENSG00000086544	812	926	1004	582
ENSG00000086548	0	0	0	0
ENSG00000086570	17	19	21	13
ENSG00000086589	621	557	595	473
ENSG00000086598	4955	6943	5941	4322
ENSG00000086619	121	94	153	148
ENSG00000086666	1059	1220	1318	968
ENSG00000086696	126	40	55	27
ENSG00000086712	494	537	675	690
ENSG00000086717	2	2	0	0
ENSG00000086730	40	51	40	26
ENSG00000086758	7884	10505	10366	7334

ENSG00000086827	347	393	367	295
ENSG00000086848	523	564	684	483
ENSG00000086967	1	0	8	8
ENSG00000086991	33	46	60	32
ENSG00000087008	409	430	468	251
ENSG00000087053	689	740	982	647
ENSG00000087074	1753	1704	1659	1492
ENSG00000087076	249	390	395	257
ENSG00000087077	2259	2020	1973	1817
ENSG00000087085	4	9	7	7
ENSG00000087086	240336	236329	341599	168460
ENSG00000087087	1733	1658	2052	1355
ENSG00000087088	2089	1544	1546	1216
ENSG00000087095	204	235	275	161
ENSG00000087111	965	1453	1222	917
ENSG00000087116	3216	4301	3830	3520
ENSG00000087128	0	0	0	0
ENSG00000087152	1201	986	1193	959
ENSG00000087157	845	788	776	529
ENSG00000087191	1628	1543	1578	1111
ENSG00000087206	457	551	562	413
ENSG00000087237	6	6	8	5
ENSG00000087245	139897	146475	190552	125614
ENSG00000087250	1	2	1	1
ENSG00000087253	866	897	1178	987
ENSG00000087258	2	15	15	1
ENSG00000087263	718	805	819	520
ENSG00000087266	546	554	722	618
ENSG00000087269	787	834	990	751
ENSG00000087274	6923	8469	8673	6069
ENSG00000087299	146	205	104	132
ENSG00000087301	225	291	259	257
ENSG00000087302	1814	2360	2418	1565
ENSG00000087303	4389	9623	8454	4481
ENSG00000087338	315	285	327	216
ENSG00000087365	4410	4752	5319	3620
ENSG00000087448	722	676	946	565
ENSG00000087460	12759	20535	19776	14920
ENSG00000087470	962	1295	1285	981
ENSG00000087494	19	65	56	59
ENSG00000087495	1	9	3	3
ENSG00000087502	1007	1305	1607	1014
ENSG00000087510	10	9	3	5

ENSG00000087586	178	252	161	215
ENSG00000087589	349	555	257	350
ENSG00000087842	180	305	467	127
ENSG00000087884	243	350	304	217
ENSG00000087903	262	367	346	227
ENSG00000087995	257	291	275	255
ENSG00000088002	11	9	8	3
ENSG00000088035	156	191	239	170
ENSG00000088038	777	646	1001	683
ENSG00000088053	1	0	0	0
ENSG00000088179	296	394	594	270
ENSG00000088205	1028	1142	1288	953
ENSG00000088247	3160	2901	2803	2525
ENSG00000088256	1682	2059	1993	1494
ENSG00000088280	898	1151	1097	762
ENSG00000088298	656	851	708	525
ENSG00000088305	66	54	94	63
ENSG00000088320	0	3	0	1
ENSG00000088325	391	354	401	271
ENSG00000088340	101	181	135	132
ENSG00000088356	228	250	253	192
ENSG00000088367	1160	1700	2137	1335
ENSG00000088386	7	5	4	5
ENSG00000088387	425	328	359	542
ENSG00000088448	1709	1659	1471	2069
ENSG00000088451	99	150	110	103
ENSG00000088538	32	57	53	20
ENSG00000088543	478	653	609	421
ENSG00000088682	536	619	747	424
ENSG00000088726	4	3	4	4
ENSG00000088727	58	71	60	69
ENSG00000088756	1840	1004	997	838
ENSG00000088766	330	350	353	306
ENSG00000088782	0	0	0	0
ENSG00000088808	106	237	216	125
ENSG00000088812	2717	3555	3446	3016
ENSG00000088826	384	285	397	346
ENSG00000088827	2	3	3	3
ENSG00000088832	4191	4506	4329	3846
ENSG00000088833	1070	1323	1327	924
ENSG00000088836	62	61	97	37
ENSG00000088854	1546	1574	1598	1225
ENSG00000088876	287	338	356	336

ENSG00000088881	111	52	136	54
ENSG00000088882	53	68	85	114
ENSG00000088888	2488	2572	2639	2209
ENSG00000088899	262	270	302	167
ENSG00000088926	0	0	0	0
ENSG00000088930	2644	3223	3665	2436
ENSG00000088970	571	794	814	764
ENSG00000088986	2121	2860	2717	1938
ENSG00000088992	3	2	0	2
ENSG00000089006	1810	2381	2529	2079
ENSG00000089009	17956	18657	18343	13715
ENSG00000089012	0	0	0	0
ENSG00000089022	536	561	507	456
ENSG00000089041	321	220	257	192
ENSG00000089048	327	440	514	373
ENSG00000089050	451	458	420	396
ENSG00000089053	2140	2778	2506	1964
ENSG00000089057	1125	1037	1141	807
ENSG00000089060	684	1027	747	815
ENSG00000089063	3023	2950	3046	1683
ENSG00000089091	43	70	40	37
ENSG00000089094	616	647	518	526
ENSG00000089101	3	5	0	3
ENSG00000089116	0	0	0	0
ENSG00000089123	92	126	120	96
ENSG00000089127	41	41	19	17
ENSG00000089154	3370	2578	2842	2313
ENSG00000089157	57313	44124	36920	32018
ENSG00000089159	4578	5506	4538	4231
ENSG00000089163	26	25	27	34
ENSG00000089169	9	4	12	7
ENSG00000089177	423	632	596	636
ENSG00000089195	162	195	223	152
ENSG00000089199	3	7	6	4
ENSG00000089220	3865	4398	3888	3360
ENSG00000089225	841	899	936	618
ENSG00000089234	536	675	659	463
ENSG00000089248	2263	2562	2527	1885
ENSG00000089250	12	19	21	19
ENSG00000089280	2087	2610	2868	1716
ENSG00000089289	1098	1375	1443	1027
ENSG00000089327	767	1264	1331	876
ENSG00000089335	626	858	729	627

ENSG00000089351	889	867	1079	707
ENSG00000089356	0	1	3	0
ENSG00000089472	2717	3309	4586	3025
ENSG00000089486	447	462	657	440
ENSG00000089505	29	36	45	25
ENSG00000089558	0	0	1	1
ENSG00000089597	9273	11507	9625	7724
ENSG00000089639	142	206	168	156
ENSG00000089682	233	307	359	257
ENSG00000089685	44	32	52	57
ENSG00000089692	2	7	3	8
ENSG00000089693	2765	2837	3024	2067
ENSG00000089723	49	72	64	53
ENSG00000089737	199	120	509	175
ENSG00000089775	297	359	298	290
ENSG00000089818	454	544	575	506
ENSG00000089820	14	47	40	38
ENSG00000089847	46	82	47	69
ENSG00000089876	576	682	796	510
ENSG00000089902	491	533	640	531
ENSG00000089916	1332	1398	1186	1027
ENSG00000090006	34244	36910	33717	25506
ENSG00000090013	889	970	826	695
ENSG00000090020	1228	1385	1285	1324
ENSG00000090054	1653	1808	2187	1565
ENSG00000090060	3083	3677	4505	2903
ENSG00000090061	702	854	918	729
ENSG00000090097	1138	1159	1115	988
ENSG00000090104	0	0	0	0
ENSG00000090238	847	967	1058	761
ENSG00000090263	404	517	479	349
ENSG00000090266	663	628	584	519
ENSG00000090273	1041	1199	1236	907
ENSG00000090316	1342	1507	1406	1127
ENSG00000090339	273	457	211	216
ENSG00000090372	1410	1314	1530	1037
ENSG00000090376	516	323	800	364
ENSG00000090382	0	0	0	1
ENSG00000090402	0	0	0	0
ENSG00000090432	745	825	627	687
ENSG00000090447	157	198	164	144
ENSG00000090470	597	524	564	617
ENSG00000090487	1987	2073	2056	1840

ENSG00000090512	1	0	0	0
ENSG00000090520	686	992	1230	739
ENSG00000090530	91	128	154	91
ENSG00000090534	22	42	24	13
ENSG00000090539	235	410	214	211
ENSG00000090554	277	288	237	238
ENSG00000090565	743	951	1060	832
ENSG00000090581	1548	1584	1731	1223
ENSG00000090612	566	658	633	416
ENSG00000090615	2307	2693	2553	2136
ENSG00000090621	5067	5397	4177	3625
ENSG00000090659	3	1	1	2
ENSG00000090661	381	168	37	250
ENSG00000090674	615	548	637	477
ENSG00000090686	1609	2020	2266	1396
ENSG00000090776	764	924	478	634
ENSG00000090857	2160	1422	1713	1883
ENSG00000090861	3182	3902	3707	4136
ENSG00000090863	6384	7743	6177	5812
ENSG00000090889	40	36	30	36
ENSG00000090905	2716	3352	3462	2804
ENSG00000090924	1124	1143	1383	1242
ENSG00000090932	3	3	5	2
ENSG00000090971	347	310	309	278
ENSG00000090975	626	533	378	610
ENSG00000090989	1440	1696	1765	1344
ENSG00000091009	596	573	601	600
ENSG00000091010	0	0	1	0
ENSG00000091039	4294	7683	4717	5925
ENSG00000091073	193	200	176	196
ENSG00000091106	2	12	8	16
ENSG00000091127	168	120	185	133
ENSG00000091128	3	10	7	3
ENSG00000091129	513	101	76	164
ENSG00000091136	21690	28771	23955	22499
ENSG00000091137	8	4	17	13
ENSG00000091138	0	0	0	0
ENSG00000091140	845	1028	961	799
ENSG00000091157	421	553	700	521
ENSG00000091164	1418	1619	1644	1205
ENSG00000091181	0	2	2	4
ENSG00000091262	108	83	68	60
ENSG00000091317	1751	2080	2182	1604

ENSG00000091409	117	425	397	229
ENSG00000091428	49	63	81	36
ENSG00000091436	5189	5338	6432	4315
ENSG00000091482	0	0	0	0
ENSG00000091483	876	811	1086	775
ENSG00000091490	1440	2524	1961	2367
ENSG00000091513	14	45	64	28
ENSG00000091527	3497	4432	4697	3277
ENSG00000091536	55	76	46	58
ENSG00000091542	1607	1977	1762	1653
ENSG00000091583	2	0	1	2
ENSG00000091592	1881	2132	1777	2013
ENSG00000091622	32	37	54	38
ENSG00000091640	763	1041	787	642
ENSG00000091651	77	95	100	100
ENSG00000091656	842	1033	1230	875
ENSG00000091664	0	0	0	0
ENSG00000091704	2	18	4	1
ENSG00000091732	223	316	314	254
ENSG00000091831	68	60	24	56
ENSG00000091844	148	46	123	136
ENSG00000091879	8	4	19	7
ENSG00000091947	478	518	480	380
ENSG00000091972	23	149	59	55
ENSG00000091986	141919	279760	103647	198684
ENSG00000092009	0	4	3	2
ENSG00000092010	1571	1841	1771	1365
ENSG00000092020	351	516	539	280
ENSG00000092036	434	543	458	380
ENSG00000092051	3	3	1	0
ENSG00000092054	0	0	0	0
ENSG00000092067	0	0	0	0
ENSG00000092068	1734	1571	1564	998
ENSG00000092094	358	406	408	299
ENSG00000092096	524	399	482	409
ENSG00000092098	613	812	912	593
ENSG00000092108	1112	1229	1316	914
ENSG00000092140	340	375	350	285
ENSG00000092148	5730	7867	6775	7128
ENSG00000092199	4623	6104	6332	4624
ENSG00000092200	4	10	6	7
ENSG00000092201	2554	2846	2916	2316
ENSG00000092203	1568	2043	2063	1163

ENSG00000092208	104	97	71	82
ENSG00000092295	26	26	13	8
ENSG00000092330	820	1016	876	690
ENSG00000092345	3	1	0	0
ENSG00000092377	0	0	0	0
ENSG00000092421	66	96	41	18
ENSG00000092439	1660	2071	2282	2060
ENSG00000092445	583	513	561	653
ENSG00000092470	103	109	141	95
ENSG00000092529	153	170	206	192
ENSG00000092531	1131	1630	1653	764
ENSG00000092607	2	5	3	3
ENSG00000092621	1907	2619	1256	1890
ENSG00000092758	4	6	3	6
ENSG00000092820	1472	2383	1625	1289
ENSG00000092841	8044	14232	11805	8562
ENSG00000092847	1314	1253	1297	1076
ENSG00000092850	0	3	5	2
ENSG00000092853	107	55	54	45
ENSG00000092871	457	434	533	364
ENSG00000092929	32	28	72	27
ENSG00000092931	459	519	458	465
ENSG00000092964	4356	5357	4542	3434
ENSG00000092969	196	389	645	259
ENSG00000092978	274	288	346	287
ENSG00000093000	1344	1459	1703	961
ENSG00000093009	27	4	9	4
ENSG00000093010	2855	3094	3062	2199
ENSG00000093072	935	725	878	530
ENSG00000093134	22	26	19	4
ENSG00000093144	1178	1224	1503	965
ENSG00000093167	1537	1998	1972	1528
ENSG00000093183	1213	1298	1193	1377
ENSG00000093217	90	149	98	117
ENSG00000094631	523	589	721	490
ENSG00000094661	0	0	0	0
ENSG00000094755	17	32	47	17
ENSG00000094796	0	0	0	0
ENSG00000094804	32	29	54	32
ENSG00000094841	158	161	179	130
ENSG00000094880	632	783	653	543
ENSG00000094914	794	949	789	658
ENSG00000094916	2961	3490	2778	2554

ENSG00000094963	1562	4409	1075	1274
ENSG00000094975	848	950	1014	611
ENSG00000095002	545	476	476	451
ENSG00000095015	344	502	295	405
ENSG00000095059	498	525	522	440
ENSG00000095066	205	277	362	185
ENSG00000095110	1	1	4	0
ENSG00000095139	4351	4341	4903	3585
ENSG00000095203	61	112	205	68
ENSG00000095209	214	232	378	199
ENSG00000095261	942	1264	1248	1050
ENSG00000095303	853	1034	1833	1211
ENSG00000095319	1246	1090	1288	1243
ENSG00000095321	1535	1837	1784	1319
ENSG00000095370	3	1	17	0
ENSG00000095380	468	652	499	422
ENSG00000095383	183	352	257	197
ENSG00000095397	138	126	189	164
ENSG00000095464	1	0	6	6
ENSG00000095485	225	303	253	184
ENSG00000095539	166	200	251	118
ENSG00000095564	1744	1606	1771	1281
ENSG00000095574	402	414	438	326
ENSG00000095585	86	48	18	31
ENSG00000095587	4	6	11	9
ENSG00000095596	0	0	0	0
ENSG00000095627	1	1	2	2
ENSG00000095637	35	35	20	18
ENSG00000095713	0	0	0	0
ENSG00000095739	51	188	83	101
ENSG00000095752	34	44	88	58
ENSG00000095777	0	0	1	0
ENSG00000095787	2135	2714	3309	2083
ENSG00000095794	247	282	325	234
ENSG00000095906	585	493	576	439
ENSG00000095917	0	0	0	0
ENSG00000095932	1	2	0	0
ENSG00000095951	565	605	872	386
ENSG00000095970	4	0	0	4
ENSG00000095981	0	0	0	0
ENSG00000096006	0	0	0	0
ENSG00000096060	273	386	599	161
ENSG00000096063	643	862	944	653

ENSG00000096070	974	1083	1330	939
ENSG00000096080	281	304	315	267
ENSG00000096088	0	0	0	0
ENSG00000096092	446	418	319	336
ENSG00000096093	631	706	885	673
ENSG00000096150	5398	4986	3874	3398
ENSG00000096155	346	384	44	29
ENSG00000096171	176	68	78	56
ENSG00000096264	0	0	0	0
ENSG00000096384	11752	13766	13704	11013
ENSG00000096395	0	1	1	1
ENSG00000096401	987	1185	1185	833
ENSG00000096433	2034	3398	2427	2413
ENSG00000096654	195	198	230	198
ENSG00000096696	28	36	246	118
ENSG00000096717	521	500	571	479
ENSG00000096746	1727	2228	1845	1466
ENSG00000096872	257	384	359	260
ENSG00000096968	555	572	635	564
ENSG00000096996	12	8	16	13
ENSG00000097007	6333	7101	7948	5138
ENSG00000097021	526	651	560	524
ENSG00000097033	2828	3466	3355	2892
ENSG00000097046	47	101	73	22
ENSG00000097096	95	172	124	129
ENSG00000099139	401	592	638	394
ENSG00000099194	3649	3005	2469	891
ENSG00000099203	443	462	416	375
ENSG00000099204	434	750	458	358
ENSG00000099219	508	623	657	466
ENSG00000099246	1577	1712	2016	1604
ENSG00000099250	6607	8421	6947	8089
ENSG00000099251	24	13	30	28
ENSG00000099256	433	465	569	399
ENSG00000099260	90	170	169	222
ENSG00000099282	1	0	3	2
ENSG00000099284	570	436	503	354
ENSG00000099290	4148	5764	6394	4178
ENSG00000099308	459	480	377	320
ENSG00000099326	513	555	498	408
ENSG00000099330	131	204	204	118
ENSG00000099331	3165	2913	2971	2679
ENSG00000099337	171	421	427	243

ENSG00000099338	18	12	17	23
ENSG00000099341	1693	2053	1976	1302
ENSG00000099364	352	265	319	402
ENSG00000099365	99	125	178	108
ENSG00000099377	435	374	281	384
ENSG00000099381	587	618	673	501
ENSG00000099385	598	613	622	477
ENSG00000099399	0	0	0	0
ENSG00000099617	0	1	0	0
ENSG00000099622	2979	3859	3540	3080
ENSG00000099624	609	642	663	442
ENSG00000099625	83	72	99	52
ENSG00000099715	3	7	3	6
ENSG00000099721	0	0	0	0
ENSG00000099725	377	410	699	30
ENSG00000099769	2	3	3	3
ENSG00000099783	3452	2732	2849	2111
ENSG00000099785	388	445	345	380
ENSG00000099795	607	828	680	550
ENSG00000099797	727	807	836	637
ENSG00000099800	525	440	491	466
ENSG00000099804	640	670	841	544
ENSG00000099810	731	760	602	569
ENSG00000099812	5	3	3	1
ENSG00000099814	1000	958	971	914
ENSG00000099817	2893	3377	3343	2463
ENSG00000099821	498	510	452	454
ENSG00000099822	29	46	53	35
ENSG00000099834	3	3	4	2
ENSG00000099840	29	27	19	28
ENSG00000099849	19	35	19	27
ENSG00000099860	205	292	222	162
ENSG00000099864	1901	3108	774	2564
ENSG00000099866	12	11	5	11
ENSG00000099875	1480	1828	1583	1127
ENSG00000099889	225	341	171	244
ENSG00000099899	569	595	595	512
ENSG00000099901	594	656	678	500
ENSG00000099904	1141	1098	1091	877
ENSG00000099910	484	575	571	527
ENSG00000099917	1927	2152	2102	1651
ENSG00000099937	0	1	0	1
ENSG00000099940	1071	1287	1447	856

ENSG00000099942	1629	1565	1549	1337
ENSG00000099949	1806	1471	1658	1291
ENSG00000099953	205	167	203	125
ENSG00000099954	3	9	5	4
ENSG00000099956	447	532	763	431
ENSG00000099957	93	112	82	41
ENSG00000099958	4	1	1	1
ENSG00000099960	11	29	6	11
ENSG00000099968	1220	1895	1816	1118
ENSG00000099974	28	24	27	22
ENSG00000099977	268	278	213	179
ENSG00000099984	0	10	22	15
ENSG00000099985	0	0	0	1
ENSG00000099991	1359	1478	1380	1361
ENSG00000099992	366	411	426	228
ENSG00000099994	7	65	137	36
ENSG00000099995	2227	2088	2158	1813
ENSG00000099998	29	359	294	116
ENSG00000099999	312	408	359	280
ENSG00000100003	191	224	166	229
ENSG00000100012	1	1	4	2
ENSG00000100014	2051	2710	2703	1859
ENSG00000100023	1017	1238	1031	757
ENSG00000100024	4	6	22	6
ENSG00000100027	104	82	121	83
ENSG00000100028	781	1038	1079	637
ENSG00000100029	1085	1309	1462	991
ENSG00000100030	3540	3753	3303	3007
ENSG00000100031	43	92	31	53
ENSG00000100033	8	13	4	4
ENSG00000100034	1572	1196	1461	1146
ENSG00000100036	79	91	95	104
ENSG00000100038	473	323	413	266
ENSG00000100053	0	0	0	0
ENSG00000100055	8	7	3	1
ENSG00000100056	345	398	379	289
ENSG00000100058	234	141	268	227
ENSG00000100060	0	0	0	0
ENSG00000100065	77	132	79	74
ENSG00000100068	40	15	36	48
ENSG00000100075	1166	1282	1152	894
ENSG00000100077	105	107	189	72
ENSG00000100078	0	1	2	1

ENSG00000100079	12	21	12	6
ENSG00000100083	766	907	932	640
ENSG00000100084	874	949	1036	802
ENSG00000100092	183	182	215	211
ENSG00000100095	0	0	0	0
ENSG00000100097	19819	20961	19996	17088
ENSG00000100099	728	887	999	607
ENSG00000100100	2520	3207	2686	2364
ENSG00000100101	0	0	0	0
ENSG00000100104	315	354	267	227
ENSG00000100105	508	460	439	372
ENSG00000100106	7263	6685	7216	4831
ENSG00000100109	779	779	740	637
ENSG00000100116	94	111	103	102
ENSG00000100121	0	3	2	1
ENSG00000100122	1	0	4	0
ENSG00000100124	215	260	259	206
ENSG00000100129	8521	8454	7378	5881
ENSG00000100138	1284	1414	1155	1021
ENSG00000100139	851	737	954	589
ENSG00000100142	459	481	443	335
ENSG00000100146	1	1	2	0
ENSG00000100147	38	46	60	47
ENSG00000100150	211	244	296	328
ENSG00000100151	90	133	68	50
ENSG00000100154	2878	2807	2925	2449
ENSG00000100156	2	4	2	3
ENSG00000100162	24	11	12	6
ENSG00000100167	49	23	27	14
ENSG00000100170	0	0	6	3
ENSG00000100191	0	0	0	0
ENSG00000100196	1266	1634	1584	1296
ENSG00000100197	0	7	16	17
ENSG00000100201	13221	12872	14104	10746
ENSG00000100206	26	39	11	20
ENSG00000100207	123	152	130	98
ENSG00000100209	195	253	256	206
ENSG00000100211	477	610	551	506
ENSG00000100216	889	823	940	621
ENSG00000100218	1	2	1	0
ENSG00000100219	1251	1464	1221	1122
ENSG00000100220	1266	1282	1383	968
ENSG00000100221	1130	1058	1304	1118

ENSG00000100225	1532	2140	2033	1467
ENSG00000100226	1034	1112	978	798
ENSG00000100227	1873	1824	1965	1633
ENSG00000100228	174	205	147	157
ENSG00000100234	57712	80167	69708	63231
ENSG00000100239	1223	1290	1469	1040
ENSG00000100241	3108	3602	3275	2625
ENSG00000100242	1995	2349	1717	1772
ENSG00000100243	11846	16259	16335	9540
ENSG00000100246	246	360	319	212
ENSG00000100249	3	6	4	2
ENSG00000100253	0	0	2	2
ENSG00000100258	1678	1661	1660	1260
ENSG00000100263	296	366	332	309
ENSG00000100266	845	1098	881	710
ENSG00000100271	314	329	316	223
ENSG00000100276	0	0	1	0
ENSG00000100280	1375	1656	1505	1072
ENSG00000100281	695	691	741	614
ENSG00000100284	816	1216	1311	739
ENSG00000100285	59	22	2	44
ENSG00000100288	482	628	718	564
ENSG00000100290	0	0	0	0
ENSG00000100292	4430	2067	4660	3451
ENSG00000100294	174	207	190	159
ENSG00000100296	498	1265	519	887
ENSG00000100297	210	291	191	228
ENSG00000100298	3	2	2	0
ENSG00000100299	1011	1118	1147	693
ENSG00000100300	2012	1834	1668	1879
ENSG00000100302	48	86	39	70
ENSG00000100304	599	444	491	467
ENSG00000100307	848	926	694	755
ENSG00000100311	0	2	0	0
ENSG00000100312	1	0	0	0
ENSG00000100314	3	9	1	4
ENSG00000100316	41907	34296	32726	27613
ENSG00000100319	264	318	288	248
ENSG00000100320	6292	7130	7677	5459
ENSG00000100321	683	1004	744	618
ENSG00000100324	699	736	635	636
ENSG00000100325	940	1207	1044	936
ENSG00000100330	1575	2062	1922	1737

ENSG00000100335	1104	1056	1081	859
ENSG00000100336	270	215	160	112
ENSG00000100341	9	6	64	3
ENSG00000100342	931	1500	879	1202
ENSG00000100344	166	83	147	29
ENSG00000100345	37152	43731	52283	30143
ENSG00000100346	1	3	4	0
ENSG00000100347	921	896	888	641
ENSG00000100348	1216	1475	1318	1018
ENSG00000100350	761	601	850	723
ENSG00000100351	0	0	0	0
ENSG00000100353	3604	4375	4423	2896
ENSG00000100354	997	1177	1393	1014
ENSG00000100359	768	709	824	530
ENSG00000100360	647	775	739	567
ENSG00000100362	0	0	0	0
ENSG00000100364	2729	2206	2887	1700
ENSG00000100365	0	0	0	0
ENSG00000100368	0	0	0	0
ENSG00000100372	252	232	267	218
ENSG00000100373	0	0	0	0
ENSG00000100376	698	1790	767	564
ENSG00000100379	270	302	393	270
ENSG00000100380	7077	8204	8769	6031
ENSG00000100385	7	10	2	4
ENSG00000100387	792	612	529	521
ENSG00000100393	2378	2985	2662	1982
ENSG00000100395	495	627	615	612
ENSG00000100399	42	43	34	25
ENSG00000100401	1628	1864	2472	1534
ENSG00000100403	4115	4296	5300	3336
ENSG00000100410	276	294	282	230
ENSG00000100412	1773	2027	2023	1365
ENSG00000100413	878	1077	928	1061
ENSG00000100416	336	310	381	339
ENSG00000100417	812	836	850	599
ENSG00000100418	509	690	666	465
ENSG00000100422	1617	1536	1766	1715
ENSG00000100425	751	851	876	606
ENSG00000100426	322	309	352	227
ENSG00000100427	36	11	6	19
ENSG00000100429	385	370	304	308
ENSG00000100433	2	3	4	5

ENSG00000100439	2152	2696	2863	1991
ENSG00000100441	1789	1797	1923	1551
ENSG00000100442	759	699	847	541
ENSG00000100445	401	565	537	434
ENSG00000100448	0	0	0	0
ENSG00000100450	0	0	0	0
ENSG00000100453	0	0	0	0
ENSG00000100461	969	1304	1240	1036
ENSG00000100462	756	999	1027	606
ENSG00000100473	4	4	2	7
ENSG00000100478	81	135	100	81
ENSG00000100479	33	28	24	22
ENSG00000100483	87	62	77	76
ENSG00000100485	767	935	919	666
ENSG00000100490	186	324	195	221
ENSG00000100503	1565	1916	2260	1420
ENSG00000100504	1130	1191	1325	959
ENSG00000100505	142	40	30	53
ENSG00000100519	895	1017	980	744
ENSG00000100522	738	907	825	751
ENSG00000100523	1046	1403	1373	1149
ENSG00000100526	53	60	51	53
ENSG00000100528	1814	2648	2390	1656
ENSG00000100532	196	218	230	129
ENSG00000100554	857	1021	1024	707
ENSG00000100557	2	6	6	5
ENSG00000100558	5	8	6	6
ENSG00000100564	171	179	236	180
ENSG00000100565	0	0	0	0
ENSG00000100567	930	964	1073	679
ENSG00000100568	2164	2878	2554	2051
ENSG00000100575	261	360	415	221
ENSG00000100577	220	273	259	224
ENSG00000100578	296	461	399	408
ENSG00000100580	403	356	424	329
ENSG00000100583	16	25	24	12
ENSG00000100591	713	1463	1511	998
ENSG00000100592	886	1655	982	950
ENSG00000100593	0	5	7	1
ENSG00000100596	880	1000	979	787
ENSG00000100599	729	952	684	620
ENSG00000100600	803	1237	1137	891
ENSG00000100601	128	138	191	120

ENSG00000100603	1086	1217	1391	1059
ENSG00000100604	1	1	0	0
ENSG00000100605	190	333	324	294
ENSG00000100612	783	966	847	687
ENSG00000100614	1164	1413	1366	1141
ENSG00000100625	428	777	832	768
ENSG00000100626	742	825	957	511
ENSG00000100628	20	14	18	23
ENSG00000100629	47	63	104	49
ENSG00000100632	1054	1431	1333	910
ENSG00000100644	5166	8012	8715	4396
ENSG00000100647	633	918	714	556
ENSG00000100650	4719	6544	6142	4434
ENSG00000100652	0	0	0	0
ENSG00000100664	4215	5083	5011	5594
ENSG00000100665	0	0	0	0
ENSG00000100678	0	0	12	0
ENSG00000100697	1511	1758	1776	1437
ENSG00000100711	1425	1596	1172	1455
ENSG00000100714	837	1010	1185	943
ENSG00000100721	2	2	4	0
ENSG00000100722	1294	1364	1576	1109
ENSG00000100726	389	341	362	338
ENSG00000100731	2108	2897	3208	2897
ENSG00000100739	348	301	407	330
ENSG00000100744	518	463	485	321
ENSG00000100749	78	102	94	65
ENSG00000100764	1049	1323	1238	945
ENSG00000100767	182	261	155	188
ENSG00000100784	279	286	381	257
ENSG00000100796	1351	1148	1374	1029
ENSG00000100802	164	214	248	181
ENSG00000100804	1902	1942	1875	1452
ENSG00000100811	2628	2482	3002	2309
ENSG00000100813	5307	5679	6404	4417
ENSG00000100814	566	629	575	458
ENSG00000100815	1452	1881	1827	1280
ENSG00000100823	2175	2144	2013	1588
ENSG00000100836	2120	2258	2453	1879
ENSG00000100842	437	292	310	320
ENSG00000100852	1845	1827	2309	1737
ENSG00000100865	415	592	575	397
ENSG00000100867	13	20	5	8

ENSG00000100883	848	1009	1137	828
ENSG00000100884	0	0	0	0
ENSG00000100888	1924	2166	1952	1452
ENSG00000100889	343	597	412	337
ENSG00000100890	431	404	549	332
ENSG00000100897	1105	1109	1141	916
ENSG00000100902	1040	1177	1157	859
ENSG00000100906	428	435	550	331
ENSG00000100908	65	120	111	90
ENSG00000100911	807	921	874	616
ENSG00000100916	200	173	252	143
ENSG00000100918	45	49	38	31
ENSG00000100926	1349	1408	1330	1163
ENSG00000100934	4440	4325	3884	4043
ENSG00000100938	1112	1297	1297	801
ENSG00000100941	1709	1999	2241	1536
ENSG00000100949	310	382	362	254
ENSG00000100968	4771	4435	5511	3792
ENSG00000100979	8712	8724	9171	5235
ENSG00000100982	627	598	591	467
ENSG00000100983	737	870	787	504
ENSG00000100985	0	0	0	0
ENSG00000100987	6	2	2	2
ENSG00000100991	2485	2564	2826	1947
ENSG00000100994	2244	2828	2981	2301
ENSG00000100997	1151	1306	1422	922
ENSG00000101000	274	346	353	257
ENSG00000101003	32	60	28	41
ENSG00000101004	612	634	580	416
ENSG00000101017	82	103	30	95
ENSG00000101019	817	879	872	649
ENSG00000101040	638	682	774	456
ENSG00000101049	10	25	20	26
ENSG00000101052	812	899	959	776
ENSG00000101057	3	12	10	6
ENSG00000101074	0	1	2	0
ENSG00000101076	1	5	7	3
ENSG00000101079	810	1363	1144	1030
ENSG00000101082	0	6	2	3
ENSG00000101084	569	645	557	478
ENSG00000101096	7	6	3	6
ENSG00000101098	17	43	23	11
ENSG00000101104	472	401	472	272

ENSG00000101109	938	834	1135	799
ENSG00000101115	33	46	12	13
ENSG00000101126	1806	2123	2264	1716
ENSG00000101132	354	405	569	375
ENSG00000101134	484	371	314	605
ENSG00000101138	654	663	704	642
ENSG00000101144	1	0	1	0
ENSG00000101146	471	495	642	385
ENSG00000101150	3573	4337	3748	2873
ENSG00000101152	1880	2148	2013	1728
ENSG00000101158	893	940	969	825
ENSG00000101160	1812	2528	2829	1971
ENSG00000101161	2028	2185	2296	1602
ENSG00000101162	2	3	21	2
ENSG00000101166	532	771	894	627
ENSG00000101180	0	0	0	0
ENSG00000101181	404	456	527	341
ENSG00000101182	1657	1643	1648	1264
ENSG00000101187	9	10	26	17
ENSG00000101188	0	1	2	1
ENSG00000101189	396	360	402	354
ENSG00000101190	376	571	524	426
ENSG00000101191	1604	1922	1849	1333
ENSG00000101193	846	876	685	745
ENSG00000101194	88	82	56	84
ENSG00000101197	0	0	0	3
ENSG00000101198	0	1	0	0
ENSG00000101199	1818	1722	1959	1315
ENSG00000101200	0	0	0	0
ENSG00000101203	2	0	1	0
ENSG00000101204	0	0	0	0
ENSG00000101210	25	41	5	26
ENSG00000101213	6	13	9	7
ENSG00000101216	384	357	373	308
ENSG00000101220	609	538	454	462
ENSG00000101222	7	11	2	2
ENSG00000101224	3459	2932	4262	2844
ENSG00000101230	37	56	14	44
ENSG00000101236	2310	2108	3091	1834
ENSG00000101246	427	607	459	437
ENSG00000101247	109	174	141	131
ENSG00000101251	0	5	0	0
ENSG00000101255	427	415	297	487

ENSG00000101265	2350	3555	1006	2511
ENSG00000101266	1916	2204	2624	1603
ENSG00000101276	3	3	2	2
ENSG00000101278	4	4	3	2
ENSG00000101280	2	7	9	3
ENSG00000101282	1	0	1	4
ENSG00000101290	1469	2055	1834	1788
ENSG00000101292	0	0	0	0
ENSG00000101294	2488	3037	3006	2410
ENSG00000101298	332	352	384	247
ENSG00000101306	0	0	0	0
ENSG00000101307	34	54	5	20
ENSG00000101310	472	672	616	438
ENSG00000101311	97	58	74	29
ENSG00000101323	0	0	0	0
ENSG00000101327	0	0	0	0
ENSG00000101331	0	0	0	0
ENSG00000101333	517	629	641	311
ENSG00000101335	9957	21113	17473	11182
ENSG00000101336	1	0	0	2
ENSG00000101337	2011	2510	2328	1776
ENSG00000101342	8	5	10	2
ENSG00000101343	607	846	693	625
ENSG00000101346	2328	2923	2350	2171
ENSG00000101347	1785	2285	1803	1932
ENSG00000101349	0	0	0	0
ENSG00000101350	2228	2556	2666	2020
ENSG00000101353	75	91	98	37
ENSG00000101361	1089	1078	1385	808
ENSG00000101363	913	1111	1243	815
ENSG00000101365	850	916	838	619
ENSG00000101367	1751	1847	1865	1479
ENSG00000101384	1498	1910	1496	1477
ENSG00000101391	283	265	272	187
ENSG00000101400	358	520	376	385
ENSG00000101405	0	0	0	0
ENSG00000101407	413	424	451	351
ENSG00000101412	35	46	35	34
ENSG00000101413	624	688	769	472
ENSG00000101417	370	447	347	333
ENSG00000101421	2044	2545	2434	2250
ENSG00000101425	14	14	21	12
ENSG00000101435	0	0	0	0

ENSG00000101438	0	0	0	0
ENSG00000101439	3513	4141	3833	3651
ENSG00000101440	3	1	1	2
ENSG00000101441	0	0	0	0
ENSG00000101442	92	97	113	67
ENSG00000101443	0	0	0	0
ENSG00000101444	1668	1375	1456	1042
ENSG00000101445	0	2	0	0
ENSG00000101446	0	0	0	0
ENSG00000101447	27	102	283	22
ENSG00000101448	8	16	15	17
ENSG00000101452	285	346	418	252
ENSG00000101457	419	474	404	299
ENSG00000101460	340	433	446	399
ENSG00000101463	1	0	0	0
ENSG00000101464	264	293	302	229
ENSG00000101470	25	46	19	28
ENSG00000101473	432	501	459	403
ENSG00000101474	2383	2771	2885	1925
ENSG00000101489	6	12	9	3
ENSG00000101493	1298	1083	1058	815
ENSG00000101542	5	5	2	1
ENSG00000101544	476	539	783	386
ENSG00000101546	219	292	284	243
ENSG00000101557	1270	1512	1570	1054
ENSG00000101558	2235	2513	2787	1991
ENSG00000101574	190	224	145	124
ENSG00000101577	1524	1321	1810	1351
ENSG00000101596	1876	1986	2155	1972
ENSG00000101605	63	55	148	127
ENSG00000101608	3252	5048	4502	3523
ENSG00000101624	111	97	188	81
ENSG00000101638	17	4	3	17
ENSG00000101639	656	803	766	683
ENSG00000101654	1215	1340	1379	1118
ENSG00000101665	232	246	256	243
ENSG00000101670	23	23	29	26
ENSG00000101680	148	177	138	222
ENSG00000101695	17	32	17	20
ENSG00000101745	1468	1579	1532	1372
ENSG00000101746	1	1	0	0
ENSG00000101751	679	650	599	601
ENSG00000101752	1397	1725	1922	1706

ENSG00000101773	378	559	556	389
ENSG00000101782	1084	1559	1321	1139
ENSG00000101811	184	230	226	186
ENSG00000101812	9	13	13	14
ENSG00000101825	5186	12267	6762	5377
ENSG00000101842	9	10	9	2
ENSG00000101843	830	734	819	656
ENSG00000101844	272	284	220	158
ENSG00000101846	1398	1622	3145	2604
ENSG00000101849	698	773	771	860
ENSG00000101850	0	0	0	0
ENSG00000101856	3402	4730	5028	3273
ENSG00000101868	287	297	223	214
ENSG00000101871	3194	4002	4194	2420
ENSG00000101882	409	469	481	358
ENSG00000101883	0	0	0	2
ENSG00000101888	276	251	269	204
ENSG00000101890	0	0	0	0
ENSG00000101892	6	6	3	4
ENSG00000101898	15	18	18	10
ENSG00000101901	380	443	546	354
ENSG00000101911	599	535	483	355
ENSG00000101916	0	2	1	0
ENSG00000101928	833	987	877	963
ENSG00000101935	371	263	355	201
ENSG00000101938	90	235	115	99
ENSG00000101940	1294	1290	1068	1079
ENSG00000101945	67	89	58	44
ENSG00000101951	0	0	0	0
ENSG00000101955	2877	2734	3850	3248
ENSG00000101958	5	10	9	4
ENSG00000101966	955	1028	1061	907
ENSG00000101972	2095	2350	2459	1908
ENSG00000101974	1087	1345	1341	1116
ENSG00000101977	1	4	4	2
ENSG00000101981	0	0	0	0
ENSG00000101986	456	637	461	373
ENSG00000101997	264	264	276	200
ENSG00000102001	0	9	0	0
ENSG00000102003	26	23	28	31
ENSG00000102007	728	1083	865	922
ENSG00000102010	1	0	0	0
ENSG00000102021	0	0	1	1

ENSG00000102024	6041	9832	6411	6388
ENSG00000102030	645	662	763	604
ENSG00000102032	10	38	15	22
ENSG00000102034	662	570	537	603
ENSG00000102038	3030	3285	3734	2873
ENSG00000102043	15	8	8	8
ENSG00000102048	9	8	3	5
ENSG00000102053	88	117	114	97
ENSG00000102054	1974	2152	2017	1779
ENSG00000102055	0	0	0	0
ENSG00000102057	201	198	178	180
ENSG00000102076	0	0	0	0
ENSG00000102078	123	134	146	107
ENSG00000102081	709	891	910	642
ENSG00000102096	60	68	48	31
ENSG00000102098	52	74	66	59
ENSG00000102100	326	379	359	279
ENSG00000102103	529	514	542	433
ENSG00000102104	0	0	0	0
ENSG00000102109	28	1	0	2
ENSG00000102119	807	969	972	802
ENSG00000102125	368	283	312	313
ENSG00000102128	3	5	1	2
ENSG00000102144	7415	9231	6840	5269
ENSG00000102145	0	0	0	0
ENSG00000102158	2253	2979	2711	2465
ENSG00000102172	1510	1403	1465	943
ENSG00000102174	581	147	267	136
ENSG00000102178	632	610	636	477
ENSG00000102181	3328	3975	3595	2781
ENSG00000102189	2862	3690	3639	3051
ENSG00000102195	0	0	0	0
ENSG00000102218	399	410	372	324
ENSG00000102221	297	282	467	205
ENSG00000102225	1684	1962	1831	1370
ENSG00000102226	1612	1894	1793	1452
ENSG00000102230	2	7	5	2
ENSG00000102239	0	0	0	0
ENSG00000102241	1569	1677	1695	1377
ENSG00000102243	0	0	0	0
ENSG00000102245	1	2	0	1
ENSG00000102265	15013	19104	22733	18644
ENSG00000102271	2	2	1	5

ENSG00000102287	160	234	306	191
ENSG00000102290	2	4	4	3
ENSG00000102302	563	592	772	574
ENSG00000102309	197	319	336	214
ENSG00000102312	202	235	190	193
ENSG00000102313	0	0	0	0
ENSG00000102316	3666	4131	4473	2879
ENSG00000102317	2776	4151	2938	3224
ENSG00000102349	96	154	96	76
ENSG00000102359	564	1066	1397	915
ENSG00000102362	200	247	498	379
ENSG00000102383	32	23	36	17
ENSG00000102384	55	69	55	44
ENSG00000102385	108	159	215	153
ENSG00000102387	14	15	12	14
ENSG00000102390	371	411	507	361
ENSG00000102393	298	317	360	263
ENSG00000102401	3596	3562	3455	3330
ENSG00000102409	326	336	400	320
ENSG00000102445	491	419	144	599
ENSG00000102452	54	195	92	53
ENSG00000102466	309	316	343	111
ENSG00000102468	16	9	42	24
ENSG00000102471	564	740	783	470
ENSG00000102524	82	124	79	75
ENSG00000102531	2705	2607	3139	2026
ENSG00000102539	0	1	1	0
ENSG00000102543	125	234	208	211
ENSG00000102547	515	646	519	460
ENSG00000102554	22	79	46	45
ENSG00000102572	1247	1322	1741	1158
ENSG00000102575	22	92	112	27
ENSG00000102580	1898	2080	1936	1927
ENSG00000102595	851	998	1218	694
ENSG00000102606	1282	1799	1531	1269
ENSG00000102678	168	436	111	93
ENSG00000102683	16	15	5	35
ENSG00000102699	2912	3198	2835	3031
ENSG00000102710	784	951	1059	839
ENSG00000102738	166	246	251	171
ENSG00000102743	84	93	131	56
ENSG00000102753	1287	1346	1477	1100
ENSG00000102755	19	66	54	16

ENSG00000102760	199	325	165	300
ENSG00000102763	785	787	692	556
ENSG00000102780	317	481	396	375
ENSG00000102781	657	616	590	521
ENSG00000102786	696	695	866	648
ENSG00000102794	0	0	0	0
ENSG00000102796	84	128	115	130
ENSG00000102802	799	2344	1053	1162
ENSG00000102804	2785	4225	4320	3093
ENSG00000102805	1262	1114	1162	1117
ENSG00000102837	0	1	2	0
ENSG00000102854	0	3	1	3
ENSG00000102858	1358	1199	1452	1254
ENSG00000102870	846	1089	1109	837
ENSG00000102871	376	338	309	259
ENSG00000102878	223	287	193	165
ENSG00000102879	23	8	19	15
ENSG00000102882	2619	3291	3184	2386
ENSG00000102886	104	84	54	52
ENSG00000102890	35	21	15	6
ENSG00000102891	0	0	0	0
ENSG00000102893	1566	1794	1797	1310
ENSG00000102897	356	424	416	317
ENSG00000102898	1213	1519	1738	1034
ENSG00000102900	537	608	609	505
ENSG00000102901	753	852	681	573
ENSG00000102904	50	53	64	47
ENSG00000102908	1970	3247	3326	1887
ENSG00000102910	2418	2621	2519	2153
ENSG00000102921	988	933	1195	772
ENSG00000102924	0	0	0	0
ENSG00000102931	1439	1824	1486	1434
ENSG00000102934	107	136	74	88
ENSG00000102935	45	42	72	73
ENSG00000102962	9	8	7	5
ENSG00000102967	102	127	98	103
ENSG00000102970	0	0	0	0
ENSG00000102974	762	850	923	746
ENSG00000102977	266	247	240	193
ENSG00000102978	932	956	1078	794
ENSG00000102981	39	23	23	37
ENSG00000102984	134	149	149	130
ENSG00000102996	148	96	84	88

ENSG00000103005	595	619	692	513
ENSG00000103018	1090	1397	1292	845
ENSG00000103021	200	184	214	158
ENSG00000103023	0	0	0	0
ENSG00000103024	318	265	206	234
ENSG00000103034	168	194	360	181
ENSG00000103035	1089	1383	1399	1018
ENSG00000103037	204	170	206	167
ENSG00000103042	653	687	949	767
ENSG00000103043	1066	1078	1192	863
ENSG00000103044	14	16	18	16
ENSG00000103047	293	241	198	217
ENSG00000103051	1855	1781	1514	1230
ENSG00000103056	37	65	48	43
ENSG00000103061	648	634	591	509
ENSG00000103064	902	1233	1082	926
ENSG00000103066	740	1167	887	881
ENSG00000103067	2	3	5	4
ENSG00000103089	0	0	0	0
ENSG00000103091	651	793	817	550
ENSG00000103111	1129	1062	1008	794
ENSG00000103121	208	166	217	157
ENSG00000103126	547	462	552	462
ENSG00000103145	1128	1265	868	1167
ENSG00000103148	741	1064	790	518
ENSG00000103150	206	251	281	278
ENSG00000103152	1099	1107	989	896
ENSG00000103154	0	3	1	2
ENSG00000103160	512	462	539	427
ENSG00000103168	720	731	572	465
ENSG00000103174	446	555	406	443
ENSG00000103175	84	267	111	113
ENSG00000103184	147	123	60	108
ENSG00000103187	1814	2289	2364	2008
ENSG00000103194	921	808	1108	770
ENSG00000103196	789	1296	864	773
ENSG00000103197	2312	2531	3024	1713
ENSG00000103199	292	440	347	246
ENSG00000103200	0	0	0	0
ENSG00000103202	1600	1941	2213	1444
ENSG00000103222	4442	2691	3132	1673
ENSG00000103226	29	68	23	56
ENSG00000103227	247	326	379	254

ENSG00000103241	1621	1645	2235	1373
ENSG00000103245	348	313	344	276
ENSG00000103248	358	382	462	285
ENSG00000103249	2081	2298	2218	1861
ENSG00000103253	85	73	83	67
ENSG00000103254	104	99	92	117
ENSG00000103257	539	835	708	587
ENSG00000103260	327	227	300	356
ENSG00000103264	1228	1522	1311	1160
ENSG00000103266	1225	1406	1495	1085
ENSG00000103269	49	47	34	30
ENSG00000103274	229	216	296	210
ENSG00000103275	2329	2534	2906	1974
ENSG00000103310	0	1	0	0
ENSG00000103313	8	9	12	12
ENSG00000103316	6	13	38	24
ENSG00000103319	1415	1219	1248	972
ENSG00000103326	611	550	578	497
ENSG00000103335	3380	4432	3875	3790
ENSG00000103342	2216	2610	3105	2106
ENSG00000103343	156	238	239	165
ENSG00000103351	718	893	882	696
ENSG00000103353	2576	2710	2566	1903
ENSG00000103355	0	0	0	0
ENSG00000103356	470	338	472	307
ENSG00000103363	1955	2009	2004	1247
ENSG00000103365	1702	1663	1402	1572
ENSG00000103375	0	1	0	0
ENSG00000103381	549	652	699	402
ENSG00000103404	250	267	278	203
ENSG00000103415	236	265	266	222
ENSG00000103423	405	393	466	267
ENSG00000103426	9	0	0	0
ENSG00000103429	536	715	831	523
ENSG00000103449	18	10	95	12
ENSG00000103460	0	0	0	0
ENSG00000103472	23	59	35	35
ENSG00000103479	2445	2590	2435	2429
ENSG00000103485	1302	1483	1261	1095
ENSG00000103489	962	1255	854	1154
ENSG00000103490	212	170	238	167
ENSG00000103494	260	329	418	251
ENSG00000103495	1413	1585	1702	1191

ENSG00000103496	690	718	781	651
ENSG00000103502	2605	2595	2931	2154
ENSG00000103507	855	1010	1169	767
ENSG00000103510	495	516	492	423
ENSG00000103512	29	150	1191	45
ENSG00000103522	21	15	10	10
ENSG00000103528	10	18	6	16
ENSG00000103534	1	3	14	2
ENSG00000103540	452	464	429	324
ENSG00000103544	1746	1886	1780	1423
ENSG00000103546	0	1	0	0
ENSG00000103549	1836	1976	2213	1544
ENSG00000103550	307	326	342	303
ENSG00000103569	0	0	0	0
ENSG00000103591	730	899	975	708
ENSG00000103599	44	57	50	48
ENSG00000103642	416	418	865	356
ENSG00000103647	861	841	764	821
ENSG00000103653	462	602	716	507
ENSG00000103657	1938	2280	2232	1908
ENSG00000103671	383	446	383	251
ENSG00000103707	214	246	257	197
ENSG00000103710	1872	1325	1816	1094
ENSG00000103723	52	70	43	63
ENSG00000103740	22	43	34	22
ENSG00000103742	630	314	1198	375
ENSG00000103769	1692	2241	2611	1813
ENSG00000103811	938	1361	532	799
ENSG00000103832	0	1	1	0
ENSG00000103852	451	630	621	406
ENSG00000103855	2927	3024	3073	2969
ENSG00000103876	441	494	573	431
ENSG00000103888	42092	165118	63863	84869
ENSG00000103932	499	531	604	378
ENSG00000103942	89	92	59	60
ENSG00000103966	551	661	642	759
ENSG00000103978	859	953	961	792
ENSG00000103994	9233	11484	11433	8561
ENSG00000103995	126	233	238	123
ENSG00000104043	687	1027	1110	1039
ENSG00000104044	0	0	0	0
ENSG00000104047	2108	2048	2111	2000
ENSG00000104055	2	11	5	1

ENSG00000104059	0	1	0	1
ENSG00000104064	602	662	742	568
ENSG00000104067	1036	1169	1328	1440
ENSG00000104081	387	274	215	298
ENSG00000104093	859	1068	932	779
ENSG00000104112	10	12	7	3
ENSG00000104129	163	180	173	121
ENSG00000104131	500	600	771	456
ENSG00000104133	1934	2206	2102	1541
ENSG00000104140	1	0	1	0
ENSG00000104142	893	806	855	705
ENSG00000104147	8	17	15	12
ENSG00000104154	427	516	486	368
ENSG00000104164	1980	2406	2540	1975
ENSG00000104177	198	317	264	360
ENSG00000104205	154	294	329	288
ENSG00000104213	193	308	385	429
ENSG00000104218	428	471	606	412
ENSG00000104219	1180	1880	1335	1348
ENSG00000104221	284	454	351	277
ENSG00000104228	404	513	367	314
ENSG00000104231	306	379	338	287
ENSG00000104237	0	0	0	1
ENSG00000104267	0	0	0	0
ENSG00000104290	24	9	8	10
ENSG00000104299	235	275	301	237
ENSG00000104312	301	306	402	295
ENSG00000104313	159	131	177	114
ENSG00000104320	899	878	1025	804
ENSG00000104321	997	810	1827	737
ENSG00000104324	1350	1650	2088	1488
ENSG00000104325	832	1019	1262	817
ENSG00000104327	8	23	27	11
ENSG00000104331	2670	2861	2222	2230
ENSG00000104332	4691	14613	10638	17475
ENSG00000104341	1556	1361	1479	1091
ENSG00000104343	432	418	502	424
ENSG00000104356	235	227	235	136
ENSG00000104361	1033	1917	2256	1077
ENSG00000104365	1085	1167	1086	918
ENSG00000104368	995	933	886	772
ENSG00000104369	0	0	0	0
ENSG00000104371	0	0	0	0

ENSG00000104375	701	862	1041	762
ENSG00000104381	161	204	114	129
ENSG00000104388	2507	3098	3155	2311
ENSG00000104408	5768	6497	6556	5091
ENSG00000104412	535	670	683	542
ENSG00000104413	0	0	0	1
ENSG00000104415	802	703	667	322
ENSG00000104419	3108	3479	4298	2850
ENSG00000104427	365	356	507	364
ENSG00000104432	17	13	23	15
ENSG00000104435	0	5	1	1
ENSG00000104442	654	639	737	533
ENSG00000104447	629	636	585	342
ENSG00000104450	47	49	52	38
ENSG00000104472	488	688	570	568
ENSG00000104490	28	93	35	45
ENSG00000104497	236	187	315	183
ENSG00000104499	0	0	0	0
ENSG00000104517	3694	4373	5499	3441
ENSG00000104518	390	333	246	313
ENSG00000104522	284	288	261	203
ENSG00000104524	65	65	66	48
ENSG00000104529	3570	3551	3009	2840
ENSG00000104537	3	8	12	7
ENSG00000104549	387	400	406	370
ENSG00000104611	762	1774	1292	643
ENSG00000104613	973	783	953	807
ENSG00000104626	405	547	490	454
ENSG00000104635	1250	1306	1795	929
ENSG00000104643	397	524	551	344
ENSG00000104660	497	821	855	465
ENSG00000104671	382	547	475	333
ENSG00000104679	358	309	382	263
ENSG00000104687	798	784	1198	685
ENSG00000104689	39	53	83	48
ENSG00000104691	194	223	190	146
ENSG00000104695	1680	1853	1597	1544
ENSG00000104714	228	358	380	257
ENSG00000104722	23	102	80	15
ENSG00000104723	1528	1639	1479	1602
ENSG00000104728	1061	951	1030	934
ENSG00000104731	301	314	304	240
ENSG00000104738	591	806	607	716

ENSG00000104755	0	0	0	0
ENSG00000104756	1289	1536	1640	1215
ENSG00000104760	0	0	0	0
ENSG00000104763	2741	3821	3499	3073
ENSG00000104765	7046	9917	10628	6300
ENSG00000104774	3236	3642	3121	3104
ENSG00000104783	4	12	2	2
ENSG00000104804	8	5	29	20
ENSG00000104805	6728	8179	7425	7726
ENSG00000104808	2	2	2	1
ENSG00000104812	1423	1904	1484	1043
ENSG00000104814	9	7	5	9
ENSG00000104818	0	0	0	0
ENSG00000104823	646	746	690	627
ENSG00000104824	1629	1808	1837	1519
ENSG00000104825	179	217	228	169
ENSG00000104826	0	1	1	0
ENSG00000104827	0	1	0	0
ENSG00000104833	3	2	0	0
ENSG00000104835	71	116	95	84
ENSG00000104848	3	13	12	11
ENSG00000104852	4400	4173	4696	3285
ENSG00000104853	1920	2304	2375	1721
ENSG00000104856	116	176	172	144
ENSG00000104859	454	477	461	365
ENSG00000104863	56	54	41	30
ENSG00000104866	648	611	761	637
ENSG00000104870	3064	2980	3185	2499
ENSG00000104872	637	665	609	474
ENSG00000104879	2	1	3	1
ENSG00000104880	917	828	904	706
ENSG00000104881	126	148	146	166
ENSG00000104883	34	39	46	43
ENSG00000104884	408	480	552	376
ENSG00000104885	420	385	389	283
ENSG00000104886	472	435	470	471
ENSG00000104888	19	34	21	21
ENSG00000104889	101	93	90	74
ENSG00000104892	11	12	6	6
ENSG00000104894	27	37	40	47
ENSG00000104897	664	633	595	587
ENSG00000104899	13	12	13	7
ENSG00000104901	2	8	7	5

ENSG00000104903	4	7	3	6
ENSG00000104904	9664	12180	11368	8321
ENSG00000104907	399	370	490	396
ENSG00000104915	655	675	707	538
ENSG00000104918	0	0	0	0
ENSG00000104921	0	0	0	0
ENSG00000104936	1382	1908	1341	1422
ENSG00000104938	0	0	1	3
ENSG00000104941	0	1	0	0
ENSG00000104946	1227	1404	1322	1138
ENSG00000104951	13	12	11	13
ENSG00000104953	9	22	6	5
ENSG00000104957	389	417	414	342
ENSG00000104960	1931	2004	2265	1469
ENSG00000104964	5218	5426	5385	4562
ENSG00000104967	4	13	3	2
ENSG00000104969	999	1125	1249	869
ENSG00000104970	1	0	0	7
ENSG00000104972	0	0	0	0
ENSG00000104973	722	825	701	590
ENSG00000104974	0	0	0	0
ENSG00000104976	325	333	223	263
ENSG00000104979	1042	1095	1317	738
ENSG00000104980	389	430	533	356
ENSG00000104983	97	121	140	97
ENSG00000104998	26	65	80	46
ENSG00000105011	24	12	9	9
ENSG00000105048	6	39	19	23
ENSG00000105053	462	587	587	371
ENSG00000105058	1438	1789	1933	1268
ENSG00000105063	1469	1884	1974	1394
ENSG00000105072	265	243	270	269
ENSG00000105085	180	205	194	138
ENSG00000105088	35	65	139	95
ENSG00000105122	0	4	2	0
ENSG00000105127	528	619	686	526
ENSG00000105131	2	2	0	1
ENSG00000105135	931	833	769	749
ENSG00000105136	188	290	391	209
ENSG00000105137	1326	1401	1329	1005
ENSG00000105141	7	6	5	3
ENSG00000105143	23	26	21	16
ENSG00000105146	12	129	10	12

ENSG00000105171	474	549	569	342
ENSG00000105173	43	83	106	56
ENSG00000105176	1399	1770	1450	1358
ENSG00000105185	633	687	833	573
ENSG00000105186	484	570	499	420
ENSG00000105193	10144	10758	8376	5912
ENSG00000105197	685	772	703	541
ENSG00000105198	0	0	0	0
ENSG00000105202	515	494	543	386
ENSG00000105204	250	285	323	196
ENSG00000105205	0	0	0	0
ENSG00000105219	10	8	3	1
ENSG00000105220	4264	4797	3465	2846
ENSG00000105221	3073	3803	3424	2648
ENSG00000105223	5247	8188	7576	5853
ENSG00000105227	248	244	250	277
ENSG00000105229	308	248	350	144
ENSG00000105245	2626	2579	4464	1993
ENSG00000105246	0	0	3	2
ENSG00000105248	153	210	205	180
ENSG00000105251	0	0	0	0
ENSG00000105254	956	982	845	757
ENSG00000105255	65	72	94	32
ENSG00000105258	183	279	291	209
ENSG00000105261	0	0	0	0
ENSG00000105270	2334	3233	3843	2430
ENSG00000105278	7	9	8	0
ENSG00000105281	4422	5743	5998	4587
ENSG00000105287	425	516	516	556
ENSG00000105289	4	4	11	4
ENSG00000105290	102	127	140	94
ENSG00000105298	576	603	551	439
ENSG00000105321	339	493	358	326
ENSG00000105323	5623	6070	6457	4789
ENSG00000105325	810	902	1024	733
ENSG00000105327	510	415	367	334
ENSG00000105329	2168	1986	3055	1673
ENSG00000105339	463	607	541	410
ENSG00000105341	596	637	698	469
ENSG00000105352	0	0	0	0
ENSG00000105355	3126	3409	2744	2349
ENSG00000105357	2	4	7	1
ENSG00000105364	575	602	533	450

ENSG00000105366	6	5	10	6
ENSG00000105369	10	5	6	2
ENSG00000105370	0	0	0	0
ENSG00000105371	35	36	35	35
ENSG00000105372	20560	16951	15594	12675
ENSG00000105373	4316	4276	4507	3012
ENSG00000105374	0	0	0	0
ENSG00000105376	67	63	103	37
ENSG00000105379	746	788	715	706
ENSG00000105383	0	3	1	1
ENSG00000105388	0	5	1	3
ENSG00000105392	9	15	31	20
ENSG00000105393	1045	1305	1168	781
ENSG00000105397	1125	1209	1214	910
ENSG00000105398	3	6	6	5
ENSG00000105401	2487	3003	2852	2056
ENSG00000105402	1713	2305	1972	1468
ENSG00000105404	1857	1661	1699	1542
ENSG00000105409	5	14	4	6
ENSG00000105419	718	905	979	545
ENSG00000105426	2829	3668	3322	3270
ENSG00000105427	1	2	0	2
ENSG00000105428	0	0	0	0
ENSG00000105429	4320	4610	5060	3331
ENSG00000105438	2619	3737	3962	2795
ENSG00000105443	1131	1079	1200	916
ENSG00000105447	334	488	391	402
ENSG00000105464	11	20	7	16
ENSG00000105467	0	0	0	0
ENSG00000105472	728	759	1061	875
ENSG00000105479	10	6	19	6
ENSG00000105483	345	583	582	474
ENSG00000105486	302	219	214	242
ENSG00000105492	0	0	0	0
ENSG00000105497	248	324	366	244
ENSG00000105499	149	169	384	188
ENSG00000105501	0	0	0	0
ENSG00000105507	0	1	0	0
ENSG00000105509	0	5	5	1
ENSG00000105514	303	348	192	224
ENSG00000105516	174	169	191	136
ENSG00000105518	443	473	495	393
ENSG00000105519	254	286	160	143

ENSG00000105520	1073	1090	1209	814
ENSG00000105523	4	0	0	0
ENSG00000105538	37	42	129	24
ENSG00000105549	0	0	0	0
ENSG00000105550	0	0	0	0
ENSG00000105552	450	407	440	309
ENSG00000105556	324	363	404	305
ENSG00000105559	1441	1428	1391	1802
ENSG00000105568	6172	6559	6768	5412
ENSG00000105576	2805	2844	2492	2500
ENSG00000105583	1285	1392	1196	973
ENSG00000105605	40	11	63	99
ENSG00000105607	176	181	164	173
ENSG00000105609	5	2	3	1
ENSG00000105610	0	0	0	0
ENSG00000105612	946	1193	1069	943
ENSG00000105613	9	10	9	8
ENSG00000105617	3	7	0	0
ENSG00000105618	393	461	492	328
ENSG00000105619	47	61	36	26
ENSG00000105639	80	116	41	80
ENSG00000105640	16430	13250	12236	10151
ENSG00000105641	8	4	3	3
ENSG00000105642	2	4	7	4
ENSG00000105643	254	260	278	235
ENSG00000105647	2217	2517	3599	2000
ENSG00000105649	54	39	42	46
ENSG00000105650	179	63	57	70
ENSG00000105655	141	187	123	178
ENSG00000105656	389	349	419	299
ENSG00000105662	828	863	910	622
ENSG00000105664	1	5	6	13
ENSG00000105668	9	45	16	18
ENSG00000105669	1623	1809	1814	1265
ENSG00000105671	462	624	516	286
ENSG00000105672	6	18	14	12
ENSG00000105675	0	0	0	0
ENSG00000105676	441	436	374	317
ENSG00000105677	849	1016	997	812
ENSG00000105679	42	46	41	23
ENSG00000105694	0	0	0	0
ENSG00000105695	0	0	0	0
ENSG00000105696	105	56	75	66

ENSG00000105697	3	8	10	3
ENSG00000105698	1039	1476	1633	947
ENSG00000105699	27	30	24	12
ENSG00000105700	1440	1558	1617	1218
ENSG00000105701	5549	6588	6127	4804
ENSG00000105705	493	599	643	446
ENSG00000105707	5	3	5	4
ENSG00000105708	82	137	126	83
ENSG00000105711	149	148	258	146
ENSG00000105717	9	13	17	19
ENSG00000105722	747	497	686	531
ENSG00000105723	851	983	1207	738
ENSG00000105726	808	969	882	747
ENSG00000105732	339	289	344	244
ENSG00000105737	181	217	121	206
ENSG00000105738	338	370	406	230
ENSG00000105750	21	27	42	39
ENSG00000105755	722	1416	744	920
ENSG00000105767	22	55	72	61
ENSG00000105771	633	798	929	601
ENSG00000105778	766	835	1011	786
ENSG00000105784	67	108	67	71
ENSG00000105792	220	202	224	291
ENSG00000105793	293	443	495	368
ENSG00000105808	362	811	418	548
ENSG00000105810	1488	1972	2724	1532
ENSG00000105819	947	1062	1076	893
ENSG00000105821	433	417	562	396
ENSG00000105825	76	109	1689	96
ENSG00000105829	465	485	652	330
ENSG00000105835	1770	1893	2395	1391
ENSG00000105849	269	353	348	329
ENSG00000105851	0	1	1	0
ENSG00000105852	0	0	0	0
ENSG00000105854	1067	1498	1686	943
ENSG00000105855	2713	2405	2527	1797
ENSG00000105856	2110	2678	2960	2102
ENSG00000105865	82	87	67	86
ENSG00000105866	139	257	112	104
ENSG00000105875	305	341	523	329
ENSG00000105877	26	30	30	34
ENSG00000105879	384	571	532	419
ENSG00000105880	3	11	0	3

ENSG00000105887	4232	5418	4926	4285
ENSG00000105889	78	159	73	102
ENSG00000105894	5345	6706	7537	9626
ENSG00000105926	248	444	349	214
ENSG00000105928	770	837	1119	793
ENSG00000105929	0	0	1	0
ENSG00000105939	1597	1771	1544	1276
ENSG00000105948	194	181	215	172
ENSG00000105953	1247	1320	1219	1132
ENSG00000105954	1	1	0	1
ENSG00000105963	5	27	8	8
ENSG00000105967	1	3	16	0
ENSG00000105968	1647	1726	1384	1306
ENSG00000105971	998	1489	1595	1063
ENSG00000105974	8481	10703	13380	9454
ENSG00000105976	512	1270	717	654
ENSG00000105982	51	60	32	40
ENSG00000105983	708	894	984	887
ENSG00000105988	0	0	0	0
ENSG00000105989	549	1461	99	359
ENSG00000105991	21	26	25	32
ENSG00000105993	1739	2071	2731	1876
ENSG00000105996	85	70	108	65
ENSG00000105997	233	194	332	192
ENSG00000106003	24	13	46	38
ENSG00000106004	176	149	150	147
ENSG00000106006	1	0	1	1
ENSG00000106009	604	455	522	413
ENSG00000106012	715	1048	1038	813
ENSG00000106013	12	8	7	7
ENSG00000106018	4	4	5	6
ENSG00000106025	35	20	35	31
ENSG00000106028	489	640	632	447
ENSG00000106031	0	0	1	0
ENSG00000106034	1106	2432	1412	1684
ENSG00000106038	0	0	0	0
ENSG00000106049	1354	2037	1670	1329
ENSG00000106052	3225	4322	4301	3001
ENSG00000106066	0	5	2	4
ENSG00000106069	20	26	6	10
ENSG00000106070	647	637	934	503
ENSG00000106077	99	140	92	81
ENSG00000106078	4	1	1	1

ENSG00000106080	1161	1515	1444	1081
ENSG00000106086	397	328	520	303
ENSG00000106089	163	163	219	201
ENSG00000106100	283	319	277	182
ENSG00000106105	3032	3807	3801	3028
ENSG00000106113	0	0	2	3
ENSG00000106123	485	904	208	471
ENSG00000106125	147	200	183	143
ENSG00000106128	0	0	1	0
ENSG00000106133	200	204	186	156
ENSG00000106144	524	381	446	358
ENSG00000106153	2196	2296	2031	1839
ENSG00000106178	0	1	2	1
ENSG00000106211	7325	9461	7490	6126
ENSG00000106236	0	1	4	0
ENSG00000106244	1768	2399	2604	1729
ENSG00000106245	819	936	984	690
ENSG00000106246	161	199	244	172
ENSG00000106258	90	123	70	78
ENSG00000106261	3009	4053	4456	2940
ENSG00000106263	2426	2836	3084	2459
ENSG00000106266	889	804	1234	960
ENSG00000106268	171	176	187	174
ENSG00000106278	0	0	8	4
ENSG00000106290	1275	1352	1374	975
ENSG00000106299	1191	1337	1585	1274
ENSG00000106302	2	2	1	3
ENSG00000106304	0	0	0	0
ENSG00000106305	202	234	244	191
ENSG00000106327	4	10	12	13
ENSG00000106328	0	0	0	0
ENSG00000106330	321	389	394	294
ENSG00000106331	0	0	0	0
ENSG00000106333	13542	12126	11914	9014
ENSG00000106336	25	42	23	30
ENSG00000106341	0	0	0	0
ENSG00000106344	571	567	624	344
ENSG00000106346	236	293	317	249
ENSG00000106348	828	799	838	649
ENSG00000106351	190	143	157	161
ENSG00000106355	325	314	325	251
ENSG00000106366	3673	7465	5133	4689
ENSG00000106367	924	1045	1102	849

ENSG00000106384	8	10	15	10
ENSG00000106392	478	865	803	518
ENSG00000106397	1743	1913	1625	1516
ENSG00000106399	147	136	83	124
ENSG00000106400	867	859	902	740
ENSG00000106404	206	166	151	182
ENSG00000106410	0	0	0	0
ENSG00000106415	151	306	248	157
ENSG00000106436	1	2	1	0
ENSG00000106443	620	758	886	630
ENSG00000106459	214	306	382	204
ENSG00000106460	1623	1913	1893	1645
ENSG00000106462	146	125	183	106
ENSG00000106477	225	293	270	236
ENSG00000106479	877	689	929	736
ENSG00000106483	163	2033	302	252
ENSG00000106484	927	3272	1414	1018
ENSG00000106511	3	4	13	6
ENSG00000106524	498	484	451	406
ENSG00000106526	12	19	4	2
ENSG00000106536	1	2	1	0
ENSG00000106537	25	14	12	40
ENSG00000106538	3782	3970	1514	2201
ENSG00000106540	3	0	0	0
ENSG00000106541	0	0	0	0
ENSG00000106546	1464	2744	2485	1967
ENSG00000106554	689	829	954	656
ENSG00000106560	13	12	6	9
ENSG00000106565	2061	1018	26	141
ENSG00000106571	929	974	1173	893
ENSG00000106588	1080	1005	794	939
ENSG00000106591	540	571	635	515
ENSG00000106603	475	532	574	373
ENSG00000106605	563	467	570	383
ENSG00000106608	691	693	745	579
ENSG00000106609	3022	3569	3153	2570
ENSG00000106610	75	142	133	68
ENSG00000106615	1451	1772	1656	1490
ENSG00000106617	280	954	575	471
ENSG00000106624	10422	17647	14388	10861
ENSG00000106628	1129	1301	1251	752
ENSG00000106631	0	0	3	0
ENSG00000106633	45	41	32	21

ENSG00000106635	605	803	669	532
ENSG00000106636	2129	2370	2451	1993
ENSG00000106638	714	790	746	640
ENSG00000106648	0	0	0	0
ENSG00000106665	2092	2262	2763	1827
ENSG00000106682	6763	6841	6730	5576
ENSG00000106683	1407	1124	1653	1466
ENSG00000106686	13	16	24	14
ENSG00000106688	285	1017	281	607
ENSG00000106689	0	0	0	0
ENSG00000106692	1133	1325	1728	1122
ENSG00000106701	96	149	164	108
ENSG00000106714	13	30	21	21
ENSG00000106723	2171	2406	2457	2089
ENSG00000106733	283	288	249	181
ENSG00000106771	2219	2425	2425	2038
ENSG00000106772	3890	5149	4390	4610
ENSG00000106780	1299	1363	1489	1055
ENSG00000106785	303	316	276	187
ENSG00000106789	12	25	20	10
ENSG00000106799	3240	6278	3697	2582
ENSG00000106803	892	937	844	713
ENSG00000106804	232	273	196	318
ENSG00000106809	3551	3642	1218	5443
ENSG00000106819	1206	3522	1199	1918
ENSG00000106823	587	1480	932	1353
ENSG00000106829	1040	869	1256	737
ENSG00000106852	0	0	0	0
ENSG00000106853	1227	1648	2539	918
ENSG00000106868	509	559	615	349
ENSG00000106927	3	8	9	5
ENSG00000106948	649	1003	601	788
ENSG00000106952	0	0	1	0
ENSG00000106976	1653	1564	1623	1710
ENSG00000106991	3954	3851	4685	3846
ENSG00000106992	1587	1643	1444	1183
ENSG00000106993	338	449	411	228
ENSG00000107014	0	0	0	0
ENSG00000107018	0	0	0	0
ENSG00000107020	218	207	217	201
ENSG00000107021	1068	1187	1060	1020
ENSG00000107036	1440	2095	2113	1374
ENSG00000107077	444	435	425	485

ENSG00000107099	13	26	36	20
ENSG00000107104	648	1129	825	749
ENSG00000107105	6	12	3	2
ENSG00000107130	1451	1268	1505	1247
ENSG00000107140	737	637	966	488
ENSG00000107147	2	1	3	1
ENSG00000107159	22	25	63	25
ENSG00000107164	1154	1306	1441	1211
ENSG00000107165	0	0	0	0
ENSG00000107175	1017	1156	1076	871
ENSG00000107185	1544	1555	1434	1128
ENSG00000107186	1298	2304	2514	1716
ENSG00000107187	0	0	0	0
ENSG00000107201	381	455	429	266
ENSG00000107223	2468	2862	2952	2233
ENSG00000107242	1	1	0	0
ENSG00000107249	554	768	772	731
ENSG00000107262	578	650	621	661
ENSG00000107263	1670	2051	1679	1712
ENSG00000107281	909	802	728	856
ENSG00000107282	330	467	532	324
ENSG00000107290	3086	3313	3412	3058
ENSG00000107295	1	1	1	1
ENSG00000107317	8441	4955	4107	3921
ENSG00000107331	1225	1547	1509	1692
ENSG00000107338	479	445	562	453
ENSG00000107341	1640	1776	2049	1640
ENSG00000107362	195	166	160	158
ENSG00000107371	219	219	230	223
ENSG00000107372	3848	5340	4342	3471
ENSG00000107404	1183	1165	972	969
ENSG00000107438	2115	2455	3391	1461
ENSG00000107443	148	118	147	120
ENSG00000107447	0	0	0	0
ENSG00000107485	0	2	0	0
ENSG00000107518	19	29	30	6
ENSG00000107521	2056	2156	2237	1722
ENSG00000107537	701	831	827	711
ENSG00000107551	584	517	1340	468
ENSG00000107554	1043	1144	1115	901
ENSG00000107560	807	757	867	678
ENSG00000107562	53992	26305	58813	45649
ENSG00000107566	1832	2003	1938	1612

ENSG00000107581	8140	9034	10916	7950
ENSG00000107593	0	0	1	0
ENSG00000107611	47	134	56	73
ENSG00000107614	148	166	137	111
ENSG00000107625	1022	1007	1059	840
ENSG00000107643	493	538	668	485
ENSG00000107651	1062	1285	1782	1182
ENSG00000107669	495	580	1034	597
ENSG00000107672	151	210	183	164
ENSG00000107679	530	657	705	700
ENSG00000107719	23	12	16	33
ENSG00000107731	919	871	563	818
ENSG00000107736	6	12	8	15
ENSG00000107738	4488	6823	2687	4057
ENSG00000107742	8	10	10	10
ENSG00000107745	1646	1933	2104	1537
ENSG00000107758	1406	1788	1830	1524
ENSG00000107771	1303	1446	1618	1175
ENSG00000107779	926	1175	991	1182
ENSG00000107789	575	617	651	545
ENSG00000107796	2867	5917	4448	2834
ENSG00000107798	1227	1471	1231	1291
ENSG00000107807	0	0	0	0
ENSG00000107815	113	124	181	101
ENSG00000107816	3245	2607	2847	3139
ENSG00000107819	2433	1957	1555	1991
ENSG00000107821	556	785	444	934
ENSG00000107829	414	576	544	471
ENSG00000107831	1	1	0	1
ENSG00000107833	275	259	225	276
ENSG00000107854	2786	2458	2825	2738
ENSG00000107859	1	1	4	2
ENSG00000107862	2932	3035	2979	2240
ENSG00000107863	4783	6066	6310	4655
ENSG00000107864	34	54	41	52
ENSG00000107872	157	131	122	116
ENSG00000107874	954	980	1036	707
ENSG00000107882	864	1010	1092	782
ENSG00000107890	268	439	482	286
ENSG00000107897	712	811	956	641
ENSG00000107902	308	288	302	202
ENSG00000107929	989	1155	1259	972
ENSG00000107937	626	800	968	585

ENSG00000107938	316	383	409	398
ENSG00000107949	438	519	583	407
ENSG00000107951	276	285	319	218
ENSG00000107954	1	20	6	14
ENSG00000107957	8998	9825	9355	6665
ENSG00000107959	1294	1810	2130	1579
ENSG00000107960	259	333	337	231
ENSG00000107968	390	470	322	272
ENSG00000107984	278	632	641	302
ENSG00000108001	175	304	10	486
ENSG00000108010	681	698	781	665
ENSG00000108018	0	0	0	0
ENSG00000108021	1398	1306	1769	1416
ENSG00000108039	1087	1201	1533	1160
ENSG00000108055	1533	1573	1757	1450
ENSG00000108061	1250	1326	1360	1063
ENSG00000108064	446	387	588	355
ENSG00000108091	1596	1622	1644	1296
ENSG00000108094	835	916	1112	698
ENSG00000108100	2086	2078	2361	1603
ENSG00000108106	258	272	374	175
ENSG00000108107	13076	11067	12187	8552
ENSG00000108175	4324	4257	3830	4936
ENSG00000108176	40	16	24	18
ENSG00000108179	521	537	797	448
ENSG00000108187	181	212	220	201
ENSG00000108219	971	964	967	839
ENSG00000108231	47	73	20	47
ENSG00000108239	665	841	631	797
ENSG00000108242	0	0	0	1
ENSG00000108244	1	0	0	0
ENSG00000108255	0	1	2	1
ENSG00000108256	2127	3276	3145	2045
ENSG00000108262	982	1044	1322	838
ENSG00000108298	20753	22734	21019	14746
ENSG00000108306	599	762	668	508
ENSG00000108309	10	16	29	18
ENSG00000108312	2397	2820	3179	2176
ENSG00000108342	1	0	1	0
ENSG00000108344	1798	2160	2173	1495
ENSG00000108349	2036	2251	2584	1785
ENSG00000108352	60	79	112	59
ENSG00000108370	55	39	35	30

ENSG00000108375	23	29	30	16
ENSG00000108379	52	76	28	0
ENSG00000108381	416	379	237	302
ENSG00000108384	167	208	203	179
ENSG00000108387	27	23	9	3
ENSG00000108389	996	1064	1052	675
ENSG00000108395	855	956	1296	863
ENSG00000108405	0	0	0	2
ENSG00000108406	1579	1848	1781	1441
ENSG00000108417	0	0	0	0
ENSG00000108423	60	54	77	76
ENSG00000108424	4966	6206	6169	4468
ENSG00000108433	672	812	867	566
ENSG00000108439	260	389	379	290
ENSG00000108442	0	0	0	0
ENSG00000108443	739	943	1040	704
ENSG00000108448	172	173	246	199
ENSG00000108452	1	1	0	1
ENSG00000108465	1625	1574	1590	1276
ENSG00000108468	1648	1954	2024	1671
ENSG00000108469	387	533	440	298
ENSG00000108474	178	232	178	177
ENSG00000108479	215	206	172	177
ENSG00000108506	256	241	311	240
ENSG00000108509	1160	1691	1084	1228
ENSG00000108510	1500	1758	1842	1524
ENSG00000108511	127	162	18	93
ENSG00000108515	93	71	83	65
ENSG00000108516	0	0	0	0
ENSG00000108518	5887	7277	5995	5112
ENSG00000108523	1236	1501	1368	1071
ENSG00000108528	663	639	673	492
ENSG00000108551	43	61	19	21
ENSG00000108556	6	28	12	6
ENSG00000108557	944	958	922	821
ENSG00000108559	360	427	552	393
ENSG00000108561	617	702	759	477
ENSG00000108576	1	7	5	6
ENSG00000108578	389	478	471	440
ENSG00000108582	4447	8305	7951	7600
ENSG00000108587	671	1044	1224	742
ENSG00000108588	1258	1813	1910	1336
ENSG00000108590	143	170	180	124

ENSG00000108591	576	620	557	463
ENSG00000108592	1184	1418	1619	842
ENSG00000108599	806	811	863	549
ENSG00000108602	7	18	27	21
ENSG00000108604	1310	1570	1391	1160
ENSG00000108622	22	32	12	11
ENSG00000108639	207	391	331	292
ENSG00000108641	217	269	229	180
ENSG00000108651	488	724	715	483
ENSG00000108654	13668	16389	19662	11146
ENSG00000108666	192	222	196	197
ENSG00000108669	364	464	402	356
ENSG00000108671	998	1245	1240	851
ENSG00000108679	3331	6274	3209	3635
ENSG00000108684	17	12	13	14
ENSG00000108688	17	19	36	25
ENSG00000108691	469	1274	2288	558
ENSG00000108700	21	47	55	3
ENSG00000108702	0	0	0	1
ENSG00000108733	277	352	285	243
ENSG00000108759	1	1	0	0
ENSG00000108771	302	321	242	297
ENSG00000108773	723	663	641	509
ENSG00000108774	3280	3993	3814	2549
ENSG00000108784	1824	1736	1474	1393
ENSG00000108785	31	31	29	33
ENSG00000108786	424	487	495	395
ENSG00000108788	609	760	671	512
ENSG00000108797	2449	3041	2119	2176
ENSG00000108798	0	0	4	0
ENSG00000108799	1142	1352	1349	1098
ENSG00000108813	2	4	2	1
ENSG00000108819	1961	2067	2254	2095
ENSG00000108821	147396	156065	189593	130895
ENSG00000108823	6	16	6	9
ENSG00000108825	3	15	0	3
ENSG00000108826	381	418	443	358
ENSG00000108828	16120	18293	14682	15023
ENSG00000108829	1835	1785	2216	1464
ENSG00000108830	272	538	343	311
ENSG00000108839	48	69	80	93
ENSG00000108840	2687	2561	2191	2463
ENSG00000108846	211	360	378	270

ENSG00000108848	3114	3431	3713	3018
ENSG00000108849	0	0	0	0
ENSG00000108852	185	197	153	157
ENSG00000108854	2714	5847	4215	2847
ENSG00000108861	1889	1810	2377	1531
ENSG00000108878	0	0	0	0
ENSG00000108883	879	1287	1538	900
ENSG00000108924	17	34	20	52
ENSG00000108932	17	39	85	13
ENSG00000108946	8096	10547	12617	7686
ENSG00000108947	79	121	150	73
ENSG00000108950	748	1022	688	617
ENSG00000108953	2964	3897	3905	2586
ENSG00000108958	0	0	0	0
ENSG00000108960	860	804	1406	579
ENSG00000108961	266	283	288	205
ENSG00000108963	629	722	627	505
ENSG00000108984	102	183	71	65
ENSG00000109016	215	414	298	262
ENSG00000109046	3247	4717	4789	3082
ENSG00000109047	3	1	6	4
ENSG00000109061	0	0	0	0
ENSG00000109062	233	222	357	177
ENSG00000109063	49	30	40	15
ENSG00000109065	598	545	577	441
ENSG00000109066	496	616	582	381
ENSG00000109072	16	39	27	23
ENSG00000109079	1096	1229	1296	765
ENSG00000109083	467	548	604	406
ENSG00000109084	227	110	252	83
ENSG00000109089	576	560	787	513
ENSG00000109099	7942	8814	9727	6250
ENSG00000109101	0	0	0	0
ENSG00000109103	379	565	582	465
ENSG00000109107	501	572	557	344
ENSG00000109111	3788	4847	5033	3456
ENSG00000109113	2251	2633	2575	2154
ENSG00000109118	788	982	1080	812
ENSG00000109132	0	0	0	0
ENSG00000109133	737	768	931	646
ENSG00000109158	0	1	0	1
ENSG00000109163	3	7	5	10
ENSG00000109171	926	1204	1359	663

ENSG00000109180	1652	2345	2176	1631
ENSG00000109181	0	0	0	0
ENSG00000109182	0	0	0	0
ENSG00000109184	1158	1147	1415	863
ENSG00000109189	463	604	629	513
ENSG00000109193	2	1	1	2
ENSG00000109205	0	0	0	0
ENSG00000109208	0	0	0	0
ENSG00000109220	217	280	230	228
ENSG00000109255	0	0	0	0
ENSG00000109265	158	117	64	170
ENSG00000109270	655	650	711	562
ENSG00000109272	0	1	6	0
ENSG00000109320	1184	1300	1425	1086
ENSG00000109321	5	2	9	0
ENSG00000109323	1809	2602	1839	1853
ENSG00000109332	5253	6088	6698	4836
ENSG00000109339	1078	1016	1136	866
ENSG00000109381	823	858	961	708
ENSG00000109390	366	453	459	392
ENSG00000109424	0	0	1	0
ENSG00000109436	895	1101	984	822
ENSG00000109445	571	580	773	612
ENSG00000109452	163	282	294	312
ENSG00000109458	1029	984	1124	1164
ENSG00000109466	305	484	539	319
ENSG00000109471	0	0	0	0
ENSG00000109472	11595	12642	6577	9931
ENSG00000109475	6986	6083	5113	5301
ENSG00000109501	1601	2083	1427	1836
ENSG00000109511	0	1	6	1
ENSG00000109519	277	396	379	210
ENSG00000109534	158	141	168	102
ENSG00000109536	182	211	272	161
ENSG00000109572	2004	2404	2732	1517
ENSG00000109576	186	131	191	144
ENSG00000109586	380	526	529	384
ENSG00000109606	2724	2560	2609	2237
ENSG00000109610	3552	6825	3318	6013
ENSG00000109618	262	251	343	272
ENSG00000109625	1333	1580	1707	1856
ENSG00000109654	1833	1792	1777	1876
ENSG00000109667	111	164	142	97

ENSG00000109670	392	544	636	295
ENSG00000109674	76	91	85	54
ENSG00000109680	787	1359	756	518
ENSG00000109684	6	6	14	8
ENSG00000109685	1067	1223	1043	775
ENSG00000109686	4081	5399	5890	4053
ENSG00000109689	1479	2216	1262	1656
ENSG00000109705	3	18	10	5
ENSG00000109736	956	1035	887	820
ENSG00000109738	300	528	591	309
ENSG00000109743	214	472	554	385
ENSG00000109756	1277	1658	2333	1136
ENSG00000109758	4	3	8	0
ENSG00000109762	345	385	516	403
ENSG00000109771	53	32	57	51
ENSG00000109775	453	504	473	429
ENSG00000109787	1685	1682	1795	1467
ENSG00000109790	1459	1950	2080	1440
ENSG00000109794	208	173	64	178
ENSG00000109805	114	86	112	79
ENSG00000109814	1449	2240	2223	1166
ENSG00000109819	143	94	410	62
ENSG00000109832	6	7	2	14
ENSG00000109846	1193	1919	2071	1118
ENSG00000109851	0	0	0	0
ENSG00000109854	401	513	1004	186
ENSG00000109861	1787	3552	3945	2594
ENSG00000109881	98	91	132	80
ENSG00000109906	12	15	7	25
ENSG00000109911	179	178	173	126
ENSG00000109917	392	487	616	373
ENSG00000109919	1255	1225	1251	1009
ENSG00000109920	1169	1411	1664	1165
ENSG00000109927	36	45	26	55
ENSG00000109929	438	537	565	355
ENSG00000109943	0	2	2	4
ENSG00000109944	142	201	129	158
ENSG00000109956	3	0	3	6
ENSG00000109971	18096	26339	34436	16892
ENSG00000109991	1	3	0	1
ENSG00000110002	972	1084	1841	868
ENSG00000110011	505	594	473	369
ENSG00000110013	1766	1881	2126	1567

ENSG00000110025	346	364	345	254
ENSG00000110031	142	184	122	98
ENSG00000110042	820	683	730	694
ENSG00000110046	786	807	826	713
ENSG00000110047	1918	2372	1830	1682
ENSG00000110048	1582	1859	2086	1603
ENSG00000110057	248	307	385	204
ENSG00000110060	149	235	234	127
ENSG00000110063	282	281	317	224
ENSG00000110066	507	653	767	546
ENSG00000110074	245	304	322	242
ENSG00000110075	1403	1563	1652	1263
ENSG00000110076	5	2	11	5
ENSG00000110077	0	3	6	4
ENSG00000110079	0	0	0	0
ENSG00000110080	788	800	658	636
ENSG00000110090	1545	1771	2114	1946
ENSG00000110092	11817	20327	16747	14801
ENSG00000110104	317	328	373	226
ENSG00000110107	1469	1563	1588	1316
ENSG00000110108	2132	2041	1934	1891
ENSG00000110148	0	2	0	0
ENSG00000110169	16	15	22	47
ENSG00000110171	468	358	379	387
ENSG00000110172	515	580	730	446
ENSG00000110195	8	14	9	5
ENSG00000110200	285	364	286	237
ENSG00000110203	19	47	26	28
ENSG00000110218	754	600	754	607
ENSG00000110237	2721	2854	2772	2063
ENSG00000110243	1	3	0	0
ENSG00000110244	0	0	0	0
ENSG00000110245	0	0	0	0
ENSG00000110274	901	1051	1009	683
ENSG00000110315	1106	1537	1796	1273
ENSG00000110318	360	601	663	459
ENSG00000110321	31519	33759	33059	26311
ENSG00000110324	4	0	0	0
ENSG00000110328	84	71	67	72
ENSG00000110330	1466	1572	1581	1315
ENSG00000110344	1670	2024	1824	1509
ENSG00000110367	3346	3359	3498	2975
ENSG00000110375	1	1	8	5

ENSG00000110395	882	739	1062	722
ENSG00000110400	159	258	280	177
ENSG00000110422	2014	2327	2467	2184
ENSG00000110427	115	282	241	122
ENSG00000110429	711	920	611	726
ENSG00000110435	487	588	632	536
ENSG00000110436	340	243	334	337
ENSG00000110442	465	602	689	457
ENSG00000110446	271	317	413	300
ENSG00000110448	0	0	0	0
ENSG00000110455	374	553	666	314
ENSG00000110484	0	0	0	0
ENSG00000110492	2108	1883	2344	1466
ENSG00000110497	675	746	756	606
ENSG00000110514	815	774	868	672
ENSG00000110536	356	485	501	396
ENSG00000110583	460	492	575	478
ENSG00000110619	1377	28	1484	467
ENSG00000110628	98	123	112	129
ENSG00000110651	17114	19166	18292	16451
ENSG00000110660	61	18	79	38
ENSG00000110665	1	0	3	0
ENSG00000110675	3	5	4	0
ENSG00000110680	0	2	0	0
ENSG00000110693	18	14	11	8
ENSG00000110696	2447	3394	3298	2526
ENSG00000110697	548	625	913	598
ENSG00000110700	6672	6722	6052	4933
ENSG00000110711	662	813	678	567
ENSG00000110713	1932	2430	3139	1731
ENSG00000110717	483	681	578	392
ENSG00000110719	999	924	1028	700
ENSG00000110721	159	122	182	167
ENSG00000110723	369	468	393	287
ENSG00000110756	531	626	646	437
ENSG00000110768	1186	1318	1528	1046
ENSG00000110777	24	24	18	20
ENSG00000110786	0	0	0	1
ENSG00000110799	15	24	45	27
ENSG00000110801	743	797	863	558
ENSG00000110811	1480	1979	2120	1511
ENSG00000110841	1984	2225	2090	1630
ENSG00000110844	330	348	456	278

ENSG00000110848	0	0	0	0
ENSG00000110851	819	797	748	551
ENSG00000110852	221	171	227	144
ENSG00000110871	405	486	440	370
ENSG00000110876	72	176	96	77
ENSG00000110880	6228	9660	7743	7061
ENSG00000110881	368	463	311	234
ENSG00000110887	0	0	0	0
ENSG00000110888	519	888	863	752
ENSG00000110900	512	394	542	237
ENSG00000110906	2436	3469	2853	1897
ENSG00000110911	900	970	1059	990
ENSG00000110917	5971	6114	5254	4228
ENSG00000110921	150	145	94	83
ENSG00000110925	607	631	689	472
ENSG00000110931	1162	1232	1156	1049
ENSG00000110934	1	0	0	3
ENSG00000110944	11	18	18	8
ENSG00000110955	6376	7105	7378	5593
ENSG00000110958	2868	3267	3102	2571
ENSG00000110975	0	5	0	0
ENSG00000110987	133	92	151	125
ENSG00000111011	1021	1590	1702	1090
ENSG00000111012	6	5	2	4
ENSG00000111046	0	0	1	1
ENSG00000111049	0	0	0	0
ENSG00000111052	337	492	604	466
ENSG00000111057	12	22	112	15
ENSG00000111058	742	807	1007	631
ENSG00000111077	3630	4137	3959	3201
ENSG00000111087	33	17	33	23
ENSG00000111110	45	45	16	18
ENSG00000111142	1722	2030	2335	1756
ENSG00000111144	1481	2061	1733	1588
ENSG00000111145	2075	1822	2010	1783
ENSG00000111181	7	10	5	3
ENSG00000111186	1174	1578	1491	1018
ENSG00000111196	185	186	155	114
ENSG00000111199	100	140	177	127
ENSG00000111203	305	431	442	281
ENSG00000111206	225	299	230	269
ENSG00000111215	18	8	7	26
ENSG00000111218	0	2	3	5

ENSG00000111224	296	316	351	258
ENSG00000111229	2147	2643	2774	1829
ENSG00000111231	220	195	188	207
ENSG00000111237	867	935	907	706
ENSG00000111241	0	0	0	0
ENSG00000111245	0	0	0	0
ENSG00000111247	32	43	38	19
ENSG00000111249	0	0	0	0
ENSG00000111252	951	1304	955	1220
ENSG00000111254	38	32	26	9
ENSG00000111261	449	572	265	482
ENSG00000111262	3	3	1	0
ENSG00000111266	303	363	347	289
ENSG00000111269	1893	2228	1834	1764
ENSG00000111271	529	654	662	551
ENSG00000111275	2421	2567	3182	2368
ENSG00000111276	1141	1256	1031	853
ENSG00000111291	1	4	0	1
ENSG00000111300	403	519	619	337
ENSG00000111305	23	61	52	15
ENSG00000111319	12	7	10	16
ENSG00000111321	2855	3689	3637	2350
ENSG00000111325	277	289	284	199
ENSG00000111328	3077	2776	3175	2563
ENSG00000111331	253	298	233	289
ENSG00000111335	130	147	111	90
ENSG00000111339	1	2	0	1
ENSG00000111341	1086	4046	2342	3623
ENSG00000111344	1	3	2	1
ENSG00000111348	8	25	17	22
ENSG00000111358	508	569	503	412
ENSG00000111361	826	890	892	743
ENSG00000111364	319	282	417	241
ENSG00000111371	1721	2337	1835	2115
ENSG00000111404	0	1	1	0
ENSG00000111405	2	7	7	14
ENSG00000111412	838	772	933	793
ENSG00000111424	1126	1384	1119	768
ENSG00000111432	1	0	0	0
ENSG00000111445	166	179	171	110
ENSG00000111450	745	1326	1075	711
ENSG00000111452	7681	10081	4729	6123
ENSG00000111481	2403	2640	2542	2029

ENSG00000111490	33	35	16	20
ENSG00000111530	3271	3539	3057	3234
ENSG00000111536	0	1	1	0
ENSG00000111537	0	0	0	0
ENSG00000111540	3939	4354	4005	2910
ENSG00000111554	183	271	235	218
ENSG00000111581	575	613	655	542
ENSG00000111596	1054	1224	1413	919
ENSG00000111602	196	248	272	197
ENSG00000111605	1272	1405	1484	1147
ENSG00000111615	837	1155	1177	924
ENSG00000111639	1095	1232	1133	905
ENSG00000111640	51616	60213	58618	39737
ENSG00000111641	350	358	431	340
ENSG00000111642	5338	6869	8095	5379
ENSG00000111644	5	10	9	5
ENSG00000111647	802	831	891	685
ENSG00000111652	1953	2199	1960	1599
ENSG00000111653	524	732	695	468
ENSG00000111664	64	64	43	63
ENSG00000111665	64	56	58	50
ENSG00000111666	1076	1278	933	986
ENSG00000111667	1915	2109	2158	1661
ENSG00000111669	7655	8944	8922	5052
ENSG00000111670	2818	5207	3735	3485
ENSG00000111671	160	151	147	131
ENSG00000111674	1991	1184	1216	1190
ENSG00000111676	4454	5349	6444	4153
ENSG00000111678	1007	997	902	815
ENSG00000111679	1	7	1	2
ENSG00000111684	732	1030	1072	623
ENSG00000111696	217	408	195	146
ENSG00000111700	0	0	0	0
ENSG00000111701	0	0	0	0
ENSG00000111704	20	18	15	14
ENSG00000111707	878	885	935	607
ENSG00000111711	1059	726	890	732
ENSG00000111713	3	0	0	0
ENSG00000111716	6214	6656	6597	4638
ENSG00000111725	465	542	571	540
ENSG00000111726	504	542	558	435
ENSG00000111727	895	903	1051	748
ENSG00000111728	338	364	263	293

ENSG00000111729	11	9	14	7
ENSG00000111731	905	829	833	707
ENSG00000111732	8	6	6	3
ENSG00000111737	1119	1118	1079	977
ENSG00000111752	1243	1072	1232	800
ENSG00000111775	1572	1622	1625	1114
ENSG00000111780	4	0	5	13
ENSG00000111783	1	2	1	0
ENSG00000111785	290	310	365	231
ENSG00000111786	1459	1430	1448	1129
ENSG00000111788	23	35	42	10
ENSG00000111790	595	719	729	570
ENSG00000111796	0	1	1	0
ENSG00000111799	43503	64917	58727	37596
ENSG00000111801	940	1102	1009	879
ENSG00000111802	661	650	1105	600
ENSG00000111816	315	370	388	328
ENSG00000111817	4546	4813	5117	3835
ENSG00000111832	864	1003	905	883
ENSG00000111834	10	13	8	7
ENSG00000111837	5	12	11	5
ENSG00000111843	1678	1551	1528	1317
ENSG00000111845	206	206	278	184
ENSG00000111846	16	42	36	41
ENSG00000111850	121	150	163	115
ENSG00000111859	778	1368	1217	635
ENSG00000111860	446	528	492	319
ENSG00000111863	12	13	7	7
ENSG00000111875	333	321	387	226
ENSG00000111877	160	184	252	187
ENSG00000111879	8	12	10	14
ENSG00000111880	302	403	316	251
ENSG00000111885	4717	4547	4650	3877
ENSG00000111886	8	4	2	0
ENSG00000111897	9088	12368	10503	9704
ENSG00000111906	613	907	740	544
ENSG00000111907	123	716	233	146
ENSG00000111911	415	498	545	476
ENSG00000111912	1023	1051	1816	1089
ENSG00000111913	122	73	72	166
ENSG00000111961	3076	3593	4134	2547
ENSG00000111962	752	677	839	684
ENSG00000111971	7	6	0	0

ENSG00000111981	48	128	85	79
ENSG00000112029	116	132	111	72
ENSG00000112031	553	522	686	500
ENSG00000112033	1017	1110	1205	885
ENSG00000112038	1	7	7	2
ENSG00000112039	118	113	142	104
ENSG00000112041	6	7	1	1
ENSG00000112053	6	7	7	9
ENSG00000112062	1258	1444	1356	1013
ENSG00000112077	0	0	0	0
ENSG00000112078	1995	2156	2582	1660
ENSG00000112079	1321	1497	1673	1139
ENSG00000112081	1959	2604	1734	1738
ENSG00000112096	11453	12837	23587	7757
ENSG00000112110	643	748	672	475
ENSG00000112115	0	0	0	0
ENSG00000112116	0	0	0	0
ENSG00000112118	638	629	633	495
ENSG00000112130	349	444	423	289
ENSG00000112137	68	54	50	42
ENSG00000112139	965	2357	1036	975
ENSG00000112144	667	769	802	620
ENSG00000112146	1150	1659	1537	1129
ENSG00000112149	192	120	90	78
ENSG00000112159	1918	1205	1331	1103
ENSG00000112164	0	0	0	0
ENSG00000112167	339	271	261	255
ENSG00000112175	1	0	0	0
ENSG00000112182	170	151	71	77
ENSG00000112183	34	57	90	24
ENSG00000112186	290	533	522	306
ENSG00000112195	0	0	0	1
ENSG00000112200	747	1044	1028	926
ENSG00000112208	2067	2704	2131	1694
ENSG00000112210	1725	3237	2596	1740
ENSG00000112212	1	2	0	0
ENSG00000112214	0	0	0	0
ENSG00000112218	41	40	54	14
ENSG00000112232	0	0	1	0
ENSG00000112234	615	676	703	516
ENSG00000112237	675	662	646	512
ENSG00000112238	0	0	0	0
ENSG00000112242	299	380	428	306

ENSG00000112245	1685	1671	2383	1396
ENSG00000112246	0	2	3	1
ENSG00000112249	2204	2335	2954	1922
ENSG00000112273	0	0	0	0
ENSG00000112276	322	400	503	302
ENSG00000112280	0	1	3	0
ENSG00000112282	901	936	1009	772
ENSG00000112290	475	687	508	531
ENSG00000112293	15	13	24	5
ENSG00000112294	16	23	13	13
ENSG00000112297	313	242	371	236
ENSG00000112299	20	25	25	14
ENSG00000112303	5	5	11	1
ENSG00000112304	507	560	868	387
ENSG00000112305	743	867	927	698
ENSG00000112306	19762	15898	12030	12068
ENSG00000112308	2723	3244	2870	2381
ENSG00000112309	7	3	6	6
ENSG00000112312	132	101	213	67
ENSG00000112319	706	718	1053	682
ENSG00000112320	398	509	440	451
ENSG00000112333	2	3	3	1
ENSG00000112335	3623	4241	4327	3037
ENSG00000112337	0	0	0	0
ENSG00000112339	1100	1486	1514	916
ENSG00000112343	1370	1434	1594	1125
ENSG00000112357	105	135	120	85
ENSG00000112365	232	250	256	197
ENSG00000112367	517	731	558	439
ENSG00000112378	5608	7973	8855	5929
ENSG00000112379	14	13	8	6
ENSG00000112394	34	12	21	12
ENSG00000112406	1025	762	910	886
ENSG00000112414	1116	622	366	404
ENSG00000112419	1113	2098	1901	1596
ENSG00000112425	130	120	140	107
ENSG00000112459	0	0	0	0
ENSG00000112461	0	0	0	0
ENSG00000112462	0	0	0	0
ENSG00000112473	583	646	656	540
ENSG00000112474	14	12	9	16
ENSG00000112486	0	1	2	1
ENSG00000112493	303	900	65	327

ENSG00000112494	0	0	0	0
ENSG00000112499	0	1	0	0
ENSG00000112511	45	42	46	18
ENSG00000112514	1223	1441	1466	1182
ENSG00000112530	3	2	5	6
ENSG00000112531	2612	3352	3958	2730
ENSG00000112539	0	0	0	0
ENSG00000112541	10	14	33	20
ENSG00000112559	14	1	0	5
ENSG00000112561	114	120	163	89
ENSG00000112562	14	7	0	1
ENSG00000112576	470	474	470	363
ENSG00000112578	178	173	229	168
ENSG00000112584	541	689	683	448
ENSG00000112592	203	267	259	177
ENSG00000112599	5	8	18	3
ENSG00000112619	218	200	206	106
ENSG00000112624	536	618	602	514
ENSG00000112640	1293	1405	1344	1035
ENSG00000112651	244	238	303	224
ENSG00000112655	8758	9476	8480	7632
ENSG00000112658	978	1092	960	817
ENSG00000112659	739	904	957	588
ENSG00000112667	193	196	168	167
ENSG00000112679	697	755	614	648
ENSG00000112685	1093	823	1127	765
ENSG00000112695	762	837	485	565
ENSG00000112697	7939	6712	5876	6777
ENSG00000112699	486	428	490	306
ENSG00000112701	1707	1873	2228	1436
ENSG00000112706	13	13	8	10
ENSG00000112715	3076	3089	2987	2340
ENSG00000112739	1569	1784	1951	1621
ENSG00000112742	22	24	11	34
ENSG00000112759	653	911	786	715
ENSG00000112761	2	7	10	3
ENSG00000112763	519	673	613	460
ENSG00000112769	20606	24960	24187	15674
ENSG00000112773	856	811	919	584
ENSG00000112782	0	0	0	0
ENSG00000112787	447	401	495	340
ENSG00000112796	69	53	18	125
ENSG00000112799	0	0	0	0

ENSG00000112812	2	2	3	3
ENSG00000112818	0	0	0	0
ENSG00000112837	4282	3972	4840	4110
ENSG00000112851	2297	2527	3423	2116
ENSG00000112852	178	224	150	131
ENSG00000112855	593	568	549	459
ENSG00000112874	343	370	307	319
ENSG00000112877	25	31	24	31
ENSG00000112893	2121	2267	2209	1854
ENSG00000112902	4699	3560	8160	5124
ENSG00000112936	298	297	840	183
ENSG00000112941	563	575	579	440
ENSG00000112964	181	120	77	110
ENSG00000112972	379	396	412	360
ENSG00000112977	4151	5086	4482	3905
ENSG00000112981	24	73	44	30
ENSG00000112983	1348	1663	1694	1326
ENSG00000112984	54	50	43	53
ENSG00000112992	1628	1829	2720	1683
ENSG00000112996	549	527	611	491
ENSG00000113013	3194	3488	4518	2994
ENSG00000113048	1046	1324	1431	1025
ENSG00000113068	895	958	929	666
ENSG00000113070	18	16	15	11
ENSG00000113073	1	3	0	1
ENSG00000113083	9616	19455	11688	11313
ENSG00000113088	0	0	0	0
ENSG00000113100	0	1	2	1
ENSG00000113108	379	413	364	306
ENSG00000113119	141	125	133	122
ENSG00000113140	38656	45330	40867	35380
ENSG00000113141	2021	2203	2521	1610
ENSG00000113161	436	500	375	365
ENSG00000113163	1802	1655	1530	1522
ENSG00000113194	1649	1904	1968	1375
ENSG00000113196	0	0	0	0
ENSG00000113205	33	40	12	14
ENSG00000113209	55	73	16	14
ENSG00000113211	19	13	14	18
ENSG00000113212	108	74	45	74
ENSG00000113231	26	49	61	49
ENSG00000113240	650	670	652	641
ENSG00000113248	39	22	34	17

ENSG00000113249	0	1	4	3
ENSG00000113262	4	14	6	16
ENSG00000113263	19	32	12	27
ENSG00000113269	1465	1749	916	1262
ENSG00000113272	268	323	278	249
ENSG00000113273	1526	1629	2492	1436
ENSG00000113282	1714	1651	1964	1466
ENSG00000113296	37	72	45	39
ENSG00000113300	645	803	863	431
ENSG00000113302	3	3	5	2
ENSG00000113303	1	1	1	0
ENSG00000113312	708	867	754	565
ENSG00000113318	446	397	455	480
ENSG00000113319	493	476	1090	386
ENSG00000113327	0	0	0	0
ENSG00000113328	5863	5998	6449	4969
ENSG00000113356	97	213	266	164
ENSG00000113360	1386	1389	1211	982
ENSG00000113361	1319	5891	2552	4494
ENSG00000113368	89	62	86	59
ENSG00000113369	1201	1454	1189	1113
ENSG00000113384	2949	3019	2951	2615
ENSG00000113387	2788	2424	3151	2040
ENSG00000113389	1756	3627	4513	3355
ENSG00000113391	1055	1156	1064	977
ENSG00000113396	4	2	7	12
ENSG00000113407	1402	1844	2190	1421
ENSG00000113430	0	0	0	0
ENSG00000113441	1237	1148	1105	1101
ENSG00000113448	373	173	671	118
ENSG00000113456	691	921	937	725
ENSG00000113460	304	462	445	290
ENSG00000113492	0	0	0	0
ENSG00000113494	1	15	1	7
ENSG00000113504	236	396	293	260
ENSG00000113520	1	0	0	1
ENSG00000113522	1736	2137	2471	1694
ENSG00000113525	1	1	9	0
ENSG00000113532	3	6	7	2
ENSG00000113552	2120	1862	2262	2009
ENSG00000113555	13	17	73	65
ENSG00000113558	4764	6397	6530	4190
ENSG00000113569	544	519	448	466

ENSG00000113575	1963	1615	1898	2089
ENSG00000113578	93	248	105	104
ENSG00000113580	4402	4339	3088	3977
ENSG00000113583	1577	1888	1868	1406
ENSG00000113593	609	856	674	554
ENSG00000113594	603	711	707	777
ENSG00000113595	438	505	449	425
ENSG00000113597	299	417	423	283
ENSG00000113600	2	4	4	4
ENSG00000113615	1080	1024	1196	955
ENSG00000113621	1129	1368	1238	1346
ENSG00000113638	186	268	231	186
ENSG00000113643	1359	1734	1860	1200
ENSG00000113645	67	125	151	69
ENSG00000113648	2050	2113	2839	1583
ENSG00000113649	846	970	1210	734
ENSG00000113657	6134	7015	6677	4683
ENSG00000113658	2189	2493	2516	1735
ENSG00000113712	5833	7182	7313	5234
ENSG00000113716	1144	1267	1311	914
ENSG00000113719	4681	6934	5640	4565
ENSG00000113721	18233	19858	20560	17246
ENSG00000113722	18	23	14	12
ENSG00000113732	3639	3469	3495	2603
ENSG00000113734	124	185	148	136
ENSG00000113739	10869	8378	6747	18091
ENSG00000113742	612	589	726	597
ENSG00000113749	0	0	10	0
ENSG00000113758	3150	4888	5055	3180
ENSG00000113761	241	297	339	253
ENSG00000113763	0	0	0	0
ENSG00000113790	154	238	130	110
ENSG00000113805	339	699	527	723
ENSG00000113810	1134	1147	1435	1322
ENSG00000113811	379	379	438	260
ENSG00000113812	721	828	744	648
ENSG00000113838	179	200	170	137
ENSG00000113845	1080	1215	1328	920
ENSG00000113851	679	769	803	710
ENSG00000113889	1	1	0	0
ENSG00000113905	16	2	7	5
ENSG00000113916	1393	1671	1588	1117
ENSG00000113924	0	2	3	3

ENSG00000113946	0	1	1	0
ENSG00000113966	148	207	244	229
ENSG00000113971	630	1057	1105	676
ENSG00000114013	0	0	0	0
ENSG00000114019	2346	3853	3008	2104
ENSG00000114021	593	642	714	588
ENSG00000114023	746	1024	927	714
ENSG00000114026	440	472	451	327
ENSG00000114030	1267	1885	1758	1129
ENSG00000114054	397	530	564	323
ENSG00000114062	1343	1488	2038	1405
ENSG00000114098	607	652	762	726
ENSG00000114107	220	307	271	171
ENSG00000114113	1	2	1	0
ENSG00000114115	46	32	15	32
ENSG00000114120	1938	2335	2203	2100
ENSG00000114124	4	1	1	2
ENSG00000114125	677	689	792	710
ENSG00000114126	1464	1581	2034	1640
ENSG00000114127	1637	1664	2042	1637
ENSG00000114166	690	908	757	558
ENSG00000114200	55	59	23	158
ENSG00000114204	0	0	0	0
ENSG00000114209	387	512	532	389
ENSG00000114248	0	0	1	0
ENSG00000114251	4600	5592	10102	2359
ENSG00000114268	144	125	193	140
ENSG00000114270	1257	1021	1073	648
ENSG00000114279	6	0	4	4
ENSG00000114302	1232	1344	1579	1097
ENSG00000114315	1	2	0	2
ENSG00000114316	1311	1496	1712	1120
ENSG00000114331	2126	2554	3026	2184
ENSG00000114346	372	492	481	362
ENSG00000114349	0	0	0	0
ENSG00000114353	7145	8361	7962	6050
ENSG00000114354	1946	2417	2558	1794
ENSG00000114374	1299	1585	1679	8
ENSG00000114378	21	35	14	9
ENSG00000114383	344	350	322	281
ENSG00000114388	305	278	346	267
ENSG00000114391	7647	7509	7264	5585
ENSG00000114395	164	189	190	152

ENSG00000114405	140	101	103	118
ENSG00000114416	2840	3591	3942	2664
ENSG00000114423	691	551	729	526
ENSG00000114439	1919	2551	2987	2232
ENSG00000114446	784	1047	914	883
ENSG00000114450	1696	1333	1573	1344
ENSG00000114455	2	3	6	5
ENSG00000114473	238	394	262	208
ENSG00000114480	3993	1806	4503	3071
ENSG00000114487	0	0	0	0
ENSG00000114491	351	371	446	316
ENSG00000114503	1582	1639	1945	1260
ENSG00000114520	399	377	418	292
ENSG00000114529	29	17	36	26
ENSG00000114541	13	19	17	11
ENSG00000114544	900	1041	1144	758
ENSG00000114547	1	1	1	2
ENSG00000114554	3105	3554	2334	3144
ENSG00000114573	2301	2252	3909	1991
ENSG00000114626	932	1079	795	750
ENSG00000114631	43	40	32	40
ENSG00000114638	1	1	1	0
ENSG00000114646	6	5	2	0
ENSG00000114648	331	441	503	358
ENSG00000114650	1441	1574	1720	1295
ENSG00000114654	1	1	0	1
ENSG00000114656	14	15	25	11
ENSG00000114670	275	260	229	294
ENSG00000114686	856	993	1056	756
ENSG00000114698	1665	2461	2287	1764
ENSG00000114735	611	649	635	537
ENSG00000114737	69	55	58	33
ENSG00000114738	587	731	822	573
ENSG00000114739	109	98	121	86
ENSG00000114742	1079	1639	1654	1005
ENSG00000114744	473	611	557	504
ENSG00000114745	878	1026	874	698
ENSG00000114757	17	21	14	39
ENSG00000114767	164	145	176	113
ENSG00000114770	1012	1164	1186	913
ENSG00000114771	5	4	2	1
ENSG00000114779	1095	1034	885	850
ENSG00000114784	536	666	698	472

ENSG00000114786	23	11	11	6
ENSG00000114790	38	17	46	30
ENSG00000114796	1302	1168	1547	1375
ENSG00000114805	0	5	4	0
ENSG00000114812	0	0	0	0
ENSG00000114841	405	336	215	258
ENSG00000114850	2575	3128	2654	2308
ENSG00000114853	2157	2241	2433	2056
ENSG00000114854	4	4	1	2
ENSG00000114857	1546	1870	2163	1648
ENSG00000114859	51	115	94	59
ENSG00000114861	1768	2435	2433	1873
ENSG00000114867	7229	8366	8702	6300
ENSG00000114902	1219	1335	1332	1027
ENSG00000114904	563	458	647	407
ENSG00000114923	126	141	317	221
ENSG00000114933	332	486	435	374
ENSG00000114942	6326	6920	6541	4848
ENSG00000114948	81	1067	285	718
ENSG00000114956	476	550	532	506
ENSG00000114978	2777	2772	3168	2603
ENSG00000114982	1913	2422	2077	1819
ENSG00000114988	488	567	429	354
ENSG00000114993	296	305	288	255
ENSG00000114999	1340	1491	1424	1300
ENSG00000115008	0	2	1	0
ENSG00000115009	0	0	2	0
ENSG00000115020	1265	1367	1515	1215
ENSG00000115041	185	112	145	112
ENSG00000115042	390	474	442	339
ENSG00000115053	8634	10291	11900	7494
ENSG00000115073	851	1041	842	784
ENSG00000115084	1449	1538	1498	1318
ENSG00000115085	0	2	4	0
ENSG00000115091	3121	3458	3537	2783
ENSG00000115107	211	304	711	361
ENSG00000115109	662	825	949	610
ENSG00000115112	1	1	1	1
ENSG00000115128	652	858	889	533
ENSG00000115129	998	961	1033	798
ENSG00000115137	135	275	191	140
ENSG00000115138	3	3	3	1
ENSG00000115145	929	1090	1244	905

ENSG00000115155	1	1	0	0
ENSG00000115159	576	581	994	706
ENSG00000115163	11	11	4	10
ENSG00000115165	0	0	2	0
ENSG00000115170	1773	1708	1919	1545
ENSG00000115183	1646	1372	1582	1115
ENSG00000115194	13	9	9	10
ENSG00000115204	1244	1290	1302	1101
ENSG00000115207	879	867	1087	758
ENSG00000115211	632	617	697	578
ENSG00000115216	2165	2517	2602	1979
ENSG00000115221	3	8	0	10
ENSG00000115226	542	530	577	410
ENSG00000115232	3598	1454	1428	1943
ENSG00000115233	718	830	840	622
ENSG00000115234	2249	2283	2253	1828
ENSG00000115239	448	638	612	458
ENSG00000115241	1287	1396	1535	1088
ENSG00000115252	155	624	267	401
ENSG00000115255	46	59	46	51
ENSG00000115257	55	88	72	35
ENSG00000115263	0	0	0	0
ENSG00000115266	102	132	127	104
ENSG00000115267	274	242	265	129
ENSG00000115268	5342	5535	5242	4231
ENSG00000115271	110	80	133	111
ENSG00000115274	241	280	199	200
ENSG00000115275	978	863	811	669
ENSG00000115282	426	523	482	303
ENSG00000115286	637	634	607	385
ENSG00000115289	192	252	291	168
ENSG00000115290	30	62	24	33
ENSG00000115295	1485	1689	1994	1629
ENSG00000115297	0	0	0	0
ENSG00000115306	10927	15588	12096	10457
ENSG00000115307	1323	1394	1371	1075
ENSG00000115310	13717	20412	18140	14330
ENSG00000115317	372	331	363	282
ENSG00000115318	509	664	765	520
ENSG00000115325	364	402	460	320
ENSG00000115339	16	33	23	18
ENSG00000115350	252	290	266	230
ENSG00000115353	4	0	0	1

ENSG00000115355	1065	1597	1994	1364
ENSG00000115361	12	22	7	13
ENSG00000115363	64	135	101	69
ENSG00000115364	531	672	611	476
ENSG00000115365	1493	1905	1640	1533
ENSG00000115368	670	740	748	547
ENSG00000115380	15920	36392	27695	15849
ENSG00000115386	0	0	0	0
ENSG00000115392	164	222	229	122
ENSG00000115414	251407	510107	261520	343896
ENSG00000115415	5858	7026	10265	5108
ENSG00000115419	2465	3364	3042	3146
ENSG00000115421	406	447	344	353
ENSG00000115423	12	5	14	3
ENSG00000115425	127	155	137	134
ENSG00000115446	659	707	677	496
ENSG00000115457	118	1775	976	463
ENSG00000115459	366	497	425	397
ENSG00000115461	80440	347012	250646	156711
ENSG00000115464	3051	3631	4679	3543
ENSG00000115468	2	2	11	0
ENSG00000115474	0	0	1	1
ENSG00000115484	2073	2092	2188	1793
ENSG00000115486	1212	1305	1347	1003
ENSG00000115488	0	0	0	0
ENSG00000115504	4716	7848	6474	4772
ENSG00000115507	7	84	2	4
ENSG00000115514	374	494	503	380
ENSG00000115520	540	632	562	409
ENSG00000115523	2	2	3	1
ENSG00000115524	7519	9582	9763	7099
ENSG00000115525	317	456	518	365
ENSG00000115526	166	240	187	187
ENSG00000115539	92	130	114	100
ENSG00000115540	588	583	578	339
ENSG00000115541	635	834	894	507
ENSG00000115548	1392	1116	1402	1068
ENSG00000115556	173	200	250	139
ENSG00000115561	3061	4007	3955	2806
ENSG00000115568	532	534	535	391
ENSG00000115590	1	1	6	0
ENSG00000115592	2	5	1	2
ENSG00000115593	0	0	0	0

ENSG00000115594	11936	10722	16329	8537
ENSG00000115596	0	0	0	0
ENSG00000115598	29	31	56	20
ENSG00000115602	2	12	10	7
ENSG00000115604	59	25	53	7
ENSG00000115607	0	0	0	0
ENSG00000115616	0	0	1	0
ENSG00000115641	4255	5879	4344	3192
ENSG00000115648	57	95	182	37
ENSG00000115649	1095	1045	798	1012
ENSG00000115652	534	793	695	601
ENSG00000115657	562	474	376	317
ENSG00000115661	473	610	519	463
ENSG00000115665	0	2	0	0
ENSG00000115677	25204	28369	30251	21844
ENSG00000115685	990	1101	1046	811
ENSG00000115687	58	73	63	52
ENSG00000115694	1768	1748	1698	1266
ENSG00000115705	2	2	2	1
ENSG00000115718	1	1	0	0
ENSG00000115738	1605	1788	1135	1162
ENSG00000115750	307	397	527	297
ENSG00000115756	270	300	331	314
ENSG00000115758	398	584	514	330
ENSG00000115760	2629	3335	3689	2646
ENSG00000115761	542	539	540	471
ENSG00000115762	1250	1687	1709	1205
ENSG00000115806	2147	2499	2696	2040
ENSG00000115808	863	997	877	835
ENSG00000115816	823	820	908	713
ENSG00000115825	2079	2226	2286	1650
ENSG00000115827	363	439	535	484
ENSG00000115828	136	206	383	215
ENSG00000115839	2768	3384	3091	2607
ENSG00000115840	441	450	483	394
ENSG00000115841	120	157	184	122
ENSG00000115844	0	0	2	1
ENSG00000115850	0	0	0	0
ENSG00000115866	1967	1754	1792	1495
ENSG00000115875	788	1120	884	764
ENSG00000115884	474	803	822	400
ENSG00000115896	358	408	464	276
ENSG00000115902	166	243	116	228

ENSG00000115904	2886	3320	4723	2617
ENSG00000115919	168	88	123	81
ENSG00000115935	1324	1804	1874	1359
ENSG00000115942	249	398	405	342
ENSG00000115944	1733	1659	1673	1366
ENSG00000115946	135	215	297	147
ENSG00000115947	519	660	642	494
ENSG00000115956	0	4	2	3
ENSG00000115963	22462	21852	26592	22862
ENSG00000115966	977	1176	1126	910
ENSG00000115970	613	834	608	963
ENSG00000115977	1179	1472	1354	1253
ENSG00000115993	3399	4562	4815	3289
ENSG00000115998	252	243	267	165
ENSG00000116001	1622	2040	2136	1602
ENSG00000116005	5547	9636	9084	6652
ENSG00000116014	0	0	1	0
ENSG00000116016	27622	29371	38944	23414
ENSG00000116017	470	402	623	310
ENSG00000116030	1694	1773	1981	1391
ENSG00000116031	0	0	0	0
ENSG00000116032	55	75	70	68
ENSG00000116035	10	10	18	11
ENSG00000116039	17	16	11	21
ENSG00000116044	6079	6914	10380	4633
ENSG00000116062	981	1166	1127	1016
ENSG00000116095	285	591	428	314
ENSG00000116096	308	379	310	286
ENSG00000116106	158	140	173	221
ENSG00000116117	1427	2634	2148	1665
ENSG00000116120	445	538	463	380
ENSG00000116127	496	406	401	334
ENSG00000116128	654	746	555	588
ENSG00000116132	6930	8686	8649	5921
ENSG00000116133	4564	5978	3994	1470
ENSG00000116138	506	614	914	486
ENSG00000116141	54	23	26	69
ENSG00000116147	4	15	10	10
ENSG00000116151	91	95	95	71
ENSG00000116157	140	316	412	157
ENSG00000116161	759	1123	941	761
ENSG00000116171	3340	3923	4077	2900
ENSG00000116176	0	1	0	0

ENSG00000116183	126	65	17	55
ENSG00000116191	2387	2878	4309	2883
ENSG00000116194	74	166	57	96
ENSG00000116198	452	612	718	598
ENSG00000116199	1550	2220	1849	1453
ENSG00000116205	413	562	475	485
ENSG00000116209	3902	5350	4815	3871
ENSG00000116212	513	576	641	475
ENSG00000116213	344	338	402	198
ENSG00000116218	0	0	0	0
ENSG00000116221	872	1029	1108	755
ENSG00000116237	2704	3277	2900	2026
ENSG00000116251	9454	10938	10510	6885
ENSG00000116254	9	10	4	12
ENSG00000116260	238629	233945	208598	184960
ENSG00000116266	916	877	874	925
ENSG00000116273	650	606	659	633
ENSG00000116285	874	1253	1528	775
ENSG00000116288	2507	2571	2618	1928
ENSG00000116299	114	41	77	40
ENSG00000116329	20	18	23	19
ENSG00000116337	1346	1297	1250	1007
ENSG00000116350	1474	1553	2023	1355
ENSG00000116353	234	274	286	202
ENSG00000116396	119	157	202	173
ENSG00000116406	1563	1737	1772	1380
ENSG00000116455	439	471	549	333
ENSG00000116459	1893	2198	2159	1525
ENSG00000116473	1018	1074	1186	1000
ENSG00000116478	1318	1676	1656	1332
ENSG00000116489	2976	3718	3692	2476
ENSG00000116497	605	673	727	571
ENSG00000116514	203	250	262	164
ENSG00000116521	505	595	662	438
ENSG00000116525	181	216	228	165
ENSG00000116539	2487	3214	3667	2539
ENSG00000116544	4	8	5	2
ENSG00000116560	3412	3386	4373	2943
ENSG00000116574	387	447	56	373
ENSG00000116580	992	1304	1353	1010
ENSG00000116584	3120	3663	3640	2732
ENSG00000116586	395	474	518	384
ENSG00000116604	1550	1685	1711	1462

ENSG00000116641	2838	3164	3809	2471
ENSG00000116649	1012	1142	1060	754
ENSG00000116661	25	58	43	45
ENSG00000116663	114	135	112	150
ENSG00000116667	2003	3106	1355	1991
ENSG00000116668	156	287	198	169
ENSG00000116670	341	349	367	277
ENSG00000116675	6	43	54	14
ENSG00000116678	630	678	1309	654
ENSG00000116679	699	1162	1138	922
ENSG00000116685	1206	1314	1192	1065
ENSG00000116688	2966	3462	3425	2455
ENSG00000116690	1	14	20	17
ENSG00000116691	235	194	204	130
ENSG00000116698	1090	1230	1349	901
ENSG00000116701	5	2	7	5
ENSG00000116703	0	3	1	2
ENSG00000116704	489	539	535	369
ENSG00000116711	173	146	143	316
ENSG00000116717	1389	1555	2137	1130
ENSG00000116721	0	0	0	0
ENSG00000116726	1	0	0	0
ENSG00000116729	3615	4528	6408	3466
ENSG00000116731	1192	1388	1161	1005
ENSG00000116741	133	244	296	161
ENSG00000116745	0	0	0	0
ENSG00000116747	778	840	883	856
ENSG00000116748	0	0	0	0
ENSG00000116750	307	392	400	314
ENSG00000116752	414	429	499	345
ENSG00000116754	4266	4538	5283	4961
ENSG00000116761	36	59	47	31
ENSG00000116771	6	15	27	13
ENSG00000116774	3823	4557	3765	3346
ENSG00000116783	21	18	7	2
ENSG00000116785	5	5	5	5
ENSG00000116786	3571	4076	4230	3260
ENSG00000116791	548	496	548	594
ENSG00000116793	510	467	636	590
ENSG00000116809	531	431	457	362
ENSG00000116815	73	74	63	77
ENSG00000116819	22	14	29	19
ENSG00000116824	1	0	0	1

ENSG00000116830	412	289	497	374
ENSG00000116833	3	7	1	1
ENSG00000116852	2	1	1	2
ENSG00000116857	1195	1080	924	721
ENSG00000116863	406	403	424	337
ENSG00000116871	2569	3610	4747	2438
ENSG00000116874	317	456	371	456
ENSG00000116882	1	1	1	0
ENSG00000116885	99	162	137	125
ENSG00000116898	633	734	798	532
ENSG00000116903	411	421	407	357
ENSG00000116906	1012	936	890	596
ENSG00000116918	845	963	1083	618
ENSG00000116922	279	366	385	301
ENSG00000116954	1466	1402	1511	1271
ENSG00000116957	213	310	245	187
ENSG00000116962	5023	5553	4963	5065
ENSG00000116977	1282	1515	1708	1023
ENSG00000116981	0	0	0	0
ENSG00000116983	0	0	1	0
ENSG00000116984	1665	1857	2339	2108
ENSG00000116985	14	18	8	11
ENSG00000116990	2	9	7	2
ENSG00000116991	343	227	57	334
ENSG00000116996	0	0	0	0
ENSG00000117000	708	588	668	539
ENSG00000117009	9	18	14	3
ENSG00000117010	58	79	72	50
ENSG00000117013	0	2	8	1
ENSG00000117016	135	74	33	43
ENSG00000117020	879	1338	1580	960
ENSG00000117036	572	555	588	460
ENSG00000117054	486	522	388	399
ENSG00000117069	17	17	14	14
ENSG00000117090	0	0	0	0
ENSG00000117091	0	0	0	0
ENSG00000117114	2730	3092	1511	2356
ENSG00000117115	2	13	9	1
ENSG00000117118	642	925	1115	610
ENSG00000117122	799	934	1129	891
ENSG00000117133	387	378	464	292
ENSG00000117139	2157	2192	2886	1813
ENSG00000117143	1222	1582	1527	1070

ENSG00000117148	2	0	41	3
ENSG00000117151	588	791	662	760
ENSG00000117152	101	340	108	146
ENSG00000117153	917	1031	958	724
ENSG00000117154	0	0	0	0
ENSG00000117155	514	929	609	991
ENSG00000117174	586	769	923	624
ENSG00000117215	0	3	2	2
ENSG00000117222	568	704	636	456
ENSG00000117226	174	281	1293	706
ENSG00000117228	1087	1589	922	859
ENSG00000117245	31	31	54	18
ENSG00000117262	379	376	487	377
ENSG00000117266	201	70	95	67
ENSG00000117280	930	1042	1109	1095
ENSG00000117281	20	13	41	16
ENSG00000117298	7208	8034	8551	5496
ENSG00000117305	699	788	793	614
ENSG00000117308	115	116	80	62
ENSG00000117318	65	56	81	39
ENSG00000117322	4	14	4	9
ENSG00000117335	4144	6476	7163	4363
ENSG00000117360	557	634	745	476
ENSG00000117362	2450	2225	2030	2076
ENSG00000117385	1712	2038	1573	1496
ENSG00000117394	2081	3143	2515	1722
ENSG00000117395	520	631	678	454
ENSG00000117399	53	36	25	32
ENSG00000117400	0	2	0	0
ENSG00000117407	3	2	13	9
ENSG00000117408	796	835	864	605
ENSG00000117410	650	564	601	569
ENSG00000117411	1234	1425	1394	1041
ENSG00000117419	706	829	710	610
ENSG00000117425	27	53	77	37
ENSG00000117448	1035	1058	827	756
ENSG00000117450	3837	5437	4805	3341
ENSG00000117461	255	439	519	226
ENSG00000117472	2	8	9	2
ENSG00000117475	444	649	614	346
ENSG00000117477	13	6	13	4
ENSG00000117479	175	148	191	204
ENSG00000117480	28	16	33	35

ENSG00000117481	313	328	355	310
ENSG00000117500	2048	2001	2508	1841
ENSG00000117501	0	0	0	0
ENSG00000117505	1178	1226	1151	1025
ENSG00000117507	4	7	6	9
ENSG00000117519	4007	7678	6238	6610
ENSG00000117523	5258	7374	7538	6136
ENSG00000117525	376	425	810	303
ENSG00000117528	1187	1037	1278	941
ENSG00000117533	1417	1572	1377	1217
ENSG00000117543	456	459	446	354
ENSG00000117560	0	2	3	0
ENSG00000117569	305	368	429	311
ENSG00000117586	43	39	41	37
ENSG00000117592	3136	3570	3790	2884
ENSG00000117593	317	339	407	293
ENSG00000117594	174	460	1406	117
ENSG00000117595	30	107	14	88
ENSG00000117597	601	646	653	624
ENSG00000117598	2	4	3	0
ENSG00000117600	58	66	108	45
ENSG00000117601	2	0	4	2
ENSG00000117602	190	425	267	211
ENSG00000117614	1146	1163	1427	1097
ENSG00000117616	1436	1568	1807	1107
ENSG00000117620	428	526	479	395
ENSG00000117625	771	949	969	838
ENSG00000117632	1021	1406	2092	1003
ENSG00000117640	1336	1538	1541	1147
ENSG00000117643	1177	1729	843	1053
ENSG00000117650	22	12	19	10
ENSG00000117676	5	5	9	7
ENSG00000117682	615	828	722	614
ENSG00000117691	854	834	794	739
ENSG00000117697	438	439	493	355
ENSG00000117707	23	8	12	23
ENSG00000117713	1719	1888	2010	1271
ENSG00000117724	151	132	223	147
ENSG00000117748	416	887	825	445
ENSG00000117751	728	842	893	640
ENSG00000117758	1150	1584	1443	1208
ENSG00000117791	230	393	326	251
ENSG00000117834	18	24	16	19

ENSG00000117859	1259	1706	1666	1359
ENSG00000117862	991	1161	1237	983
ENSG00000117868	3936	5591	4045	4191
ENSG00000117877	54	82	69	75
ENSG00000117899	1440	1858	1750	1465
ENSG00000117906	1320	1939	2091	1247
ENSG00000117971	1	6	3	14
ENSG00000117983	2	0	0	24
ENSG00000117984	9654	10893	10794	8413
ENSG00000118004	3	5	9	4
ENSG00000118007	2005	1830	2273	1979
ENSG00000118017	3	12	0	15
ENSG00000118046	1210	1265	1341	975
ENSG00000118058	3413	3305	3359	2844
ENSG00000118094	1	4	1	3
ENSG00000118096	417	579	496	374
ENSG00000118113	0	9	1	1
ENSG00000118137	0	0	2	1
ENSG00000118156	9	13	1	4
ENSG00000118160	0	1	3	0
ENSG00000118162	197	199	176	130
ENSG00000118181	4629	4769	4676	3443
ENSG00000118193	27	17	19	24
ENSG00000118194	1	3	2	4
ENSG00000118197	200	226	262	210
ENSG00000118200	1544	1820	2281	1465
ENSG00000118217	1180	1614	1565	1244
ENSG00000118231	0	0	0	0
ENSG00000118242	109	101	72	110
ENSG00000118245	0	0	0	0
ENSG00000118246	469	562	508	423
ENSG00000118257	1805	1398	1596	1093
ENSG00000118260	1096	1043	1211	670
ENSG00000118263	477	626	511	558
ENSG00000118271	0	0	0	0
ENSG00000118276	68	47	22	99
ENSG00000118292	133	309	263	193
ENSG00000118298	12	15	9	7
ENSG00000118307	9	15	6	12
ENSG00000118308	2	4	4	0
ENSG00000118322	9	20	17	8
ENSG00000118363	1220	1401	1196	1029
ENSG00000118369	547	534	544	382

ENSG00000118402	113	124	127	114
ENSG00000118407	297	252	261	165
ENSG00000118412	403	487	532	355
ENSG00000118418	682	810	657	565
ENSG00000118420	76	71	59	40
ENSG00000118432	0	0	0	0
ENSG00000118434	0	0	0	0
ENSG00000118454	749	784	945	655
ENSG00000118473	595	725	1693	565
ENSG00000118482	1822	2249	2255	1904
ENSG00000118491	0	1	0	0
ENSG00000118492	8	10	29	11
ENSG00000118495	1766	1614	1543	1498
ENSG00000118496	810	1014	1077	734
ENSG00000118503	289	390	357	243
ENSG00000118507	68	86	106	70
ENSG00000118508	981	909	788	680
ENSG00000118513	1	3	1	0
ENSG00000118514	7	11	9	18
ENSG00000118515	1805	2219	2936	2761
ENSG00000118518	1129	1206	1142	1111
ENSG00000118520	0	0	0	0
ENSG00000118523	2977	7703	9960	8216
ENSG00000118526	7337	5999	6453	6763
ENSG00000118557	3	10	9	6
ENSG00000118564	999	1031	1030	891
ENSG00000118579	1377	1311	1469	994
ENSG00000118596	1179	1344	1528	925
ENSG00000118600	313	265	298	274
ENSG00000118620	101	124	129	104
ENSG00000118640	23	41	11	39
ENSG00000118655	118	149	158	108
ENSG00000118680	4434	6573	5193	4422
ENSG00000118689	3407	3245	3769	2950
ENSG00000118690	36	70	85	41
ENSG00000118702	0	0	0	0
ENSG00000118705	4901	6785	6338	4413
ENSG00000118707	295	313	421	243
ENSG00000118729	75	19	6	2
ENSG00000118733	0	0	0	0
ENSG00000118762	1939	4588	3136	2419
ENSG00000118777	32	31	38	34
ENSG00000118785	0	0	2	1

ENSG00000118804	338	370	170	350
ENSG00000118816	4605	5463	5999	4637
ENSG00000118849	2819	6112	476	2219
ENSG00000118855	3291	3142	1850	2227
ENSG00000118873	1441	1567	1582	1350
ENSG00000118894	148	160	190	95
ENSG00000118898	5781	6461	3199	5281
ENSG00000118900	1550	1184	1678	1119
ENSG00000118903	0	0	0	0
ENSG00000118922	812	1037	1049	809
ENSG00000118939	339	395	492	317
ENSG00000118946	0	2	2	0
ENSG00000118960	1056	1034	941	878
ENSG00000118961	372	439	450	281
ENSG00000118965	476	461	574	516
ENSG00000118971	4679	4527	3684	3017
ENSG00000118972	14	18	22	5
ENSG00000118976	0	0	1	0
ENSG00000118985	5402	6540	8977	4165
ENSG00000118990	0	0	0	0
ENSG00000118997	70	114	134	200
ENSG00000119004	702	925	694	592
ENSG00000119013	497	446	410	340
ENSG00000119041	727	964	780	609
ENSG00000119042	326	222	414	423
ENSG00000119048	1356	1266	1384	1159
ENSG00000119121	15	20	15	2
ENSG00000119125	14	10	11	13
ENSG00000119138	749	772	743	490
ENSG00000119139	1918	3541	2398	1922
ENSG00000119147	0	1	3	0
ENSG00000119185	2171	1364	1959	1562
ENSG00000119203	650	756	761	513
ENSG00000119227	226	150	126	135
ENSG00000119231	569	693	913	791
ENSG00000119242	261	316	365	231
ENSG00000119280	1754	3644	2403	2254
ENSG00000119283	6	10	3	7
ENSG00000119285	1405	1572	1619	1165
ENSG00000119314	666	785	877	603
ENSG00000119318	6024	12380	9466	5136
ENSG00000119321	1266	1525	1522	1058
ENSG00000119326	1072	2720	1606	1080

ENSG00000119328	284	299	370	308
ENSG00000119333	415	482	352	327
ENSG00000119335	3718	4975	5543	3802
ENSG00000119383	2168	2511	2228	1508
ENSG00000119392	656	732	598	503
ENSG00000119396	1833	2234	2187	1553
ENSG00000119397	276	282	336	248
ENSG00000119401	768	753	879	642
ENSG00000119402	2108	2574	2176	1828
ENSG00000119403	893	837	594	639
ENSG00000119408	3116	3060	3972	2532
ENSG00000119411	1	3	3	2
ENSG00000119414	1047	1277	1241	845
ENSG00000119421	382	475	461	319
ENSG00000119431	199	151	68	113
ENSG00000119440	0	0	0	0
ENSG00000119446	368	554	624	390
ENSG00000119457	0	2	2	3
ENSG00000119471	1523	1893	1874	1616
ENSG00000119487	3017	3678	2663	2584
ENSG00000119508	103	63	100	87
ENSG00000119509	365	380	449	276
ENSG00000119514	731	925	304	571
ENSG00000119522	396	576	566	473
ENSG00000119523	693	830	833	627
ENSG00000119535	2	11	8	20
ENSG00000119537	2365	2344	2263	2273
ENSG00000119541	1224	1453	1426	1183
ENSG00000119547	2	3	4	0
ENSG00000119559	518	506	455	419
ENSG00000119574	319	381	257	248
ENSG00000119596	2318	2600	2783	2094
ENSG00000119599	172	245	249	244
ENSG00000119608	15	26	14	12
ENSG00000119614	0	0	0	0
ENSG00000119616	936	1101	1061	845
ENSG00000119630	926	994	2101	427
ENSG00000119632	426	379	313	308
ENSG00000119636	179	237	168	184
ENSG00000119638	4320	4117	4453	3206
ENSG00000119640	148	161	259	131
ENSG00000119650	311	337	315	248
ENSG00000119655	3422	5171	5853	3975

ENSG00000119660	0	0	0	0
ENSG00000119661	306	277	378	226
ENSG00000119669	1401	1662	1804	1226
ENSG00000119673	295	330	383	288
ENSG00000119681	39428	41015	29511	29662
ENSG00000119682	1132	1534	1376	847
ENSG00000119684	350	461	395	372
ENSG00000119685	445	580	609	354
ENSG00000119686	40	103	75	24
ENSG00000119688	718	754	567	672
ENSG00000119689	3822	5599	5869	3122
ENSG00000119698	38	36	94	32
ENSG00000119699	202	296	253	243
ENSG00000119703	35	44	51	28
ENSG00000119705	310	311	315	249
ENSG00000119707	2469	3386	3521	2552
ENSG00000119711	469	524	465	361
ENSG00000119714	146	75	74	158
ENSG00000119715	0	3	3	1
ENSG00000119718	502	686	982	453
ENSG00000119720	377	461	444	367
ENSG00000119723	260	269	294	192
ENSG00000119725	732	714	793	588
ENSG00000119729	4464	5900	6895	4361
ENSG00000119737	6	21	24	13
ENSG00000119760	949	1034	1046	725
ENSG00000119771	690	1081	1128	686
ENSG00000119772	528	489	575	428
ENSG00000119777	2164	2178	2484	1763
ENSG00000119778	276	268	326	258
ENSG00000119782	36	74	56	43
ENSG00000119787	367	447	364	366
ENSG00000119801	2113	2473	2577	1996
ENSG00000119812	1252	929	1244	759
ENSG00000119820	1371	1186	1233	1201
ENSG00000119844	453	583	674	546
ENSG00000119862	53	24	53	39
ENSG00000119865	609	715	688	552
ENSG00000119866	2	4	5	5
ENSG00000119878	358	302	365	216
ENSG00000119888	0	1	1	0
ENSG00000119899	947	1689	1467	1158
ENSG00000119900	811	698	859	803

ENSG00000119906	961	994	1264	1006
ENSG00000119912	1010	1075	1223	1099
ENSG00000119913	0	0	0	0
ENSG00000119915	25	32	53	10
ENSG00000119917	1069	901	819	717
ENSG00000119919	0	0	0	0
ENSG00000119922	561	552	422	433
ENSG00000119927	423	437	393	334
ENSG00000119929	171	185	193	136
ENSG00000119938	4789	5646	4067	3356
ENSG00000119943	274	399	230	191
ENSG00000119946	66	53	67	39
ENSG00000119950	1653	1751	1710	1401
ENSG00000119953	530	636	719	604
ENSG00000119965	204	299	228	155
ENSG00000119969	90	130	97	110
ENSG00000119973	1	3	0	1
ENSG00000119977	2862	2958	2193	2527
ENSG00000119979	1313	1533	1812	1262
ENSG00000119986	653	887	853	475
ENSG00000120008	1972	2444	2157	1713
ENSG00000120029	641	672	677	561
ENSG00000120049	31	55	31	44
ENSG00000120051	12	15	18	17
ENSG00000120053	339	374	510	287
ENSG00000120054	0	0	0	0
ENSG00000120057	0	0	0	0
ENSG00000120063	1322	1213	1213	1076
ENSG00000120068	10	9	0	15
ENSG00000120071	77	209	114	31
ENSG00000120075	117	174	38	104
ENSG00000120088	0	0	0	0
ENSG00000120093	1135	1402	1415	1067
ENSG00000120094	0	0	0	0
ENSG00000120129	675	1203	798	698
ENSG00000120137	2244	1199	1273	1070
ENSG00000120149	221	94	132	408
ENSG00000120156	165	377	290	210
ENSG00000120158	116	122	121	87
ENSG00000120159	247	316	383	238
ENSG00000120160	0	0	0	0
ENSG00000120162	18	33	17	28
ENSG00000120210	3	3	2	4

ENSG00000120211	1	1	3	1
ENSG00000120215	4	13	12	9
ENSG00000120217	155	167	112	160
ENSG00000120235	0	0	0	0
ENSG00000120242	1	0	0	0
ENSG00000120251	0	0	0	5
ENSG00000120253	484	570	508	448
ENSG00000120254	1445	1963	2220	1670
ENSG00000120256	1079	1544	1208	1173
ENSG00000120262	69	98	142	118
ENSG00000120265	1041	1137	1066	736
ENSG00000120278	700	648	427	559
ENSG00000120279	7	5	4	2
ENSG00000120280	1	0	3	1
ENSG00000120289	0	0	0	0
ENSG00000120306	499	586	422	483
ENSG00000120314	595	619	736	541
ENSG00000120318	325	372	404	435
ENSG00000120322	30	54	70	19
ENSG00000120324	77	73	155	57
ENSG00000120327	90	114	228	103
ENSG00000120328	16	26	26	12
ENSG00000120329	0	0	0	0
ENSG00000120332	1	0	0	2
ENSG00000120333	465	483	411	394
ENSG00000120334	125	106	106	126
ENSG00000120337	2	3	0	2
ENSG00000120341	369	423	224	294
ENSG00000120370	326	417	561	416
ENSG00000120436	0	0	0	0
ENSG00000120437	198	216	211	171
ENSG00000120438	2945	3027	3119	2329
ENSG00000120440	1	1	0	1
ENSG00000120451	4130	3021	4116	2620
ENSG00000120457	11	14	14	15
ENSG00000120458	182	219	288	195
ENSG00000120471	0	0	0	0
ENSG00000120498	0	1	0	2
ENSG00000120500	1	13	19	7
ENSG00000120509	596	742	726	438
ENSG00000120519	130	111	166	150
ENSG00000120526	203	225	215	176
ENSG00000120533	668	819	802	570

ENSG00000120539	184	287	280	204
ENSG00000120549	46	86	90	50
ENSG00000120555	2	2	1	1
ENSG00000120563	0	0	0	0
ENSG00000120594	806	954	640	696
ENSG00000120616	549	596	625	473
ENSG00000120645	7	16	11	27
ENSG00000120647	122	202	166	151
ENSG00000120656	449	582	685	415
ENSG00000120658	277	243	352	168
ENSG00000120659	0	1	0	0
ENSG00000120662	137	155	153	108
ENSG00000120669	51	31	9	28
ENSG00000120675	689	647	602	576
ENSG00000120685	478	686	562	433
ENSG00000120686	1887	2085	2295	1742
ENSG00000120688	323	410	447	308
ENSG00000120690	1106	1203	1086	963
ENSG00000120693	296	520	651	568
ENSG00000120694	1175	1384	1831	1351
ENSG00000120696	191	241	197	163
ENSG00000120697	404	478	562	378
ENSG00000120699	304	183	244	256
ENSG00000120705	2576	3077	3659	2504
ENSG00000120708	6433	13589	23193	12058
ENSG00000120709	1463	1391	1522	1189
ENSG00000120725	1066	1300	1374	1035
ENSG00000120727	1071	1340	1393	928
ENSG00000120729	4	1	7	0
ENSG00000120733	1897	2291	2308	1525
ENSG00000120738	923	790	878	1059
ENSG00000120742	2076	2191	1862	2249
ENSG00000120756	13	20	18	15
ENSG00000120784	242	243	198	177
ENSG00000120798	431	576	630	481
ENSG00000120800	730	710	831	625
ENSG00000120802	654	747	803	517
ENSG00000120805	2340	3065	2943	2326
ENSG00000120820	976	1441	1332	988
ENSG00000120832	248	348	228	255
ENSG00000120833	85	115	169	88
ENSG00000120837	816	2382	1096	1165
ENSG00000120860	894	1076	1079	696

ENSG00000120868	621	558	602	519
ENSG00000120875	12	5	6	1
ENSG00000120885	14445	23515	16649	12972
ENSG00000120889	3315	2973	3364	2279
ENSG00000120896	3145	3845	2850	3012
ENSG00000120899	232	381	286	197
ENSG00000120903	1	1	1	0
ENSG00000120907	1	3	5	6
ENSG00000120910	338	359	435	291
ENSG00000120913	3041	3286	2463	2486
ENSG00000120915	68	99	30	42
ENSG00000120925	640	669	749	538
ENSG00000120937	0	0	0	0
ENSG00000120942	225	231	282	222
ENSG00000120948	2712	3408	3750	2285
ENSG00000120949	1	4	0	0
ENSG00000120952	0	0	0	0
ENSG00000120963	803	973	786	728
ENSG00000120992	441	556	470	404
ENSG00000121005	22	7	0	12
ENSG00000121022	870	1052	1140	867
ENSG00000121039	6798	14610	8541	5506
ENSG00000121053	1	4	2	1
ENSG00000121057	363	450	439	467
ENSG00000121058	311	257	310	251
ENSG00000121060	1678	1928	2137	1966
ENSG00000121064	2645	3372	3108	2633
ENSG00000121067	977	1119	938	916
ENSG00000121068	3256	3022	2972	2939
ENSG00000121073	535	511	581	394
ENSG00000121075	607	1114	403	691
ENSG00000121089	8	0	8	1
ENSG00000121101	2	5	10	5
ENSG00000121104	205	263	214	166
ENSG00000121152	15	12	8	11
ENSG00000121207	18	16	7	75
ENSG00000121210	429	793	677	452
ENSG00000121211	3	9	2	6
ENSG00000121236	180	253	222	187
ENSG00000121270	9	2	16	5
ENSG00000121274	336	348	380	273
ENSG00000121281	261	287	166	261
ENSG00000121289	685	573	738	461

ENSG00000121297	1197	1026	1084	783
ENSG00000121310	791	1385	1140	892
ENSG00000121314	0	0	0	0
ENSG00000121316	55	49	42	47
ENSG00000121318	1	3	1	2
ENSG00000121335	1	0	3	2
ENSG00000121350	289	338	385	315
ENSG00000121351	0	3	2	2
ENSG00000121361	131	250	135	192
ENSG00000121377	0	0	0	0
ENSG00000121380	3	2	2	0
ENSG00000121381	0	0	0	0
ENSG00000121388	0	0	0	0
ENSG00000121390	689	680	698	612
ENSG00000121406	193	206	175	170
ENSG00000121410	263	169	93	160
ENSG00000121413	669	1006	849	637
ENSG00000121417	171	306	324	190
ENSG00000121440	2919	3028	2554	3283
ENSG00000121446	9	1	1	1
ENSG00000121454	98	116	135	85
ENSG00000121481	364	394	495	364
ENSG00000121486	574	737	652	551
ENSG00000121542	307	406	373	334
ENSG00000121552	93	177	19	43
ENSG00000121570	18	20	21	12
ENSG00000121577	8	24	25	24
ENSG00000121578	421	619	595	423
ENSG00000121579	2690	2396	3674	2135
ENSG00000121594	0	2	0	3
ENSG00000121621	55	48	62	39
ENSG00000121634	0	0	0	0
ENSG00000121644	1345	1432	1772	1127
ENSG00000121653	349	338	299	301
ENSG00000121671	569	764	774	545
ENSG00000121680	248	321	264	196
ENSG00000121690	125	137	109	100
ENSG00000121691	1692	1565	1778	1578
ENSG00000121716	335	348	336	302
ENSG00000121741	1580	1628	2243	1293
ENSG00000121742	0	0	0	0
ENSG00000121743	135	37	44	394
ENSG00000121749	1002	1182	1245	1007

ENSG00000121753	595	622	737	737
ENSG00000121764	0	0	0	0
ENSG00000121766	573	711	668	467
ENSG00000121769	72	100	121	141
ENSG00000121774	2595	2234	2092	2001
ENSG00000121775	332	294	287	212
ENSG00000121797	0	0	0	0
ENSG00000121807	0	0	0	0
ENSG00000121851	477	642	591	485
ENSG00000121853	0	0	0	0
ENSG00000121858	258	519	327	273
ENSG00000121864	475	418	518	383
ENSG00000121871	0	0	0	0
ENSG00000121879	1068	883	1077	961
ENSG00000121892	2374	2671	2669	2293
ENSG00000121895	10	2	10	5
ENSG00000121897	147	129	161	120
ENSG00000121898	1707	4668	2131	3260
ENSG00000121900	538	504	433	281
ENSG00000121903	140	162	150	132
ENSG00000121904	925	730	950	627
ENSG00000121905	2	4	7	2
ENSG00000121931	245	348	191	242
ENSG00000121933	3	0	1	1
ENSG00000121940	729	1135	1224	831
ENSG00000121957	601	392	763	321
ENSG00000121964	426	365	526	284
ENSG00000121966	0	0	0	0
ENSG00000121988	137	168	138	113
ENSG00000121989	189	324	255	289
ENSG00000122008	623	744	778	624
ENSG00000122012	9	1	5	2
ENSG00000122025	0	0	0	1
ENSG00000122026	8865	11116	10928	7662
ENSG00000122033	422	617	576	392
ENSG00000122034	713	838	868	594
ENSG00000122035	349	509	193	312
ENSG00000122042	1121	1200	1239	1183
ENSG00000122068	1346	1535	1697	1245
ENSG00000122085	521	698	705	518
ENSG00000122121	417	482	117	437
ENSG00000122122	0	0	1	0
ENSG00000122126	1207	1508	1504	1127

ENSG00000122133	0	0	0	3
ENSG00000122136	0	0	0	0
ENSG00000122140	511	507	630	436
ENSG00000122145	0	0	0	0
ENSG00000122176	16233	22555	12598	14975
ENSG00000122180	0	0	0	0
ENSG00000122188	9	5	1	5
ENSG00000122194	16	25	22	8
ENSG00000122203	2333	2948	3209	1950
ENSG00000122218	7314	8974	8361	6263
ENSG00000122223	0	0	0	0
ENSG00000122224	7	6	12	5
ENSG00000122254	1	1	2	1
ENSG00000122257	1332	1219	1408	1282
ENSG00000122299	1397	1514	1404	953
ENSG00000122304	0	0	0	0
ENSG00000122335	888	1349	1360	1040
ENSG00000122359	7105	8532	7819	6378
ENSG00000122367	8	13	11	11
ENSG00000122375	0	0	0	0
ENSG00000122376	391	397	389	317
ENSG00000122378	184	82	84	71
ENSG00000122386	239	223	212	164
ENSG00000122390	644	810	837	691
ENSG00000122406	14285	14179	14958	10595
ENSG00000122417	751	687	647	552
ENSG00000122420	2598	1850	3584	1473
ENSG00000122432	15	9	12	14
ENSG00000122435	314	283	339	272
ENSG00000122477	20	21	24	16
ENSG00000122481	177	195	190	167
ENSG00000122482	664	732	775	594
ENSG00000122483	128	115	89	99
ENSG00000122484	1063	931	983	703
ENSG00000122490	685	670	710	651
ENSG00000122507	624	709	820	518
ENSG00000122512	314	316	315	258
ENSG00000122515	1062	1397	1225	859
ENSG00000122543	3	1	1	3
ENSG00000122545	7499	11555	7861	7603
ENSG00000122547	205	174	304	263
ENSG00000122550	894	811	883	722
ENSG00000122557	774	1038	868	646

ENSG00000122565	2245	2131	2540	1849
ENSG00000122566	8480	8947	7813	6402
ENSG00000122574	8	3	2	5
ENSG00000122584	0	0	0	0
ENSG00000122585	0	0	0	0
ENSG00000122591	4082	3476	4120	3633
ENSG00000122592	1	0	0	2
ENSG00000122641	543	725	838	464
ENSG00000122642	5776	9646	6857	6724
ENSG00000122643	239	248	237	292
ENSG00000122644	173	306	230	177
ENSG00000122674	808	1623	1163	631
ENSG00000122678	418	477	331	316
ENSG00000122679	41	11	2	10
ENSG00000122687	290	455	402	297
ENSG00000122691	579	505	523	409
ENSG00000122692	1310	1437	1461	1097
ENSG00000122694	1470	1304	1447	1375
ENSG00000122696	311	265	321	227
ENSG00000122705	2435	2616	2728	2315
ENSG00000122707	11099	16294	10925	14926
ENSG00000122711	0	1	0	0
ENSG00000122718	0	0	0	0
ENSG00000122728	1	3	0	0
ENSG00000122729	2800	3471	4375	2478
ENSG00000122733	2	22	6	41
ENSG00000122735	1	3	1	3
ENSG00000122741	946	1364	1185	832
ENSG00000122756	0	0	0	3
ENSG00000122778	323	282	507	200
ENSG00000122779	306	357	414	241
ENSG00000122783	495	705	843	618
ENSG00000122786	15994	22515	22148	14035
ENSG00000122787	2	2	5	2
ENSG00000122824	15	6	7	3
ENSG00000122852	0	0	0	0
ENSG00000122859	0	0	0	0
ENSG00000122861	991	1785	838	699
ENSG00000122862	201	334	275	69
ENSG00000122863	773	777	805	830
ENSG00000122870	3735	5100	4655	3708
ENSG00000122872	0	1	0	0
ENSG00000122873	263	276	358	176

ENSG00000122877	35	30	29	32
ENSG00000122882	467	576	544	441
ENSG00000122884	3536	3569	3038	2668
ENSG00000122912	265	454	391	343
ENSG00000122952	76	98	82	61
ENSG00000122958	1422	1409	1636	1129
ENSG00000122965	640	652	816	571
ENSG00000122966	461	501	692	342
ENSG00000122970	428	575	590	407
ENSG00000122971	292	457	306	449
ENSG00000122986	76	85	153	78
ENSG00000123009	0	0	0	0
ENSG00000123064	760	901	1004	749
ENSG00000123066	3214	3237	3354	3417
ENSG00000123080	527	634	577	396
ENSG00000123091	2272	2997	3059	2360
ENSG00000123094	770	996	1402	1041
ENSG00000123095	88	77	119	158
ENSG00000123096	594	903	721	720
ENSG00000123104	193	178	181	130
ENSG00000123106	401	481	503	444
ENSG00000123119	82	96	60	91
ENSG00000123124	876	949	1179	781
ENSG00000123130	820	989	832	758
ENSG00000123131	1734	1519	1906	1342
ENSG00000123136	421	327	339	323
ENSG00000123143	2782	3294	2314	2861
ENSG00000123144	1489	1664	1585	1348
ENSG00000123146	519	684	370	967
ENSG00000123154	131	139	123	125
ENSG00000123159	1245	1282	1228	991
ENSG00000123165	0	0	0	0
ENSG00000123171	0	0	0	0
ENSG00000123178	170	144	185	154
ENSG00000123179	329	316	318	281
ENSG00000123191	124	143	97	66
ENSG00000123200	3149	3299	3728	2603
ENSG00000123201	0	0	0	0
ENSG00000123213	398	401	493	425
ENSG00000123219	59	52	43	55
ENSG00000123240	4725	7416	5941	4570
ENSG00000123243	24435	29495	1216	19845
ENSG00000123268	440	556	582	404

ENSG00000123297	282	365	292	220
ENSG00000123307	0	0	0	0
ENSG00000123329	3	1	0	3
ENSG00000123338	25	55	35	1
ENSG00000123342	640	561	650	521
ENSG00000123349	3991	5639	5072	3131
ENSG00000123352	747	877	1040	628
ENSG00000123353	150	292	232	145
ENSG00000123358	162	139	139	152
ENSG00000123360	4	5	5	9
ENSG00000123364	0	0	0	0
ENSG00000123374	465	258	366	226
ENSG00000123384	92319	108951	91557	87569
ENSG00000123388	0	0	0	0
ENSG00000123395	611	601	636	475
ENSG00000123405	13	34	25	21
ENSG00000123407	0	0	0	0
ENSG00000123411	293	344	316	289
ENSG00000123415	271	358	318	205
ENSG00000123416	13781	13278	9772	7759
ENSG00000123427	210	119	183	175
ENSG00000123444	435	555	422	425
ENSG00000123447	0	0	0	0
ENSG00000123453	33	52	22	56
ENSG00000123454	2	2	3	2
ENSG00000123472	747	947	1033	715
ENSG00000123473	103	139	148	91
ENSG00000123485	28	18	18	24
ENSG00000123496	150	394	173	325
ENSG00000123500	4	16	106	8
ENSG00000123505	551	679	570	416
ENSG00000123545	165	104	159	136
ENSG00000123552	274	293	286	220
ENSG00000123560	20	6	11	12
ENSG00000123561	0	0	0	0
ENSG00000123562	3535	3676	4080	2997
ENSG00000123569	0	0	0	0
ENSG00000123570	46	107	71	64
ENSG00000123572	54	82	38	80
ENSG00000123575	691	744	696	536
ENSG00000123576	0	0	0	0
ENSG00000123584	0	0	0	0
ENSG00000123594	0	0	0	0

ENSG00000123595	579	588	627	526
ENSG00000123600	530	586	836	533
ENSG00000123607	369	484	510	369
ENSG00000123609	294	284	316	228
ENSG00000123610	432	316	1130	463
ENSG00000123612	43	31	21	46
ENSG00000123636	726	946	1125	715
ENSG00000123643	579	595	652	591
ENSG00000123684	917	1235	1238	851
ENSG00000123685	14	23	24	14
ENSG00000123689	35	126	91	69
ENSG00000123700	884	752	1351	936
ENSG00000123728	529	665	742	612
ENSG00000123737	349	407	591	285
ENSG00000123739	586	772	920	700
ENSG00000123810	63	53	58	62
ENSG00000123815	493	482	403	403
ENSG00000123836	340	422	366	314
ENSG00000123838	5	8	6	0
ENSG00000123843	19	36	43	32
ENSG00000123870	30	21	95	16
ENSG00000123892	27	66	44	14
ENSG00000123901	5	11	10	4
ENSG00000123908	1485	1487	2081	1103
ENSG00000123933	4724	4095	4282	3263
ENSG00000123965	4	4	36	6
ENSG00000123975	246	264	361	183
ENSG00000123977	0	6	7	3
ENSG00000123983	3382	4254	2956	2510
ENSG00000123989	2220	3880	3245	2439
ENSG00000123992	2100	1923	1994	1521
ENSG00000123999	10	16	18	14
ENSG00000124003	1	0	0	1
ENSG00000124006	1506	1488	1443	1538
ENSG00000124019	5	1	2	3
ENSG00000124067	2120	1987	1910	1648
ENSG00000124074	244	324	265	243
ENSG00000124089	0	0	0	0
ENSG00000124091	7	9	7	5
ENSG00000124092	10	10	15	13
ENSG00000124097	2	1	1	0
ENSG00000124098	3384	2775	2804	2901
ENSG00000124102	0	0	1	0

ENSG00000124103	5	4	2	4
ENSG00000124104	1706	1736	1110	1296
ENSG00000124107	27	15	6	10
ENSG00000124116	23	36	5	3
ENSG00000124120	806	1005	1035	744
ENSG00000124126	153	270	356	325
ENSG00000124134	49	24	109	20
ENSG00000124140	11	9	11	4
ENSG00000124143	0	0	0	0
ENSG00000124145	6224	9376	5481	5756
ENSG00000124151	868	1093	1133	824
ENSG00000124155	5142	5965	6346	4056
ENSG00000124157	0	0	0	0
ENSG00000124159	2	6	2	4
ENSG00000124160	768	671	794	667
ENSG00000124164	1255	1186	1533	940
ENSG00000124171	22	31	15	15
ENSG00000124172	2723	3006	2377	1911
ENSG00000124177	1305	1750	2251	1762
ENSG00000124181	1613	1820	2071	1344
ENSG00000124191	305	124	384	216
ENSG00000124193	2788	3442	3860	2515
ENSG00000124194	7	1	2	0
ENSG00000124196	0	0	0	0
ENSG00000124198	1517	1636	1561	1492
ENSG00000124201	3186	3744	3556	2748
ENSG00000124203	0	0	0	0
ENSG00000124205	0	0	0	0
ENSG00000124207	1354	1566	1509	1155
ENSG00000124208	260	321	115	186
ENSG00000124209	1115	1455	1418	1153
ENSG00000124212	11274	19950	6128	14411
ENSG00000124214	2861	3594	3566	2971
ENSG00000124215	4	6	1	7
ENSG00000124216	84	73	107	74
ENSG00000124217	218	231	196	198
ENSG00000124222	1826	2145	2362	1695
ENSG00000124224	267	294	332	251
ENSG00000124225	225	154	382	85
ENSG00000124226	1793	2175	2200	1878
ENSG00000124227	0	0	0	0
ENSG00000124228	870	996	1063	743
ENSG00000124232	0	0	0	0

ENSG00000124233	0	0	0	0
ENSG00000124237	0	0	0	0
ENSG00000124243	382	520	413	387
ENSG00000124249	117	570	472	178
ENSG00000124251	15	9	21	6
ENSG00000124253	1	3	0	2
ENSG00000124256	5	8	9	8
ENSG00000124257	92	88	72	67
ENSG00000124260	5	5	4	5
ENSG00000124275	674	450	705	513
ENSG00000124279	122	101	146	121
ENSG00000124299	1694	1806	2109	1626
ENSG00000124302	0	0	0	0
ENSG00000124313	307	390	324	260
ENSG00000124333	942	1197	1051	835
ENSG00000124334	0	4	0	0
ENSG00000124343	1184	1219	1434	910
ENSG00000124356	691	731	816	496
ENSG00000124357	1594	1607	1372	1358
ENSG00000124370	178	199	189	183
ENSG00000124374	20	23	29	17
ENSG00000124380	518	583	674	440
ENSG00000124383	490	617	704	483
ENSG00000124391	0	0	1	0
ENSG00000124399	0	0	0	0
ENSG00000124406	45	27	68	23
ENSG00000124422	5791	6331	7284	5602
ENSG00000124429	0	1	1	0
ENSG00000124440	61	138	43	134
ENSG00000124444	198	188	202	185
ENSG00000124449	0	0	1	0
ENSG00000124459	302	380	329	233
ENSG00000124466	18	48	33	28
ENSG00000124467	0	28	1	4
ENSG00000124469	5	4	4	10
ENSG00000124479	11	5	1	1
ENSG00000124486	4398	6099	5084	4806
ENSG00000124490	0	0	0	0
ENSG00000124491	0	0	0	0
ENSG00000124493	2	25	2	0
ENSG00000124496	633	774	674	549
ENSG00000124507	4	7	0	1
ENSG00000124508	244	394	265	240

ENSG00000124523	199	239	237	211
ENSG00000124532	334	404	408	271
ENSG00000124535	804	841	777	689
ENSG00000124541	510	508	618	415
ENSG00000124549	133	204	175	142
ENSG00000124557	1	0	0	0
ENSG00000124562	785	774	802	553
ENSG00000124564	0	0	0	0
ENSG00000124568	0	0	0	0
ENSG00000124570	1833	1924	2247	1445
ENSG00000124571	670	713	696	470
ENSG00000124574	544	763	450	520
ENSG00000124575	1	1	0	2
ENSG00000124587	945	499	603	648
ENSG00000124588	462	393	450	328
ENSG00000124593	114	112	121	92
ENSG00000124596	336	399	401	311
ENSG00000124602	4	3	2	12
ENSG00000124608	618	561	525	345
ENSG00000124610	0	0	0	0
ENSG00000124613	117	122	236	122
ENSG00000124614	11595	9586	8802	6977
ENSG00000124615	532	459	604	294
ENSG00000124635	41	37	27	38
ENSG00000124641	403	442	424	275
ENSG00000124657	0	0	1	0
ENSG00000124659	492	549	493	362
ENSG00000124664	0	0	0	0
ENSG00000124678	0	3	4	3
ENSG00000124688	266	312	301	242
ENSG00000124701	1	0	2	0
ENSG00000124702	929	903	911	754
ENSG00000124713	4	7	8	4
ENSG00000124721	0	1	0	2
ENSG00000124731	2	0	0	0
ENSG00000124733	816	1040	1049	656
ENSG00000124743	4	2	3	2
ENSG00000124749	137	148	119	139
ENSG00000124762	14836	10065	13006	8035
ENSG00000124766	2536	2053	2771	1869
ENSG00000124767	1467	1924	1832	1238
ENSG00000124772	12	11	5	10
ENSG00000124780	1	0	0	2

ENSG00000124782	650	697	718	597
ENSG00000124783	3228	3745	3266	2570
ENSG00000124784	341	316	407	286
ENSG00000124785	6	26	11	12
ENSG00000124786	672	650	690	649
ENSG00000124787	61	55	95	71
ENSG00000124788	1666	1880	1396	1535
ENSG00000124789	1265	1210	1250	1034
ENSG00000124795	2237	3205	3456	2508
ENSG00000124802	148	142	184	98
ENSG00000124812	0	0	0	0
ENSG00000124813	119	107	253	148
ENSG00000124818	0	0	0	0
ENSG00000124827	1	0	1	1
ENSG00000124831	1597	2054	1866	2004
ENSG00000124839	3	3	15	1
ENSG00000124875	10	5	87	2
ENSG00000124882	4	9	32	12
ENSG00000124900	0	0	0	0
ENSG00000124920	20	14	20	16
ENSG00000124935	0	0	0	0
ENSG00000124939	0	0	0	0
ENSG00000124942	89888	106013	87621	82619
ENSG00000125037	1066	1347	1458	946
ENSG00000125046	27	32	17	15
ENSG00000125084	0	0	0	0
ENSG00000125089	4	18	9	2
ENSG00000125107	3853	4410	4677	3671
ENSG00000125122	45	60	30	55
ENSG00000125124	1257	1411	1423	1067
ENSG00000125144	0	20	4	1
ENSG00000125148	1745	1351	1345	1180
ENSG00000125149	334	364	466	304
ENSG00000125166	946	848	1123	611
ENSG00000125170	397	619	366	454
ENSG00000125207	0	0	0	0
ENSG00000125245	0	0	0	1
ENSG00000125246	18	35	40	28
ENSG00000125247	470	242	398	322
ENSG00000125249	906	672	931	699
ENSG00000125255	0	0	1	0
ENSG00000125257	1257	906	1832	716
ENSG00000125266	969	1681	411	1400

ENSG00000125285	0	0	0	0
ENSG00000125304	3159	3153	3041	2906
ENSG00000125319	34	24	17	39
ENSG00000125337	1	1	2	1
ENSG00000125347	612	789	604	548
ENSG00000125351	259	308	413	221
ENSG00000125352	178	176	190	143
ENSG00000125354	232	251	328	273
ENSG00000125355	10	10	6	5
ENSG00000125356	642	759	775	569
ENSG00000125363	0	0	0	0
ENSG00000125375	385	553	611	349
ENSG00000125378	3022	3818	2174	2094
ENSG00000125384	322	283	299	189
ENSG00000125385	0	0	0	0
ENSG00000125386	670	780	788	712
ENSG00000125388	123	170	197	130
ENSG00000125398	860	1045	548	933
ENSG00000125409	19	14	2	15
ENSG00000125414	0	0	0	1
ENSG00000125430	202	281	274	219
ENSG00000125434	112	104	111	99
ENSG00000125445	439	515	512	336
ENSG00000125447	581	738	623	469
ENSG00000125449	154	177	213	160
ENSG00000125450	424	406	435	424
ENSG00000125454	78	94	59	67
ENSG00000125457	140	185	142	175
ENSG00000125458	316	359	322	225
ENSG00000125459	363	425	427	269
ENSG00000125462	6	4	9	7
ENSG00000125482	251	422	333	296
ENSG00000125484	1129	1107	1077	978
ENSG00000125485	160	190	222	203
ENSG00000125492	1	0	0	0
ENSG00000125498	0	0	0	0
ENSG00000125503	1966	2582	2304	1872
ENSG00000125505	735	796	1326	693
ENSG00000125508	2	0	1	3
ENSG00000125510	47	73	80	67
ENSG00000125520	1449	1363	1326	879
ENSG00000125522	0	0	0	0
ENSG00000125531	14	25	13	16

ENSG00000125533	0	0	0	0
ENSG00000125534	2237	2872	2479	1871
ENSG00000125538	0	0	5	1
ENSG00000125551	30	27	25	14
ENSG00000125571	0	0	0	0
ENSG00000125611	207	205	179	149
ENSG00000125618	6	49	119	4
ENSG00000125629	524	381	359	376
ENSG00000125630	267	275	341	323
ENSG00000125631	1	2	2	0
ENSG00000125633	1863	1999	2203	1723
ENSG00000125637	118	164	124	71
ENSG00000125648	1531	1911	2120	1294
ENSG00000125650	63	51	56	43
ENSG00000125651	1646	1799	1719	1363
ENSG00000125652	304	275	217	231
ENSG00000125656	454	539	586	382
ENSG00000125657	20	24	21	24
ENSG00000125675	441	557	577	619
ENSG00000125676	1263	1838	2076	1435
ENSG00000125686	1380	1556	1545	1226
ENSG00000125691	13208	14096	13151	9566
ENSG00000125695	0	0	8	0
ENSG00000125703	283	292	282	186
ENSG00000125726	0	0	0	0
ENSG00000125730	7242	14772	6080	8141
ENSG00000125731	44	41	60	36
ENSG00000125733	1624	1699	1750	1354
ENSG00000125734	1077	1195	1789	1164
ENSG00000125735	15	28	7	6
ENSG00000125740	17	18	24	29
ENSG00000125741	595	621	539	477
ENSG00000125743	1934	2241	2041	1493
ENSG00000125744	336	402	442	367
ENSG00000125746	529	554	588	423
ENSG00000125753	952	1076	755	686
ENSG00000125755	1623	1343	1316	1008
ENSG00000125772	223	402	555	451
ENSG00000125775	29	25	63	40
ENSG00000125779	694	800	653	581
ENSG00000125780	0	0	0	1
ENSG00000125787	2	1	2	1
ENSG00000125788	0	0	0	0

ENSG00000125798	0	0	0	0
ENSG00000125810	0	7	5	3
ENSG00000125812	295	297	441	267
ENSG00000125813	0	0	0	0
ENSG00000125814	195	254	240	192
ENSG00000125815	0	0	0	0
ENSG00000125816	0	0	0	0
ENSG00000125817	2095	1979	1969	1672
ENSG00000125818	1878	2255	1929	1203
ENSG00000125820	0	0	0	0
ENSG00000125821	491	638	580	429
ENSG00000125823	2	0	2	1
ENSG00000125826	1526	1623	1686	1246
ENSG00000125827	1931	2158	1962	1974
ENSG00000125831	0	0	0	0
ENSG00000125834	503	571	689	463
ENSG00000125835	895	769	698	666
ENSG00000125841	1181	1566	1486	1118
ENSG00000125843	328	400	320	305
ENSG00000125844	12250	14352	14797	9418
ENSG00000125845	148	78	149	118
ENSG00000125846	283	354	339	195
ENSG00000125848	285	317	461	287
ENSG00000125850	0	0	0	0
ENSG00000125851	2056	1581	1563	380
ENSG00000125861	0	0	0	0
ENSG00000125863	519	622	667	544
ENSG00000125864	29	95	54	53
ENSG00000125868	8618	17015	12902	9708
ENSG00000125869	1	1	0	1
ENSG00000125870	597	651	708	470
ENSG00000125871	275	340	280	279
ENSG00000125872	1	1	0	1
ENSG00000125875	2023	1860	1950	1476
ENSG00000125877	452	383	331	367
ENSG00000125878	0	0	0	0
ENSG00000125879	0	0	0	0
ENSG00000125885	147	183	186	161
ENSG00000125888	0	0	0	0
ENSG00000125895	1	1	3	3
ENSG00000125898	94	80	47	78
ENSG00000125900	0	0	0	0
ENSG00000125901	244	292	270	209

ENSG00000125903	0	0	0	0
ENSG00000125910	0	1	0	1
ENSG00000125912	1322	1410	1231	970
ENSG00000125931	0	0	2	1
ENSG00000125944	1000	1023	1185	803
ENSG00000125945	420	555	436	486
ENSG00000125952	1202	1218	1282	982
ENSG00000125954	79	40	61	67
ENSG00000125962	241	268	280	157
ENSG00000125965	747	1013	519	487
ENSG00000125966	38	86	93	32
ENSG00000125967	270	247	234	261
ENSG00000125968	34	51	51	33
ENSG00000125970	2380	2940	2462	2463
ENSG00000125971	1167	1701	1848	1197
ENSG00000125975	0	0	0	0
ENSG00000125977	1937	2465	2531	1930
ENSG00000125991	4423	4351	4304	3322
ENSG00000125995	440	398	386	318
ENSG00000125997	0	1	0	0
ENSG00000125998	8	1	4	7
ENSG00000125999	3	4	5	3
ENSG00000126001	1046	1052	1210	785
ENSG00000126003	372	348	430	278
ENSG00000126005	835	1326	1028	1031
ENSG00000126010	9	9	6	3
ENSG00000126012	1633	1973	1917	2142
ENSG00000126016	928	492	923	583
ENSG00000126062	1132	1487	1324	1072
ENSG00000126067	1203	1538	1633	1067
ENSG00000126070	714	456	781	383
ENSG00000126088	1134	1868	1422	1151
ENSG00000126091	267	249	283	206
ENSG00000126106	137	132	72	94
ENSG00000126107	1266	1312	1537	1016
ENSG00000126214	2400	2648	2585	2162
ENSG00000126215	129	152	173	164
ENSG00000126216	548	537	532	507
ENSG00000126217	9	7	11	0
ENSG00000126218	196	339	270	154
ENSG00000126226	803	1072	1158	735
ENSG00000126231	2	2	4	2
ENSG00000126233	0	1	1	0

ENSG00000126243	295	318	303	281
ENSG00000126246	28	43	12	30
ENSG00000126247	6352	7766	7711	5347
ENSG00000126249	51	66	59	45
ENSG00000126251	0	0	0	0
ENSG00000126254	958	1000	941	722
ENSG00000126259	0	0	0	0
ENSG00000126261	1393	1657	1983	1502
ENSG00000126262	6	3	1	3
ENSG00000126264	7	12	8	11
ENSG00000126266	1	2	3	3
ENSG00000126267	1402	1952	1766	1238
ENSG00000126337	0	1	1	0
ENSG00000126351	1834	1631	1823	1377
ENSG00000126353	29	25	31	14
ENSG00000126368	578	425	607	342
ENSG00000126391	607	538	485	561
ENSG00000126432	2447	3021	2496	2057
ENSG00000126453	126	123	138	95
ENSG00000126456	555	678	591	544
ENSG00000126457	1280	1444	1582	985
ENSG00000126458	1508	2170	1709	1593
ENSG00000126460	5	13	8	3
ENSG00000126461	1413	1387	1279	1122
ENSG00000126464	779	796	748	572
ENSG00000126467	8	9	9	7
ENSG00000126500	11	8	6	5
ENSG00000126522	463	490	299	362
ENSG00000126524	1925	3012	2588	1739
ENSG00000126545	1	0	0	0
ENSG00000126549	0	0	0	0
ENSG00000126550	12	20	16	9
ENSG00000126561	663	697	709	581
ENSG00000126562	31	12	43	54
ENSG00000126581	1349	1756	1592	1217
ENSG00000126583	3	3	0	0
ENSG00000126602	669	722	952	632
ENSG00000126603	298	422	387	221
ENSG00000126653	600	868	1001	670
ENSG00000126698	1900	2153	2332	1571
ENSG00000126705	768	750	756	729
ENSG00000126709	687	633	576	416
ENSG00000126733	1	4	0	0

ENSG00000126746	1064	1001	1100	844
ENSG00000126749	439	234	282	278
ENSG00000126752	0	0	0	0
ENSG00000126756	766	764	694	608
ENSG00000126759	11	7	6	7
ENSG00000126767	598	599	690	505
ENSG00000126768	229	235	224	182
ENSG00000126773	1956	1887	1964	1442
ENSG00000126775	884	1078	987	877
ENSG00000126777	5529	7484	8146	6155
ENSG00000126778	369	740	640	500
ENSG00000126785	1162	1585	620	945
ENSG00000126787	16	17	16	33
ENSG00000126790	489	587	487	420
ENSG00000126803	73	202	266	70
ENSG00000126804	782	824	779	607
ENSG00000126814	369	655	654	405
ENSG00000126821	532	646	602	467
ENSG00000126822	304	314	200	260
ENSG00000126838	0	14	0	0
ENSG00000126856	9	13	20	9
ENSG00000126858	586	593	601	494
ENSG00000126860	62	95	64	85
ENSG00000126861	464	599	697	320
ENSG00000126870	433	683	638	617
ENSG00000126878	116	308	94	127
ENSG00000126882	33	31	22	23
ENSG00000126883	1163	1390	1440	1016
ENSG00000126890	0	0	0	0
ENSG00000126895	0	0	0	1
ENSG00000126903	856	878	666	735
ENSG00000126934	2541	2921	3148	2340
ENSG00000126945	2162	2339	2427	1796
ENSG00000126947	1513	1240	1413	1300
ENSG00000126950	1251	1241	1037	1466
ENSG00000126952	0	0	0	0
ENSG00000126953	78	85	102	79
ENSG00000126970	191	258	292	191
ENSG00000127022	13539	16886	18527	12527
ENSG00000127054	1128	1221	1290	892
ENSG00000127074	0	2	10	2
ENSG00000127080	127	195	253	172
ENSG00000127081	73	110	102	70

ENSG00000127083	90	174	61	237
ENSG00000127084	0	2	0	0
ENSG00000127124	20	23	22	14
ENSG00000127125	500	606	572	487
ENSG00000127129	0	0	0	1
ENSG00000127152	0	1	0	0
ENSG00000127184	2828	2499	2080	1820
ENSG00000127191	183	197	173	144
ENSG00000127220	315	379	355	333
ENSG00000127241	6566	9645	9911	10830
ENSG00000127249	10	2	3	19
ENSG00000127252	0	2	0	1
ENSG00000127311	101	152	157	111
ENSG00000127314	2718	3730	4401	2667
ENSG00000127318	0	0	0	0
ENSG00000127324	5	3	0	5
ENSG00000127325	2	4	7	2
ENSG00000127328	67	39	75	49
ENSG00000127329	37	26	11	37
ENSG00000127334	820	638	929	829
ENSG00000127337	134	128	144	142
ENSG00000127362	1	3	2	0
ENSG00000127364	14	18	21	9
ENSG00000127366	5	12	9	8
ENSG00000127377	3	20	3	17
ENSG00000127399	8	11	7	13
ENSG00000127412	0	0	0	0
ENSG00000127415	695	543	514	449
ENSG00000127418	543	737	798	633
ENSG00000127419	459	446	588	369
ENSG00000127423	11	13	10	8
ENSG00000127445	633	753	673	558
ENSG00000127452	559	503	466	398
ENSG00000127463	1493	2264	1508	1251
ENSG00000127472	4	23	3	35
ENSG00000127481	8439	9282	10111	8430
ENSG00000127483	5197	5897	5890	4550
ENSG00000127507	13	11	14	10
ENSG00000127511	1273	1469	1644	1257
ENSG00000127515	0	0	0	0
ENSG00000127526	1348	1559	1502	959
ENSG00000127527	615	742	719	529
ENSG00000127528	110	236	108	69

ENSG00000127529	0	0	0	0
ENSG00000127530	0	0	0	0
ENSG00000127533	10	27	23	11
ENSG00000127540	1265	1013	1038	701
ENSG00000127554	385	351	342	312
ENSG00000127561	22	19	26	30
ENSG00000127564	21	6	7	9
ENSG00000127578	2	4	6	0
ENSG00000127580	320	375	329	311
ENSG00000127585	8	7	15	7
ENSG00000127586	83	129	103	119
ENSG00000127588	0	0	0	0
ENSG00000127589	6	5	3	1
ENSG00000127603	10932	14337	13001	9948
ENSG00000127616	1708	1731	2232	1253
ENSG00000127663	1422	1321	1492	1274
ENSG00000127666	246	301	235	201
ENSG00000127720	102	112	123	79
ENSG00000127743	0	1	2	0
ENSG00000127774	220	229	251	179
ENSG00000127780	0	0	0	0
ENSG00000127804	714	707	758	889
ENSG00000127824	430	348	494	362
ENSG00000127831	0	1	0	0
ENSG00000127837	1342	1674	1573	1115
ENSG00000127838	505	423	358	366
ENSG00000127863	1898	2213	3129	3250
ENSG00000127870	669	847	1031	624
ENSG00000127884	1252	1242	1346	968
ENSG00000127903	8	12	15	8
ENSG00000127914	1225	1872	1668	1310
ENSG00000127920	637	807	1220	619
ENSG00000127922	703	917	830	643
ENSG00000127928	0	3	11	0
ENSG00000127946	1287	1281	1241	1258
ENSG00000127947	1708	1642	1736	1222
ENSG00000127948	994	769	853	733
ENSG00000127951	76	318	124	660
ENSG00000127952	431	455	477	349
ENSG00000127954	37	44	12	44
ENSG00000127955	361	470	766	315
ENSG00000127957	57	87	69	62
ENSG00000127980	446	535	484	460

ENSG00000127989	177	205	151	119
ENSG00000127990	1569	2513	1789	1921
ENSG00000127993	236	253	252	198
ENSG00000127995	343	373	376	325
ENSG00000128000	172	143	145	117
ENSG00000128011	17	17	20	14
ENSG00000128016	1701	1510	1642	1334
ENSG00000128039	207	148	167	154
ENSG00000128040	0	0	0	0
ENSG00000128045	0	43	18	6
ENSG00000128050	1214	1268	1458	957
ENSG00000128052	1	1	3	0
ENSG00000128059	220	210	226	173
ENSG00000128159	1240	1236	1053	897
ENSG00000128165	139	165	56	92
ENSG00000128185	735	683	746	610
ENSG00000128191	737	752	780	685
ENSG00000128203	33	46	91	26
ENSG00000128218	0	0	3	0
ENSG00000128228	129	123	109	91
ENSG00000128242	6	2	5	6
ENSG00000128245	1347	1889	1410	1187
ENSG00000128250	2	0	0	5
ENSG00000128253	0	0	0	0
ENSG00000128262	33	105	126	101
ENSG00000128266	16	10	4	16
ENSG00000128268	0	16	23	16
ENSG00000128271	4	2	7	4
ENSG00000128272	5658	6990	7814	6452
ENSG00000128274	841	1323	1286	941
ENSG00000128276	0	0	0	0
ENSG00000128283	1745	1793	1729	1509
ENSG00000128284	373	584	318	411
ENSG00000128285	13	13	14	11
ENSG00000128294	255	340	542	318
ENSG00000128298	35	25	15	17
ENSG00000128309	455	400	489	405
ENSG00000128310	0	0	0	0
ENSG00000128311	193	188	211	187
ENSG00000128313	0	0	0	0
ENSG00000128322	2	0	0	0
ENSG00000128335	901	1243	1069	977
ENSG00000128340	75	49	121	78

ENSG00000128342	248	217	333	295
ENSG00000128346	180	189	195	191
ENSG00000128383	2	4	3	1
ENSG00000128394	85	124	122	105
ENSG00000128408	7	4	14	5
ENSG00000128422	3	7	3	0
ENSG00000128438	5	5	15	1
ENSG00000128463	1091	1127	1120	842
ENSG00000128482	12	36	38	25
ENSG00000128487	185	126	331	112
ENSG00000128510	99	480	452	171
ENSG00000128512	853	1109	1399	913
ENSG00000128513	322	410	471	316
ENSG00000128519	0	0	0	0
ENSG00000128524	1401	1351	1368	1042
ENSG00000128534	319	350	414	370
ENSG00000128536	85	51	144	91
ENSG00000128563	544	704	640	485
ENSG00000128564	0	1	2	2
ENSG00000128567	8	13	9	23
ENSG00000128573	389	568	609	487
ENSG00000128578	48	71	180	74
ENSG00000128581	437	546	508	398
ENSG00000128585	1971	2149	2578	1582
ENSG00000128590	542	590	647	514
ENSG00000128591	13411	16107	14925	11642
ENSG00000128594	35	30	27	54
ENSG00000128595	19775	34642	31262	21611
ENSG00000128596	233	385	280	359
ENSG00000128602	601	402	135	469
ENSG00000128604	5	0	0	2
ENSG00000128606	2330	2626	1008	2642
ENSG00000128607	984	997	1018	730
ENSG00000128609	877	1102	923	794
ENSG00000128610	0	0	0	0
ENSG00000128617	43	94	60	46
ENSG00000128626	140	121	116	102
ENSG00000128641	2135	2786	4244	1876
ENSG00000128645	0	0	0	0
ENSG00000128652	0	0	0	3
ENSG00000128654	361	455	662	340
ENSG00000128655	2	14	13	4
ENSG00000128656	2232	3578	3393	1465

ENSG00000128683	4	4	0	2
ENSG00000128692	0	0	0	0
ENSG00000128694	132	119	161	117
ENSG00000128699	1156	1428	1276	1259
ENSG00000128708	465	590	616	450
ENSG00000128709	0	0	0	0
ENSG00000128710	0	0	0	0
ENSG00000128713	0	0	0	0
ENSG00000128714	0	0	0	0
ENSG00000128731	1620	1508	2641	1386
ENSG00000128739	1238	1633	1705	1253
ENSG00000128789	798	748	795	672
ENSG00000128791	12192	9023	13666	9052
ENSG00000128805	474	454	576	397
ENSG00000128815	16	66	15	17
ENSG00000128829	2337	2766	3872	2026
ENSG00000128833	3	11	6	9
ENSG00000128849	62	122	30	67
ENSG00000128872	785	819	872	718
ENSG00000128881	679	713	904	740
ENSG00000128886	52	31	24	37
ENSG00000128891	299	382	303	250
ENSG00000128908	1072	1285	1213	908
ENSG00000128915	659	714	1038	689
ENSG00000128917	2	33	6	4
ENSG00000128918	4	4	11	8
ENSG00000128923	902	1271	1036	916
ENSG00000128928	1056	1338	1243	1062
ENSG00000128944	63	169	102	95
ENSG00000128951	904	826	700	758
ENSG00000128965	61	210	118	77
ENSG00000128973	199	182	240	211
ENSG00000128989	2275	2124	2679	1732
ENSG00000129003	2742	2513	2892	2912
ENSG00000129007	20	28	28	10
ENSG00000129009	3979	4941	3242	5867
ENSG00000129028	72	100	80	96
ENSG00000129038	4896	5649	6111	4880
ENSG00000129048	1469	2241	2082	3063
ENSG00000129055	1120	1115	1236	927
ENSG00000129071	553	576	767	510
ENSG00000129083	4122	4740	5168	3464
ENSG00000129084	1516	2026	1689	1198

ENSG00000129103	3082	3155	2781	2254
ENSG00000129116	13157	22772	19676	14321
ENSG00000129128	2268	3434	3069	2664
ENSG00000129151	2	8	3	4
ENSG00000129152	0	0	0	0
ENSG00000129158	198	207	161	191
ENSG00000129159	2	0	2	13
ENSG00000129167	13	12	8	8
ENSG00000129170	1	0	0	0
ENSG00000129173	4	2	9	2
ENSG00000129187	2034	2255	2565	1768
ENSG00000129194	26	13	13	37
ENSG00000129195	11	17	13	16
ENSG00000129197	430	520	543	401
ENSG00000129204	120	132	141	99
ENSG00000129214	19	34	31	55
ENSG00000129219	732	772	779	655
ENSG00000129221	0	0	1	1
ENSG00000129226	1341	2019	2274	1681
ENSG00000129235	373	363	372	243
ENSG00000129244	12	6	6	3
ENSG00000129245	782	777	863	629
ENSG00000129250	5398	9493	8242	6154
ENSG00000129255	679	819	924	569
ENSG00000129292	1407	1638	2108	1125
ENSG00000129295	36	74	61	58
ENSG00000129315	662	783	769	671
ENSG00000129317	466	695	618	690
ENSG00000129347	495	496	591	474
ENSG00000129351	3299	3176	3466	2359
ENSG00000129353	2843	4560	4337	2418
ENSG00000129354	1	3	0	0
ENSG00000129355	83	75	60	51
ENSG00000129422	510	470	714	499
ENSG00000129437	2	2	1	1
ENSG00000129450	0	0	0	0
ENSG00000129451	6	3	5	4
ENSG00000129455	0	0	0	0
ENSG00000129460	254	274	284	239
ENSG00000129465	16	30	27	44
ENSG00000129467	162	219	170	151
ENSG00000129472	369	448	424	298
ENSG00000129473	1786	1762	1563	1432

ENSG00000129474	527	729	887	570
ENSG00000129480	189	269	248	196
ENSG00000129484	266	397	314	267
ENSG00000129493	1201	2048	1780	1329
ENSG00000129514	10	8	10	21
ENSG00000129515	2597	2935	3258	2299
ENSG00000129518	607	848	842	554
ENSG00000129521	194	98	18	106
ENSG00000129534	374	465	519	515
ENSG00000129535	15	13	12	5
ENSG00000129538	0	0	0	0
ENSG00000129559	1618	1815	2020	1315
ENSG00000129562	1638	1933	1543	1315
ENSG00000129566	648	1309	1118	688
ENSG00000129595	75	90	117	123
ENSG00000129596	53	107	24	69
ENSG00000129625	3207	3437	3760	2209
ENSG00000129636	1839	2502	2271	1696
ENSG00000129646	70	38	108	64
ENSG00000129654	0	0	0	0
ENSG00000129657	1268	1426	1731	1256
ENSG00000129667	64	79	97	58
ENSG00000129673	0	3	2	1
ENSG00000129675	710	1069	894	757
ENSG00000129680	716	1033	960	668
ENSG00000129682	585	657	159	907
ENSG00000129691	712	927	796	651
ENSG00000129696	167	161	204	159
ENSG00000129744	0	0	0	0
ENSG00000129749	7	7	10	4
ENSG00000129757	239	269	213	197
ENSG00000129810	5	7	5	6
ENSG00000129824	4938	4592	4998	0
ENSG00000129862	0	0	0	0
ENSG00000129864	0	0	0	0
ENSG00000129873	0	0	0	0
ENSG00000129910	11	11	8	8
ENSG00000129911	205	192	219	225
ENSG00000129925	1983	1720	2018	1580
ENSG00000129932	171	175	133	130
ENSG00000129933	1253	1307	1168	945
ENSG00000129946	318	407	424	286
ENSG00000129951	15	22	23	46

ENSG00000129965	1	5	2	0
ENSG00000129968	1212	1242	939	996
ENSG00000129988	2	13	22	4
ENSG00000129990	43	18	6	18
ENSG00000129991	1	0	0	1
ENSG00000129993	2	2	3	14
ENSG00000130005	517	476	453	355
ENSG00000130021	280	265	296	456
ENSG00000130023	197	260	262	160
ENSG00000130024	1155	1465	1822	1104
ENSG00000130032	211	63	6	94
ENSG00000130035	0	7	0	5
ENSG00000130037	11	55	2	29
ENSG00000130038	57	61	40	67
ENSG00000130045	26	59	28	29
ENSG00000130052	145	153	280	238
ENSG00000130054	0	0	0	0
ENSG00000130055	3	2	3	4
ENSG00000130066	2166	2885	3226	1877
ENSG00000130119	198	194	207	154
ENSG00000130147	3165	3910	4289	2451
ENSG00000130150	579	1131	811	472
ENSG00000130158	657	714	836	779
ENSG00000130159	431	380	370	217
ENSG00000130164	1142	1459	608	376
ENSG00000130165	580	674	575	521
ENSG00000130167	0	0	0	2
ENSG00000130173	3	1	7	0
ENSG00000130175	5476	6390	6012	4637
ENSG00000130176	423	1597	703	986
ENSG00000130177	1407	1614	1717	1328
ENSG00000130182	0	0	0	0
ENSG00000130193	130	121	139	93
ENSG00000130201	6	6	8	10
ENSG00000130202	1017	1353	1336	989
ENSG00000130203	2627	2184	4980	1486
ENSG00000130204	371	399	449	324
ENSG00000130208	28	54	127	24
ENSG00000130222	28	11	10	30
ENSG00000130224	269	289	412	224
ENSG00000130226	0	0	2	2
ENSG00000130227	1901	2124	2583	1768
ENSG00000130234	0	0	0	0

ENSG00000130244	235	187	212	179
ENSG00000130254	1118	1456	1290	864
ENSG00000130255	5806	5542	4810	3578
ENSG00000130270	101	58	102	55
ENSG00000130283	5	6	4	17
ENSG00000130287	1	1	0	11
ENSG00000130294	0	0	1	0
ENSG00000130299	134	157	144	108
ENSG00000130300	0	0	1	0
ENSG00000130303	83	148	84	43
ENSG00000130304	670	609	615	607
ENSG00000130305	253	210	195	166
ENSG00000130307	8	9	11	4
ENSG00000130309	1761	1808	1882	1518
ENSG00000130311	500	711	727	470
ENSG00000130312	417	457	483	377
ENSG00000130313	1059	1134	1165	924
ENSG00000130332	385	396	337	299
ENSG00000130338	516	723	636	769
ENSG00000130340	5707	4760	7253	5178
ENSG00000130347	79	90	53	59
ENSG00000130348	286	288	450	259
ENSG00000130349	198	212	233	186
ENSG00000130363	291	484	486	265
ENSG00000130368	11	5	8	6
ENSG00000130377	4	5	15	5
ENSG00000130382	1789	1769	1780	1293
ENSG00000130383	0	0	0	0
ENSG00000130385	0	0	0	0
ENSG00000130396	603	764	774	736
ENSG00000130402	5116	6967	5915	4454
ENSG00000130413	51	106	174	81
ENSG00000130414	682	821	892	478
ENSG00000130427	2	2	1	1
ENSG00000130429	1847	2804	1894	2145
ENSG00000130433	0	2	2	1
ENSG00000130449	606	775	982	458
ENSG00000130475	29	28	25	9
ENSG00000130477	3	3	7	5
ENSG00000130479	508	604	742	486
ENSG00000130487	20	24	3	8
ENSG00000130489	205	209	235	154
ENSG00000130508	8362	13975	15595	9327

ENSG00000130511	792	731	883	778
ENSG00000130513	984	510	973	742
ENSG00000130517	1386	1297	1586	1468
ENSG00000130518	127	202	61	112
ENSG00000130520	608	709	679	531
ENSG00000130522	1567	2134	1449	1377
ENSG00000130528	0	2	1	0
ENSG00000130529	498	698	460	366
ENSG00000130538	0	0	0	0
ENSG00000130540	53	48	35	3
ENSG00000130544	169	194	159	125
ENSG00000130545	4	1	0	3
ENSG00000130558	299	299	141	94
ENSG00000130559	528	597	952	482
ENSG00000130560	537	537	586	433
ENSG00000130561	12	15	10	11
ENSG00000130584	238	362	255	307
ENSG00000130589	937	838	889	628
ENSG00000130590	56	49	51	66
ENSG00000130592	38	36	9	18
ENSG00000130595	1	0	0	3
ENSG00000130598	0	0	0	0
ENSG00000130612	1	7	4	1
ENSG00000130635	12723	13727	11120	9963
ENSG00000130638	1935	2571	2282	2133
ENSG00000130640	1396	1406	1479	1150
ENSG00000130643	1	3	4	7
ENSG00000130649	24	55	38	21
ENSG00000130653	120	152	113	175
ENSG00000130656	0	0	0	0
ENSG00000130669	372	595	449	444
ENSG00000130675	0	0	0	0
ENSG00000130684	504	569	601	427
ENSG00000130695	84	128	105	62
ENSG00000130699	89	199	112	85
ENSG00000130700	0	0	0	0
ENSG00000130701	0	0	0	0
ENSG00000130702	1239	1936	1276	877
ENSG00000130703	708	809	892	660
ENSG00000130706	1313	1551	1562	1126
ENSG00000130707	977	1187	2330	1228
ENSG00000130711	0	0	0	0
ENSG00000130713	203	257	239	196

ENSG00000130714	698	784	650	672
ENSG00000130717	637	652	664	561
ENSG00000130720	123	97	849	104
ENSG00000130723	5246	6383	5682	4661
ENSG00000130724	1141	1584	1681	1123
ENSG00000130725	641	797	849	584
ENSG00000130726	3202	3482	3593	2710
ENSG00000130731	492	534	419	411
ENSG00000130733	786	958	915	617
ENSG00000130734	100	108	123	113
ENSG00000130741	2553	2534	2708	2625
ENSG00000130748	45	30	26	45
ENSG00000130749	689	741	741	612
ENSG00000130751	11	19	14	12
ENSG00000130755	7	6	5	5
ENSG00000130758	254	227	186	138
ENSG00000130762	1	2	2	4
ENSG00000130764	874	797	811	606
ENSG00000130766	1312	1230	1143	1030
ENSG00000130768	2	2	3	0
ENSG00000130770	702	900	836	639
ENSG00000130772	233	246	266	198
ENSG00000130775	108	78	162	85
ENSG00000130779	4696	6664	5280	4731
ENSG00000130783	7	15	9	10
ENSG00000130787	349	273	473	393
ENSG00000130803	565	674	647	469
ENSG00000130810	190	256	249	171
ENSG00000130811	1979	2200	2428	1618
ENSG00000130812	3	15	7	8
ENSG00000130813	785	744	787	564
ENSG00000130816	1937	2145	2029	1576
ENSG00000130818	581	632	710	544
ENSG00000130821	1055	937	1216	910
ENSG00000130822	10	12	16	16
ENSG00000130826	496	571	691	370
ENSG00000130827	1659	1626	2027	1259
ENSG00000130829	0	1	1	0
ENSG00000130830	304	348	382	257
ENSG00000130844	262	306	437	224
ENSG00000130856	367	387	380	398
ENSG00000130876	0	0	0	0
ENSG00000130881	1218	1174	1183	964

ENSG00000130921	419	443	496	348
ENSG00000130935	470	484	642	477
ENSG00000130939	2348	2714	2734	2001
ENSG00000130940	3	9	32	2
ENSG00000130943	30	48	28	26
ENSG00000130948	2	4	2	4
ENSG00000130950	0	1	0	0
ENSG00000130956	922	1392	1004	1213
ENSG00000130957	0	2	0	0
ENSG00000130958	499	533	462	378
ENSG00000130962	706	701	1300	632
ENSG00000130985	6848	6793	6681	5744
ENSG00000130988	116	183	115	131
ENSG00000130997	80	38	79	67
ENSG00000131002	883	1055	1290	0
ENSG00000131013	621	842	942	602
ENSG00000131015	13	25	19	15
ENSG00000131016	37684	103693	37498	51251
ENSG00000131018	3451	3850	3298	2911
ENSG00000131019	42	59	33	49
ENSG00000131023	703	875	860	682
ENSG00000131037	6	7	17	4
ENSG00000131042	0	0	0	0
ENSG00000131043	720	746	722	554
ENSG00000131044	6	8	7	1
ENSG00000131050	4	0	0	1
ENSG00000131051	4183	5284	6704	3892
ENSG00000131055	0	0	0	0
ENSG00000131059	0	0	0	0
ENSG00000131061	89	100	92	65
ENSG00000131067	699	774	744	491
ENSG00000131068	0	0	0	0
ENSG00000131069	653	724	870	411
ENSG00000131080	1475	1696	2039	1134
ENSG00000131089	581	759	724	721
ENSG00000131094	25	27	77	20
ENSG00000131095	11	0	0	18
ENSG00000131096	2	3	3	5
ENSG00000131097	2	1	1	0
ENSG00000131100	1812	2604	2510	1667
ENSG00000131115	282	321	378	318
ENSG00000131116	551	643	525	445
ENSG00000131126	0	2	5	2

ENSG00000131127	113	153	182	159
ENSG00000131142	1	0	1	0
ENSG00000131143	3495	4539	4694	3114
ENSG00000131148	299	413	410	286
ENSG00000131149	908	1036	1175	1158
ENSG00000131152	16	5	3	18
ENSG00000131153	44	24	20	26
ENSG00000131165	1644	1637	1347	1397
ENSG00000131171	2829	3529	3568	2721
ENSG00000131174	823	1276	1250	694
ENSG00000131183	0	0	0	0
ENSG00000131187	4	11	15	11
ENSG00000131188	25	31	43	42
ENSG00000131196	126	194	131	129
ENSG00000131203	2	0	0	0
ENSG00000131233	4	10	10	8
ENSG00000131236	6192	7376	6609	4909
ENSG00000131238	723	857	791	652
ENSG00000131242	110	54	131	74
ENSG00000131263	1130	1284	1300	1020
ENSG00000131264	0	0	0	0
ENSG00000131269	297	350	389	275
ENSG00000131323	669	881	859	594
ENSG00000131351	57	31	47	38
ENSG00000131355	0	0	0	0
ENSG00000131368	510	648	583	468
ENSG00000131370	1889	2157	1884	1918
ENSG00000131373	212	252	252	205
ENSG00000131374	3725	3772	4418	3413
ENSG00000131375	700	860	894	643
ENSG00000131378	1483	1294	2540	1206
ENSG00000131379	4	8	3	4
ENSG00000131381	970	1113	1166	889
ENSG00000131386	6948	9443	11608	3259
ENSG00000131389	1179	1750	1142	999
ENSG00000131398	2	0	3	0
ENSG00000131400	8	12	9	12
ENSG00000131401	0	0	0	0
ENSG00000131408	1606	1696	1429	1258
ENSG00000131409	24	18	14	24
ENSG00000131435	358	509	350	419
ENSG00000131437	361	686	593	413
ENSG00000131446	3759	5147	3878	4117

ENSG00000131459	671	640	650	528
ENSG00000131462	611	619	689	344
ENSG00000131467	1507	1645	1896	1380
ENSG00000131469	9702	9228	8751	6159
ENSG00000131470	72	65	99	48
ENSG00000131471	212	298	87	572
ENSG00000131473	3981	3795	4267	2998
ENSG00000131475	529	578	616	444
ENSG00000131477	10	6	9	7
ENSG00000131480	16	27	27	11
ENSG00000131482	1	0	4	0
ENSG00000131495	559	566	543	433
ENSG00000131503	1378	1481	1395	1228
ENSG00000131504	1370	1855	1699	1656
ENSG00000131507	2463	2999	2737	2664
ENSG00000131508	1075	1205	1252	1060
ENSG00000131558	2315	2724	3028	2178
ENSG00000131584	1533	1411	1311	1266
ENSG00000131591	111	145	150	146
ENSG00000131620	548	2078	699	1625
ENSG00000131626	1241	1373	1989	1198
ENSG00000131634	372	328	204	324
ENSG00000131650	0	3	2	4
ENSG00000131652	276	225	221	231
ENSG00000131653	2893	3076	3712	2299
ENSG00000131668	1	0	0	0
ENSG00000131669	505	589	862	551
ENSG00000131686	13	12	11	8
ENSG00000131697	291	220	224	227
ENSG00000131711	7013	7493	7932	9563
ENSG00000131721	0	0	0	0
ENSG00000131724	1213	2193	2505	1571
ENSG00000131725	528	618	635	397
ENSG00000131730	17	27	26	18
ENSG00000131732	760	709	890	585
ENSG00000131737	0	0	0	0
ENSG00000131738	0	0	0	0
ENSG00000131746	5	10	2	7
ENSG00000131747	366	249	428	363
ENSG00000131748	725	843	1074	733
ENSG00000131759	967	951	1055	879
ENSG00000131771	152	100	55	329
ENSG00000131773	191	167	164	219

ENSG00000131778	770	948	972	652
ENSG00000131779	512	601	569	437
ENSG00000131781	91	113	116	89
ENSG00000131788	976	1037	803	727
ENSG00000131791	999	1173	1167	724
ENSG00000131797	116	138	121	110
ENSG00000131808	0	0	0	0
ENSG00000131828	666	814	953	615
ENSG00000131831	500	821	72	865
ENSG00000131844	499	520	562	516
ENSG00000131845	303	385	349	290
ENSG00000131848	46	75	89	59
ENSG00000131849	158	224	212	158
ENSG00000131864	0	0	1	0
ENSG00000131871	615	756	715	594
ENSG00000131873	906	797	890	630
ENSG00000131876	327	342	238	255
ENSG00000131885	0	0	0	0
ENSG00000131899	1635	1571	1574	1342
ENSG00000131910	0	1	1	0
ENSG00000131914	3	12	7	4
ENSG00000131931	158	193	213	143
ENSG00000131941	129	117	99	88
ENSG00000131943	716	612	649	630
ENSG00000131944	83	122	84	70
ENSG00000131951	0	5	0	0
ENSG00000131966	1366	1444	1639	1155
ENSG00000131969	20	23	34	18
ENSG00000131979	45	58	36	43
ENSG00000131981	6845	5856	5478	4678
ENSG00000131982	0	0	0	0
ENSG00000132000	130	459	523	246
ENSG00000132002	1870	2072	1927	1746
ENSG00000132003	99	122	189	97
ENSG00000132004	97	103	96	76
ENSG00000132005	145	187	155	248
ENSG00000132010	34	41	48	28
ENSG00000132016	25	11	20	12
ENSG00000132017	192	290	218	164
ENSG00000132024	518	643	739	507
ENSG00000132026	2	6	0	1
ENSG00000132031	30	77	48	31
ENSG00000132109	526	586	480	397

ENSG00000132122	251	286	412	220
ENSG00000132128	1886	2143	2363	1796
ENSG00000132141	13	40	35	34
ENSG00000132153	1172	1160	1440	936
ENSG00000132155	2320	2397	2217	1979
ENSG00000132164	0	2	2	1
ENSG00000132170	317	297	598	250
ENSG00000132182	5	20	7	10
ENSG00000132185	1	4	2	2
ENSG00000132196	103	124	90	114
ENSG00000132199	510	498	408	566
ENSG00000132205	576	570	677	657
ENSG00000132207	373	281	335	283
ENSG00000132254	776	804	993	617
ENSG00000132256	641	646	892	626
ENSG00000132259	5	2	2	4
ENSG00000132274	3197	3724	4222	2925
ENSG00000132275	306	291	261	252
ENSG00000132286	523	549	475	355
ENSG00000132294	2902	3089	3636	2905
ENSG00000132297	20	39	54	20
ENSG00000132300	1048	1195	1043	1001
ENSG00000132305	1190	1350	1427	904
ENSG00000132313	483	609	572	323
ENSG00000132321	24	79	44	42
ENSG00000132323	410	405	410	331
ENSG00000132326	113	169	121	161
ENSG00000132329	71	205	183	240
ENSG00000132330	129	146	164	103
ENSG00000132334	45	42	52	51
ENSG00000132341	2846	3388	3421	2167
ENSG00000132356	1878	1980	2026	1719
ENSG00000132357	657	643	738	563
ENSG00000132359	20	30	91	32
ENSG00000132361	698	902	1008	692
ENSG00000132376	625	750	702	588
ENSG00000132382	723	865	888	724
ENSG00000132383	1439	1289	1478	1598
ENSG00000132386	11329	9865	12047	10126
ENSG00000132388	915	1026	1286	975
ENSG00000132394	216	202	202	171
ENSG00000132405	1381	1433	1625	1177
ENSG00000132406	337	391	328	321

ENSG00000132423	44	50	51	31
ENSG00000132424	3536	3970	4763	3583
ENSG00000132429	72	116	241	82
ENSG00000132432	564	537	451	385
ENSG00000132434	302	410	461	327
ENSG00000132436	246	242	175	183
ENSG00000132437	0	0	0	0
ENSG00000132446	0	0	0	0
ENSG00000132463	1622	1737	1725	1475
ENSG00000132464	32	40	26	3
ENSG00000132465	14	95	50	50
ENSG00000132466	2627	2894	3423	2245
ENSG00000132467	510	668	632	464
ENSG00000132470	12	16	26	7
ENSG00000132471	1527	1916	1800	1281
ENSG00000132475	4025	4514	4323	3341
ENSG00000132478	594	440	437	355
ENSG00000132481	99	105	107	66
ENSG00000132485	1859	2364	2746	1818
ENSG00000132507	3533	3669	3702	2893
ENSG00000132510	902	777	1103	783
ENSG00000132514	0	0	0	0
ENSG00000132517	4	8	10	6
ENSG00000132518	6	0	0	0
ENSG00000132522	649	791	881	556
ENSG00000132530	833	873	853	578
ENSG00000132535	552	594	628	577
ENSG00000132541	747	534	482	487
ENSG00000132549	3012	4000	4226	2717
ENSG00000132554	43	70	96	70
ENSG00000132561	2900	3643	2501	5720
ENSG00000132563	291	467	380	450
ENSG00000132570	80	111	87	107
ENSG00000132581	816	799	935	621
ENSG00000132589	1676	1946	2067	1423
ENSG00000132591	480	519	710	442
ENSG00000132600	603	586	547	465
ENSG00000132603	237	267	340	185
ENSG00000132604	456	584	684	362
ENSG00000132612	1129	1237	1306	1049
ENSG00000132613	2379	2412	3439	2683
ENSG00000132622	184	98	84	101
ENSG00000132623	61	163	155	72

ENSG00000132631	0	0	0	0
ENSG00000132635	681	669	698	631
ENSG00000132639	145	91	384	150
ENSG00000132640	1523	1783	1282	1967
ENSG00000132646	1286	1178	1388	828
ENSG00000132661	89	86	71	63
ENSG00000132664	115	192	180	167
ENSG00000132669	1016	1226	1225	1068
ENSG00000132670	2077	2830	2820	2145
ENSG00000132671	0	0	0	0
ENSG00000132676	1319	1598	1371	1004
ENSG00000132677	7	3	3	1
ENSG00000132680	651	746	830	671
ENSG00000132681	3	1	10	3
ENSG00000132688	1182	779	657	1282
ENSG00000132692	7	8	1	5
ENSG00000132693	1	0	0	0
ENSG00000132694	1289	1428	1586	1160
ENSG00000132698	1	0	0	0
ENSG00000132702	1	0	1	1
ENSG00000132703	0	0	0	0
ENSG00000132704	12	19	14	9
ENSG00000132716	2605	3294	3801	2654
ENSG00000132718	2053	2875	2394	2099
ENSG00000132740	172	219	290	197
ENSG00000132744	0	0	0	0
ENSG00000132746	1	0	0	0
ENSG00000132749	16	4	10	18
ENSG00000132763	125	174	127	114
ENSG00000132768	156	186	135	161
ENSG00000132773	102	122	131	98
ENSG00000132780	1043	1042	1232	1000
ENSG00000132781	125	130	145	130
ENSG00000132792	570	623	534	419
ENSG00000132793	156	215	135	171
ENSG00000132801	136	167	121	123
ENSG00000132819	165	195	186	155
ENSG00000132821	21	28	10	37
ENSG00000132823	849	719	961	693
ENSG00000132824	5565	7032	7063	6140
ENSG00000132825	144	150	126	146
ENSG00000132837	129	148	217	105
ENSG00000132840	424	444	1098	255

ENSG00000132842	1646	2059	2320	1525
ENSG00000132846	427	554	382	384
ENSG00000132849	196	310	242	228
ENSG00000132854	10	23	2	6
ENSG00000132855	0	1	1	0
ENSG00000132872	0	0	0	0
ENSG00000132874	10	24	14	15
ENSG00000132879	499	434	454	388
ENSG00000132881	55	68	37	65
ENSG00000132906	185	183	183	173
ENSG00000132911	0	0	0	1
ENSG00000132912	1586	1831	1907	1239
ENSG00000132915	7	12	21	10
ENSG00000132932	0	4	5	5
ENSG00000132938	3	1	0	1
ENSG00000132950	311	341	357	280
ENSG00000132952	311	328	359	321
ENSG00000132953	639	692	810	645
ENSG00000132958	2	3	1	1
ENSG00000132963	1060	1066	906	764
ENSG00000132964	295	247	423	228
ENSG00000132965	4	12	6	3
ENSG00000132967	175	214	351	219
ENSG00000132970	768	963	1193	727
ENSG00000132972	1	0	0	1
ENSG00000132975	1	1	5	0
ENSG00000133019	4	1	0	0
ENSG00000133020	0	0	0	0
ENSG00000133026	9368	18998	9883	13695
ENSG00000133027	223	285	211	152
ENSG00000133028	740	918	895	673
ENSG00000133030	4792	5539	6245	4505
ENSG00000133048	67	646	200	425
ENSG00000133055	1	3	3	6
ENSG00000133056	230	509	121	182
ENSG00000133059	1765	2227	2034	1929
ENSG00000133063	1	1	4	17
ENSG00000133065	952	1334	1735	1146
ENSG00000133067	1	0	1	10
ENSG00000133069	252	233	169	189
ENSG00000133083	785	714	167	739
ENSG00000133101	0	4	2	3
ENSG00000133103	816	745	833	806

ENSG00000133104	2101	2179	2826	1954
ENSG00000133105	0	1	0	0
ENSG00000133106	132	210	225	151
ENSG00000133107	11	9	59	14
ENSG00000133110	1757	13506	5245	5469
ENSG00000133111	105	85	54	89
ENSG00000133112	70876	84266	68970	58904
ENSG00000133114	443	584	586	348
ENSG00000133115	0	0	0	0
ENSG00000133116	4	18	5	5
ENSG00000133119	73	97	75	82
ENSG00000133121	755	1113	988	564
ENSG00000133124	0	0	0	0
ENSG00000133131	1109	1301	1506	1153
ENSG00000133134	3	3	2	2
ENSG00000133135	27	30	30	60
ENSG00000133136	0	0	0	0
ENSG00000133138	812	903	912	894
ENSG00000133142	1344	2011	2279	1428
ENSG00000133169	1	0	6	1
ENSG00000133193	576	820	737	451
ENSG00000133195	242	430	343	201
ENSG00000133216	537	384	1108	602
ENSG00000133226	1671	1780	1982	1378
ENSG00000133243	2540	2312	2385	1815
ENSG00000133246	4	20	6	7
ENSG00000133247	99	102	116	102
ENSG00000133250	157	208	110	118
ENSG00000133256	24	33	52	23
ENSG00000133265	436	454	376	333
ENSG00000133275	978	1272	1423	801
ENSG00000133302	183	118	119	131
ENSG00000133313	957	1040	1169	851
ENSG00000133315	110	149	189	160
ENSG00000133316	279	270	376	214
ENSG00000133317	1	2	1	0
ENSG00000133318	3470	3899	3374	3410
ENSG00000133321	532	686	460	458
ENSG00000133328	0	0	0	2
ENSG00000133392	24	85	204	26
ENSG00000133393	647	391	399	547
ENSG00000133398	448	495	460	441
ENSG00000133401	65	54	119	49

ENSG00000133422	785	924	1025	655
ENSG00000133424	1001	1229	853	1127
ENSG00000133433	144	55	277	360
ENSG00000133454	0	1	0	3
ENSG00000133460	123	160	119	112
ENSG00000133466	364	416	440	366
ENSG00000133475	0	0	0	0
ENSG00000133477	12	18	13	13
ENSG00000133488	2	6	6	13
ENSG00000133519	9	6	1	3
ENSG00000133561	0	0	0	1
ENSG00000133574	0	0	0	0
ENSG00000133597	242	307	233	277
ENSG00000133606	1784	2448	2417	1871
ENSG00000133612	1330	1217	1135	891
ENSG00000133619	263	246	259	277
ENSG00000133624	290	272	365	239
ENSG00000133627	83	134	73	68
ENSG00000133636	0	0	0	0
ENSG00000133639	1264	1370	1449	1044
ENSG00000133640	3	7	15	8
ENSG00000133641	244	305	348	226
ENSG00000133657	4195	4752	4425	4997
ENSG00000133661	3	13	11	4
ENSG00000133665	6	1	10	2
ENSG00000133678	255	400	333	315
ENSG00000133687	2766	6826	8031	3375
ENSG00000133703	726	1074	844	699
ENSG00000133704	1342	1795	1713	1275
ENSG00000133706	1649	2161	2576	1731
ENSG00000133710	1	0	0	0
ENSG00000133731	224	321	353	249
ENSG00000133739	214	183	183	165
ENSG00000133740	100	79	130	90
ENSG00000133742	0	2	6	0
ENSG00000133773	254	281	373	265
ENSG00000133789	3090	3609	2602	3267
ENSG00000133794	248	203	315	230
ENSG00000133800	3	6	8	6
ENSG00000133805	553	1078	410	636
ENSG00000133808	1	6	2	1
ENSG00000133812	2199	3742	3194	3153
ENSG00000133816	1142	1374	1735	1442

ENSG00000133818	1905	3560	2881	2037
ENSG00000133835	2789	2758	3245	1724
ENSG00000133858	1742	2677	2528	1579
ENSG00000133863	0	5	0	13
ENSG00000133872	2929	4031	3571	2586
ENSG00000133874	203	132	126	130
ENSG00000133878	2	2	3	4
ENSG00000133884	1212	1348	1381	998
ENSG00000133895	727	756	715	558
ENSG00000133935	396	496	472	314
ENSG00000133937	6	4	0	2
ENSG00000133943	830	769	685	727
ENSG00000133958	3	8	14	12
ENSG00000133961	1473	1870	2029	1402
ENSG00000133962	1	1	9	7
ENSG00000133980	0	1	0	1
ENSG00000133983	453	430	446	279
ENSG00000133985	2	6	6	4
ENSG00000133997	342	398	353	307
ENSG00000134001	943	1126	1288	763
ENSG00000134007	0	1	0	0
ENSG00000134013	3594	4158	5967	3214
ENSG00000134014	547	688	759	428
ENSG00000134020	5	15	11	13
ENSG00000134028	7	3	3	7
ENSG00000134030	855	1303	1042	953
ENSG00000134042	18	6	6	5
ENSG00000134046	997	1357	1342	1218
ENSG00000134049	555	546	703	448
ENSG00000134056	254	266	235	223
ENSG00000134057	97	139	102	105
ENSG00000134058	26	132	17	35
ENSG00000134061	4	4	0	3
ENSG00000134070	57	71	100	51
ENSG00000134072	354	471	331	352
ENSG00000134077	670	757	926	631
ENSG00000134086	654	690	724	662
ENSG00000134107	620	298	627	273
ENSG00000134108	2046	2628	2710	1994
ENSG00000134109	1208	1228	1273	1060
ENSG00000134115	0	2	0	2
ENSG00000134121	179	71	54	34
ENSG00000134138	763	1251	783	1154

ENSG00000134146	68	115	120	74
ENSG00000134152	387	391	385	265
ENSG00000134153	793	1216	1246	790
ENSG00000134160	0	1	1	0
ENSG00000134183	4	0	2	2
ENSG00000134184	0	3	6	2
ENSG00000134186	1036	1150	1443	1038
ENSG00000134193	0	0	0	0
ENSG00000134198	12	28	2	38
ENSG00000134200	0	0	0	0
ENSG00000134201	657	306	439	659
ENSG00000134202	1015	1674	1384	801
ENSG00000134207	0	0	1	0
ENSG00000134215	5	1	4	0
ENSG00000134216	0	1	1	1
ENSG00000134222	48	99	93	85
ENSG00000134240	0	0	0	0
ENSG00000134242	6	5	4	3
ENSG00000134243	1450	2956	2569	1639
ENSG00000134245	223	381	474	192
ENSG00000134247	2369	1641	1358	1553
ENSG00000134248	819	1043	1018	647
ENSG00000134249	0	0	0	0
ENSG00000134250	8865	12863	11202	8861
ENSG00000134253	280	270	195	235
ENSG00000134255	1102	1395	1194	1082
ENSG00000134256	5	2	8	12
ENSG00000134258	3	4	0	8
ENSG00000134259	39	130	49	62
ENSG00000134262	209	275	223	175
ENSG00000134265	457	477	517	331
ENSG00000134278	717	936	1196	959
ENSG00000134283	844	1008	1075	704
ENSG00000134285	309	362	265	334
ENSG00000134287	3225	3472	3147	2799
ENSG00000134291	528	688	712	618
ENSG00000134294	13610	13610	16797	12132
ENSG00000134297	37	47	30	28
ENSG00000134308	6890	7657	8208	6386
ENSG00000134313	3532	4020	3908	3563
ENSG00000134317	49	111	89	44
ENSG00000134318	3140	4044	3764	3315
ENSG00000134321	31	23	1	11

ENSG00000134323	0	0	0	0
ENSG00000134324	4978	3995	3782	3346
ENSG00000134326	9	3	3	3
ENSG00000134330	630	785	833	554
ENSG00000134333	10405	12895	12267	6468
ENSG00000134339	7	2	1	0
ENSG00000134343	30	62	12	119
ENSG00000134352	45147	57013	42668	47377
ENSG00000134363	2876	6874	5302	3002
ENSG00000134365	0	1	0	0
ENSG00000134369	3639	5844	4884	4415
ENSG00000134371	909	980	1011	758
ENSG00000134375	613	843	801	562
ENSG00000134376	14	24	27	21
ENSG00000134389	0	0	0	0
ENSG00000134398	5	8	9	10
ENSG00000134419	9808	10228	9816	6733
ENSG00000134438	0	0	0	0
ENSG00000134440	2350	3162	3726	2603
ENSG00000134443	0	0	0	0
ENSG00000134444	534	655	668	565
ENSG00000134452	1861	2155	2024	1674
ENSG00000134453	1302	1540	1492	1273
ENSG00000134460	4	6	6	0
ENSG00000134461	144	128	146	119
ENSG00000134463	60	24	38	76
ENSG00000134470	536	474	501	533
ENSG00000134480	346	380	567	250
ENSG00000134489	5	5	5	8
ENSG00000134490	113	120	127	126
ENSG00000134504	204	253	212	124
ENSG00000134508	809	1151	1242	1154
ENSG00000134516	201	240	194	137
ENSG00000134531	4077	4884	4366	4115
ENSG00000134532	105	148	180	115
ENSG00000134533	3	6	14	8
ENSG00000134538	0	0	0	0
ENSG00000134539	46	262	58	154
ENSG00000134545	2	2	1	2
ENSG00000134548	24	21	22	15
ENSG00000134551	0	0	0	1
ENSG00000134569	82	82	197	80
ENSG00000134571	1	2	0	0

ENSG00000134574	1862	1455	1251	941
ENSG00000134575	411	672	607	407
ENSG00000134588	7	1	1	7
ENSG00000134590	4024	5044	4219	3664
ENSG00000134594	15	17	15	19
ENSG00000134595	3	4	1	6
ENSG00000134597	275	357	359	320
ENSG00000134602	51	37	103	63
ENSG00000134612	0	0	0	0
ENSG00000134627	102	131	85	102
ENSG00000134640	0	0	0	0
ENSG00000134644	2693	2447	2656	2190
ENSG00000134668	631	666	549	777
ENSG00000134684	1316	1920	1962	1562
ENSG00000134686	1685	1757	2077	1291
ENSG00000134690	30	32	20	28
ENSG00000134697	798	911	1179	716
ENSG00000134698	449	580	862	629
ENSG00000134709	0	1	0	2
ENSG00000134716	49	31	24	8
ENSG00000134717	755	780	808	656
ENSG00000134744	901	1064	1166	784
ENSG00000134748	467	609	631	382
ENSG00000134755	2	22	16	6
ENSG00000134757	2	3	3	5
ENSG00000134758	121	256	193	112
ENSG00000134759	2150	2175	2636	2007
ENSG00000134760	0	1	0	0
ENSG00000134762	47	183	306	148
ENSG00000134765	0	0	0	0
ENSG00000134769	406	391	554	430
ENSG00000134775	2274	4338	3495	2111
ENSG00000134779	2226	3815	3106	2368
ENSG00000134780	163	233	159	201
ENSG00000134802	1790	1575	1556	1336
ENSG00000134809	141	220	273	112
ENSG00000134812	0	0	0	0
ENSG00000134815	224	225	297	205
ENSG00000134817	0	0	0	0
ENSG00000134824	2165	2350	1880	1438
ENSG00000134825	949	887	801	810
ENSG00000134827	0	0	0	0
ENSG00000134830	27	28	27	22

ENSG00000134851	1702	1827	1795	1264
ENSG00000134852	947	1265	1025	772
ENSG00000134853	17547	24594	19100	18690
ENSG00000134864	81	122	97	52
ENSG00000134871	3120	3428	4492	2452
ENSG00000134873	1	0	1	0
ENSG00000134874	1644	1920	2293	2134
ENSG00000134882	1134	1627	1504	1072
ENSG00000134884	2083	2389	2608	2422
ENSG00000134897	779	950	841	691
ENSG00000134899	1229	1390	1495	1287
ENSG00000134900	1760	1785	2062	1406
ENSG00000134901	259	351	343	225
ENSG00000134905	836	772	951	686
ENSG00000134909	414	655	611	469
ENSG00000134910	3500	4032	3876	2727
ENSG00000134917	4938	6827	9349	2858
ENSG00000134940	3	1	0	1
ENSG00000134954	1204	955	1196	836
ENSG00000134955	15	55	38	33
ENSG00000134962	5	7	7	9
ENSG00000134970	2403	2930	2487	2262
ENSG00000134982	1312	1263	1333	1102
ENSG00000134986	1216	1303	949	769
ENSG00000134987	1281	1279	1629	1605
ENSG00000134996	420	415	377	322
ENSG00000135002	488	851	766	640
ENSG00000135018	2133	2714	2527	1829
ENSG00000135040	444	503	507	339
ENSG00000135045	84	70	100	104
ENSG00000135046	7967	10453	8150	8173
ENSG00000135047	4394	5537	7136	4566
ENSG00000135048	634	698	933	657
ENSG00000135049	212	291	318	181
ENSG00000135052	1912	2593	2995	2162
ENSG00000135063	0	0	0	0
ENSG00000135069	1169	1463	818	845
ENSG00000135070	620	752	662	558
ENSG00000135074	617	763	750	516
ENSG00000135077	23	25	28	17
ENSG00000135083	5	10	19	5
ENSG00000135090	1120	1459	1606	1110
ENSG00000135093	432	448	550	349

ENSG00000135094	2	5	3	1
ENSG00000135097	3	0	1	1
ENSG00000135100	3	0	4	2
ENSG00000135108	1328	1282	1162	995
ENSG00000135111	2522	2218	2632	1615
ENSG00000135114	12	6	9	2
ENSG00000135116	1	23	12	6
ENSG00000135119	19	25	30	21
ENSG00000135124	454	597	388	317
ENSG00000135127	6	6	2	2
ENSG00000135144	0	0	0	0
ENSG00000135148	1030	1175	1264	815
ENSG00000135164	920	1515	1170	1058
ENSG00000135175	0	0	0	0
ENSG00000135185	347	282	271	305
ENSG00000135205	95	93	109	100
ENSG00000135211	325	265	207	269
ENSG00000135218	26	61	57	35
ENSG00000135220	0	0	0	0
ENSG00000135222	0	0	0	0
ENSG00000135226	0	0	0	0
ENSG00000135241	818	899	952	676
ENSG00000135245	247	174	275	172
ENSG00000135248	0	7	3	0
ENSG00000135249	484	400	511	385
ENSG00000135250	949	1116	1206	1011
ENSG00000135253	17	11	15	7
ENSG00000135269	1054	1872	1999	912
ENSG00000135272	1115	1355	1867	1157
ENSG00000135297	470	530	644	308
ENSG00000135298	3	2	0	1
ENSG00000135299	119	184	127	146
ENSG00000135312	0	0	5	1
ENSG00000135314	115	122	101	106
ENSG00000135315	424	361	470	328
ENSG00000135316	2646	3303	4024	2441
ENSG00000135317	1120	1750	1878	1184
ENSG00000135318	5275	5301	5348	6960
ENSG00000135324	2	0	1	7
ENSG00000135333	2	0	0	0
ENSG00000135334	764	930	1013	700
ENSG00000135336	641	840	771	596
ENSG00000135338	250	268	286	223

ENSG00000135341	1380	1708	2033	1312
ENSG00000135346	0	8	1	0
ENSG00000135355	0	0	0	0
ENSG00000135362	66	80	83	59
ENSG00000135363	4	5	0	6
ENSG00000135365	1396	1516	1703	1254
ENSG00000135372	735	878	800	705
ENSG00000135373	2	0	0	1
ENSG00000135374	1	2	2	2
ENSG00000135378	18	16	21	29
ENSG00000135387	6472	7729	7855	5089
ENSG00000135390	1839	2345	2225	1687
ENSG00000135392	992	1104	1212	845
ENSG00000135404	22768	26883	32202	21631
ENSG00000135406	3	7	15	6
ENSG00000135407	84	122	105	60
ENSG00000135409	0	0	0	0
ENSG00000135413	0	0	0	0
ENSG00000135414	952	822	829	731
ENSG00000135423	6	4	5	4
ENSG00000135424	2729	3490	2091	2770
ENSG00000135426	4	4	9	4
ENSG00000135436	15	12	15	11
ENSG00000135437	372	465	290	235
ENSG00000135439	266	242	234	195
ENSG00000135441	763	809	703	509
ENSG00000135443	0	0	0	0
ENSG00000135446	2887	2528	2493	2266
ENSG00000135447	0	0	0	2
ENSG00000135451	13	11	5	5
ENSG00000135452	539	547	598	391
ENSG00000135454	11	12	20	15
ENSG00000135457	535	650	728	498
ENSG00000135469	168	159	135	136
ENSG00000135472	257	218	489	156
ENSG00000135473	407	537	553	389
ENSG00000135476	70	49	50	27
ENSG00000135477	0	3	1	2
ENSG00000135480	56	379	130	134
ENSG00000135482	318	263	259	219
ENSG00000135486	13382	13239	11011	9729
ENSG00000135502	31	51	33	17
ENSG00000135503	712	775	708	594

ENSG00000135506	7851	10199	10321	6784
ENSG00000135517	4	1	2	0
ENSG00000135519	2	3	6	11
ENSG00000135521	289	405	474	312
ENSG00000135525	51	67	26	52
ENSG00000135535	7166	8210	8420	6532
ENSG00000135537	90	81	93	79
ENSG00000135540	563	584	756	376
ENSG00000135541	395	606	773	533
ENSG00000135547	1	0	2	0
ENSG00000135549	5	13	8	4
ENSG00000135569	0	0	0	0
ENSG00000135577	2	5	3	8
ENSG00000135587	98	134	140	86
ENSG00000135596	1206	1349	1243	1094
ENSG00000135597	382	471	542	370
ENSG00000135604	4	12	6	6
ENSG00000135605	32	26	21	37
ENSG00000135617	234	170	212	157
ENSG00000135622	364	291	413	260
ENSG00000135624	2404	2813	2975	2098
ENSG00000135625	0	0	0	0
ENSG00000135631	2076	1958	2110	1931
ENSG00000135632	450	562	496	457
ENSG00000135636	1	1	16	5
ENSG00000135637	179	103	195	90
ENSG00000135638	0	0	2	0
ENSG00000135643	14	22	15	22
ENSG00000135655	636	771	1019	840
ENSG00000135677	8717	13069	13417	8773
ENSG00000135678	509	379	608	457
ENSG00000135679	4341	4994	4448	3521
ENSG00000135686	1723	1589	1559	1628
ENSG00000135697	6	4	5	3
ENSG00000135698	291	318	399	158
ENSG00000135702	3	9	12	2
ENSG00000135709	1603	1458	1746	1723
ENSG00000135720	4823	4791	5073	4179
ENSG00000135722	178	138	149	136
ENSG00000135723	433	395	727	505
ENSG00000135736	295	317	344	277
ENSG00000135740	106	132	155	127
ENSG00000135744	277	1799	1882	466

ENSG00000135747	30	43	48	34
ENSG00000135749	609	880	684	679
ENSG00000135750	56	15	84	70
ENSG00000135763	152	191	163	119
ENSG00000135766	1505	1556	1649	1531
ENSG00000135773	3	7	1	7
ENSG00000135775	430	513	659	435
ENSG00000135776	273	303	268	244
ENSG00000135778	1086	813	679	733
ENSG00000135801	281	306	378	220
ENSG00000135821	4934	4907	5342	3441
ENSG00000135823	898	983	938	777
ENSG00000135824	1	0	0	0
ENSG00000135828	409	578	214	353
ENSG00000135829	3842	3882	4177	2932
ENSG00000135835	606	559	428	577
ENSG00000135837	2183	2902	3221	2563
ENSG00000135838	42	46	89	29
ENSG00000135842	2679	3278	1746	3180
ENSG00000135845	263	330	375	294
ENSG00000135862	20381	36943	37213	22336
ENSG00000135870	610	759	789	526
ENSG00000135898	0	0	0	0
ENSG00000135899	470	543	484	444
ENSG00000135900	354	425	401	277
ENSG00000135902	0	0	0	0
ENSG00000135903	0	0	0	0
ENSG00000135905	578	373	560	684
ENSG00000135912	168	192	276	238
ENSG00000135913	162	232	244	187
ENSG00000135914	19	43	15	22
ENSG00000135916	3745	4015	4973	3599
ENSG00000135917	43	46	33	24
ENSG00000135919	8531	22415	11012	8728
ENSG00000135924	2283	2199	2386	1944
ENSG00000135925	0	1	0	2
ENSG00000135926	4934	4740	4724	4131
ENSG00000135929	1001	1216	1285	1231
ENSG00000135930	1131	1533	1644	1001
ENSG00000135931	589	1240	977	960
ENSG00000135932	1764	1810	1860	1356
ENSG00000135940	981	1293	1212	904
ENSG00000135945	398	432	546	430

ENSG00000135951	45	15	44	57
ENSG00000135953	235	260	164	199
ENSG00000135956	2018	2581	2665	1967
ENSG00000135960	0	0	0	0
ENSG00000135966	720	687	758	667
ENSG00000135968	1441	1702	2153	1089
ENSG00000135972	309	379	435	254
ENSG00000135973	1	1	0	0
ENSG00000135974	491	658	659	470
ENSG00000135976	396	328	345	312
ENSG00000135999	636	774	708	636
ENSG00000136002	32	39	37	52
ENSG00000136003	3030	3196	3260	2235
ENSG00000136010	2248	2996	2304	2602
ENSG00000136011	1	9	9	16
ENSG00000136014	212	195	216	217
ENSG00000136021	1156	1419	1485	1166
ENSG00000136026	4565	5192	5933	3873
ENSG00000136040	4001	5756	7508	3105
ENSG00000136044	2297	3131	2516	2878
ENSG00000136045	854	1072	1083	742
ENSG00000136048	5351	9543	6832	6138
ENSG00000136051	1872	2014	2515	1790
ENSG00000136052	309	566	420	576
ENSG00000136059	179	217	145	143
ENSG00000136068	1840	2312	1579	1714
ENSG00000136098	137	348	295	159
ENSG00000136099	0	0	0	0
ENSG00000136100	621	1012	802	713
ENSG00000136104	358	321	477	298
ENSG00000136108	460	435	539	350
ENSG00000136110	0	0	0	0
ENSG00000136111	626	655	807	458
ENSG00000136114	62	198	74	119
ENSG00000136122	67	67	68	45
ENSG00000136141	742	612	692	604
ENSG00000136143	725	754	841	688
ENSG00000136144	938	927	1363	959
ENSG00000136146	634	827	726	522
ENSG00000136147	456	557	575	383
ENSG00000136149	13	12	17	15
ENSG00000136152	663	696	631	498
ENSG00000136153	2235	5637	3573	3058

ENSG00000136155	0	0	0	0
ENSG00000136156	11498	16011	13814	12828
ENSG00000136158	203	208	199	212
ENSG00000136159	240	264	248	206
ENSG00000136160	534	220	1100	317
ENSG00000136161	296	303	333	291
ENSG00000136167	12	4	0	13
ENSG00000136169	439	559	510	423
ENSG00000136193	4383	4685	4531	4341
ENSG00000136197	60	43	65	73
ENSG00000136205	8726	13294	8581	7674
ENSG00000136206	8	20	8	11
ENSG00000136213	523	597	528	476
ENSG00000136231	177	253	699	267
ENSG00000136235	33284	34745	35333	26209
ENSG00000136237	16	11	32	39
ENSG00000136238	4284	5612	5609	3955
ENSG00000136240	5231	5425	5346	4870
ENSG00000136243	274	280	306	232
ENSG00000136244	190	245	272	154
ENSG00000136247	720	809	829	595
ENSG00000136250	0	0	0	0
ENSG00000136261	531	497	623	404
ENSG00000136267	2	37	47	44
ENSG00000136270	582	493	499	444
ENSG00000136271	761	724	861	594
ENSG00000136273	234	239	300	189
ENSG00000136274	414	515	438	327
ENSG00000136279	2179	2500	2309	1651
ENSG00000136280	677	692	716	611
ENSG00000136286	0	3	1	1
ENSG00000136295	3185	2520	3766	2482
ENSG00000136297	0	0	0	0
ENSG00000136305	14	29	20	18
ENSG00000136319	347	306	370	228
ENSG00000136327	0	0	0	0
ENSG00000136352	0	0	0	0
ENSG00000136367	80	53	45	86
ENSG00000136371	106	128	124	69
ENSG00000136378	1057	1859	1115	1193
ENSG00000136379	337	457	536	467
ENSG00000136381	1065	1310	1260	1024
ENSG00000136383	24	24	12	48

ENSG00000136404	17	37	32	13
ENSG00000136425	74	81	65	70
ENSG00000136436	1617	2588	2686	1813
ENSG00000136444	559	522	462	495
ENSG00000136448	2928	3854	3610	3016
ENSG00000136449	51	56	38	28
ENSG00000136450	2453	2613	2952	2226
ENSG00000136451	1628	1868	2005	1312
ENSG00000136457	16	24	14	22
ENSG00000136463	241	297	323	206
ENSG00000136478	1602	2412	2160	2123
ENSG00000136485	1875	1807	1932	1485
ENSG00000136487	0	0	0	0
ENSG00000136488	0	0	0	1
ENSG00000136490	65	68	86	76
ENSG00000136492	82	86	115	88
ENSG00000136504	796	928	922	755
ENSG00000136514	86	92	34	56
ENSG00000136518	515	555	628	374
ENSG00000136521	864	965	1236	679
ENSG00000136522	335	354	355	288
ENSG00000136527	1382	1652	1573	1122
ENSG00000136531	508	571	231	187
ENSG00000136535	0	0	2	1
ENSG00000136536	1949	2155	2726	1606
ENSG00000136541	4	4	0	5
ENSG00000136542	2209	2829	4062	2902
ENSG00000136546	2681	3222	1710	3937
ENSG00000136560	954	1197	1212	769
ENSG00000136573	2	3	3	2
ENSG00000136574	0	0	0	0
ENSG00000136603	722	1077	1119	911
ENSG00000136628	3006	3526	3226	3079
ENSG00000136630	356	377	408	359
ENSG00000136631	666	912	809	785
ENSG00000136634	0	3	1	3
ENSG00000136636	1793	1845	2329	1523
ENSG00000136643	785	881	926	749
ENSG00000136682	378	396	337	291
ENSG00000136688	0	0	0	0
ENSG00000136689	3	3	4	1
ENSG00000136694	0	0	0	0
ENSG00000136695	0	0	0	0

ENSG00000136696	0	0	0	0
ENSG00000136697	0	0	0	0
ENSG00000136698	0	0	0	0
ENSG00000136699	1312	1353	1452	987
ENSG00000136709	1027	1250	1482	1052
ENSG00000136710	653	717	866	612
ENSG00000136715	758	797	808	622
ENSG00000136717	1037	813	919	775
ENSG00000136718	534	543	518	413
ENSG00000136720	1141	1614	1426	1038
ENSG00000136731	3180	3566	2592	2377
ENSG00000136732	1378	1677	1808	1170
ENSG00000136738	846	1125	1214	980
ENSG00000136750	0	0	1	0
ENSG00000136754	1173	1211	1153	1036
ENSG00000136758	3073	3822	4253	2972
ENSG00000136770	502	653	707	559
ENSG00000136783	248	290	251	213
ENSG00000136802	1435	1537	1560	1390
ENSG00000136807	894	958	852	703
ENSG00000136810	2930	3439	3630	2058
ENSG00000136811	556	631	703	591
ENSG00000136813	2721	2595	3172	2523
ENSG00000136816	747	916	911	670
ENSG00000136819	899	1084	1248	836
ENSG00000136824	558	672	609	583
ENSG00000136826	1844	2149	1263	1529
ENSG00000136827	902	1040	1052	812
ENSG00000136828	137	157	144	161
ENSG00000136830	14126	16551	17953	11695
ENSG00000136834	0	0	0	0
ENSG00000136839	0	0	0	0
ENSG00000136840	422	341	377	331
ENSG00000136842	247	173	91	197
ENSG00000136848	1794	1884	1845	1690
ENSG00000136854	1248	1827	1946	1180
ENSG00000136856	172	134	141	161
ENSG00000136859	8468	9222	11387	7341
ENSG00000136861	1701	2476	2314	1517
ENSG00000136866	73	67	71	83
ENSG00000136867	111	164	141	140
ENSG00000136868	831	995	1218	836
ENSG00000136869	211	353	219	147

ENSG00000136870	378	413	411	360
ENSG00000136872	3	3	3	3
ENSG00000136874	313	474	439	346
ENSG00000136875	482	579	644	438
ENSG00000136877	775	988	1049	665
ENSG00000136878	566	704	626	571
ENSG00000136881	1	0	0	1
ENSG00000136883	1	0	0	3
ENSG00000136888	1177	1188	1434	1060
ENSG00000136891	705	687	730	560
ENSG00000136895	66	51	65	68
ENSG00000136897	263	262	308	227
ENSG00000136908	408	431	405	331
ENSG00000136918	1	1	1	2
ENSG00000136925	477	651	620	499
ENSG00000136928	41	291	49	106
ENSG00000136929	0	5	5	2
ENSG00000136930	1972	2118	2065	1558
ENSG00000136931	0	0	0	0
ENSG00000136932	157	176	220	137
ENSG00000136933	447	360	385	342
ENSG00000136935	708	847	825	784
ENSG00000136936	192	265	254	220
ENSG00000136937	889	1049	985	775
ENSG00000136938	2119	2776	2835	2206
ENSG00000136939	0	0	0	0
ENSG00000136940	552	534	540	454
ENSG00000136942	5855	5717	5808	3917
ENSG00000136943	1	4	7	5
ENSG00000136944	3	3	4	2
ENSG00000136950	376	395	431	339
ENSG00000136960	232	826	700	894
ENSG00000136982	127	51	75	86
ENSG00000136986	1562	1533	1797	1152
ENSG00000136997	596	608	651	435
ENSG00000136999	648	1037	526	1014
ENSG00000137033	864	1056	738	1256
ENSG00000137038	361	375	385	301
ENSG00000137040	580	564	518	457
ENSG00000137054	529	477	466	433
ENSG00000137055	652	788	810	573
ENSG00000137070	485	568	512	544
ENSG00000137073	615	1030	959	628

ENSG00000137074	428	547	498	393
ENSG00000137075	896	1006	998	762
ENSG00000137076	16499	19374	18068	13526
ENSG00000137077	0	0	0	0
ENSG00000137078	1	3	0	4
ENSG00000137080	0	0	0	0
ENSG00000137090	0	2	0	1
ENSG00000137094	425	360	523	284
ENSG00000137098	41	46	50	30
ENSG00000137100	880	949	960	661
ENSG00000137101	44	78	71	56
ENSG00000137103	463	662	688	466
ENSG00000137106	1088	1386	1380	971
ENSG00000137124	421	702	462	363
ENSG00000137133	178	191	106	168
ENSG00000137135	27	45	56	23
ENSG00000137142	0	0	0	1
ENSG00000137145	1499	1541	1538	1426
ENSG00000137154	29396	29371	27026	20119
ENSG00000137161	625	628	618	484
ENSG00000137166	352	387	416	325
ENSG00000137168	280	328	352	230
ENSG00000137171	410	500	476	392
ENSG00000137177	3730	4942	4361	4991
ENSG00000137185	125	134	141	154
ENSG00000137193	1227	1140	1296	580
ENSG00000137197	0	0	0	0
ENSG00000137198	179	253	238	132
ENSG00000137200	1319	1353	1422	1106
ENSG00000137203	23	79	207	157
ENSG00000137204	1	0	0	0
ENSG00000137207	2262	2461	2677	1996
ENSG00000137210	663	723	706	566
ENSG00000137216	926	1005	1269	812
ENSG00000137218	84	97	78	59
ENSG00000137221	621	778	669	550
ENSG00000137225	5	0	0	1
ENSG00000137251	0	0	0	0
ENSG00000137252	0	0	0	0
ENSG00000137261	11	12	20	6
ENSG00000137265	157	94	65	280
ENSG00000137266	388	303	400	222
ENSG00000137267	401	525	431	251

ENSG00000137269	95	126	131	90
ENSG00000137270	3	3	4	3
ENSG00000137273	3042	3211	3128	2722
ENSG00000137274	194	224	302	159
ENSG00000137275	1007	1114	1228	795
ENSG00000137285	46	74	45	29
ENSG00000137288	529	497	478	366
ENSG00000137309	3732	4006	3647	4113
ENSG00000137310	68	0	0	0
ENSG00000137312	463	491	482	313
ENSG00000137313	146	184	252	38
ENSG00000137321	0	0	0	0
ENSG00000137331	0	0	0	0
ENSG00000137332	0	0	1	0
ENSG00000137337	15	14	27	15
ENSG00000137338	151	165	206	166
ENSG00000137343	23	44	48	13
ENSG00000137345	0	0	0	0
ENSG00000137364	396	437	440	388
ENSG00000137384	0	0	0	0
ENSG00000137392	0	0	0	0
ENSG00000137393	61	69	55	100
ENSG00000137394	0	0	0	0
ENSG00000137397	0	0	0	0
ENSG00000137403	4	4	24	6
ENSG00000137404	24	32	20	16
ENSG00000137409	4327	5077	5019	3799
ENSG00000137411	121	148	32	1
ENSG00000137413	444	555	459	362
ENSG00000137414	1698	1850	1977	1617
ENSG00000137434	9	2	5	13
ENSG00000137440	0	0	0	0
ENSG00000137441	0	0	0	0
ENSG00000137449	190	332	332	156
ENSG00000137460	20	25	31	15
ENSG00000137462	52	19	29	39
ENSG00000137463	153	355	252	163
ENSG00000137473	0	3	1	0
ENSG00000137474	5	2	2	2
ENSG00000137478	608	854	949	622
ENSG00000137486	357	447	155	271
ENSG00000137491	1	4	4	2
ENSG00000137492	915	1005	933	789

ENSG00000137494	268	453	399	321
ENSG00000137496	69	137	92	105
ENSG00000137497	9280	10098	10332	7604
ENSG00000137500	1010	1191	1314	959
ENSG00000137501	844	1346	1750	828
ENSG00000137502	866	1272	904	726
ENSG00000137504	1394	1208	1528	1047
ENSG00000137507	3838	2521	3720	4299
ENSG00000137509	2399	3493	4402	2414
ENSG00000137513	206	238	238	172
ENSG00000137522	353	453	374	347
ENSG00000137547	381	349	349	244
ENSG00000137558	0	0	0	0
ENSG00000137561	8	3	1	2
ENSG00000137563	222	346	237	149
ENSG00000137571	5	6	7	6
ENSG00000137573	7963	36909	7758	15057
ENSG00000137574	380	396	394	353
ENSG00000137575	6784	7180	8718	6459
ENSG00000137601	753	875	1008	720
ENSG00000137628	477	456	658	429
ENSG00000137634	0	1	1	0
ENSG00000137642	32	20	19	20
ENSG00000137648	8	15	14	6
ENSG00000137656	195	237	249	165
ENSG00000137672	179	376	340	341
ENSG00000137673	0	1	0	0
ENSG00000137674	0	0	0	0
ENSG00000137675	5	2	3	3
ENSG00000137691	64	96	66	95
ENSG00000137692	290	321	357	287
ENSG00000137693	4439	5294	5677	4891
ENSG00000137699	2	10	3	0
ENSG00000137700	205	174	175	145
ENSG00000137707	1	0	1	0
ENSG00000137709	5	8	5	5
ENSG00000137710	1912	2498	3132	1751
ENSG00000137713	1060	1064	861	996
ENSG00000137714	238	249	241	245
ENSG00000137720	162	188	209	105
ENSG00000137726	12	2	0	7
ENSG00000137727	1246	1387	1744	1210
ENSG00000137731	2	0	0	0

ENSG00000137745	0	1	1	3
ENSG00000137747	6	10	10	6
ENSG00000137752	302	274	479	235
ENSG00000137757	0	0	0	0
ENSG00000137760	219	201	168	196
ENSG00000137764	571	517	534	565
ENSG00000137766	15	18	39	12
ENSG00000137767	1444	1722	2187	1430
ENSG00000137770	555	651	579	509
ENSG00000137776	1236	1447	1768	1145
ENSG00000137801	39038	61094	41460	34187
ENSG00000137802	677	812	775	582
ENSG00000137804	101	156	143	115
ENSG00000137806	201	198	269	153
ENSG00000137807	85	161	131	88
ENSG00000137809	3381	2518	588	1403
ENSG00000137812	35	90	29	43
ENSG00000137814	430	521	567	465
ENSG00000137815	1534	2043	2193	1358
ENSG00000137817	786	869	952	659
ENSG00000137818	21644	24519	18977	15821
ENSG00000137819	90	368	335	223
ENSG00000137821	301	447	355	297
ENSG00000137822	627	523	594	466
ENSG00000137824	617	694	670	461
ENSG00000137825	12	13	30	6
ENSG00000137831	2630	3743	4061	3262
ENSG00000137834	394	493	341	287
ENSG00000137841	5	8	5	4
ENSG00000137842	141	172	195	182
ENSG00000137843	1	1	3	3
ENSG00000137845	3749	4487	4363	3195
ENSG00000137857	43	27	17	47
ENSG00000137860	4	27	18	16
ENSG00000137868	2	8	7	11
ENSG00000137869	28	57	79	40
ENSG00000137871	649	886	927	680
ENSG00000137872	426	498	416	303
ENSG00000137875	0	0	1	2
ENSG00000137876	1128	1311	1413	1019
ENSG00000137877	6	11	24	14
ENSG00000137878	0	0	0	0
ENSG00000137880	29	40	40	45

ENSG00000137936	629	751	766	544
ENSG00000137941	532	558	666	400
ENSG00000137942	508	640	328	638
ENSG00000137944	385	928	526	613
ENSG00000137947	327	387	387	262
ENSG00000137948	1	0	4	1
ENSG00000137955	467	523	590	417
ENSG00000137959	63	71	80	23
ENSG00000137960	18	17	23	6
ENSG00000137962	2121	3905	2630	3081
ENSG00000137965	365	265	267	258
ENSG00000137968	7	7	6	9
ENSG00000137970	0	7	7	0
ENSG00000137975	839	620	399	1015
ENSG00000137976	1	0	0	0
ENSG00000137992	771	786	750	610
ENSG00000137996	559	613	557	444
ENSG00000138002	592	721	825	501
ENSG00000138018	301	347	406	282
ENSG00000138028	286	451	144	87
ENSG00000138029	2369	2402	2671	2377
ENSG00000138030	27	49	25	19
ENSG00000138031	1171	1689	1573	1660
ENSG00000138032	737	716	709	623
ENSG00000138035	349	439	477	354
ENSG00000138036	280	488	410	351
ENSG00000138039	1	18	24	1
ENSG00000138050	192	145	175	142
ENSG00000138061	1356	2075	3009	1244
ENSG00000138068	1	0	0	0
ENSG00000138069	3400	3416	3956	2773
ENSG00000138071	5296	5725	4849	4612
ENSG00000138073	1333	1403	1130	827
ENSG00000138074	269	320	361	259
ENSG00000138075	0	0	0	1
ENSG00000138078	2030	2582	2489	2041
ENSG00000138079	8	13	9	7
ENSG00000138080	14717	12610	10834	11069
ENSG00000138081	1384	1521	1788	1126
ENSG00000138083	0	3	0	0
ENSG00000138085	1818	1925	2086	1615
ENSG00000138092	240	280	280	215
ENSG00000138095	2193	2215	2653	2097

ENSG00000138100	1	0	1	4
ENSG00000138101	104	131	148	95
ENSG00000138107	3312	3520	3499	2576
ENSG00000138109	4	1	2	0
ENSG00000138111	94	81	103	80
ENSG00000138115	3	2	0	1
ENSG00000138119	11717	15642	19423	15180
ENSG00000138131	712	1340	869	950
ENSG00000138134	192	265	443	265
ENSG00000138135	54	70	80	48
ENSG00000138136	0	0	0	0
ENSG00000138138	534	564	594	445
ENSG00000138152	0	0	0	1
ENSG00000138160	244	285	164	172
ENSG00000138161	36	38	14	17
ENSG00000138162	126	175	195	222
ENSG00000138166	206	287	302	194
ENSG00000138172	1304	1427	1054	1074
ENSG00000138175	522	644	656	436
ENSG00000138180	44	43	53	54
ENSG00000138182	219	189	305	181
ENSG00000138185	1057	1199	1147	965
ENSG00000138190	302	352	347	414
ENSG00000138193	231	419	213	327
ENSG00000138207	9	5	3	10
ENSG00000138231	277	316	245	250
ENSG00000138246	3660	5242	5030	3927
ENSG00000138271	1	2	0	0
ENSG00000138279	2267	3041	2562	2200
ENSG00000138286	713	1023	840	687
ENSG00000138303	463	553	554	428
ENSG00000138308	0	2	0	0
ENSG00000138311	196	279	276	210
ENSG00000138315	0	0	1	0
ENSG00000138316	1334	1484	1908	1030
ENSG00000138326	11101	13609	13663	9722
ENSG00000138336	74	116	97	82
ENSG00000138346	74	67	114	41
ENSG00000138347	11	27	34	13
ENSG00000138356	1389	2630	4466	1922
ENSG00000138363	1096	1311	1396	907
ENSG00000138375	638	824	794	627
ENSG00000138376	75	139	146	88

ENSG00000138378	2	13	28	25
ENSG00000138379	8	128	127	47
ENSG00000138380	334	420	321	264
ENSG00000138381	765	1197	1349	969
ENSG00000138382	392	335	438	252
ENSG00000138385	1589	2042	2485	1362
ENSG00000138386	813	797	808	615
ENSG00000138395	71	150	230	86
ENSG00000138398	1188	1555	1803	1242
ENSG00000138399	173	190	276	135
ENSG00000138400	48	34	36	29
ENSG00000138411	47	34	97	56
ENSG00000138413	1930	1921	1495	1391
ENSG00000138430	1106	1205	1174	900
ENSG00000138433	717	1024	1106	753
ENSG00000138434	3813	3402	4444	3706
ENSG00000138435	5	6	4	0
ENSG00000138439	172	198	185	150
ENSG00000138442	448	399	492	404
ENSG00000138443	1228	1583	1848	1208
ENSG00000138448	4680	6511	7528	5554
ENSG00000138449	5137	7578	7774	6269
ENSG00000138459	826	1042	924	679
ENSG00000138463	319	342	441	293
ENSG00000138468	375	571	479	379
ENSG00000138472	0	0	0	0
ENSG00000138483	1	1	0	1
ENSG00000138495	122	174	168	123
ENSG00000138496	1330	1244	992	825
ENSG00000138587	77	121	89	70
ENSG00000138592	1438	1761	1919	1354
ENSG00000138593	2060	2486	2846	1820
ENSG00000138594	1753	2049	2113	1650
ENSG00000138600	1573	2529	1729	1281
ENSG00000138604	898	1148	1480	946
ENSG00000138606	195	145	83	133
ENSG00000138613	603	740	953	604
ENSG00000138614	557	681	538	439
ENSG00000138615	294	690	463	573
ENSG00000138617	215	261	214	220
ENSG00000138621	81	96	114	57
ENSG00000138622	0	1	0	0
ENSG00000138623	196	334	323	242

ENSG00000138629	689	832	888	606
ENSG00000138639	596	412	707	516
ENSG00000138640	1032	971	1336	947
ENSG00000138641	1064	1226	1220	891
ENSG00000138642	225	371	198	251
ENSG00000138646	157	91	48	128
ENSG00000138650	322	317	39	133
ENSG00000138653	2	0	0	0
ENSG00000138658	108	94	84	69
ENSG00000138660	289	253	268	201
ENSG00000138663	663	832	768	632
ENSG00000138668	1631	2089	1961	1579
ENSG00000138669	410	290	596	457
ENSG00000138670	7	16	13	10
ENSG00000138674	9665	10953	12276	8577
ENSG00000138675	1814	1402	2396	1521
ENSG00000138678	84	96	55	102
ENSG00000138684	0	0	2	0
ENSG00000138685	1715	2134	2167	1451
ENSG00000138686	451	704	691	515
ENSG00000138688	3770	4570	5153	4395
ENSG00000138696	37	50	49	39
ENSG00000138698	922	1401	1420	1011
ENSG00000138709	196	219	267	197
ENSG00000138722	1	1	0	1
ENSG00000138735	8795	15758	9715	10100
ENSG00000138738	270	374	285	376
ENSG00000138741	11	9	35	12
ENSG00000138744	108	229	165	191
ENSG00000138750	583	696	796	591
ENSG00000138755	1	0	0	0
ENSG00000138756	1962	3267	2648	1398
ENSG00000138757	2917	3249	3792	2634
ENSG00000138758	17096	26015	32507	23039
ENSG00000138759	7	44	8	12
ENSG00000138760	8849	11652	11743	9720
ENSG00000138764	1702	1414	1624	1319
ENSG00000138767	512	461	566	561
ENSG00000138768	2687	2747	2832	2198
ENSG00000138769	8	9	18	10
ENSG00000138771	967	962	984	1085
ENSG00000138772	41	167	54	49
ENSG00000138777	482	534	543	413

ENSG00000138778	159	252	193	187
ENSG00000138780	176	172	233	198
ENSG00000138785	279	358	380	219
ENSG00000138792	8	9	41	35
ENSG00000138794	204	192	211	158
ENSG00000138795	254	136	28	96
ENSG00000138796	627	585	580	495
ENSG00000138798	0	16	1	6
ENSG00000138801	1430	1363	1200	1031
ENSG00000138802	1098	1154	1332	876
ENSG00000138813	6	9	9	2
ENSG00000138814	1515	1378	1505	1208
ENSG00000138821	347	557	316	266
ENSG00000138823	1	2	1	2
ENSG00000138829	6867	4495	12342	3377
ENSG00000138834	1422	1686	1796	1361
ENSG00000138835	979	1057	1018	940
ENSG00000138867	1817	2174	2037	1436
ENSG00000138892	0	0	0	0
ENSG00000138942	1321	1401	1273	1201
ENSG00000138944	403	273	647	195
ENSG00000138964	1	0	0	0
ENSG00000139044	4	0	0	1
ENSG00000139053	0	0	0	0
ENSG00000139055	3	6	9	8
ENSG00000139083	441	707	635	417
ENSG00000139112	4089	8249	7327	4492
ENSG00000139116	130	84	93	56
ENSG00000139117	195	305	212	173
ENSG00000139131	192	271	290	140
ENSG00000139132	383	555	487	524
ENSG00000139133	73	52	56	47
ENSG00000139144	2	1	1	0
ENSG00000139146	47	60	59	56
ENSG00000139151	0	0	0	0
ENSG00000139154	680	888	1021	766
ENSG00000139155	0	1	3	0
ENSG00000139160	146	159	113	116
ENSG00000139163	650	776	779	611
ENSG00000139168	704	866	908	781
ENSG00000139173	215	272	221	200
ENSG00000139174	722	880	627	585
ENSG00000139178	1763	2530	1851	1492

ENSG00000139180	593	601	676	526
ENSG00000139182	522	841	624	571
ENSG00000139187	23	17	12	17
ENSG00000139190	394	554	634	468
ENSG00000139192	310	272	362	226
ENSG00000139193	84	102	80	64
ENSG00000139194	77	136	77	63
ENSG00000139197	1002	784	870	731
ENSG00000139200	287	549	624	324
ENSG00000139209	133	242	342	161
ENSG00000139211	182	194	181	271
ENSG00000139218	2169	2496	2747	2008
ENSG00000139219	0	0	0	0
ENSG00000139220	51	15	39	20
ENSG00000139223	0	0	0	0
ENSG00000139233	620	697	867	486
ENSG00000139239	0	6	6	6
ENSG00000139263	2280	2373	3107	1844
ENSG00000139266	189	174	218	153
ENSG00000139269	37	37	33	18
ENSG00000139278	2093	3685	3153	3001
ENSG00000139287	29	39	40	32
ENSG00000139289	4208	4295	4567	3709
ENSG00000139291	632	658	601	473
ENSG00000139292	1	6	0	2
ENSG00000139304	85	502	120	139
ENSG00000139318	150	180	205	198
ENSG00000139323	297	321	321	208
ENSG00000139324	1021	1229	1423	884
ENSG00000139329	11683	20816	22556	19909
ENSG00000139330	1	1	1	1
ENSG00000139343	300	278	246	233
ENSG00000139344	38	35	53	41
ENSG00000139350	462	525	599	450
ENSG00000139351	6	11	9	10
ENSG00000139352	0	0	0	0
ENSG00000139354	202	134	260	150
ENSG00000139364	37	97	79	121
ENSG00000139370	481	492	707	501
ENSG00000139372	350	360	414	332
ENSG00000139405	210	206	221	198
ENSG00000139410	95	123	93	56
ENSG00000139428	163	182	133	113

ENSG00000139433	814	1193	1252	892
ENSG00000139436	2014	2840	2611	1811
ENSG00000139437	403	456	390	333
ENSG00000139438	4	15	2	6
ENSG00000139445	0	0	0	0
ENSG00000139496	623	626	850	630
ENSG00000139505	856	839	989	752
ENSG00000139508	237	296	252	212
ENSG00000139514	594	752	596	609
ENSG00000139515	0	0	0	0
ENSG00000139517	149	175	150	116
ENSG00000139531	407	502	406	295
ENSG00000139537	16	26	26	26
ENSG00000139540	1	0	0	1
ENSG00000139546	373	372	328	252
ENSG00000139547	18	25	20	13
ENSG00000139549	0	0	0	0
ENSG00000139567	794	782	642	555
ENSG00000139572	0	0	0	0
ENSG00000139574	0	0	0	0
ENSG00000139579	371	406	433	335
ENSG00000139597	158	254	221	171
ENSG00000139610	0	6	3	1
ENSG00000139613	2639	2861	3411	2202
ENSG00000139618	90	81	120	122
ENSG00000139620	317	408	427	325
ENSG00000139624	581	780	674	556
ENSG00000139625	1672	2169	1989	1896
ENSG00000139626	7	7	7	7
ENSG00000139629	94	355	299	134
ENSG00000139631	408	453	451	360
ENSG00000139636	587	726	723	578
ENSG00000139637	563	621	564	442
ENSG00000139641	3736	3759	3712	2726
ENSG00000139644	9677	13483	12582	8755
ENSG00000139645	1472	1612	1955	1413
ENSG00000139648	0	0	0	0
ENSG00000139651	937	965	1081	639
ENSG00000139656	0	5	1	0
ENSG00000139668	271	317	371	279
ENSG00000139675	102	140	121	84
ENSG00000139679	210	192	194	157
ENSG00000139684	1887	2218	2305	1773

ENSG00000139687	1046	1327	1342	1025
ENSG00000139697	1326	1517	1490	1200
ENSG00000139714	33	125	77	50
ENSG00000139718	970	1076	998	830
ENSG00000139719	561	592	649	447
ENSG00000139722	628	556	638	488
ENSG00000139725	162	172	156	149
ENSG00000139726	1079	1286	1504	1095
ENSG00000139734	102	218	146	170
ENSG00000139737	7	0	3	0
ENSG00000139746	887	1072	1218	829
ENSG00000139767	2	4	7	2
ENSG00000139780	3	3	0	3
ENSG00000139793	1563	1496	1721	1466
ENSG00000139797	0	0	0	0
ENSG00000139800	1	0	0	0
ENSG00000139826	346	358	333	309
ENSG00000139832	102	83	97	54
ENSG00000139835	86	77	62	34
ENSG00000139842	1908	2388	2496	1936
ENSG00000139865	7	10	9	2
ENSG00000139874	312	286	234	251
ENSG00000139880	183	208	310	149
ENSG00000139890	2	7	6	11
ENSG00000139899	362	257	215	429
ENSG00000139908	30	59	47	31
ENSG00000139910	251	403	546	392
ENSG00000139914	5	1	0	0
ENSG00000139915	2	6	3	0
ENSG00000139921	1445	1071	1013	975
ENSG00000139926	6318	6989	8066	5813
ENSG00000139946	472	443	681	492
ENSG00000139970	15	177	60	25
ENSG00000139971	161	213	214	105
ENSG00000139973	16	32	28	14
ENSG00000139974	442	523	593	506
ENSG00000139977	611	674	630	502
ENSG00000139985	18	18	13	16
ENSG00000139988	5	5	10	0
ENSG00000139990	1301	1558	1596	1269
ENSG00000139998	215	317	369	248
ENSG00000140006	85	101	113	95
ENSG00000140009	9	11	10	5

ENSG00000140015	7	51	7	24
ENSG00000140022	723	507	135	227
ENSG00000140025	174	137	130	119
ENSG00000140030	5	1	2	1
ENSG00000140043	208	295	172	204
ENSG00000140044	1518	1951	1445	1490
ENSG00000140057	12	26	8	8
ENSG00000140067	0	0	0	0
ENSG00000140090	14	16	13	13
ENSG00000140092	8127	10054	10640	7290
ENSG00000140093	10	3	11	6
ENSG00000140104	183	251	213	207
ENSG00000140105	3713	5524	3040	5099
ENSG00000140107	0	0	0	0
ENSG00000140153	379	339	388	317
ENSG00000140157	848	956	895	736
ENSG00000140199	1230	1464	1211	1235
ENSG00000140254	0	1	1	1
ENSG00000140259	852	1058	1084	744
ENSG00000140262	2774	4084	3782	2792
ENSG00000140263	312	278	385	214
ENSG00000140264	7477	7105	6533	6457
ENSG00000140265	601	717	725	462
ENSG00000140274	0	0	0	0
ENSG00000140279	0	4	1	1
ENSG00000140280	75	53	55	67
ENSG00000140284	1	4	2	1
ENSG00000140285	9489	10682	12808	10440
ENSG00000140287	1	0	1	0
ENSG00000140297	22	12	28	9
ENSG00000140299	1623	2043	2248	1415
ENSG00000140307	633	614	605	374
ENSG00000140319	3896	4858	5460	2943
ENSG00000140320	727	630	615	540
ENSG00000140323	92	195	69	161
ENSG00000140326	381	374	470	343
ENSG00000140332	501	534	743	524
ENSG00000140350	795	1012	1101	683
ENSG00000140365	798	810	777	642
ENSG00000140367	1193	1169	1383	974
ENSG00000140368	8	23	25	9
ENSG00000140374	1075	1325	1391	1133
ENSG00000140379	15	16	43	24

ENSG00000140382	618	930	941	719
ENSG00000140386	336	429	254	243
ENSG00000140391	3733	6025	6127	4032
ENSG00000140395	546	670	583	496
ENSG00000140396	1460	2200	1678	1438
ENSG00000140398	189	174	115	223
ENSG00000140400	2172	1982	1428	1699
ENSG00000140403	78	133	35	92
ENSG00000140406	230	216	217	193
ENSG00000140416	3046	5337	4322	4192
ENSG00000140443	4320	4188	3806	3742
ENSG00000140450	1700	1839	1644	1585
ENSG00000140451	104	164	193	105
ENSG00000140455	484	601	646	440
ENSG00000140459	23	34	41	32
ENSG00000140463	635	829	792	647
ENSG00000140464	1540	1561	1361	1255
ENSG00000140465	0	0	2	0
ENSG00000140470	7	7	4	0
ENSG00000140471	124	157	131	143
ENSG00000140474	348	297	364	306
ENSG00000140478	0	0	2	4
ENSG00000140479	29	271	35	115
ENSG00000140481	0	0	0	0
ENSG00000140488	28	59	39	27
ENSG00000140497	1180	1411	1431	1058
ENSG00000140505	6	21	15	6
ENSG00000140506	0	0	0	1
ENSG00000140511	47	190	46	100
ENSG00000140519	0	0	2	0
ENSG00000140521	898	898	1166	670
ENSG00000140522	0	0	1	0
ENSG00000140525	213	274	322	285
ENSG00000140526	1647	1628	1582	2054
ENSG00000140527	7	7	0	13
ENSG00000140534	37	61	58	48
ENSG00000140538	48	9	24	11
ENSG00000140543	177	243	151	171
ENSG00000140545	4499	6867	8318	5702
ENSG00000140548	302	385	545	342
ENSG00000140553	1943	2123	1908	1485
ENSG00000140557	0	0	0	0
ENSG00000140563	167	277	124	172

ENSG00000140564	2120	2172	2840	1805
ENSG00000140575	5988	8059	9057	6563
ENSG00000140577	1392	1421	1897	1098
ENSG00000140598	564	593	511	501
ENSG00000140600	33	10	13	23
ENSG00000140612	2419	2694	2627	1996
ENSG00000140623	0	0	0	0
ENSG00000140632	1831	2166	2293	1545
ENSG00000140650	438	531	657	425
ENSG00000140675	7	8	7	4
ENSG00000140678	4	4	7	5
ENSG00000140682	1568	1886	1376	1372
ENSG00000140688	1638	1808	1833	1378
ENSG00000140691	223	274	203	268
ENSG00000140694	416	506	548	409
ENSG00000140718	1171	1442	1611	1108
ENSG00000140740	1967	2219	2320	1489
ENSG00000140743	642	698	1014	590
ENSG00000140749	21	24	15	7
ENSG00000140750	1355	1465	1316	1177
ENSG00000140795	38	74	63	52
ENSG00000140798	0	0	0	0
ENSG00000140807	54	82	35	73
ENSG00000140829	1239	1429	1465	977
ENSG00000140830	234	180	173	132
ENSG00000140832	10	16	14	7
ENSG00000140835	0	0	0	1
ENSG00000140836	1295	1612	1494	1315
ENSG00000140839	1	0	1	0
ENSG00000140848	414	393	400	465
ENSG00000140853	321	585	464	299
ENSG00000140854	391	394	341	326
ENSG00000140859	723	631	899	552
ENSG00000140873	0	1	0	0
ENSG00000140876	96	79	58	92
ENSG00000140905	227	224	272	212
ENSG00000140931	759	704	567	701
ENSG00000140932	0	1	1	2
ENSG00000140937	11253	13420	8259	10903
ENSG00000140939	240	384	324	249
ENSG00000140941	3468	3960	4004	3162
ENSG00000140943	3939	4486	4669	4112
ENSG00000140945	695	544	1062	355

ENSG00000140948	1726	1427	1419	1718
ENSG00000140950	431	465	521	398
ENSG00000140955	0	0	1	0
ENSG00000140961	249	142	257	150
ENSG00000140968	1	0	0	0
ENSG00000140983	1123	1037	1006	739
ENSG00000140986	11	14	11	10
ENSG00000140987	247	288	347	248
ENSG00000140988	25970	24075	25379	16224
ENSG00000140990	859	1080	1261	768
ENSG00000140992	1398	1467	1512	1463
ENSG00000140993	53	72	64	67
ENSG00000140995	940	1221	1028	737
ENSG00000141002	2916	2963	3016	2229
ENSG00000141012	655	606	876	469
ENSG00000141013	210	428	276	231
ENSG00000141026	279	348	331	279
ENSG00000141027	2592	2850	3722	2637
ENSG00000141028	1	2	2	0
ENSG00000141030	737	801	816	603
ENSG00000141034	485	517	611	433
ENSG00000141040	185	186	169	171
ENSG00000141052	59	73	187	163
ENSG00000141068	575	524	1150	408
ENSG00000141076	451	468	550	418
ENSG00000141084	532	704	639	475
ENSG00000141086	0	1	1	0
ENSG00000141096	0	0	0	2
ENSG00000141098	378	327	343	331
ENSG00000141101	728	790	936	623
ENSG00000141127	227	216	247	215
ENSG00000141161	1	1	2	1
ENSG00000141179	202	240	273	141
ENSG00000141194	0	0	0	0
ENSG00000141198	144	182	288	98
ENSG00000141200	0	0	0	0
ENSG00000141219	503	574	710	419
ENSG00000141232	846	1046	900	973
ENSG00000141252	1049	1335	1012	1029
ENSG00000141255	2	0	14	0
ENSG00000141258	1907	2043	1976	1694
ENSG00000141279	5344	6201	5048	4280
ENSG00000141293	2	0	0	0

ENSG00000141294	25	9	23	8
ENSG00000141295	505	398	378	378
ENSG00000141298	1026	1623	1947	1019
ENSG00000141314	13	4	3	11
ENSG00000141316	1	2	2	2
ENSG00000141337	391	576	882	370
ENSG00000141338	3938	5005	5655	3646
ENSG00000141349	563	735	823	646
ENSG00000141367	11806	13224	13102	10828
ENSG00000141371	2	2	1	1
ENSG00000141376	559	728	859	615
ENSG00000141378	190	219	230	163
ENSG00000141380	1483	1795	1917	1350
ENSG00000141384	79	47	51	63
ENSG00000141385	828	791	889	731
ENSG00000141391	78	157	134	129
ENSG00000141401	215	330	214	197
ENSG00000141404	87	80	143	58
ENSG00000141424	2331	2981	4152	2287
ENSG00000141425	661	700	749	494
ENSG00000141428	176	220	244	173
ENSG00000141429	1949	2297	1811	1858
ENSG00000141431	157	46	19	43
ENSG00000141433	0	0	0	1
ENSG00000141434	1	0	3	4
ENSG00000141437	0	0	0	0
ENSG00000141441	149	118	247	103
ENSG00000141446	254	397	388	257
ENSG00000141447	1750	2572	2389	2179
ENSG00000141448	165	314	176	167
ENSG00000141449	0	2	9	0
ENSG00000141452	321	293	418	294
ENSG00000141456	971	981	958	758
ENSG00000141458	629	779	1004	857
ENSG00000141469	111	167	24	219
ENSG00000141480	161	204	154	161
ENSG00000141485	10	11	5	7
ENSG00000141497	14	7	5	18
ENSG00000141499	118	93	119	84
ENSG00000141503	2040	2223	1817	1771
ENSG00000141504	839	770	775	722
ENSG00000141505	18	21	17	11
ENSG00000141506	0	0	1	0

ENSG00000141510	1168	992	1388	724
ENSG00000141519	130	103	164	84
ENSG00000141522	3964	4722	4399	3380
ENSG00000141524	7	2	3	4
ENSG00000141526	1697	1450	2148	1213
ENSG00000141527	80	109	74	83
ENSG00000141540	103	119	51	56
ENSG00000141542	400	371	271	290
ENSG00000141543	1067	956	1205	896
ENSG00000141551	3355	3795	4207	2876
ENSG00000141552	810	636	652	548
ENSG00000141556	1515	1970	2000	1368
ENSG00000141560	505	582	549	449
ENSG00000141562	776	818	963	692
ENSG00000141564	648	827	750	567
ENSG00000141568	942	1028	1178	718
ENSG00000141569	367	351	402	310
ENSG00000141570	178	153	166	117
ENSG00000141574	792	1017	758	894
ENSG00000141576	220	107	188	118
ENSG00000141577	223	212	254	181
ENSG00000141579	0	2	4	1
ENSG00000141580	1937	2402	2243	1753
ENSG00000141582	353	370	410	304
ENSG00000141622	3	2	3	3
ENSG00000141627	1060	1436	1402	1026
ENSG00000141639	0	0	0	1
ENSG00000141642	169	192	158	119
ENSG00000141644	1219	1180	1314	1108
ENSG00000141646	1736	1764	1601	1433
ENSG00000141655	14	30	4	17
ENSG00000141664	333	262	497	289
ENSG00000141665	40	59	59	49
ENSG00000141668	0	0	0	0
ENSG00000141682	72	90	153	87
ENSG00000141696	443	575	609	535
ENSG00000141698	593	819	772	600
ENSG00000141699	979	1207	1142	830
ENSG00000141736	1731	2313	1928	1721
ENSG00000141738	3	6	1	5
ENSG00000141741	498	495	568	386
ENSG00000141744	0	0	0	0
ENSG00000141748	5	1	8	1

ENSG00000141750	6	3	6	3
ENSG00000141753	62065	69116	171084	56649
ENSG00000141756	7285	6592	7934	6183
ENSG00000141759	500	581	501	408
ENSG00000141837	126	140	634	284
ENSG00000141854	26	38	18	32
ENSG00000141858	374	337	320	350
ENSG00000141867	1366	1688	1413	1245
ENSG00000141873	332	310	386	342
ENSG00000141905	4289	4651	4799	4131
ENSG00000141933	195	153	168	181
ENSG00000141934	167	120	40	87
ENSG00000141946	4	7	4	2
ENSG00000141956	237	219	348	194
ENSG00000141959	3694	3654	3369	2902
ENSG00000141965	434	476	498	374
ENSG00000141968	0	4	0	5
ENSG00000141971	432	422	402	312
ENSG00000141977	0	0	0	0
ENSG00000141979	0	0	0	0
ENSG00000141985	2190	2040	2057	1796
ENSG00000141994	233	278	229	213
ENSG00000142002	1386	1494	1567	1135
ENSG00000142025	0	1	1	1
ENSG00000142039	608	834	573	610
ENSG00000142046	234	162	216	160
ENSG00000142065	201	210	132	224
ENSG00000142082	302	464	350	339
ENSG00000142089	8824	9854	10749	8240
ENSG00000142102	561	574	667	407
ENSG00000142149	105	91	28	68
ENSG00000142156	68377	91845	98387	79378
ENSG00000142163	0	0	0	0
ENSG00000142166	2301	2524	2596	2181
ENSG00000142168	2694	3996	3944	2610
ENSG00000142173	86620	113502	100698	93653
ENSG00000142178	26	26	5	6
ENSG00000142182	0	0	0	0
ENSG00000142185	4	0	1	0
ENSG00000142186	1790	2327	2506	1651
ENSG00000142188	516	370	371	305
ENSG00000142192	28619	36667	30242	26208
ENSG00000142197	329	333	340	398

ENSG00000142207	897	891	1018	740
ENSG00000142208	2867	3000	2829	2255
ENSG00000142224	0	0	2	2
ENSG00000142227	3012	3233	2953	2479
ENSG00000142230	1712	1838	1876	1604
ENSG00000142233	12	14	13	7
ENSG00000142235	7	9	18	12
ENSG00000142252	147	154	171	144
ENSG00000142273	0	0	0	0
ENSG00000142279	485	495	629	510
ENSG00000142303	512	462	454	375
ENSG00000142319	0	0	0	1
ENSG00000142327	878	928	891	896
ENSG00000142330	281	291	245	187
ENSG00000142347	24	35	42	16
ENSG00000142396	649	670	789	524
ENSG00000142405	10	6	12	7
ENSG00000142408	23	29	304	71
ENSG00000142409	342	298	282	249
ENSG00000142444	164	186	209	182
ENSG00000142449	0	0	0	0
ENSG00000142453	1300	1332	1573	1265
ENSG00000142459	722	795	736	650
ENSG00000142484	0	0	0	0
ENSG00000142494	44	73	30	11
ENSG00000142507	1183	1198	1116	786
ENSG00000142511	0	0	0	1
ENSG00000142512	0	11	6	9
ENSG00000142513	0	2	0	2
ENSG00000142515	0	0	0	0
ENSG00000142528	142	147	191	189
ENSG00000142530	7	7	6	2
ENSG00000142534	18842	18203	17074	13174
ENSG00000142538	0	0	0	0
ENSG00000142539	0	0	0	0
ENSG00000142541	40931	38855	36269	28105
ENSG00000142544	32	32	29	31
ENSG00000142546	494	534	497	406
ENSG00000142549	1	1	2	1
ENSG00000142552	1856	2168	1979	1803
ENSG00000142556	193	271	240	199
ENSG00000142583	161	298	103	67
ENSG00000142599	2659	3754	2885	3082

ENSG00000142606	0	2	0	1
ENSG00000142609	12	15	29	11
ENSG00000142611	72	76	49	61
ENSG00000142615	1	4	0	3
ENSG00000142619	0	0	0	0
ENSG00000142621	1	0	4	5
ENSG00000142623	0	1	0	0
ENSG00000142627	29	107	92	102
ENSG00000142632	33	117	88	43
ENSG00000142634	508	476	590	521
ENSG00000142655	351	397	370	274
ENSG00000142657	3056	3612	4238	2039
ENSG00000142661	31	7	54	3
ENSG00000142669	2404	3518	2935	2415
ENSG00000142675	2	5	4	2
ENSG00000142676	13832	15372	14190	10528
ENSG00000142677	11	12	5	8
ENSG00000142684	134	149	149	93
ENSG00000142686	695	762	713	642
ENSG00000142687	1767	2304	2487	1598
ENSG00000142694	1051	1049	887	1227
ENSG00000142698	6	1	5	3
ENSG00000142700	2	38	3	23
ENSG00000142731	21	61	25	36
ENSG00000142733	815	844	706	794
ENSG00000142748	1	0	2	2
ENSG00000142751	518	653	799	629
ENSG00000142765	4	4	9	4
ENSG00000142784	1528	1825	1706	1403
ENSG00000142789	0	0	0	0
ENSG00000142794	911	1206	972	717
ENSG00000142798	13448	24326	12607	16445
ENSG00000142856	217	241	149	217
ENSG00000142864	4662	5477	5803	4307
ENSG00000142867	533	499	476	348
ENSG00000142871	1689	4036	2526	2010
ENSG00000142875	1188	1368	1515	1247
ENSG00000142892	1212	1630	1594	1014
ENSG00000142910	7	200	182	42
ENSG00000142920	71	46	79	32
ENSG00000142937	20248	20988	17766	14073
ENSG00000142945	56	30	29	23
ENSG00000142949	1927	3069	2930	2049

ENSG00000142959	7	14	8	3
ENSG00000142961	389	420	422	374
ENSG00000142973	0	1	2	4
ENSG00000143001	0	4	2	0
ENSG00000143006	0	0	0	0
ENSG00000143013	2007	2118	1839	1514
ENSG00000143028	34	100	23	85
ENSG00000143032	0	0	0	0
ENSG00000143033	173	176	255	167
ENSG00000143036	83	144	68	87
ENSG00000143061	41	7	2	4
ENSG00000143067	316	293	359	214
ENSG00000143079	1225	1581	1996	1152
ENSG00000143093	1158	1172	1180	898
ENSG00000143105	0	0	0	0
ENSG00000143106	943	1165	964	757
ENSG00000143107	0	1	0	0
ENSG00000143110	6	8	7	7
ENSG00000143119	0	0	0	0
ENSG00000143125	0	0	0	0
ENSG00000143126	45	108	60	65
ENSG00000143127	40	28	38	107
ENSG00000143147	1372	1426	1169	1169
ENSG00000143149	2725	3131	3199	1906
ENSG00000143153	79	370	125	402
ENSG00000143155	768	1096	1125	745
ENSG00000143156	304	437	363	217
ENSG00000143157	879	780	868	724
ENSG00000143158	636	793	965	614
ENSG00000143162	3723	3316	4275	2535
ENSG00000143164	2297	2887	3449	2121
ENSG00000143167	0	0	0	1
ENSG00000143171	2	0	0	3
ENSG00000143178	78	97	76	75
ENSG00000143179	718	884	887	634
ENSG00000143183	1244	1637	1817	1109
ENSG00000143184	0	1	0	0
ENSG00000143185	0	0	0	0
ENSG00000143190	362	553	422	278
ENSG00000143194	0	0	1	1
ENSG00000143195	3	4	4	4
ENSG00000143196	648	1887	204	2319
ENSG00000143198	1520	1625	1792	1176

ENSG00000143199	1	7	3	0
ENSG00000143207	547	633	639	476
ENSG00000143217	4	5	9	4
ENSG00000143222	993	1252	1201	909
ENSG00000143224	176	156	154	159
ENSG00000143226	18	68	58	45
ENSG00000143228	12	10	13	19
ENSG00000143248	143	199	149	111
ENSG00000143252	2635	2364	2157	1750
ENSG00000143256	305	304	413	213
ENSG00000143257	5	3	8	9
ENSG00000143258	503	456	408	345
ENSG00000143278	0	0	0	0
ENSG00000143294	632	861	1126	607
ENSG00000143297	9	22	46	26
ENSG00000143303	256	336	281	298
ENSG00000143314	512	485	469	365
ENSG00000143315	323	327	321	264
ENSG00000143318	0	9	4	3
ENSG00000143319	419	496	515	368
ENSG00000143320	2179	3680	2047	2080
ENSG00000143321	3362	4132	4175	3297
ENSG00000143322	1035	993	1017	871
ENSG00000143324	1032	1226	1599	877
ENSG00000143333	13	11	18	12
ENSG00000143337	3161	5025	4393	3679
ENSG00000143340	0	3	4	2
ENSG00000143341	1383	2850	1951	2519
ENSG00000143344	1327	1991	1703	1299
ENSG00000143353	214	277	230	167
ENSG00000143355	0	0	0	0
ENSG00000143363	323	317	387	248
ENSG00000143365	0	2	0	1
ENSG00000143367	137	526	225	181
ENSG00000143368	980	958	1120	779
ENSG00000143369	3631	6167	4319	5930
ENSG00000143373	630	614	815	544
ENSG00000143374	357	369	316	275
ENSG00000143375	2	0	7	3
ENSG00000143376	805	802	983	765
ENSG00000143379	540	776	835	541
ENSG00000143382	2220	3551	1886	3149
ENSG00000143384	5229	5256	5470	4431

ENSG00000143387	22932	45903	46919	29812
ENSG00000143390	899	729	986	672
ENSG00000143393	1979	2430	2492	1778
ENSG00000143398	1046	1519	1352	791
ENSG00000143401	535	705	842	578
ENSG00000143409	550	685	547	524
ENSG00000143412	70	76	69	75
ENSG00000143416	1846	2091	1661	1481
ENSG00000143418	3416	4113	4065	3182
ENSG00000143420	1659	1817	1628	1325
ENSG00000143429	965	1071	778	515
ENSG00000143434	210	124	202	128
ENSG00000143436	478	561	576	398
ENSG00000143437	2300	2037	2252	1977
ENSG00000143442	1189	1593	1711	1347
ENSG00000143443	146	151	232	108
ENSG00000143450	18	23	24	16
ENSG00000143452	1	0	2	0
ENSG00000143457	564	674	666	609
ENSG00000143458	386	405	436	319
ENSG00000143469	167	337	247	374
ENSG00000143473	4	4	9	2
ENSG00000143476	15	23	26	27
ENSG00000143479	243	274	312	192
ENSG00000143486	1548	1748	1499	1150
ENSG00000143493	419	442	453	291
ENSG00000143494	27	28	29	30
ENSG00000143498	125	118	135	110
ENSG00000143499	336	297	386	279
ENSG00000143502	0	0	0	0
ENSG00000143507	528	418	570	452
ENSG00000143512	10	6	29	15
ENSG00000143514	1065	1045	1341	948
ENSG00000143515	9940	8748	7934	9237
ENSG00000143520	4	9	5	4
ENSG00000143536	0	0	0	0
ENSG00000143537	1596	1711	1516	1340
ENSG00000143543	1600	1397	1172	1267
ENSG00000143545	4493	4996	5812	4578
ENSG00000143546	0	0	0	0
ENSG00000143549	3423	4922	4390	3159
ENSG00000143552	1	5	1	1
ENSG00000143553	520	628	628	449

ENSG00000143554	283	295	174	251
ENSG00000143556	0	0	0	3
ENSG00000143569	3809	4460	4851	3405
ENSG00000143570	2136	2377	2209	1795
ENSG00000143575	855	1112	991	705
ENSG00000143578	127	147	146	114
ENSG00000143590	31	35	25	21
ENSG00000143595	0	1	0	0
ENSG00000143603	2	5	8	4
ENSG00000143612	2601	2773	3405	2105
ENSG00000143614	317	340	269	250
ENSG00000143621	1637	1860	1902	1285
ENSG00000143622	367	500	512	315
ENSG00000143624	1364	1528	1435	1082
ENSG00000143627	0	0	0	0
ENSG00000143630	71	57	57	43
ENSG00000143631	445	238	51	207
ENSG00000143632	0	2	1	0
ENSG00000143633	106	154	156	114
ENSG00000143641	5731	5353	6484	4969
ENSG00000143643	172	206	190	199
ENSG00000143653	916	1258	1050	766
ENSG00000143669	979	1040	1148	873
ENSG00000143674	7	2	2	5
ENSG00000143702	1495	1962	2415	1787
ENSG00000143727	974	1113	1184	763
ENSG00000143740	641	695	710	553
ENSG00000143742	2618	2351	2751	2315
ENSG00000143748	280	398	447	320
ENSG00000143751	254	274	292	246
ENSG00000143753	2210	2380	2724	1931
ENSG00000143756	865	1077	1073	751
ENSG00000143761	5514	6122	5854	4529
ENSG00000143768	0	0	1	1
ENSG00000143771	1021	922	867	676
ENSG00000143772	1974	1573	1500	1787
ENSG00000143774	2211	2453	2326	1868
ENSG00000143776	2164	2941	3214	2185
ENSG00000143786	111	101	133	112
ENSG00000143793	166	147	138	139
ENSG00000143797	836	1065	1033	903
ENSG00000143799	1696	2026	1819	1419
ENSG00000143801	180	282	302	220

ENSG00000143811	689	722	666	532
ENSG00000143815	801	363	714	459
ENSG00000143816	134	153	105	144
ENSG00000143819	2233	2673	4146	2077
ENSG00000143839	0	5	5	2
ENSG00000143842	179	211	177	222
ENSG00000143845	244	317	269	299
ENSG00000143847	484	584	645	672
ENSG00000143850	458	895	1576	683
ENSG00000143851	9	9	11	7
ENSG00000143858	2	5	12	5
ENSG00000143862	477	526	588	453
ENSG00000143867	853	1341	573	927
ENSG00000143869	93	250	145	131
ENSG00000143870	6414	5918	5578	4394
ENSG00000143878	1951	2808	2660	1407
ENSG00000143882	17	25	14	18
ENSG00000143889	915	851	882	625
ENSG00000143891	811	766	765	707
ENSG00000143919	97	121	117	80
ENSG00000143921	0	0	1	0
ENSG00000143924	1049	1298	1264	900
ENSG00000143933	5140	8095	7972	5427
ENSG00000143942	8	11	15	6
ENSG00000143947	10228	8536	7441	6483
ENSG00000143951	195	296	288	224
ENSG00000143952	557	635	863	599
ENSG00000143954	0	0	0	0
ENSG00000143970	1356	1924	1961	1629
ENSG00000143971	392	497	507	366
ENSG00000143977	397	434	503	379
ENSG00000143994	11	41	16	20
ENSG00000143995	2215	2473	2359	1518
ENSG00000144010	0	0	0	1
ENSG00000144015	0	0	0	0
ENSG00000144021	1157	1560	1533	1056
ENSG00000144026	311	337	374	324
ENSG00000144028	4744	5559	5952	4103
ENSG00000144029	654	657	847	485
ENSG00000144031	58	60	56	72
ENSG00000144034	184	162	175	143
ENSG00000144035	0	1	1	0
ENSG00000144036	1626	1825	1855	1749

ENSG00000144040	287	408	328	237
ENSG00000144043	3487	3685	4114	3050
ENSG00000144045	0	1	0	0
ENSG00000144048	435	390	493	365
ENSG00000144057	9	2	12	7
ENSG00000144061	225	187	205	178
ENSG00000144063	81	181	70	227
ENSG00000144115	840	569	269	327
ENSG00000144118	1028	1162	1174	1061
ENSG00000144119	0	0	0	0
ENSG00000144120	80	88	87	74
ENSG00000144130	0	0	0	0
ENSG00000144134	288	396	415	292
ENSG00000144136	797	1080	820	796
ENSG00000144152	52	60	31	48
ENSG00000144158	0	0	0	0
ENSG00000144161	157	141	306	103
ENSG00000144182	51	98	82	55
ENSG00000144188	1	0	0	0
ENSG00000144191	2	176	0	6
ENSG00000144199	207	158	129	138
ENSG00000144214	8	10	11	6
ENSG00000144218	22	14	35	16
ENSG00000144224	3244	3285	3797	2925
ENSG00000144227	0	0	0	0
ENSG00000144228	359	469	512	421
ENSG00000144229	0	0	0	0
ENSG00000144230	16	11	7	3
ENSG00000144231	350	414	448	404
ENSG00000144233	629	726	744	564
ENSG00000144278	8	8	0	2
ENSG00000144283	1139	1900	1624	1210
ENSG00000144285	65	7	236	68
ENSG00000144290	2	2	1	2
ENSG00000144306	517	632	725	440
ENSG00000144320	2184	2317	2058	1570
ENSG00000144331	0	3	1	2
ENSG00000144339	16	44	50	17
ENSG00000144354	53	49	37	22
ENSG00000144355	0	5	6	4
ENSG00000144357	995	1156	1637	949
ENSG00000144362	48	60	78	46
ENSG00000144366	1182	1270	1020	1778

ENSG00000144369	1890	1809	2280	1821
ENSG00000144381	2385	2812	3257	2135
ENSG00000144395	48	29	33	33
ENSG00000144401	291	449	375	342
ENSG00000144406	72	134	129	100
ENSG00000144407	3	8	6	1
ENSG00000144410	3	9	8	4
ENSG00000144426	701	686	674	566
ENSG00000144445	406	487	422	362
ENSG00000144451	255	239	288	195
ENSG00000144452	7	8	6	4
ENSG00000144455	1808	2077	1674	1759
ENSG00000144460	3	4	2	1
ENSG00000144468	720	804	869	647
ENSG00000144476	1762	1776	1263	1731
ENSG00000144481	3	2	14	11
ENSG00000144485	23	28	16	27
ENSG00000144488	137	102	4	47
ENSG00000144504	156	162	167	156
ENSG00000144524	524	791	630	566
ENSG00000144535	266	259	291	209
ENSG00000144550	2	6	2	0
ENSG00000144554	61	42	98	41
ENSG00000144559	113	101	130	70
ENSG00000144560	897	1038	1254	785
ENSG00000144566	929	1338	1443	1018
ENSG00000144567	2685	2893	2819	2599
ENSG00000144579	2066	2080	2000	1722
ENSG00000144580	599	675	548	454
ENSG00000144583	105	323	119	117
ENSG00000144589	339	364	308	279
ENSG00000144591	827	787	802	583
ENSG00000144596	7	11	5	1
ENSG00000144597	266	310	450	286
ENSG00000144619	2	2	2	0
ENSG00000144635	643	625	830	574
ENSG00000144642	1206	1485	1899	1286
ENSG00000144644	62	62	35	66
ENSG00000144645	150	182	244	118
ENSG00000144647	780	684	514	513
ENSG00000144648	21	11	26	19
ENSG00000144649	213	141	21	64
ENSG00000144655	131	83	96	105

ENSG00000144659	492	487	520	411
ENSG00000144668	30	42	25	23
ENSG00000144671	0	1	0	0
ENSG00000144674	2931	3132	4646	3216
ENSG00000144677	1017	981	1026	814
ENSG00000144681	290	255	104	281
ENSG00000144711	1303	1769	1141	1240
ENSG00000144712	219	363	262	296
ENSG00000144713	14553	15886	13921	9844
ENSG00000144724	2040	2706	3581	1965
ENSG00000144730	1129	1572	349	1295
ENSG00000144736	309	527	673	403
ENSG00000144741	137	161	135	130
ENSG00000144744	1031	1528	1307	929
ENSG00000144746	5046	5697	5509	4223
ENSG00000144747	1275	1400	1803	1163
ENSG00000144749	1262	1343	2061	1416
ENSG00000144771	0	2	4	0
ENSG00000144785	74	156	131	84
ENSG00000144791	691	815	807	760
ENSG00000144792	19	37	54	16
ENSG00000144802	233	414	505	240
ENSG00000144810	2462	4131	4015	802
ENSG00000144815	1015	1080	1151	838
ENSG00000144820	0	1	0	0
ENSG00000144821	10	11	3	7
ENSG00000144824	1969	2798	2522	1602
ENSG00000144827	421	471	462	432
ENSG00000144834	1	0	0	2
ENSG00000144837	18	55	32	60
ENSG00000144840	416	421	483	360
ENSG00000144843	84	110	75	93
ENSG00000144847	1	2	0	2
ENSG00000144848	649	797	1049	640
ENSG00000144852	0	1	0	0
ENSG00000144857	1149	1748	818	1528
ENSG00000144867	526	683	725	617
ENSG00000144868	2	4	12	3
ENSG00000144891	110	56	99	34
ENSG00000144893	40	23	31	29
ENSG00000144895	1295	1526	1529	1243
ENSG00000144908	5	4	3	11
ENSG00000144909	339	374	417	254

ENSG00000144935	488	610	486	518
ENSG00000144959	157	311	302	189
ENSG00000144962	0	0	0	0
ENSG00000145002	12	7	14	0
ENSG00000145012	4333	4934	5069	4047
ENSG00000145014	319	347	420	317
ENSG00000145016	364	457	479	331
ENSG00000145020	266	234	235	237
ENSG00000145022	568	635	551	426
ENSG00000145029	426	556	397	353
ENSG00000145040	15	11	11	7
ENSG00000145041	580	581	729	464
ENSG00000145050	784	774	655	469
ENSG00000145075	316	461	348	370
ENSG00000145087	0	0	0	0
ENSG00000145088	8	4	6	4
ENSG00000145103	1	3	1	4
ENSG00000145107	7	7	3	3
ENSG00000145113	0	0	0	1
ENSG00000145147	750	1509	1307	1273
ENSG00000145191	564	599	751	435
ENSG00000145192	0	0	0	1
ENSG00000145194	22	11	20	19
ENSG00000145198	1	1	0	0
ENSG00000145214	526	399	426	427
ENSG00000145216	684	1103	1264	804
ENSG00000145217	104	103	137	105
ENSG00000145220	124	160	168	122
ENSG00000145241	258	452	416	367
ENSG00000145242	31	84	32	45
ENSG00000145244	58	116	86	96
ENSG00000145246	787	1245	1049	1139
ENSG00000145247	136	189	240	75
ENSG00000145248	0	1	2	0
ENSG00000145283	9	18	2	5
ENSG00000145284	522	709	527	562
ENSG00000145287	5	8	14	3
ENSG00000145293	495	446	434	422
ENSG00000145309	0	0	0	0
ENSG00000145321	0	0	0	0
ENSG00000145331	65	115	90	51
ENSG00000145332	268	254	310	404
ENSG00000145335	91	36	25	59

ENSG00000145337	444	265	149	440
ENSG00000145348	1336	1782	1492	1458
ENSG00000145349	3825	3997	4580	3940
ENSG00000145354	357	382	386	293
ENSG00000145358	79	53	39	49
ENSG00000145362	2728	2326	3562	2967
ENSG00000145365	172	124	152	99
ENSG00000145375	80	98	111	88
ENSG00000145384	1	4	3	3
ENSG00000145386	116	154	175	112
ENSG00000145388	527	697	605	443
ENSG00000145390	1911	4339	1525	4084
ENSG00000145391	4156	4773	4932	3521
ENSG00000145414	189	145	172	152
ENSG00000145416	54	73	36	53
ENSG00000145423	65	54	8	183
ENSG00000145425	20516	20715	18068	14374
ENSG00000145428	22	14	6	39
ENSG00000145431	1565	1160	1765	1149
ENSG00000145439	230	310	308	219
ENSG00000145451	3	7	3	3
ENSG00000145476	456	882	789	511
ENSG00000145491	2	9	5	6
ENSG00000145494	530	507	601	433
ENSG00000145495	2878	2733	2942	2447
ENSG00000145506	42	27	24	86
ENSG00000145526	20	13	20	12
ENSG00000145536	5	5	4	6
ENSG00000145545	543	493	561	418
ENSG00000145555	6108	8365	10248	6942
ENSG00000145569	15	5	10	2
ENSG00000145592	14070	14881	13940	10091
ENSG00000145604	339	658	554	357
ENSG00000145623	4984	6522	7439	4180
ENSG00000145626	0	0	0	2
ENSG00000145632	566	980	926	464
ENSG00000145642	1	0	0	0
ENSG00000145649	0	0	0	0
ENSG00000145675	1672	2476	1745	1910
ENSG00000145681	124	2022	618	1034
ENSG00000145685	3596	2858	3035	2457
ENSG00000145687	959	954	1178	811
ENSG00000145692	5	6	9	6

ENSG00000145700	8	13	4	15
ENSG00000145703	172	76	90	82
ENSG00000145708	0	1	2	0
ENSG00000145715	1600	1659	1954	1318
ENSG00000145721	0	1	8	2
ENSG00000145723	86	87	141	56
ENSG00000145725	925	1184	1814	1257
ENSG00000145730	9609	14440	13304	12130
ENSG00000145734	42	61	111	45
ENSG00000145736	36	187	114	89
ENSG00000145740	1170	1285	1440	933
ENSG00000145741	5540	6653	6176	4492
ENSG00000145743	492	765	522	450
ENSG00000145757	11	33	21	10
ENSG00000145777	232	204	328	347
ENSG00000145779	1063	1749	1281	1051
ENSG00000145780	733	673	690	542
ENSG00000145781	227	276	249	179
ENSG00000145782	1541	1523	1749	1118
ENSG00000145794	7	7	0	8
ENSG00000145808	16	5	6	4
ENSG00000145817	1897	2719	3024	1840
ENSG00000145819	441	539	665	491
ENSG00000145824	7	6	1	5
ENSG00000145826	7	9	6	5
ENSG00000145832	2	2	2	1
ENSG00000145833	1292	1301	1178	1104
ENSG00000145835	0	0	0	0
ENSG00000145839	0	0	0	0
ENSG00000145850	0	0	0	0
ENSG00000145860	941	1253	1366	679
ENSG00000145861	158	181	78	115
ENSG00000145863	0	0	0	0
ENSG00000145864	0	0	0	0
ENSG00000145868	793	968	1117	777
ENSG00000145879	0	1	0	4
ENSG00000145882	174	227	141	138
ENSG00000145888	1	1	2	0
ENSG00000145901	1768	2514	2414	2045
ENSG00000145907	3076	3173	3217	2335
ENSG00000145908	198	227	81	144
ENSG00000145911	112	128	69	90
ENSG00000145912	559	679	691	478

ENSG00000145916	499	660	525	555
ENSG00000145919	1368	1006	1346	1251
ENSG00000145920	1	0	1	0
ENSG00000145934	2	2	15	27
ENSG00000145936	7	10	18	11
ENSG00000145945	131	141	105	106
ENSG00000145949	50	44	32	55
ENSG00000145975	2	2	0	0
ENSG00000145979	146	175	106	144
ENSG00000145982	145	179	169	128
ENSG00000145990	163	146	234	89
ENSG00000145996	243	248	272	183
ENSG00000146001	12	20	23	7
ENSG00000146005	4	1	3	1
ENSG00000146006	220	150	74	117
ENSG00000146007	1187	1632	1559	1089
ENSG00000146013	0	0	0	0
ENSG00000146021	97	118	95	60
ENSG00000146038	2	16	16	16
ENSG00000146039	0	0	1	1
ENSG00000146047	0	0	0	0
ENSG00000146049	0	0	0	0
ENSG00000146054	34	23	31	28
ENSG00000146063	875	1070	988	762
ENSG00000146066	746	815	836	536
ENSG00000146067	1133	1204	1173	871
ENSG00000146070	0	2	1	2
ENSG00000146072	1773	1674	2506	1971
ENSG00000146083	409	466	524	313
ENSG00000146085	980	943	857	912
ENSG00000146090	0	0	0	3
ENSG00000146094	36	51	64	24
ENSG00000146109	259	294	260	211
ENSG00000146112	973	1026	1119	794
ENSG00000146122	1747	1846	1038	860
ENSG00000146143	442	650	514	399
ENSG00000146147	0	3	2	1
ENSG00000146151	3	0	1	6
ENSG00000146166	5	6	6	1
ENSG00000146192	10	13	4	5
ENSG00000146197	39	129	293	193
ENSG00000146205	9	22	34	31
ENSG00000146215	0	0	1	1

ENSG00000146216	1	0	0	0
ENSG00000146221	9	16	11	9
ENSG00000146223	2342	2722	2886	1853
ENSG00000146232	101	91	105	129
ENSG00000146233	87	137	21	160
ENSG00000146242	1260	1034	1057	1009
ENSG00000146243	121	169	131	230
ENSG00000146247	1816	2046	2189	1906
ENSG00000146250	336	900	706	439
ENSG00000146263	292	330	297	228
ENSG00000146267	6	7	11	4
ENSG00000146276	0	0	1	0
ENSG00000146278	1961	2118	2292	1699
ENSG00000146281	336	372	366	352
ENSG00000146282	879	1240	1153	838
ENSG00000146285	2	1	5	4
ENSG00000146350	164	219	202	143
ENSG00000146352	1	1	3	2
ENSG00000146360	0	0	0	0
ENSG00000146373	665	861	943	517
ENSG00000146374	124	123	64	88
ENSG00000146376	453	397	461	400
ENSG00000146378	0	0	0	0
ENSG00000146383	0	0	0	0
ENSG00000146385	0	0	0	0
ENSG00000146386	172	97	162	141
ENSG00000146399	0	0	0	0
ENSG00000146409	248	197	222	224
ENSG00000146410	17	12	7	17
ENSG00000146411	1145	1714	1940	1042
ENSG00000146414	613	626	953	541
ENSG00000146416	738	811	819	596
ENSG00000146425	857	887	932	719
ENSG00000146426	254	277	369	162
ENSG00000146433	1565	1580	1654	1370
ENSG00000146453	3	1	0	0
ENSG00000146457	1450	1808	2024	1157
ENSG00000146463	1448	1924	2168	1322
ENSG00000146469	0	0	0	0
ENSG00000146476	633	635	641	527
ENSG00000146477	5	1	12	1
ENSG00000146530	0	0	0	0
ENSG00000146535	3066	2823	2877	2222

ENSG00000146540	239	445	398	317
ENSG00000146555	1186	712	867	1649
ENSG00000146556	429	670	441	422
ENSG00000146574	334	416	522	347
ENSG00000146576	363	332	332	266
ENSG00000146587	312	432	504	342
ENSG00000146592	1162	1363	1195	1070
ENSG00000146618	0	0	0	0
ENSG00000146648	4701	6757	5915	5420
ENSG00000146670	55	45	33	40
ENSG00000146674	2520	4366	3176	4136
ENSG00000146676	1047	1075	1122	847
ENSG00000146677	2	1	1	1
ENSG00000146678	0	0	0	0
ENSG00000146700	6	13	11	5
ENSG00000146701	1839	2044	2238	1415
ENSG00000146707	99	144	115	110
ENSG00000146722	4	8	5	3
ENSG00000146729	655	744	805	673
ENSG00000146731	1866	1776	2115	1562
ENSG00000146733	233	302	184	194
ENSG00000146755	0	0	0	0
ENSG00000146757	94	115	114	88
ENSG00000146776	277	319	355	253
ENSG00000146802	654	886	955	625
ENSG00000146809	1	0	0	0
ENSG00000146826	264	234	298	149
ENSG00000146828	524	589	452	440
ENSG00000146830	1943	1643	1620	1264
ENSG00000146833	924	1227	1053	887
ENSG00000146834	1068	1205	1009	898
ENSG00000146839	0	0	0	0
ENSG00000146842	239	420	473	278
ENSG00000146856	18	46	46	52
ENSG00000146857	0	0	0	0
ENSG00000146858	129	119	142	108
ENSG00000146859	1022	1246	1338	1070
ENSG00000146872	767	960	987	760
ENSG00000146904	19	28	19	26
ENSG00000146909	299	435	450	380
ENSG00000146910	0	0	0	0
ENSG00000146918	277	304	301	320
ENSG00000146926	0	0	0	0

ENSG00000146938	8	21	341	140
ENSG00000146950	34	59	52	31
ENSG00000146955	0	0	0	0
ENSG00000146963	1127	1671	1660	1069
ENSG00000146966	2180	2636	2699	2149
ENSG00000147003	2	9	9	11
ENSG00000147010	1769	1645	1933	1503
ENSG00000147027	5172	12990	8567	7372
ENSG00000147036	1	3	27	9
ENSG00000147041	6	15	37	19
ENSG00000147044	1345	1172	1084	1070
ENSG00000147050	363	571	536	504
ENSG00000147059	40	81	53	28
ENSG00000147065	10172	11957	13497	8666
ENSG00000147081	0	0	0	0
ENSG00000147082	6	4	19	4
ENSG00000147099	261	291	294	232
ENSG00000147100	1495	1893	1614	1475
ENSG00000147113	3	8	5	4
ENSG00000147117	7	6	6	3
ENSG00000147118	135	184	206	154
ENSG00000147119	241	327	254	174
ENSG00000147121	248	298	262	191
ENSG00000147123	749	864	827	510
ENSG00000147124	239	301	268	217
ENSG00000147127	4	3	9	7
ENSG00000147130	1273	1480	1360	1051
ENSG00000147133	1093	1406	1281	1198
ENSG00000147138	0	0	0	0
ENSG00000147140	5185	6836	8025	5344
ENSG00000147144	136	141	66	132
ENSG00000147145	27	53	34	48
ENSG00000147155	114	136	134	89
ENSG00000147160	1	0	0	0
ENSG00000147162	5810	6830	6518	5045
ENSG00000147164	1504	1966	1855	1317
ENSG00000147166	3	3	5	3
ENSG00000147168	1	3	7	4
ENSG00000147174	47	29	32	19
ENSG00000147180	42	15	24	18
ENSG00000147183	0	0	0	0
ENSG00000147202	913	1283	1079	1039
ENSG00000147206	2	0	2	0

ENSG00000147223	0	0	3	2
ENSG00000147224	634	998	590	762
ENSG00000147231	49	18	61	87
ENSG00000147234	55	38	7	67
ENSG00000147246	0	0	0	0
ENSG00000147251	1482	2426	1969	1792
ENSG00000147255	1	1	15	1
ENSG00000147256	0	0	0	0
ENSG00000147257	723	1844	221	2017
ENSG00000147262	0	0	0	0
ENSG00000147274	3670	4029	3674	3395
ENSG00000147316	350	322	374	271
ENSG00000147324	467	527	385	261
ENSG00000147364	656	618	615	458
ENSG00000147378	0	0	0	1
ENSG00000147381	0	0	0	0
ENSG00000147383	277	260	305	186
ENSG00000147394	177	148	135	130
ENSG00000147400	864	900	1075	641
ENSG00000147403	28804	21466	20542	19650
ENSG00000147408	431	646	656	817
ENSG00000147416	2239	2357	2195	2085
ENSG00000147419	838	1068	1065	1119
ENSG00000147421	345	311	372	334
ENSG00000147432	0	0	0	0
ENSG00000147434	0	0	0	0
ENSG00000147437	96	83	119	57
ENSG00000147439	460	449	554	409
ENSG00000147443	1	0	0	2
ENSG00000147454	989	1123	1094	899
ENSG00000147457	656	769	810	589
ENSG00000147459	715	1308	1030	779
ENSG00000147465	19	16	6	9
ENSG00000147471	453	627	542	537
ENSG00000147475	1810	2545	2264	1863
ENSG00000147481	1	1	2	1
ENSG00000147485	0	1	1	1
ENSG00000147488	3	2	2	3
ENSG00000147509	114	87	145	94
ENSG00000147526	6025	7201	6654	6155
ENSG00000147533	1140	1216	1311	906
ENSG00000147535	519	705	562	565
ENSG00000147536	116	171	177	136

ENSG00000147548	1877	2140	2426	1808
ENSG00000147570	1	5	4	5
ENSG00000147571	0	0	0	0
ENSG00000147573	3	10	2	3
ENSG00000147576	140	254	135	200
ENSG00000147586	176	169	230	110
ENSG00000147588	0	3	0	1
ENSG00000147592	326	440	261	278
ENSG00000147596	1	4	4	5
ENSG00000147601	717	855	808	627
ENSG00000147604	19909	21566	19663	14616
ENSG00000147606	8	16	3	6
ENSG00000147613	0	0	0	0
ENSG00000147614	7	5	4	7
ENSG00000147642	389	596	400	334
ENSG00000147647	4	3	11	5
ENSG00000147649	2780	3618	4224	3000
ENSG00000147650	690	559	792	579
ENSG00000147654	178	256	286	201
ENSG00000147655	418	192	107	273
ENSG00000147669	532	520	594	400
ENSG00000147676	1	2	1	6
ENSG00000147677	3364	4237	4259	2771
ENSG00000147679	356	367	617	340
ENSG00000147684	759	958	1021	657
ENSG00000147687	315	339	317	235
ENSG00000147689	12	2	2	8
ENSG00000147697	0	1	7	1
ENSG00000147724	2	2	1	3
ENSG00000147789	332	414	415	271
ENSG00000147799	77	78	132	101
ENSG00000147804	77	122	115	93
ENSG00000147813	257	176	150	103
ENSG00000147852	1735	3272	1270	1830
ENSG00000147853	2169	2842	2759	2649
ENSG00000147854	1333	1218	1547	1157
ENSG00000147862	1061	1211	1087	1243
ENSG00000147869	0	0	0	0
ENSG00000147872	2299	2695	5008	2799
ENSG00000147873	0	0	0	0
ENSG00000147874	640	626	680	411
ENSG00000147883	768	1037	1070	342
ENSG00000147885	0	0	0	0

ENSG00000147889	885	1330	1058	947
ENSG00000147894	53	59	108	49
ENSG00000147896	0	0	0	0
ENSG00000147905	366	527	655	436
ENSG00000147912	281	353	420	292
ENSG00000147955	1248	1273	1525	928
ENSG00000147996	280	224	356	263
ENSG00000148019	331	418	374	322
ENSG00000148053	23	78	35	58
ENSG00000148057	50	91	92	87
ENSG00000148082	2365	2432	4132	2383
ENSG00000148090	254	291	275	284
ENSG00000148110	1357	1529	1431	1228
ENSG00000148120	402	534	485	322
ENSG00000148123	0	0	0	0
ENSG00000148136	1	0	0	0
ENSG00000148143	226	341	399	284
ENSG00000148153	413	549	726	315
ENSG00000148154	1129	1869	2020	875
ENSG00000148156	0	0	1	0
ENSG00000148158	996	858	1066	1067
ENSG00000148175	7003	8751	8806	6849
ENSG00000148180	13090	11845	13432	11212
ENSG00000148187	453	506	448	372
ENSG00000148200	8	5	25	8
ENSG00000148204	0	0	1	0
ENSG00000148215	0	0	0	0
ENSG00000148218	2100	1899	1770	1555
ENSG00000148219	305	348	310	231
ENSG00000148225	167	252	261	173
ENSG00000148229	435	594	525	424
ENSG00000148248	2564	2906	3134	2327
ENSG00000148288	63	67	38	45
ENSG00000148290	211	308	210	188
ENSG00000148291	55	83	74	62
ENSG00000148296	301	321	376	275
ENSG00000148297	469	423	408	371
ENSG00000148300	327	289	319	246
ENSG00000148303	11330	13076	13291	8455
ENSG00000148308	730	814	826	502
ENSG00000148331	476	594	584	460
ENSG00000148334	525	474	580	376
ENSG00000148335	342	406	389	325

ENSG00000148337	2941	3161	3402	2418
ENSG00000148339	354	364	325	240
ENSG00000148341	1402	1502	1281	1485
ENSG00000148343	684	526	521	432
ENSG00000148344	697	576	719	435
ENSG00000148346	0	0	0	0
ENSG00000148356	447	465	398	367
ENSG00000148357	6	5	7	1
ENSG00000148358	2809	3991	3433	2862
ENSG00000148362	238	212	164	205
ENSG00000148377	0	0	0	0
ENSG00000148384	353	367	343	323
ENSG00000148386	0	0	0	0
ENSG00000148396	2513	2713	2960	2196
ENSG00000148399	345	394	331	287
ENSG00000148400	279	298	439	314
ENSG00000148408	1	23	3	2
ENSG00000148411	1204	1087	1344	1067
ENSG00000148426	87	129	58	100
ENSG00000148429	424	424	459	362
ENSG00000148444	517	492	487	332
ENSG00000148450	406	476	378	340
ENSG00000148459	46	26	50	32
ENSG00000148468	590	816	733	748
ENSG00000148481	473	664	668	529
ENSG00000148482	0	0	0	0
ENSG00000148483	14	12	18	12
ENSG00000148484	2132	3311	2587	2244
ENSG00000148488	4	5	5	8
ENSG00000148498	1050	854	1296	854
ENSG00000148513	0	1	0	1
ENSG00000148516	7707	11645	12507	8816
ENSG00000148541	226	178	375	130
ENSG00000148572	589	777	884	585
ENSG00000148584	2	2	1	0
ENSG00000148600	0	0	0	0
ENSG00000148602	0	0	0	0
ENSG00000148604	2	2	1	5
ENSG00000148606	668	670	704	575
ENSG00000148634	1568	1661	1870	1347
ENSG00000148655	18	36	86	68
ENSG00000148660	893	1126	915	781
ENSG00000148671	169	430	239	382

ENSG00000148672	2748	2983	3168	2477
ENSG00000148677	0	0	2	1
ENSG00000148680	10	1	9	2
ENSG00000148688	360	347	398	307
ENSG00000148690	309	469	432	420
ENSG00000148700	5500	7002	6144	5140
ENSG00000148702	0	1	0	0
ENSG00000148704	0	0	0	0
ENSG00000148719	1005	1033	1224	903
ENSG00000148730	3061	2492	2764	2429
ENSG00000148734	10	11	20	17
ENSG00000148735	3	9	9	5
ENSG00000148737	652	983	967	606
ENSG00000148773	122	155	71	116
ENSG00000148795	3	31	16	13
ENSG00000148798	5	11	12	6
ENSG00000148803	115	135	165	110
ENSG00000148814	213	295	285	297
ENSG00000148824	309	264	324	291
ENSG00000148826	0	0	0	0
ENSG00000148832	79	73	83	81
ENSG00000148834	802	1414	1256	1013
ENSG00000148835	118	91	103	71
ENSG00000148840	687	725	809	544
ENSG00000148841	450	663	550	425
ENSG00000148842	390	518	557	420
ENSG00000148843	977	903	979	634
ENSG00000148848	2254	3145	2847	1262
ENSG00000148908	465	579	533	527
ENSG00000148925	543	692	801	473
ENSG00000148926	13310	18466	11358	14714
ENSG00000148935	6	12	5	7
ENSG00000148942	4	9	5	5
ENSG00000148943	355	474	505	384
ENSG00000148948	6	4	0	11
ENSG00000148950	45	79	89	57
ENSG00000148965	0	0	0	0
ENSG00000148985	341	354	336	299
ENSG00000149016	251	428	283	242
ENSG00000149021	0	0	0	0
ENSG00000149043	0	0	1	0
ENSG00000149050	90	79	98	68
ENSG00000149054	39	69	85	53

ENSG00000149084	1000	1256	1995	1263
ENSG00000149089	254	271	310	209
ENSG00000149090	6993	9434	8238	6680
ENSG00000149091	1142	1434	1289	1195
ENSG00000149100	2063	2434	2357	1672
ENSG00000149115	8330	8494	9304	5869
ENSG00000149124	2	2	1	5
ENSG00000149131	15831	25987	12577	19537
ENSG00000149133	0	0	0	0
ENSG00000149136	1652	2047	2736	1570
ENSG00000149150	546	532	552	586
ENSG00000149177	353	416	414	349
ENSG00000149179	448	586	491	290
ENSG00000149182	1252	1364	1332	949
ENSG00000149187	1501	1660	1742	1455
ENSG00000149196	377	476	402	380
ENSG00000149201	8	13	15	7
ENSG00000149212	3555	4153	3584	3010
ENSG00000149218	651	1175	893	850
ENSG00000149231	474	579	689	599
ENSG00000149243	25	20	7	27
ENSG00000149256	1570	1002	683	902
ENSG00000149257	9394	9198	9186	7704
ENSG00000149260	1594	1593	2232	1421
ENSG00000149262	529	548	751	464
ENSG00000149269	1192	1352	1457	1073
ENSG00000149273	18837	14960	13118	10410
ENSG00000149289	311	334	444	297
ENSG00000149292	228	286	212	235
ENSG00000149294	1	0	1	0
ENSG00000149295	0	0	1	0
ENSG00000149300	7	37	12	15
ENSG00000149305	2	4	3	4
ENSG00000149308	391	515	643	414
ENSG00000149311	2100	2868	2416	2328
ENSG00000149313	608	760	821	743
ENSG00000149328	8	1	3	2
ENSG00000149346	121	128	146	106
ENSG00000149357	1451	1738	1720	1302
ENSG00000149380	185	207	441	197
ENSG00000149403	165	34	51	78
ENSG00000149418	0	4	2	0
ENSG00000149428	1083	1149	923	800

ENSG00000149435	0	0	0	0
ENSG00000149451	9384	8202	6677	5240
ENSG00000149452	0	0	0	0
ENSG00000149474	350	391	386	296
ENSG00000149476	403	518	341	337
ENSG00000149480	1459	1374	1487	949
ENSG00000149483	419	572	732	365
ENSG00000149485	1677	1335	1442	822
ENSG00000149488	44	71	91	43
ENSG00000149489	146	180	141	152
ENSG00000149499	1034	1225	1202	1026
ENSG00000149503	351	243	309	182
ENSG00000149506	6	3	5	3
ENSG00000149507	0	0	0	0
ENSG00000149516	0	1	0	0
ENSG00000149527	2	3	1	11
ENSG00000149531	126	173	118	89
ENSG00000149532	1326	1473	1634	1015
ENSG00000149534	4	8	3	7
ENSG00000149541	453	475	376	375
ENSG00000149547	1861	2206	2432	1733
ENSG00000149548	22	30	30	25
ENSG00000149554	259	379	452	315
ENSG00000149557	1823	1867	1763	1588
ENSG00000149564	4	6	5	12
ENSG00000149571	356	593	540	295
ENSG00000149573	1	1	1	4
ENSG00000149575	245	135	49	273
ENSG00000149577	928	1289	1323	867
ENSG00000149582	189	331	199	185
ENSG00000149591	4364	12283	8297	7182
ENSG00000149596	9	50	27	25
ENSG00000149599	3	0	0	0
ENSG00000149600	624	791	847	637
ENSG00000149609	5	15	11	8
ENSG00000149633	388	449	326	442
ENSG00000149634	32	26	27	18
ENSG00000149635	0	0	0	0
ENSG00000149636	228	263	197	213
ENSG00000149639	1722	1686	1628	1411
ENSG00000149646	2	2	28	3
ENSG00000149651	0	0	0	0
ENSG00000149654	2	1	0	0

ENSG00000149657	880	939	1060	832
ENSG00000149658	793	982	915	704
ENSG00000149679	190	183	226	173
ENSG00000149716	393	519	502	351
ENSG00000149735	0	0	0	0
ENSG00000149742	0	0	1	2
ENSG00000149743	330	305	248	289
ENSG00000149761	369	391	366	325
ENSG00000149781	19	18	5	25
ENSG00000149782	723	817	688	651
ENSG00000149792	990	1003	1043	772
ENSG00000149798	867	1082	773	782
ENSG00000149806	4292	3967	3634	2935
ENSG00000149809	58	110	109	68
ENSG00000149823	1478	1695	1545	1177
ENSG00000149922	17	27	11	23
ENSG00000149923	1094	1222	1128	861
ENSG00000149925	18491	23405	22308	14564
ENSG00000149926	13	4	6	2
ENSG00000149927	8	4	11	25
ENSG00000149929	248	223	149	194
ENSG00000149930	1819	1754	1804	1368
ENSG00000149932	1128	1284	1116	952
ENSG00000149948	503	561	773	570
ENSG00000149968	44	65	148	36
ENSG00000149970	8	14	4	2
ENSG00000149972	0	0	0	1
ENSG00000150045	3	2	0	2
ENSG00000150048	1	3	2	0
ENSG00000150051	40	54	37	6
ENSG00000150054	11	33	19	34
ENSG00000150076	13	16	30	13
ENSG00000150093	37378	60547	53531	46480
ENSG00000150175	0	0	4	0
ENSG00000150201	0	0	0	0
ENSG00000150244	0	0	0	0
ENSG00000150261	0	0	0	0
ENSG00000150269	0	0	0	0
ENSG00000150275	4	3	1	4
ENSG00000150276	0	0	0	0
ENSG00000150281	293	388	253	259
ENSG00000150316	691	912	909	631
ENSG00000150337	9	8	19	4

ENSG00000150347	9688	10804	11927	9546
ENSG00000150361	0	0	0	0
ENSG00000150394	0	30	21	14
ENSG00000150401	251	305	279	265
ENSG00000150403	3354	4010	3920	3016
ENSG00000150433	249	294	276	227
ENSG00000150455	172	144	206	165
ENSG00000150456	133	130	180	99
ENSG00000150457	2125	2458	2755	2427
ENSG00000150459	1905	2616	2380	1685
ENSG00000150471	1	3	30	6
ENSG00000150477	335	568	459	377
ENSG00000150510	256	261	472	195
ENSG00000150526	3	8	0	5
ENSG00000150527	257	303	386	271
ENSG00000150540	850	955	1284	409
ENSG00000150551	0	0	0	4
ENSG00000150556	0	3	2	1
ENSG00000150593	3584	3782	3738	3289
ENSG00000150594	44	77	20	137
ENSG00000150625	10	22	16	10
ENSG00000150627	67	87	20	114
ENSG00000150628	6	6	2	3
ENSG00000150630	1511	1538	2175	1170
ENSG00000150636	112	75	176	98
ENSG00000150637	36	9	18	5
ENSG00000150656	2	14	9	3
ENSG00000150667	14	18	45	11
ENSG00000150672	59	45	50	34
ENSG00000150676	3	3	1	4
ENSG00000150681	0	0	4	0
ENSG00000150687	10067	16561	7121	7408
ENSG00000150712	632	798	717	690
ENSG00000150722	16	31	16	12
ENSG00000150732	0	0	0	0
ENSG00000150750	0	0	0	0
ENSG00000150753	1717	1980	2463	1542
ENSG00000150756	214	237	248	132
ENSG00000150760	4147	2992	3045	3052
ENSG00000150764	1004	1300	1087	1280
ENSG00000150768	389	447	538	350
ENSG00000150773	19	38	42	25
ENSG00000150776	525	706	855	640

ENSG00000150779	255	320	303	247
ENSG00000150782	3	4	4	3
ENSG00000150783	0	4	0	0
ENSG00000150787	334	349	550	233
ENSG00000150867	782	588	794	720
ENSG00000150873	5	6	4	6
ENSG00000150893	1	4	2	3
ENSG00000150907	255	232	235	257
ENSG00000150938	6323	12594	6552	7325
ENSG00000150961	2796	2926	3371	2609
ENSG00000150967	97	120	88	116
ENSG00000150977	609	860	736	649
ENSG00000150990	317	338	368	236
ENSG00000150991	27038	30902	37145	28934
ENSG00000150995	2920	2638	1714	2155
ENSG00000151005	0	0	0	0
ENSG00000151006	59	62	56	54
ENSG00000151012	823	905	2830	705
ENSG00000151014	37	73	55	27
ENSG00000151023	4	9	1	3
ENSG00000151025	1	1	0	8
ENSG00000151033	0	0	0	0
ENSG00000151062	28	54	14	38
ENSG00000151065	451	465	590	448
ENSG00000151067	2091	2724	3400	2109
ENSG00000151079	0	0	0	0
ENSG00000151090	325	482	389	468
ENSG00000151092	405	425	523	392
ENSG00000151093	111	121	120	93
ENSG00000151116	690	698	801	623
ENSG00000151117	147	61	73	120
ENSG00000151131	82	51	53	49
ENSG00000151135	2679	2725	2498	2127
ENSG00000151136	33	17	11	17
ENSG00000151148	1726	1958	1823	1314
ENSG00000151150	13	22	31	10
ENSG00000151151	328	238	367	211
ENSG00000151164	26	37	43	35
ENSG00000151176	4816	5873	6013	4799
ENSG00000151208	1672	1712	1809	1635
ENSG00000151224	0	0	1	0
ENSG00000151229	336	354	435	395
ENSG00000151233	664	670	985	482

ENSG00000151239	2896	3493	4172	2604
ENSG00000151240	1155	1279	1127	1276
ENSG00000151247	727	992	1066	727
ENSG00000151276	266	287	293	217
ENSG00000151287	131	111	137	97
ENSG00000151292	827	866	1015	812
ENSG00000151304	133	145	193	140
ENSG00000151320	73	91	86	104
ENSG00000151322	5	1	3	8
ENSG00000151327	517	786	812	614
ENSG00000151332	400	419	490	375
ENSG00000151338	314	385	378	360
ENSG00000151348	2740	3016	2561	2580
ENSG00000151353	392	566	687	375
ENSG00000151360	0	0	0	0
ENSG00000151364	25	52	38	24
ENSG00000151365	0	5	0	6
ENSG00000151366	1463	1851	1688	1320
ENSG00000151376	496	627	430	328
ENSG00000151379	0	0	0	0
ENSG00000151388	660	1667	919	722
ENSG00000151413	272	279	257	191
ENSG00000151414	2291	3688	3158	2036
ENSG00000151418	0	0	0	0
ENSG00000151422	781	1035	1096	822
ENSG00000151445	517	605	548	434
ENSG00000151458	985	1121	1360	843
ENSG00000151461	1132	1396	1442	1081
ENSG00000151465	1058	1132	1122	796
ENSG00000151466	183	184	225	149
ENSG00000151468	34	30	33	252
ENSG00000151470	84	135	134	96
ENSG00000151474	436	460	743	407
ENSG00000151475	0	0	0	0
ENSG00000151490	59	98	81	87
ENSG00000151491	1448	1347	2172	1223
ENSG00000151498	438	401	480	394
ENSG00000151500	427	588	564	409
ENSG00000151502	1526	1442	1567	1275
ENSG00000151503	353	347	376	311
ENSG00000151532	525	633	756	455
ENSG00000151552	451	516	450	346
ENSG00000151553	1306	1310	1419	1294

ENSG00000151572	47	23	51	63
ENSG00000151575	106	140	148	97
ENSG00000151576	210	202	253	222
ENSG00000151577	0	0	0	0
ENSG00000151611	219	268	276	176
ENSG00000151612	634	835	897	532
ENSG00000151615	0	0	0	0
ENSG00000151617	222	121	269	212
ENSG00000151623	79	112	103	166
ENSG00000151631	0	1	0	0
ENSG00000151632	2341	2408	1922	1781
ENSG00000151640	368	33	37	196
ENSG00000151650	8	5	8	3
ENSG00000151651	23	29	26	37
ENSG00000151655	3	4	3	6
ENSG00000151657	252	252	231	180
ENSG00000151665	352	409	427	362
ENSG00000151687	68	94	97	65
ENSG00000151689	379	458	439	346
ENSG00000151690	468	793	762	649
ENSG00000151692	13	8	17	17
ENSG00000151693	1012	1214	1464	1274
ENSG00000151694	1129	1226	1436	1212
ENSG00000151702	31	54	28	54
ENSG00000151704	3	3	1	6
ENSG00000151715	1	3	3	2
ENSG00000151718	917	1107	1323	997
ENSG00000151725	32	23	38	25
ENSG00000151726	622	787	956	781
ENSG00000151729	282	395	188	301
ENSG00000151743	75	94	88	77
ENSG00000151746	312	345	387	340
ENSG00000151748	1335	1283	2008	1228
ENSG00000151773	138	155	312	189
ENSG00000151778	154	143	151	105
ENSG00000151779	1637	1818	1810	1518
ENSG00000151789	76	475	120	172
ENSG00000151790	17	23	25	11
ENSG00000151806	452	475	601	471
ENSG00000151812	0	6	6	13
ENSG00000151834	1	4	2	0
ENSG00000151835	3388	3652	5055	5190
ENSG00000151838	0	0	1	0

ENSG00000151846	1	0	1	1
ENSG00000151849	160	157	127	127
ENSG00000151876	139	165	137	141
ENSG00000151881	222	238	242	209
ENSG00000151882	87	142	126	90
ENSG00000151883	408	358	530	277
ENSG00000151892	2400	3912	500	1397
ENSG00000151893	710	1028	1130	842
ENSG00000151914	20044	17780	21023	15291
ENSG00000151917	350	409	438	383
ENSG00000151923	1230	1336	1510	1167
ENSG00000151929	1075	1138	1296	907
ENSG00000151948	4	1	2	2
ENSG00000151952	0	0	0	0
ENSG00000151962	1	0	0	1
ENSG00000151963	0	0	0	0
ENSG00000151967	42	63	93	53
ENSG00000152034	1	3	3	1
ENSG00000152049	257	373	479	213
ENSG00000152056	19	48	40	29
ENSG00000152061	613	719	682	556
ENSG00000152076	99	155	164	161
ENSG00000152078	39	82	111	62
ENSG00000152082	970	901	748	757
ENSG00000152086	0	0	0	0
ENSG00000152092	1	1	1	1
ENSG00000152093	0	0	0	0
ENSG00000152102	3555	3613	3831	3254
ENSG00000152104	2798	3746	3557	2665
ENSG00000152117	415	344	229	166
ENSG00000152127	3876	4966	3549	2310
ENSG00000152128	1	1	4	3
ENSG00000152133	324	408	420	251
ENSG00000152137	767	926	823	626
ENSG00000152147	148	167	172	167
ENSG00000152154	59	153	105	91
ENSG00000152192	0	0	0	0
ENSG00000152193	317	353	372	294
ENSG00000152207	2	17	2	2
ENSG00000152208	0	2	0	0
ENSG00000152213	2	7	2	5
ENSG00000152214	0	0	0	0
ENSG00000152217	1612	1904	1449	1321

ENSG00000152219	587	654	648	510
ENSG00000152223	2348	4058	2912	2861
ENSG00000152229	119	227	214	117
ENSG00000152234	5392	5767	6348	4561
ENSG00000152240	312	335	301	235
ENSG00000152242	426	407	416	357
ENSG00000152253	10	8	9	0
ENSG00000152254	0	1	0	0
ENSG00000152256	988	1131	864	722
ENSG00000152266	0	0	0	0
ENSG00000152270	570	471	598	406
ENSG00000152284	530	513	542	484
ENSG00000152291	7597	10009	8361	8044
ENSG00000152292	5	12	5	14
ENSG00000152315	1	0	0	0
ENSG00000152332	2519	2810	2731	1922
ENSG00000152348	98	133	175	74
ENSG00000152359	126	105	86	90
ENSG00000152377	3057	4686	9634	4286
ENSG00000152380	47	38	44	33
ENSG00000152382	125	127	129	99
ENSG00000152402	86	235	34	87
ENSG00000152404	247	310	338	230
ENSG00000152409	1009	1094	1027	920
ENSG00000152413	89	137	262	85
ENSG00000152422	99	126	148	92
ENSG00000152430	0	1	4	0
ENSG00000152433	75	109	93	78
ENSG00000152439	174	295	220	199
ENSG00000152443	348	468	480	375
ENSG00000152454	71	80	74	65
ENSG00000152455	142	119	153	125
ENSG00000152457	276	303	273	257
ENSG00000152463	5	0	2	1
ENSG00000152464	142	167	208	127
ENSG00000152465	636	928	853	609
ENSG00000152467	2	4	2	2
ENSG00000152475	42	48	34	37
ENSG00000152484	696	812	745	688
ENSG00000152492	2999	3682	3875	2145
ENSG00000152495	91	123	99	171
ENSG00000152503	0	0	6	0
ENSG00000152518	6862	6138	7019	7153

ENSG00000152520	675	760	717	624
ENSG00000152527	416	1133	602	1063
ENSG00000152556	1614	1840	1588	1385
ENSG00000152558	3716	5524	6056	4237
ENSG00000152578	0	2	9	2
ENSG00000152580	11106	10955	4444	10261
ENSG00000152582	81	266	158	143
ENSG00000152583	57	133	115	78
ENSG00000152591	0	0	0	0
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ENSG00000152595	0	0	0	0
ENSG00000152601	4098	5442	4655	5561
ENSG00000152611	0	1	1	0
ENSG00000152620	330	316	441	376
ENSG00000152642	197	242	149	227
ENSG00000152661	2351	3343	3166	2560
ENSG00000152669	0	0	0	1
ENSG00000152670	0	0	0	0
ENSG00000152672	0	0	0	0
ENSG00000152683	717	901	777	658
ENSG00000152684	517	543	691	434
ENSG00000152689	17	23	23	44
ENSG00000152700	868	1259	1418	792
ENSG00000152705	1	3	4	2
ENSG00000152749	294	267	355	231
ENSG00000152760	2	0	1	1
ENSG00000152763	118	164	103	108
ENSG00000152766	0	1	0	0
ENSG00000152767	2414	3462	3485	1981
ENSG00000152778	537	598	538	432
ENSG00000152779	9	31	12	6
ENSG00000152782	111	106	146	110
ENSG00000152784	624	1021	1672	658
ENSG00000152785	5	9	12	17
ENSG00000152795	3106	3601	3075	2952
ENSG00000152804	263	391	276	273
ENSG00000152818	3367	4584	3511	4359
ENSG00000152822	1	1	5	3
ENSG00000152894	1319	1520	1891	1434
ENSG00000152904	551	651	551	481
ENSG00000152910	0	0	0	0
ENSG00000152926	410	608	653	506
ENSG00000152932	0	2	2	0

ENSG00000152936	0	5	6	2
ENSG00000152939	20	23	9	12
ENSG00000152942	336	418	6	323
ENSG00000152944	425	525	468	378
ENSG00000152952	2324	2890	3944	1875
ENSG00000152953	31	111	106	24
ENSG00000152954	109	3	7	0
ENSG00000152969	0	2	1	0
ENSG00000152977	0	0	0	6
ENSG00000152990	818	664	1259	804
ENSG00000153002	2	4	9	0
ENSG00000153006	422	617	647	357
ENSG00000153012	8	46	0	0
ENSG00000153015	456	524	671	397
ENSG00000153029	1435	2104	1707	1548
ENSG00000153037	306	444	593	284
ENSG00000153044	71	64	46	66
ENSG00000153046	471	565	839	549
ENSG00000153048	1762	2108	1881	1544
ENSG00000153060	0	4	1	1
ENSG00000153064	58	43	48	24
ENSG00000153066	564	753	616	567
ENSG00000153071	10875	13111	15519	10949
ENSG00000153086	12	10	13	5
ENSG00000153093	9	15	24	18
ENSG00000153094	671	637	567	569
ENSG00000153107	934	978	741	1194
ENSG00000153113	6656	8880	10158	6485
ENSG00000153130	902	942	826	828
ENSG00000153132	263	84	239	239
ENSG00000153140	223	327	321	259
ENSG00000153147	3611	2628	3259	2735
ENSG00000153157	3	8	6	5
ENSG00000153162	36	82	102	166
ENSG00000153165	0	10	7	11
ENSG00000153179	1192	1315	1168	923
ENSG00000153187	6633	7514	8858	5911
ENSG00000153201	3101	3695	3943	3030
ENSG00000153207	1191	1055	1467	937
ENSG00000153208	173	111	54	143
ENSG00000153214	955	1210	912	807
ENSG00000153230	0	0	0	0
ENSG00000153233	4	5	3	2

ENSG00000153234	70	58	63	39
ENSG00000153237	28	63	41	46
ENSG00000153246	942	1471	1136	1259
ENSG00000153250	3771	3874	4735	2857
ENSG00000153253	181	780	65	639
ENSG00000153266	0	0	0	0
ENSG00000153283	2	10	10	1
ENSG00000153291	387	538	355	608
ENSG00000153292	13	19	18	9
ENSG00000153294	0	0	0	0
ENSG00000153303	1	4	5	0
ENSG00000153310	238	247	249	193
ENSG00000153317	3157	4700	4695	2924
ENSG00000153339	1230	1347	1384	887
ENSG00000153347	0	0	0	0
ENSG00000153391	132	151	156	131
ENSG00000153395	503	298	409	369
ENSG00000153404	1	8	9	4
ENSG00000153406	202	242	166	161
ENSG00000153443	301	291	284	243
ENSG00000153446	30	9	31	7
ENSG00000153485	48	50	45	36
ENSG00000153487	219	238	227	176
ENSG00000153495	15	22	25	13
ENSG00000153498	0	0	2	2
ENSG00000153531	58	43	69	78
ENSG00000153551	128	157	217	113
ENSG00000153558	207	345	297	217
ENSG00000153560	1288	1483	1530	1049
ENSG00000153561	476	457	539	492
ENSG00000153563	0	0	1	0
ENSG00000153574	162	155	175	168
ENSG00000153684	0	0	0	0
ENSG00000153707	486	661	343	1062
ENSG00000153714	758	1051	824	890
ENSG00000153721	581	887	589	540
ENSG00000153767	210	222	288	168
ENSG00000153774	905	1087	1214	903
ENSG00000153779	0	0	0	0
ENSG00000153786	4162	4626	4832	3873
ENSG00000153789	0	2	16	3
ENSG00000153790	97	122	85	106
ENSG00000153802	1	0	1	0

ENSG00000153814	878	1196	1084	1212
ENSG00000153815	662	462	409	503
ENSG00000153820	0	0	1	0
ENSG00000153822	2	5	3	5
ENSG00000153823	1000	1224	1344	1165
ENSG00000153827	4703	6090	6301	4644
ENSG00000153832	111	130	124	90
ENSG00000153879	458	650	419	458
ENSG00000153885	357	126	60	116
ENSG00000153896	134	131	130	142
ENSG00000153898	69	71	108	21
ENSG00000153902	20	47	54	34
ENSG00000153904	1247	2606	2057	1629
ENSG00000153914	1578	1865	2182	1812
ENSG00000153922	703	728	854	508
ENSG00000153923	0	0	0	0
ENSG00000153930	8	10	3	5
ENSG00000153933	139	95	169	108
ENSG00000153936	1414	1540	1456	1570
ENSG00000153944	674	647	898	760
ENSG00000153956	1481	1716	2024	1134
ENSG00000153975	130	114	136	138
ENSG00000153976	129	137	197	96
ENSG00000153982	19	18	29	15
ENSG00000153989	1137	1131	1162	835
ENSG00000153993	607	1532	1050	532
ENSG00000154001	1136	1093	1189	944
ENSG00000154007	0	0	0	0
ENSG00000154016	2	1	0	3
ENSG00000154025	2	3	1	0
ENSG00000154027	470	602	909	471
ENSG00000154040	79	156	200	88
ENSG00000154059	948	952	942	837
ENSG00000154065	406	308	942	343
ENSG00000154079	107	142	135	92
ENSG00000154080	2	3	5	2
ENSG00000154096	7502	15948	21606	9664
ENSG00000154099	6	13	12	12
ENSG00000154102	103	120	91	94
ENSG00000154114	625	628	730	597
ENSG00000154118	1	1	1	1
ENSG00000154122	719	891	876	704
ENSG00000154124	422	393	437	372

ENSG00000154127	355	291	348	203
ENSG00000154133	12	12	6	8
ENSG00000154134	186	252	237	255
ENSG00000154143	0	0	0	0
ENSG00000154144	1039	1442	1297	1126
ENSG00000154146	6	10	65	16
ENSG00000154153	21	27	34	14
ENSG00000154162	1	6	1	1
ENSG00000154165	0	0	0	0
ENSG00000154174	1425	1723	1822	1385
ENSG00000154175	8438	7584	6105	6261
ENSG00000154188	1414	2585	4277	1631
ENSG00000154198	0	0	0	0
ENSG00000154217	100	179	201	98
ENSG00000154222	653	904	843	642
ENSG00000154227	1	1	0	0
ENSG00000154229	3020	4144	4567	2923
ENSG00000154237	1769	1607	1539	1423
ENSG00000154240	178	346	247	261
ENSG00000154252	0	0	0	0
ENSG00000154258	1147	2577	1906	2337
ENSG00000154262	1438	1849	1856	1636
ENSG00000154263	228	311	207	205
ENSG00000154265	339	613	403	523
ENSG00000154269	6	3	3	5
ENSG00000154274	4	6	5	2
ENSG00000154277	5967	6119	6300	2580
ENSG00000154305	2386	2779	3271	2092
ENSG00000154309	358	744	552	437
ENSG00000154310	1076	1188	1083	1139
ENSG00000154316	0	1	0	2
ENSG00000154319	60	81	70	50
ENSG00000154328	190	224	228	217
ENSG00000154330	2227	3529	2356	3212
ENSG00000154342	0	0	0	0
ENSG00000154358	464	242	652	230
ENSG00000154359	315	265	428	301
ENSG00000154370	350	354	361	337
ENSG00000154380	4044	5068	6846	4212
ENSG00000154415	0	0	0	0
ENSG00000154429	140	204	190	145
ENSG00000154438	3	4	4	5
ENSG00000154447	473	795	517	604

ENSG00000154451	19	21	21	25
ENSG00000154473	1404	1706	1671	1162
ENSG00000154478	2	6	0	2
ENSG00000154479	19	25	21	9
ENSG00000154485	0	1	1	2
ENSG00000154493	0	4	1	5
ENSG00000154511	1708	2177	2029	1579
ENSG00000154518	1465	1580	1514	1168
ENSG00000154529	73	142	11	195
ENSG00000154545	648	505	570	440
ENSG00000154548	9	5	4	21
ENSG00000154553	264	186	62	226
ENSG00000154556	4	9	87	18
ENSG00000154582	646	747	806	565
ENSG00000154589	145	196	168	132
ENSG00000154608	16	29	40	16
ENSG00000154611	0	0	0	0
ENSG00000154620	2	5	5	0
ENSG00000154639	30	5	17	11
ENSG00000154640	509	532	602	404
ENSG00000154642	280	274	318	246
ENSG00000154645	3	3	4	0
ENSG00000154646	0	0	0	0
ENSG00000154654	1543	2554	1534	1961
ENSG00000154655	16	3	4	6
ENSG00000154678	668	1073	1525	696
ENSG00000154710	1083	1413	1264	969
ENSG00000154719	193	232	241	170
ENSG00000154721	204	853	762	527
ENSG00000154723	934	1060	960	743
ENSG00000154727	865	1006	1147	808
ENSG00000154734	6515	13863	12088	13361
ENSG00000154736	589	2975	1928	798
ENSG00000154743	120	190	171	124
ENSG00000154760	54	40	39	22
ENSG00000154764	1	1	1	0
ENSG00000154767	2450	2676	2555	1910
ENSG00000154781	339	564	576	388
ENSG00000154783	35	37	18	64
ENSG00000154803	2078	1376	1880	1613
ENSG00000154813	677	855	974	649
ENSG00000154814	116	111	103	99
ENSG00000154822	315	363	305	338

ENSG00000154832	922	825	869	605
ENSG00000154839	20	17	18	25
ENSG00000154845	1564	1460	1948	1435
ENSG00000154856	895	806	1026	215
ENSG00000154864	285	256	240	109
ENSG00000154874	246	278	393	416
ENSG00000154889	708	674	700	633
ENSG00000154898	10	11	10	9
ENSG00000154914	6	2	11	3
ENSG00000154917	45	95	66	35
ENSG00000154920	28	21	13	23
ENSG00000154928	8	27	8	8
ENSG00000154930	280	361	197	374
ENSG00000154945	1111	1194	1235	992
ENSG00000154957	197	202	203	173
ENSG00000154975	0	0	0	0
ENSG00000154978	2068	1812	1805	1680
ENSG00000154997	16	25	24	19
ENSG00000155008	462	619	482	425
ENSG00000155011	16	31	12	22
ENSG00000155016	1125	1613	1396	1024
ENSG00000155026	5	4	10	7
ENSG00000155034	243	305	315	240
ENSG00000155052	6	1	1	2
ENSG00000155066	15	22	26	20
ENSG00000155070	0	0	1	1
ENSG00000155085	161	247	192	114
ENSG00000155087	0	1	0	0
ENSG00000155090	782	867	1086	807
ENSG00000155093	27	11	9	25
ENSG00000155096	2323	2539	2765	2571
ENSG00000155097	1594	1621	1978	1532
ENSG00000155099	360	363	531	411
ENSG00000155100	211	229	193	159
ENSG00000155111	929	918	943	962
ENSG00000155115	371	500	526	296
ENSG00000155158	394	356	468	432
ENSG00000155189	236	220	261	142
ENSG00000155229	1154	1420	1216	1115
ENSG00000155249	0	0	0	0
ENSG00000155252	1383	1439	1600	1097
ENSG00000155254	2338	2779	2609	2425
ENSG00000155256	494	482	487	379

ENSG00000155265	0	1	0	0
ENSG00000155269	28	47	28	46
ENSG00000155275	160	216	209	197
ENSG00000155287	493	614	684	409
ENSG00000155304	758	817	869	701
ENSG00000155307	1	1	0	1
ENSG00000155313	1455	2393	2299	1581
ENSG00000155324	245	582	612	388
ENSG00000155329	172	172	206	142
ENSG00000155330	112	96	188	87
ENSG00000155363	1061	977	1297	651
ENSG00000155366	4326	4429	5283	3263
ENSG00000155367	14	17	15	10
ENSG00000155368	713	852	923	526
ENSG00000155380	415	479	467	413
ENSG00000155393	329	172	170	156
ENSG00000155428	7	11	9	0
ENSG00000155438	388	430	627	243
ENSG00000155463	2048	2300	2513	1709
ENSG00000155465	128	144	218	105
ENSG00000155495	0	0	2	0
ENSG00000155506	3901	3759	5464	3567
ENSG00000155508	579	758	871	598
ENSG00000155511	2087	3143	1221	2197
ENSG00000155530	2	4	3	3
ENSG00000155542	49	63	89	70
ENSG00000155545	413	554	661	331
ENSG00000155561	863	1213	1025	939
ENSG00000155592	212	245	314	224
ENSG00000155621	199	324	317	205
ENSG00000155622	0	0	0	0
ENSG00000155629	25	42	165	33
ENSG00000155636	219	224	234	180
ENSG00000155640	123	138	176	104
ENSG00000155657	568	565	331	520
ENSG00000155659	0	0	0	0
ENSG00000155660	5216	5289	4501	3348
ENSG00000155666	45	104	122	45
ENSG00000155714	2	0	0	2
ENSG00000155719	0	2	2	1
ENSG00000155729	478	609	484	408
ENSG00000155744	369	395	382	346
ENSG00000155749	15	13	16	8

ENSG00000155754	26	42	49	15
ENSG00000155755	868	1075	1534	803
ENSG00000155760	1640	2722	2170	2014
ENSG00000155761	0	0	1	2
ENSG00000155792	26	55	52	37
ENSG00000155816	246	342	534	227
ENSG00000155827	1586	1651	1656	1377
ENSG00000155833	0	2	3	1
ENSG00000155846	26	16	18	15
ENSG00000155849	32	24	6	16
ENSG00000155850	605	654	649	680
ENSG00000155858	136	121	141	123
ENSG00000155868	210	207	168	145
ENSG00000155875	2	2	11	2
ENSG00000155876	2042	2255	1923	1872
ENSG00000155886	6	8	8	8
ENSG00000155890	0	0	0	0
ENSG00000155893	596	551	875	406
ENSG00000155897	46	10	39	82
ENSG00000155903	775	797	1156	586
ENSG00000155906	365	529	557	411
ENSG00000155918	0	2	1	2
ENSG00000155926	1	5	2	0
ENSG00000155957	843	925	831	851
ENSG00000155959	530	627	571	499
ENSG00000155961	14	19	3	17
ENSG00000155962	522	662	605	550
ENSG00000155966	10	8	0	3
ENSG00000155970	211	267	313	364
ENSG00000155974	2	3	7	3
ENSG00000155975	746	1059	930	687
ENSG00000155980	64	45	64	45
ENSG00000156006	0	0	0	1
ENSG00000156009	1	1	0	1
ENSG00000156011	2380	2750	3429	1902
ENSG00000156017	523	334	488	476
ENSG00000156026	570	1205	1107	738
ENSG00000156030	930	964	787	923
ENSG00000156042	144	177	127	144
ENSG00000156049	88	169	55	60
ENSG00000156050	255	307	321	186
ENSG00000156052	1346	1758	1972	1361
ENSG00000156076	0	2	0	0

ENSG00000156096	0	0	1	0
ENSG00000156097	4	4	3	4
ENSG00000156103	67	28	18	33
ENSG00000156110	405	532	498	388
ENSG00000156113	1525	1107	975	837
ENSG00000156127	0	0	5	0
ENSG00000156136	220	232	258	165
ENSG00000156140	116	407	122	185
ENSG00000156150	110	108	105	99
ENSG00000156162	1209	1510	1146	1136
ENSG00000156170	148	193	153	161
ENSG00000156171	1367	1481	1755	1342
ENSG00000156172	43	108	41	37
ENSG00000156194	96	103	84	12
ENSG00000156206	0	0	0	3
ENSG00000156218	84	112	110	91
ENSG00000156219	11	4	10	4
ENSG00000156222	0	0	0	0
ENSG00000156232	242	268	340	275
ENSG00000156234	0	0	0	0
ENSG00000156239	348	413	477	280
ENSG00000156253	417	489	404	371
ENSG00000156256	975	1168	1249	838
ENSG00000156261	2402	2349	2380	2120
ENSG00000156265	399	645	558	453
ENSG00000156269	1	0	1	3
ENSG00000156273	1461	1320	1984	1280
ENSG00000156282	0	0	0	0
ENSG00000156284	0	0	0	0
ENSG00000156298	2	0	1	0
ENSG00000156299	0	9	6	8
ENSG00000156304	804	1390	1091	853
ENSG00000156313	73	125	180	76
ENSG00000156345	198	192	227	157
ENSG00000156374	191	185	193	143
ENSG00000156381	212	308	257	144
ENSG00000156384	90	99	67	76
ENSG00000156395	0	0	0	0
ENSG00000156398	126	83	38	21
ENSG00000156411	727	807	899	573
ENSG00000156413	1	0	0	0
ENSG00000156414	12	5	4	31
ENSG00000156427	33	70	8	43

ENSG00000156453	15	7	43	21
ENSG00000156463	7	9	16	8
ENSG00000156466	14	18	10	7
ENSG00000156467	2368	3002	3709	2229
ENSG00000156469	214	263	277	213
ENSG00000156471	1963	3292	3370	2734
ENSG00000156475	7	24	6	17
ENSG00000156482	10309	11077	10340	7076
ENSG00000156486	175	244	192	252
ENSG00000156500	71	93	84	70
ENSG00000156502	283	404	433	370
ENSG00000156504	397	476	488	448
ENSG00000156508	287372	346235	313766	250481
ENSG00000156509	4	7	5	5
ENSG00000156510	5	1	0	1
ENSG00000156515	2415	2654	2794	1961
ENSG00000156521	302	231	264	251
ENSG00000156531	632	749	696	543
ENSG00000156535	3938	3174	5071	3866
ENSG00000156564	0	0	0	0
ENSG00000156574	2	4	2	1
ENSG00000156575	0	0	0	0
ENSG00000156587	1543	1597	1609	1167
ENSG00000156599	2314	2633	2935	2050
ENSG00000156603	225	262	268	170
ENSG00000156639	1848	2653	2837	1825
ENSG00000156642	2225	3238	2610	2478
ENSG00000156650	948	1095	1214	858
ENSG00000156671	1363	1567	1338	1147
ENSG00000156675	475	1423	1339	633
ENSG00000156687	0	0	0	0
ENSG00000156689	28	66	29	45
ENSG00000156697	369	352	498	277
ENSG00000156709	434	517	587	353
ENSG00000156711	159	218	589	239
ENSG00000156735	478	586	634	474
ENSG00000156738	0	0	0	0
ENSG00000156755	0	0	0	0
ENSG00000156787	138	151	169	133
ENSG00000156795	78	86	104	55
ENSG00000156802	463	592	493	398
ENSG00000156804	2269	2227	2610	2908
ENSG00000156831	276	293	324	249

ENSG00000156853	222	232	220	194
ENSG00000156858	494	447	491	348
ENSG00000156860	899	1332	1215	903
ENSG00000156869	248	236	321	348
ENSG00000156873	308	333	298	247
ENSG00000156875	1048	1153	1114	870
ENSG00000156876	68	78	90	71
ENSG00000156885	0	0	0	0
ENSG00000156886	6	8	1	8
ENSG00000156920	0	0	1	0
ENSG00000156925	0	0	4	1
ENSG00000156928	298	300	351	230
ENSG00000156931	1000	991	1103	925
ENSG00000156958	283	313	283	299
ENSG00000156959	2	3	1	0
ENSG00000156966	7	12	14	9
ENSG00000156968	75	59	99	41
ENSG00000156970	40	26	30	17
ENSG00000156973	320	335	377	246
ENSG00000156976	6672	7849	7830	6232
ENSG00000156983	408	446	438	350
ENSG00000156990	301	358	306	226
ENSG00000157005	5	22	4	0
ENSG00000157014	1011	661	867	768
ENSG00000157017	3	7	15	2
ENSG00000157020	1676	1943	1979	1307
ENSG00000157021	0	0	0	0
ENSG00000157036	233	275	273	189
ENSG00000157045	391	588	609	457
ENSG00000157060	0	0	0	0
ENSG00000157064	1	8	24	8
ENSG00000157077	756	1076	1030	943
ENSG00000157087	0	0	0	1
ENSG00000157093	0	0	0	0
ENSG00000157103	0	0	0	0
ENSG00000157106	3178	3545	3634	3442
ENSG00000157107	711	839	879	701
ENSG00000157110	2284	2898	3228	2300
ENSG00000157111	21	52	28	53
ENSG00000157119	0	0	0	0
ENSG00000157131	0	0	0	0
ENSG00000157150	42	45	74	37
ENSG00000157152	6	11	18	9

ENSG00000157168	109	87	256	47
ENSG00000157181	433	568	613	406
ENSG00000157184	226	355	350	243
ENSG00000157191	1186	1567	1417	1085
ENSG00000157193	80	136	83	97
ENSG00000157211	0	0	0	0
ENSG00000157212	384	436	407	310
ENSG00000157214	1498	1569	1014	1109
ENSG00000157216	1312	1420	1458	919
ENSG00000157219	0	0	0	0
ENSG00000157224	640	840	705	591
ENSG00000157227	29433	33084	41192	25760
ENSG00000157240	2112	1962	1757	2140
ENSG00000157259	1036	1188	1391	975
ENSG00000157303	2	16	0	14
ENSG00000157315	6	7	18	13
ENSG00000157322	8	7	6	4
ENSG00000157326	487	491	542	346
ENSG00000157330	6	10	8	14
ENSG00000157335	0	0	2	0
ENSG00000157343	11	20	7	13
ENSG00000157349	436	474	512	469
ENSG00000157350	443	771	840	382
ENSG00000157353	303	242	240	161
ENSG00000157368	78	121	107	74
ENSG00000157379	424	306	403	252
ENSG00000157388	7	15	11	12
ENSG00000157399	79	40	183	20
ENSG00000157404	536	885	538	447
ENSG00000157423	21	52	38	25
ENSG00000157426	291	335	297	282
ENSG00000157429	86	127	96	71
ENSG00000157445	215	156	90	147
ENSG00000157450	803	1115	855	628
ENSG00000157456	31	43	45	44
ENSG00000157470	2	27	0	2
ENSG00000157483	1114	2420	1623	1959
ENSG00000157500	1257	1354	1386	1296
ENSG00000157502	2	3	0	0
ENSG00000157510	231	254	308	165
ENSG00000157514	384	520	354	438
ENSG00000157538	1708	1596	1807	1434
ENSG00000157540	950	1105	1095	986

ENSG00000157542	28	34	37	39
ENSG00000157551	5	35	11	4
ENSG00000157554	6	6	3	6
ENSG00000157557	1236	1049	1611	930
ENSG00000157570	75	57	33	49
ENSG00000157578	23	42	32	31
ENSG00000157593	1956	1963	2050	1470
ENSG00000157600	285	234	328	209
ENSG00000157601	318	304	331	337
ENSG00000157613	3665	4151	4360	3775
ENSG00000157617	530	504	918	690
ENSG00000157625	649	816	759	618
ENSG00000157637	2644	2791	2455	2463
ENSG00000157653	14	17	15	1
ENSG00000157654	91	229	279	64
ENSG00000157657	785	823	1024	786
ENSG00000157680	406	460	851	813
ENSG00000157693	233	391	367	198
ENSG00000157703	1	0	0	0
ENSG00000157734	51	44	44	41
ENSG00000157741	579	831	677	716
ENSG00000157764	655	850	750	680
ENSG00000157765	7	7	4	2
ENSG00000157766	15	442	132	141
ENSG00000157778	150	170	153	127
ENSG00000157782	18	6	10	14
ENSG00000157796	1381	1815	1729	1465
ENSG00000157800	945	1148	924	998
ENSG00000157823	850	1109	1057	954
ENSG00000157827	1214	1391	1624	1464
ENSG00000157833	260	221	182	176
ENSG00000157837	1148	1260	1377	1029
ENSG00000157851	1	9	4	2
ENSG00000157856	0	0	2	0
ENSG00000157869	354	286	309	207
ENSG00000157870	203	201	202	167
ENSG00000157873	387	295	270	340
ENSG00000157881	20	10	6	5
ENSG00000157884	0	0	0	0
ENSG00000157890	5	1	10	0
ENSG00000157895	328	412	341	275
ENSG00000157911	299	394	426	323
ENSG00000157916	2275	2736	2889	2066

ENSG00000157927	21	87	62	56
ENSG00000157933	2131	2307	2381	2517
ENSG00000157954	1683	2427	2373	1618
ENSG00000157965	0	0	0	0
ENSG00000157978	473	719	588	460
ENSG00000157985	1144	1115	1399	1021
ENSG00000157992	12	11	5	6
ENSG00000157999	6	10	20	8
ENSG00000158006	228	318	299	242
ENSG00000158008	49	69	30	52
ENSG00000158014	9	15	14	17
ENSG00000158019	758	968	941	657
ENSG00000158022	0	0	2	1
ENSG00000158023	86	142	146	82
ENSG00000158042	565	758	732	495
ENSG00000158050	0	2	2	2
ENSG00000158055	2	1	4	5
ENSG00000158062	180	287	213	202
ENSG00000158077	2	2	5	4
ENSG00000158079	196	264	239	203
ENSG00000158089	20	44	38	47
ENSG00000158092	645	707	1008	457
ENSG00000158104	33	51	56	43
ENSG00000158106	7	14	9	5
ENSG00000158109	1866	2099	2123	1594
ENSG00000158113	21	49	41	27
ENSG00000158122	615	773	538	671
ENSG00000158125	11	50	13	9
ENSG00000158156	182	160	165	132
ENSG00000158158	239	269	230	147
ENSG00000158161	567	751	707	573
ENSG00000158163	155	215	164	99
ENSG00000158164	15	9	3	7
ENSG00000158169	268	248	329	220
ENSG00000158186	1031	1396	1575	1076
ENSG00000158195	4105	4917	4629	3805
ENSG00000158201	68	109	81	41
ENSG00000158220	8	6	6	3
ENSG00000158234	84	166	128	101
ENSG00000158246	18	35	29	19
ENSG00000158258	22	38	135	11
ENSG00000158270	4917	5952	3779	4735
ENSG00000158286	66	169	140	70

ENSG00000158290	2429	2969	3118	2224
ENSG00000158292	953	834	837	853
ENSG00000158296	55	96	98	95
ENSG00000158301	423	664	473	499
ENSG00000158315	43	55	30	27
ENSG00000158321	594	598	412	449
ENSG00000158352	90	40	60	62
ENSG00000158373	100	182	202	118
ENSG00000158402	6	10	2	6
ENSG00000158406	53	84	96	71
ENSG00000158411	323	346	436	343
ENSG00000158417	3125	3884	4073	3294
ENSG00000158423	19	23	19	11
ENSG00000158427	65	52	46	95
ENSG00000158428	2	5	4	8
ENSG00000158435	530	735	966	498
ENSG00000158445	57	242	58	113
ENSG00000158457	6	3	3	3
ENSG00000158458	4	1	4	1
ENSG00000158467	648	711	723	856
ENSG00000158470	1272	1964	1413	1012
ENSG00000158473	8	2	6	1
ENSG00000158477	0	0	0	0
ENSG00000158480	278	383	327	266
ENSG00000158481	0	0	0	0
ENSG00000158482	3	2	2	2
ENSG00000158483	124	172	132	99
ENSG00000158485	0	0	0	0
ENSG00000158486	4	8	3	3
ENSG00000158488	0	0	0	0
ENSG00000158497	0	0	0	0
ENSG00000158516	0	0	1	1
ENSG00000158517	7	9	4	2
ENSG00000158525	1	4	3	0
ENSG00000158526	721	841	794	682
ENSG00000158528	42	146	10	89
ENSG00000158545	909	947	1084	735
ENSG00000158552	425	486	490	369
ENSG00000158553	0	0	0	0
ENSG00000158555	372	736	370	475
ENSG00000158560	7	22	4	6
ENSG00000158571	0	3	1	1
ENSG00000158578	0	0	0	1

ENSG00000158604	1385	1401	1388	1047
ENSG00000158615	652	715	701	572
ENSG00000158623	828	1042	818	620
ENSG00000158636	531	492	633	407
ENSG00000158639	0	0	0	0
ENSG00000158669	1944	2007	2160	1719
ENSG00000158683	6	4	6	1
ENSG00000158691	175	218	198	138
ENSG00000158710	11095	11255	12343	8524
ENSG00000158711	943	954	1254	900
ENSG00000158714	13	6	17	14
ENSG00000158715	9	9	22	18
ENSG00000158716	106	83	111	92
ENSG00000158717	159	204	169	217
ENSG00000158731	0	0	0	0
ENSG00000158747	9797	11673	11456	6880
ENSG00000158748	0	1	0	0
ENSG00000158764	0	0	0	0
ENSG00000158769	77	104	14	46
ENSG00000158773	622	654	575	450
ENSG00000158786	0	0	0	0
ENSG00000158792	100	80	97	116
ENSG00000158793	363	471	511	340
ENSG00000158796	599	700	889	550
ENSG00000158805	317	380	323	277
ENSG00000158806	59	32	69	40
ENSG00000158813	74	41	38	31
ENSG00000158815	8	13	10	5
ENSG00000158816	3	12	7	4
ENSG00000158825	8	43	21	16
ENSG00000158828	3090	3299	3789	2866
ENSG00000158850	284	300	342	258
ENSG00000158856	46	47	46	53
ENSG00000158859	45	114	65	106
ENSG00000158863	1514	1569	1586	1132
ENSG00000158864	1327	1640	1547	1217
ENSG00000158865	4	0	0	1
ENSG00000158869	2	6	1	4
ENSG00000158874	0	3	7	0
ENSG00000158882	227	241	262	192
ENSG00000158887	13	17	27	17
ENSG00000158901	1	0	2	1
ENSG00000158941	1646	1827	1866	1467

ENSG00000158955	1	0	3	4
ENSG00000158966	326	393	328	443
ENSG00000158985	319	345	384	310
ENSG00000158987	1441	1433	1065	1037
ENSG00000159023	535	670	470	438
ENSG00000159055	109	74	87	80
ENSG00000159063	401	473	426	394
ENSG00000159069	1971	2220	2513	1510
ENSG00000159079	253	304	303	346
ENSG00000159082	492	701	740	375
ENSG00000159086	747	620	905	793
ENSG00000159110	398	482	427	264
ENSG00000159111	870	784	733	627
ENSG00000159128	198	180	107	150
ENSG00000159131	851	1194	1284	961
ENSG00000159140	6474	7069	7983	6172
ENSG00000159147	186	210	257	197
ENSG00000159164	478	487	726	433
ENSG00000159166	0	0	0	0
ENSG00000159167	262	262	606	192
ENSG00000159173	0	10	0	2
ENSG00000159176	2325	3670	3226	3526
ENSG00000159182	0	0	0	0
ENSG00000159184	2	3	0	1
ENSG00000159186	0	0	0	0
ENSG00000159189	0	0	0	0
ENSG00000159197	1	5	0	2
ENSG00000159199	473	374	339	235
ENSG00000159200	801	4186	1011	1770
ENSG00000159202	3145	3257	3550	2668
ENSG00000159208	107	80	114	57
ENSG00000159210	967	973	889	641
ENSG00000159212	446	635	430	560
ENSG00000159214	82	88	88	44
ENSG00000159216	2771	3805	3726	2552
ENSG00000159217	102	150	198	141
ENSG00000159224	1	2	2	3
ENSG00000159228	1313	1481	1674	1087
ENSG00000159231	253	318	263	285
ENSG00000159239	129	149	97	118
ENSG00000159247	0	0	0	0
ENSG00000159248	0	1	0	0
ENSG00000159251	1	1	17	0

ENSG00000159256	697	951	789	712
ENSG00000159259	69	129	119	114
ENSG00000159261	0	1	2	2
ENSG00000159263	27	22	26	19
ENSG00000159267	621	904	838	775
ENSG00000159289	0	3	2	0
ENSG00000159307	175	48	332	45
ENSG00000159314	42	42	37	47
ENSG00000159322	1248	1272	1274	1043
ENSG00000159335	2802	5307	4764	3528
ENSG00000159337	1	4	1	3
ENSG00000159339	1	0	1	0
ENSG00000159346	1342	1836	1934	1206
ENSG00000159348	728	1011	1040	675
ENSG00000159352	1665	1984	1926	1344
ENSG00000159363	243	411	505	295
ENSG00000159374	1	5	4	0
ENSG00000159377	2838	3041	2878	2098
ENSG00000159387	1	4	0	0
ENSG00000159388	1197	1122	1157	991
ENSG00000159398	0	0	0	0
ENSG00000159399	815	615	992	874
ENSG00000159403	50049	55449	40766	42639
ENSG00000159409	0	0	0	0
ENSG00000159423	342	396	480	236
ENSG00000159433	1027	770	831	731
ENSG00000159445	242	333	392	248
ENSG00000159450	0	1	1	2
ENSG00000159455	0	3	0	0
ENSG00000159459	821	1129	1183	779
ENSG00000159461	2094	2934	2794	1881
ENSG00000159479	453	595	637	423
ENSG00000159495	0	0	1	0
ENSG00000159496	104	142	131	119
ENSG00000159516	0	0	0	0
ENSG00000159527	0	0	0	0
ENSG00000159556	36	20	33	40
ENSG00000159579	1036	1051	1247	764
ENSG00000159588	5	9	5	7
ENSG00000159592	1254	1458	1530	1012
ENSG00000159593	629	780	789	599
ENSG00000159596	462	514	568	413
ENSG00000159618	0	1	0	0

ENSG00000159625	1	3	0	2
ENSG00000159640	130	170	249	166
ENSG00000159648	1	2	2	11
ENSG00000159650	0	0	0	0
ENSG00000159658	2859	3545	3603	3041
ENSG00000159674	14003	8138	18200	9436
ENSG00000159685	105	166	147	105
ENSG00000159692	2747	2475	2513	2079
ENSG00000159708	7	16	10	13
ENSG00000159712	1	1	2	1
ENSG00000159713	20	17	28	26
ENSG00000159714	435	392	506	402
ENSG00000159720	1662	1937	1994	1667
ENSG00000159723	1	0	1	0
ENSG00000159733	226	236	217	180
ENSG00000159753	5	4	2	1
ENSG00000159761	63	83	82	54
ENSG00000159763	0	4	0	0
ENSG00000159784	260	316	231	262
ENSG00000159788	476	428	599	527
ENSG00000159792	1111	1100	1205	872
ENSG00000159840	7532	9198	7694	6270
ENSG00000159842	45	33	76	48
ENSG00000159860	4	18	11	10
ENSG00000159871	16	23	57	20
ENSG00000159873	556	559	811	524
ENSG00000159882	98	120	97	104
ENSG00000159884	337	409	452	349
ENSG00000159885	71	79	101	67
ENSG00000159899	1409	1878	1574	1497
ENSG00000159904	6	0	11	3
ENSG00000159905	57	70	77	82
ENSG00000159915	47	81	75	46
ENSG00000159917	63	89	71	79
ENSG00000159921	510	547	548	357
ENSG00000159958	9	15	16	13
ENSG00000159961	0	0	1	0
ENSG00000160007	3124	3388	3656	2907
ENSG00000160013	81	142	74	114
ENSG00000160014	5871	7547	7229	6639
ENSG00000160049	1028	1111	1311	917
ENSG00000160050	90	113	94	86
ENSG00000160051	46	93	82	67

ENSG00000160055	224	281	275	221
ENSG00000160058	1957	2184	2192	1666
ENSG00000160062	238	279	221	233
ENSG00000160072	253	262	270	202
ENSG00000160075	1726	2062	2049	1506
ENSG00000160087	582	683	752	554
ENSG00000160094	699	910	809	631
ENSG00000160097	19	20	22	22
ENSG00000160111	58	52	50	50
ENSG00000160113	427	402	350	399
ENSG00000160117	15	18	36	21
ENSG00000160124	118	156	153	84
ENSG00000160131	725	899	818	641
ENSG00000160145	104	40	74	33
ENSG00000160161	0	3	9	9
ENSG00000160172	70	113	108	81
ENSG00000160179	132	200	100	251
ENSG00000160180	0	0	0	0
ENSG00000160181	0	1	0	0
ENSG00000160182	0	0	0	0
ENSG00000160183	0	0	0	1
ENSG00000160185	0	0	0	0
ENSG00000160188	3	4	2	2
ENSG00000160190	48	53	12	82
ENSG00000160191	17	14	9	2
ENSG00000160193	98	99	82	75
ENSG00000160194	662	763	785	529
ENSG00000160199	421	471	542	301
ENSG00000160200	132	239	51	131
ENSG00000160201	537	456	612	268
ENSG00000160202	0	0	0	0
ENSG00000160207	12	18	27	22
ENSG00000160208	650	743	795	592
ENSG00000160209	1612	2213	2298	2342
ENSG00000160211	5257	4223	4514	3183
ENSG00000160213	1133	2259	1989	1537
ENSG00000160214	334	313	427	211
ENSG00000160216	1779	2334	2525	1969
ENSG00000160218	873	764	771	692
ENSG00000160219	54	41	55	51
ENSG00000160221	452	303	64	308
ENSG00000160223	20	19	37	26
ENSG00000160224	1	2	0	2

ENSG00000160226	609	851	696	515
ENSG00000160229	6	8	7	11
ENSG00000160233	31	118	26	63
ENSG00000160255	2	11	6	7
ENSG00000160256	85	124	157	76
ENSG00000160271	728	846	739	746
ENSG00000160282	43	11	6	5
ENSG00000160284	39	160	198	109
ENSG00000160285	4833	4300	4127	3416
ENSG00000160293	620	697	618	647
ENSG00000160294	2347	2236	1921	1628
ENSG00000160298	87	67	85	54
ENSG00000160299	879	1184	1464	1096
ENSG00000160305	1028	1098	939	943
ENSG00000160307	15	46	2	5
ENSG00000160310	2423	3051	2623	2016
ENSG00000160318	6	3	1	9
ENSG00000160321	13	2	15	3
ENSG00000160323	106	141	65	71
ENSG00000160325	96	168	124	110
ENSG00000160326	38	46	63	39
ENSG00000160336	262	313	338	289
ENSG00000160339	0	0	0	0
ENSG00000160345	61	69	49	54
ENSG00000160349	0	0	0	0
ENSG00000160352	49	122	79	63
ENSG00000160360	2558	2550	2170	2197
ENSG00000160392	167	159	167	121
ENSG00000160396	6	10	14	9
ENSG00000160401	20	25	42	16
ENSG00000160404	121	99	135	101
ENSG00000160408	3296	3737	3642	3182
ENSG00000160410	988	1291	1316	776
ENSG00000160439	68	51	74	55
ENSG00000160445	2037	2420	2267	1959
ENSG00000160446	197	266	197	206
ENSG00000160447	41	64	46	66
ENSG00000160460	157	387	479	179
ENSG00000160469	189	190	256	157
ENSG00000160471	1	11	8	2
ENSG00000160472	0	2	4	4
ENSG00000160505	0	0	0	0
ENSG00000160539	208	99	286	157

ENSG00000160551	3760	3701	4838	4040
ENSG00000160563	302	308	348	239
ENSG00000160570	280	314	307	239
ENSG00000160584	1178	1452	1445	1007
ENSG00000160588	4	8	6	5
ENSG00000160593	1	0	0	0
ENSG00000160602	117	133	98	132
ENSG00000160606	56	61	46	50
ENSG00000160613	1301	1980	2246	1341
ENSG00000160633	2011	2131	2000	1761
ENSG00000160654	15	37	8	57
ENSG00000160678	47	57	44	35
ENSG00000160679	794	832	819	676
ENSG00000160683	0	0	0	0
ENSG00000160685	518	631	494	341
ENSG00000160688	280	298	378	234
ENSG00000160691	6201	7779	9045	4768
ENSG00000160695	646	633	708	609
ENSG00000160703	385	642	458	337
ENSG00000160710	5645	5654	6037	4701
ENSG00000160712	543	682	963	532
ENSG00000160714	1411	1504	1505	1105
ENSG00000160716	1	0	5	2
ENSG00000160741	600	572	667	447
ENSG00000160746	1116	1533	1585	1022
ENSG00000160752	892	994	863	707
ENSG00000160753	603	700	574	484
ENSG00000160766	226	220	156	171
ENSG00000160767	532	605	583	507
ENSG00000160781	7	19	27	13
ENSG00000160783	344	425	408	361
ENSG00000160785	455	539	606	448
ENSG00000160789	13250	18210	13939	14349
ENSG00000160791	1	8	0	3
ENSG00000160796	149	117	139	163
ENSG00000160799	204	308	262	230
ENSG00000160801	77	73	65	32
ENSG00000160803	646	663	872	646
ENSG00000160808	14	13	6	11
ENSG00000160813	138	117	119	123
ENSG00000160818	226	383	377	223
ENSG00000160838	0	0	1	1
ENSG00000160856	3	5	1	2

ENSG00000160862	0	0	1	0
ENSG00000160867	429	527	304	375
ENSG00000160868	18	0	3	5
ENSG00000160870	633	202	174	107
ENSG00000160877	1211	1273	1263	855
ENSG00000160882	0	0	0	0
ENSG00000160883	0	1	0	0
ENSG00000160886	11	23	32	30
ENSG00000160888	649	564	660	624
ENSG00000160908	236	266	193	191
ENSG00000160917	408	493	423	357
ENSG00000160932	1931	1726	2060	2057
ENSG00000160948	1347	1368	1429	1340
ENSG00000160949	179	237	217	208
ENSG00000160951	14	15	4	15
ENSG00000160953	1079	937	1084	900
ENSG00000160957	104	80	76	101
ENSG00000160959	640	588	652	538
ENSG00000160961	342	419	485	341
ENSG00000160963	0	0	1	4
ENSG00000160972	434	467	373	403
ENSG00000160973	12	3	7	2
ENSG00000160991	880	1112	1218	977
ENSG00000160993	204	220	213	155
ENSG00000160994	0	0	0	0
ENSG00000160999	19	14	24	21
ENSG00000161010	889	894	952	765
ENSG00000161011	26779	20345	24627	20053
ENSG00000161013	5765	6138	9247	5028
ENSG00000161016	18774	17583	16294	11623
ENSG00000161021	755	1130	1188	787
ENSG00000161031	0	0	0	0
ENSG00000161036	230	225	291	188
ENSG00000161040	8	17	23	15
ENSG00000161048	160	260	222	169
ENSG00000161055	0	0	0	0
ENSG00000161057	1282	1495	1565	1157
ENSG00000161082	3	8	4	5
ENSG00000161091	727	820	952	656
ENSG00000161103	31	17	13	11
ENSG00000161132	4	3	3	4
ENSG00000161133	9	0	0	23
ENSG00000161149	29	35	32	29

ENSG00000161179	83	106	78	114
ENSG00000161180	6	4	8	2
ENSG00000161202	2388	3058	3965	2420
ENSG00000161203	7966	9334	10813	6597
ENSG00000161204	711	961	1028	662
ENSG00000161217	2036	2885	2523	2032
ENSG00000161243	80	135	108	67
ENSG00000161249	959	3228	2056	1330
ENSG00000161265	106	171	109	146
ENSG00000161267	22	27	32	13
ENSG00000161270	0	1	0	1
ENSG00000161277	226	192	227	169
ENSG00000161281	297	315	320	325
ENSG00000161298	85	137	149	127
ENSG00000161328	18	0	22	4
ENSG00000161381	852	940	1301	801
ENSG00000161395	503	509	409	357
ENSG00000161405	30	35	19	37
ENSG00000161509	3	3	5	4
ENSG00000161513	1179	736	863	566
ENSG00000161526	605	886	817	548
ENSG00000161533	882	1034	1130	833
ENSG00000161542	633	418	722	609
ENSG00000161544	2026	1470	1742	1533
ENSG00000161547	2132	2359	2014	1592
ENSG00000161551	190	219	156	182
ENSG00000161558	175	181	150	130
ENSG00000161594	14	5	1	7
ENSG00000161609	1	8	8	4
ENSG00000161610	0	0	0	0
ENSG00000161618	285	297	281	288
ENSG00000161634	0	1	1	1
ENSG00000161638	4976	5517	5687	4061
ENSG00000161640	1	4	5	6
ENSG00000161642	785	682	623	603
ENSG00000161643	1	2	0	0
ENSG00000161647	91	82	103	42
ENSG00000161649	0	0	2	3
ENSG00000161652	5	4	3	4
ENSG00000161653	57	58	61	49
ENSG00000161654	735	809	959	709
ENSG00000161664	95	115	103	83
ENSG00000161671	1705	1884	1384	1244

ENSG00000161677	548	364	410	345
ENSG00000161681	140	141	178	114
ENSG00000161682	374	485	388	446
ENSG00000161692	113	136	103	99
ENSG00000161714	2588	2299	2644	2231
ENSG00000161791	782	729	855	529
ENSG00000161798	0	0	1	1
ENSG00000161800	394	393	430	326
ENSG00000161807	0	0	0	0
ENSG00000161813	736	782	973	749
ENSG00000161835	282	207	235	181
ENSG00000161847	525	680	738	466
ENSG00000161849	0	0	0	0
ENSG00000161850	0	0	0	0
ENSG00000161860	4	8	5	3
ENSG00000161888	62	81	73	103
ENSG00000161896	33	29	75	6
ENSG00000161904	886	1015	1152	741
ENSG00000161905	4	0	0	0
ENSG00000161911	0	0	0	0
ENSG00000161912	59	30	72	22
ENSG00000161914	53	68	81	38
ENSG00000161920	175	201	211	156
ENSG00000161921	188	263	272	255
ENSG00000161929	21	42	38	28
ENSG00000161939	17	12	15	0
ENSG00000161940	1	6	6	0
ENSG00000161944	1	0	0	0
ENSG00000161955	135	103	130	94
ENSG00000161956	695	825	981	579
ENSG00000161958	435	433	280	343
ENSG00000161960	7396	7246	8577	5246
ENSG00000161970	14461	17203	17946	10796
ENSG00000161973	3	3	0	1
ENSG00000161980	72	85	80	68
ENSG00000161981	276	342	278	201
ENSG00000161992	0	0	0	0
ENSG00000161996	435	370	260	271
ENSG00000161999	1299	1150	1344	993
ENSG00000162004	38	33	30	37
ENSG00000162006	0	0	0	0
ENSG00000162009	0	0	0	0
ENSG00000162032	591	553	500	426

ENSG00000162039	3	2	0	1
ENSG00000162040	0	0	0	0
ENSG00000162062	24	19	8	7
ENSG00000162063	91	83	94	61
ENSG00000162065	326	321	313	408
ENSG00000162066	827	515	603	647
ENSG00000162068	18	12	7	19
ENSG00000162069	2	3	3	1
ENSG00000162073	95	55	34	84
ENSG00000162076	339	415	331	308
ENSG00000162078	0	0	3	0
ENSG00000162086	247	360	398	216
ENSG00000162104	1708	1985	1982	2022
ENSG00000162105	216	187	175	271
ENSG00000162129	171	128	182	104
ENSG00000162139	197	362	268	184
ENSG00000162144	1601	1861	2359	1320
ENSG00000162148	41	79	49	44
ENSG00000162174	15	15	15	12
ENSG00000162188	5	2	4	2
ENSG00000162191	1679	1785	2037	1295
ENSG00000162194	103	106	70	83
ENSG00000162222	347	440	373	310
ENSG00000162227	305	185	231	166
ENSG00000162231	1837	1779	1813	1330
ENSG00000162236	903	891	955	708
ENSG00000162241	103	151	116	132
ENSG00000162244	14533	13058	13077	8807
ENSG00000162267	1	0	10	0
ENSG00000162298	881	1082	1131	804
ENSG00000162300	536	625	570	386
ENSG00000162302	1057	827	721	828
ENSG00000162337	570	852	359	969
ENSG00000162341	356	348	407	339
ENSG00000162344	0	0	0	0
ENSG00000162365	1	0	2	0
ENSG00000162366	0	5	2	0
ENSG00000162367	2	1	3	5
ENSG00000162368	2314	2993	3100	2291
ENSG00000162373	11	6	7	10
ENSG00000162374	0	0	1	0
ENSG00000162377	348	332	448	324
ENSG00000162378	1191	1407	1275	1248

ENSG00000162383	391	553	356	348
ENSG00000162384	799	923	994	807
ENSG00000162385	217	254	269	216
ENSG00000162390	205	320	271	228
ENSG00000162391	2	7	0	3
ENSG00000162396	115	112	85	74
ENSG00000162398	0	0	1	0
ENSG00000162399	0	4	3	5
ENSG00000162402	2612	2755	2808	3730
ENSG00000162407	28821	46925	32342	41115
ENSG00000162408	328	388	418	270
ENSG00000162409	228	339	301	217
ENSG00000162413	2263	1936	2387	1719
ENSG00000162415	109	186	149	118
ENSG00000162419	257	330	325	224
ENSG00000162426	112	91	110	87
ENSG00000162430	4325	3888	5418	4190
ENSG00000162433	1585	2023	1726	1627
ENSG00000162434	7777	8553	8979	7655
ENSG00000162437	266	369	192	358
ENSG00000162438	11	5	6	4
ENSG00000162441	423	445	483	373
ENSG00000162444	4	6	4	1
ENSG00000162456	0	0	0	0
ENSG00000162458	1638	1861	1843	1154
ENSG00000162460	0	0	0	0
ENSG00000162461	51	13	26	39
ENSG00000162482	9	9	10	8
ENSG00000162490	9	19	13	6
ENSG00000162493	896	540	225	387
ENSG00000162494	0	0	0	0
ENSG00000162496	1996	4046	1578	2414
ENSG00000162510	26	22	12	11
ENSG00000162511	5	3	2	0
ENSG00000162512	4566	3799	3452	3554
ENSG00000162517	911	1124	1128	805
ENSG00000162520	1397	2062	1923	1566
ENSG00000162521	2160	2652	2663	2048
ENSG00000162522	889	927	810	915
ENSG00000162526	44	45	56	34
ENSG00000162542	380	368	393	308
ENSG00000162543	2	21	0	14
ENSG00000162545	4756	6107	3245	5319

ENSG00000162551	576	1464	1950	455
ENSG00000162552	2	12	3	1
ENSG00000162571	0	1	1	0
ENSG00000162572	155	124	251	135
ENSG00000162576	11299	12735	10697	9064
ENSG00000162585	824	899	647	623
ENSG00000162591	416	915	443	978
ENSG00000162592	1	3	1	1
ENSG00000162594	1	0	1	0
ENSG00000162595	77	47	231	31
ENSG00000162598	2	4	4	0
ENSG00000162599	678	629	434	536
ENSG00000162600	227	288	404	294
ENSG00000162601	912	1103	1136	1257
ENSG00000162604	612	904	693	621
ENSG00000162607	627	584	677	517
ENSG00000162613	1449	1435	1971	1235
ENSG00000162614	2003	2992	2397	2416
ENSG00000162616	671	1054	1153	702
ENSG00000162618	167	185	544	164
ENSG00000162620	5	1	21	3
ENSG00000162621	0	0	0	0
ENSG00000162623	495	644	728	443
ENSG00000162624	0	0	0	0
ENSG00000162627	762	892	814	710
ENSG00000162630	5	26	9	6
ENSG00000162631	18	14	9	60
ENSG00000162636	919	821	774	968
ENSG00000162639	43	45	43	36
ENSG00000162641	11	13	6	12
ENSG00000162642	289	378	375	253
ENSG00000162643	148	104	146	199
ENSG00000162645	1152	1821	1966	1263
ENSG00000162650	97	134	98	91
ENSG00000162654	90	100	117	72
ENSG00000162664	1174	1223	1291	956
ENSG00000162669	5	25	2	0
ENSG00000162670	0	0	0	1
ENSG00000162676	2	6	2	0
ENSG00000162685	0	0	0	0
ENSG00000162687	94	120	111	113
ENSG00000162688	879	906	773	803
ENSG00000162692	917	1185	1309	620

ENSG00000162694	1115	1223	1208	991
ENSG00000162695	801	951	924	745
ENSG00000162699	0	0	0	0
ENSG00000162702	631	851	858	683
ENSG00000162704	2022	2032	1924	1887
ENSG00000162706	10	1	3	1
ENSG00000162711	7	7	4	7
ENSG00000162714	895	769	917	818
ENSG00000162722	92	39	85	38
ENSG00000162723	0	2	0	0
ENSG00000162727	0	0	0	0
ENSG00000162728	0	4	0	3
ENSG00000162729	331	552	242	344
ENSG00000162733	19328	21682	21447	18309
ENSG00000162734	8245	16184	10294	9298
ENSG00000162735	1784	1990	2016	1450
ENSG00000162736	3798	5982	5187	3964
ENSG00000162738	47	6	4	5
ENSG00000162739	2	4	6	5
ENSG00000162745	149	284	152	272
ENSG00000162746	19	18	6	9
ENSG00000162747	0	0	0	0
ENSG00000162753	0	0	0	0
ENSG00000162755	8	22	3	19
ENSG00000162757	55	57	54	41
ENSG00000162761	0	0	0	0
ENSG00000162763	0	0	0	0
ENSG00000162769	50	167	77	86
ENSG00000162771	0	0	0	0
ENSG00000162772	107	259	209	149
ENSG00000162775	163	168	192	128
ENSG00000162777	274	289	87	202
ENSG00000162779	1	1	1	7
ENSG00000162782	0	0	0	0
ENSG00000162783	929	790	860	727
ENSG00000162804	3714	4831	3169	3470
ENSG00000162813	306	498	418	334
ENSG00000162814	38	38	56	46
ENSG00000162817	60	110	1686	75
ENSG00000162819	1014	1220	1319	895
ENSG00000162825	471	589	690	593
ENSG00000162836	249	128	294	188
ENSG00000162840	0	0	0	0

ENSG00000162843	0	3	1	1
ENSG00000162849	264	188	133	139
ENSG00000162851	162	183	189	143
ENSG00000162852	498	853	957	607
ENSG00000162869	464	655	521	425
ENSG00000162873	0	0	1	0
ENSG00000162877	1	5	0	2
ENSG00000162878	578	1514	695	779
ENSG00000162881	9	10	13	11
ENSG00000162882	70	51	75	43
ENSG00000162885	156	243	192	188
ENSG00000162889	2465	2404	2908	2026
ENSG00000162891	0	0	0	0
ENSG00000162892	0	1	11	1
ENSG00000162894	5	11	31	5
ENSG00000162896	6	5	4	7
ENSG00000162897	0	0	0	0
ENSG00000162909	13543	12748	14062	11836
ENSG00000162910	243	337	236	301
ENSG00000162913	18	4	10	15
ENSG00000162923	3227	4319	5102	3268
ENSG00000162924	306	457	446	349
ENSG00000162927	138	163	140	154
ENSG00000162928	331	364	415	238
ENSG00000162929	191	291	388	265
ENSG00000162931	48	42	53	37
ENSG00000162944	388	387	378	277
ENSG00000162946	134	147	154	69
ENSG00000162949	0	0	1	0
ENSG00000162951	0	0	0	0
ENSG00000162959	530	602	625	399
ENSG00000162961	328	419	423	276
ENSG00000162971	203	245	254	185
ENSG00000162972	154	195	188	166
ENSG00000162975	8	5	12	6
ENSG00000162976	604	549	524	586
ENSG00000162980	648	636	630	617
ENSG00000162981	6	12	9	4
ENSG00000162989	4	6	5	5
ENSG00000162992	0	3	0	0
ENSG00000162994	125	58	92	38
ENSG00000162997	9	18	21	10
ENSG00000162998	37	67	35	37

ENSG00000162999	79	94	92	60
ENSG00000163001	703	903	870	620
ENSG00000163002	74	82	122	65
ENSG00000163006	36	27	24	22
ENSG00000163012	2	5	9	1
ENSG00000163013	231	168	212	218
ENSG00000163016	1	2	1	0
ENSG00000163017	262	555	863	403
ENSG00000163026	241	274	231	182
ENSG00000163029	735	837	872	674
ENSG00000163032	2	2	2	0
ENSG00000163040	172	207	178	97
ENSG00000163041	3004	3453	3439	2833
ENSG00000163046	1	2	2	2
ENSG00000163050	583	638	588	536
ENSG00000163053	59	55	74	81
ENSG00000163060	27	6	8	15
ENSG00000163064	2	1	1	1
ENSG00000163069	2484	3063	3785	1957
ENSG00000163071	1043	1300	744	950
ENSG00000163072	10	11	14	11
ENSG00000163075	15	27	18	15
ENSG00000163081	0	0	0	0
ENSG00000163082	2	5	4	8
ENSG00000163083	29	63	122	57
ENSG00000163092	2	2	0	6
ENSG00000163093	328	358	363	323
ENSG00000163098	0	0	0	0
ENSG00000163104	814	848	944	769
ENSG00000163106	1	0	0	0
ENSG00000163110	596	800	736	792
ENSG00000163114	0	0	0	0
ENSG00000163116	2	6	1	4
ENSG00000163121	0	0	0	1
ENSG00000163125	1101	1359	1346	1030
ENSG00000163126	26	30	53	27
ENSG00000163131	68	116	247	132
ENSG00000163132	25	106	78	77
ENSG00000163138	182	217	170	162
ENSG00000163141	2	9	7	7
ENSG00000163145	145	242	205	178
ENSG00000163154	1	2	2	2
ENSG00000163155	106	137	142	81

ENSG00000163156	264	336	333	224
ENSG00000163157	8	3	0	6
ENSG00000163159	512	598	527	450
ENSG00000163161	897	1194	1192	968
ENSG00000163162	710	729	847	702
ENSG00000163166	936	1168	1437	909
ENSG00000163170	137	170	138	81
ENSG00000163171	608	1511	957	703
ENSG00000163191	3482	5041	4329	3459
ENSG00000163202	0	0	0	0
ENSG00000163206	1	1	1	1
ENSG00000163207	0	0	0	0
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ENSG00000163214	576	676	716	444
ENSG00000163216	0	0	0	0
ENSG00000163217	0	0	0	0
ENSG00000163218	0	0	0	0
ENSG00000163219	23	35	21	10
ENSG00000163220	0	0	0	0
ENSG00000163221	0	0	0	0
ENSG00000163235	0	1	0	0
ENSG00000163239	0	0	0	0
ENSG00000163249	438	553	552	358
ENSG00000163251	24	21	19	11
ENSG00000163254	0	0	0	0
ENSG00000163257	645	694	666	490
ENSG00000163263	0	0	0	0
ENSG00000163273	3	0	0	0
ENSG00000163281	492	713	657	412
ENSG00000163283	0	0	1	0
ENSG00000163285	0	0	0	0
ENSG00000163286	0	0	0	0
ENSG00000163288	0	0	1	0
ENSG00000163291	257	450	375	254
ENSG00000163293	4	22	2	19
ENSG00000163295	0	0	0	0
ENSG00000163297	4331	6150	5677	4975
ENSG00000163312	190	326	320	223
ENSG00000163319	316	341	344	280
ENSG00000163320	2104	2273	2233	1831
ENSG00000163322	477	548	502	425
ENSG00000163328	268	414	365	254
ENSG00000163331	1	1	6	0

ENSG00000163344	359	384	305	322
ENSG00000163346	2810	3591	3307	2800
ENSG00000163347	3	5	11	2
ENSG00000163348	740	748	724	617
ENSG00000163349	1286	1545	1595	1324
ENSG00000163352	0	2	0	2
ENSG00000163354	12	13	38	13
ENSG00000163357	3	2	1	3
ENSG00000163359	111444	97176	109301	88516
ENSG00000163362	6	3	5	6
ENSG00000163374	1030	1216	1195	920
ENSG00000163376	12	16	35	18
ENSG00000163377	0	0	0	0
ENSG00000163378	889	1151	1440	944
ENSG00000163380	9	3	6	8
ENSG00000163382	484	488	572	434
ENSG00000163389	246	268	293	263
ENSG00000163393	143	178	119	137
ENSG00000163394	851	2383	497	4266
ENSG00000163395	2	1	1	0
ENSG00000163399	5449	6648	6769	5452
ENSG00000163406	32	19	10	29
ENSG00000163412	361	411	183	310
ENSG00000163421	0	0	0	0
ENSG00000163424	0	0	0	0
ENSG00000163428	1047	932	1077	970
ENSG00000163430	43448	72328	50110	52788
ENSG00000163431	2949	6740	4289	4329
ENSG00000163435	4	6	4	6
ENSG00000163440	0	0	0	0
ENSG00000163444	1056	1084	1246	918
ENSG00000163449	16	21	20	8
ENSG00000163453	728	2279	6610	1550
ENSG00000163462	150	189	124	123
ENSG00000163463	665	901	858	640
ENSG00000163464	0	0	0	0
ENSG00000163466	4548	5345	5109	3907
ENSG00000163467	3	6	7	7
ENSG00000163468	3102	3280	3806	2038
ENSG00000163472	152	251	247	180
ENSG00000163479	3339	3570	3604	2762
ENSG00000163481	280	402	356	256
ENSG00000163482	795	1124	862	669

ENSG00000163485	46	100	51	93
ENSG00000163491	212	251	376	221
ENSG00000163492	3	29	4	7
ENSG00000163497	0	0	0	0
ENSG00000163499	0	0	0	0
ENSG00000163501	0	0	0	0
ENSG00000163507	134	154	133	112
ENSG00000163508	0	1	2	1
ENSG00000163510	528	624	705	483
ENSG00000163512	1808	2391	2489	1743
ENSG00000163513	5746	8256	9924	6611
ENSG00000163515	0	0	0	0
ENSG00000163516	632	603	683	427
ENSG00000163517	331	422	415	358
ENSG00000163518	0	0	0	0
ENSG00000163519	0	0	0	0
ENSG00000163520	22194	26880	17114	21851
ENSG00000163521	254	333	224	289
ENSG00000163527	3176	4730	4428	3064
ENSG00000163528	98	139	173	119
ENSG00000163530	0	0	0	1
ENSG00000163531	2094	3995	3128	2878
ENSG00000163534	2	5	1	5
ENSG00000163535	188	223	303	111
ENSG00000163536	33	85	46	73
ENSG00000163539	616	792	1091	689
ENSG00000163541	774	990	971	672
ENSG00000163545	39	74	68	58
ENSG00000163554	36	31	10	41
ENSG00000163558	1279	1570	1870	1228
ENSG00000163563	0	0	0	0
ENSG00000163564	0	2	6	2
ENSG00000163565	5709	4849	6129	4054
ENSG00000163568	1	1	3	0
ENSG00000163576	53	85	47	109
ENSG00000163577	452	313	693	442
ENSG00000163581	0	0	1	0
ENSG00000163584	319	274	449	246
ENSG00000163586	0	0	0	1
ENSG00000163590	110	89	112	64
ENSG00000163596	123	167	199	170
ENSG00000163599	0	0	0	0
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ENSG00000163602	39	78	71	65
ENSG00000163605	1193	1295	1282	942
ENSG00000163606	0	8	1	6
ENSG00000163607	369	457	370	339
ENSG00000163608	977	1186	1008	1044
ENSG00000163611	281	312	261	221
ENSG00000163612	1	0	1	1
ENSG00000163617	211	222	204	179
ENSG00000163618	28	2	5	7
ENSG00000163623	929	885	824	573
ENSG00000163624	3	20	10	9
ENSG00000163625	2310	2571	2645	1941
ENSG00000163626	279	287	304	245
ENSG00000163629	2466	3399	3785	2267
ENSG00000163630	2	1	2	3
ENSG00000163631	3	3	0	4
ENSG00000163632	1	3	7	6
ENSG00000163633	176	169	152	131
ENSG00000163634	535	633	768	566
ENSG00000163635	485	556	744	515
ENSG00000163636	989	1125	1211	808
ENSG00000163637	567	599	775	502
ENSG00000163638	41	37	26	50
ENSG00000163644	682	851	720	694
ENSG00000163645	0	9	0	2
ENSG00000163646	3	0	0	1
ENSG00000163655	1273	1379	1321	1005
ENSG00000163659	382	396	361	269
ENSG00000163660	1420	1562	1874	1541
ENSG00000163661	2558	5890	2416	3976
ENSG00000163666	13	17	20	18
ENSG00000163673	1	0	0	0
ENSG00000163681	954	1238	1247	1033
ENSG00000163682	436	373	6128	249
ENSG00000163683	2202	2100	1996	1828
ENSG00000163684	374	397	481	335
ENSG00000163686	106	95	115	66
ENSG00000163687	0	8	4	0
ENSG00000163689	68	65	70	42
ENSG00000163694	17	32	70	20
ENSG00000163697	1738	1928	2042	1477
ENSG00000163701	37	37	31	21
ENSG00000163702	650	668	702	593

ENSG00000163703	458	1201	732	274
ENSG00000163704	223	255	265	164
ENSG00000163705	0	1	2	0
ENSG00000163710	473	1770	424	1470
ENSG00000163714	1743	1927	1998	1587
ENSG00000163719	521	563	592	426
ENSG00000163728	1221	1256	1499	1037
ENSG00000163734	1	4	10	0
ENSG00000163735	2	7	24	3
ENSG00000163736	0	0	0	0
ENSG00000163737	0	0	0	0
ENSG00000163738	52	59	67	33
ENSG00000163739	10	9	65	5
ENSG00000163743	327	338	269	254
ENSG00000163746	2	2	2	0
ENSG00000163749	68	81	34	43
ENSG00000163751	0	0	1	0
ENSG00000163754	993	1129	1344	884
ENSG00000163755	931	893	951	831
ENSG00000163762	1	0	0	0
ENSG00000163781	752	769	797	756
ENSG00000163785	1783	1824	2038	1497
ENSG00000163788	438	405	473	407
ENSG00000163792	6	7	8	8
ENSG00000163793	0	0	0	0
ENSG00000163794	17	14	9	10
ENSG00000163795	279	350	308	224
ENSG00000163798	584	666	717	459
ENSG00000163803	38	66	55	54
ENSG00000163806	23	17	11	13
ENSG00000163807	553	672	733	496
ENSG00000163808	22	27	30	7
ENSG00000163810	0	0	0	1
ENSG00000163811	742	798	1072	789
ENSG00000163812	830	1087	1053	843
ENSG00000163814	192	200	83	106
ENSG00000163815	270	1526	410	617
ENSG00000163817	7	16	33	9
ENSG00000163818	548	691	731	458
ENSG00000163820	5412	4566	4639	4583
ENSG00000163823	15	31	8	16
ENSG00000163825	0	1	1	0
ENSG00000163827	109	164	290	59

ENSG00000163832	292	366	320	257
ENSG00000163833	3	2	5	3
ENSG00000163840	1423	1353	1304	1063
ENSG00000163848	1379	1529	1571	1309
ENSG00000163864	41	32	12	9
ENSG00000163866	395	432	460	288
ENSG00000163867	418	475	429	356
ENSG00000163870	640	642	663	557
ENSG00000163872	1829	1557	1876	1351
ENSG00000163873	0	0	1	0
ENSG00000163874	153	164	165	110
ENSG00000163875	1102	1075	1454	1239
ENSG00000163877	324	514	459	303
ENSG00000163879	326	469	404	331
ENSG00000163882	452	455	405	274
ENSG00000163884	77	56	36	33
ENSG00000163885	0	5	0	0
ENSG00000163888	6	6	16	7
ENSG00000163898	4	10	5	9
ENSG00000163900	240	343	256	277
ENSG00000163902	3423	3931	3902	2777
ENSG00000163904	847	950	1286	836
ENSG00000163909	1	0	3	1
ENSG00000163913	507	790	745	598
ENSG00000163914	0	0	0	0
ENSG00000163918	149	132	137	92
ENSG00000163923	119	136	114	100
ENSG00000163930	1505	1474	1676	1259
ENSG00000163931	8686	5279	6884	5070
ENSG00000163932	325	470	423	393
ENSG00000163933	316	349	347	267
ENSG00000163935	122	158	100	89
ENSG00000163938	1181	1242	1505	967
ENSG00000163939	1986	1818	2197	1709
ENSG00000163945	485	295	217	179
ENSG00000163946	1578	1948	1953	1679
ENSG00000163947	760	1097	610	720
ENSG00000163950	698	747	844	600
ENSG00000163956	1924	2907	2463	1951
ENSG00000163958	0	0	2	0
ENSG00000163959	57	86	76	55
ENSG00000163960	1671	2021	1980	1597
ENSG00000163961	387	388	413	410

ENSG00000163964	168	178	203	166
ENSG00000163975	283	381	179	307
ENSG00000163982	0	1	0	0
ENSG00000163993	0	0	0	3
ENSG00000163995	1	0	2	1
ENSG00000164002	80	109	107	80
ENSG00000164007	2	0	3	0
ENSG00000164008	124	149	151	120
ENSG00000164010	781	1206	1012	996
ENSG00000164011	145	185	151	138
ENSG00000164022	724	1089	947	809
ENSG00000164023	1641	1932	1421	1267
ENSG00000164024	746	806	922	618
ENSG00000164031	1024	1219	1276	926
ENSG00000164032	899	656	842	746
ENSG00000164035	9	4	4	7
ENSG00000164037	32	23	24	16
ENSG00000164038	326	508	410	315
ENSG00000164039	1257	1608	1744	1383
ENSG00000164040	2858	3541	4726	2505
ENSG00000164045	17	21	21	15
ENSG00000164047	0	0	0	0
ENSG00000164048	242	297	257	220
ENSG00000164049	10	13	18	13
ENSG00000164050	2666	3389	3078	2233
ENSG00000164051	255	341	217	223
ENSG00000164053	119	98	139	112
ENSG00000164054	3378	4066	3676	3000
ENSG00000164056	834	698	507	806
ENSG00000164061	16	18	31	31
ENSG00000164062	1429	1421	1250	1031
ENSG00000164066	444	944	831	475
ENSG00000164068	753	763	1009	606
ENSG00000164070	1209	954	1079	690
ENSG00000164073	280	319	291	245
ENSG00000164074	129	170	193	143
ENSG00000164076	0	0	0	0
ENSG00000164077	185	247	227	199
ENSG00000164078	21	23	6	9
ENSG00000164080	670	672	880	546
ENSG00000164081	763	850	1055	720
ENSG00000164082	2	1	2	2
ENSG00000164086	393	319	379	289

ENSG00000164087	50	58	57	28
ENSG00000164088	699	729	726	660
ENSG00000164089	0	0	1	0
ENSG00000164091	2595	2792	2714	2293
ENSG00000164093	18	3	3	13
ENSG00000164096	3201	3155	2785	2484
ENSG00000164099	6219	7603	9354	6744
ENSG00000164100	2	3	11	2
ENSG00000164104	508	846	897	502
ENSG00000164105	280	367	398	344
ENSG00000164106	16	30	14	21
ENSG00000164107	1	7	14	13
ENSG00000164109	58	96	88	60
ENSG00000164111	21572	26023	32950	18518
ENSG00000164112	234	236	603	206
ENSG00000164113	0	0	0	0
ENSG00000164114	597	776	863	612
ENSG00000164116	374	477	209	286
ENSG00000164117	381	409	432	323
ENSG00000164118	365	259	300	234
ENSG00000164120	0	0	1	0
ENSG00000164122	1	10	6	13
ENSG00000164123	0	2	1	1
ENSG00000164124	148	112	257	117
ENSG00000164125	4617	5816	6035	4149
ENSG00000164128	0	0	0	0
ENSG00000164129	0	0	0	0
ENSG00000164134	812	924	970	621
ENSG00000164136	191	164	189	85
ENSG00000164142	1	4	3	1
ENSG00000164144	789	877	981	652
ENSG00000164151	1247	1223	1547	1039
ENSG00000164161	2	14	31	13
ENSG00000164162	98	114	141	103
ENSG00000164163	1193	1172	1476	945
ENSG00000164164	1483	1457	1530	1428
ENSG00000164167	169	146	159	110
ENSG00000164168	1144	1420	1290	1002
ENSG00000164169	188	254	275	210
ENSG00000164171	1244	814	1570	1127
ENSG00000164172	1033	1309	1500	952
ENSG00000164175	0	0	1	0
ENSG00000164176	1721	2698	3501	3232

ENSG00000164180	298	357	358	266
ENSG00000164181	2	12	7	0
ENSG00000164182	275	313	377	238
ENSG00000164185	17	7	3	12
ENSG00000164187	410	602	717	472
ENSG00000164188	0	3	12	2
ENSG00000164190	1498	2019	2283	1558
ENSG00000164197	24	35	21	20
ENSG00000164199	4	20	22	2
ENSG00000164209	1738	1735	1807	1376
ENSG00000164211	448	403	334	240
ENSG00000164219	434	579	562	343
ENSG00000164220	2685	3019	4103	1823
ENSG00000164221	157	191	219	158
ENSG00000164236	2641	4045	3024	2349
ENSG00000164237	906	803	888	597
ENSG00000164241	103	67	67	55
ENSG00000164244	1849	1746	2318	1551
ENSG00000164251	40	84	50	47
ENSG00000164252	856	896	1015	762
ENSG00000164253	558	785	563	638
ENSG00000164256	0	1	1	0
ENSG00000164258	704	841	760	560
ENSG00000164265	13	11	4	7
ENSG00000164266	0	6	0	0
ENSG00000164270	0	0	1	0
ENSG00000164283	20	57	17	32
ENSG00000164284	213	271	271	221
ENSG00000164287	7	9	5	1
ENSG00000164291	367	436	432	323
ENSG00000164292	7896	14022	14033	7272
ENSG00000164294	4100	4907	4828	3751
ENSG00000164296	128	229	212	152
ENSG00000164299	0	0	0	0
ENSG00000164300	713	702	749	626
ENSG00000164303	12	24	9	17
ENSG00000164304	0	2	1	2
ENSG00000164305	428	358	538	330
ENSG00000164306	268	312	276	194
ENSG00000164307	1277	2037	1945	1483
ENSG00000164308	1161	127	1154	1319
ENSG00000164309	402	661	329	844
ENSG00000164318	11	14	8	24

ENSG00000164323	1122	1206	1469	1070
ENSG00000164325	0	0	0	0
ENSG00000164326	0	0	0	0
ENSG00000164327	859	1168	1183	890
ENSG00000164329	810	1081	1083	950
ENSG00000164330	429	826	880	484
ENSG00000164331	464	511	489	448
ENSG00000164332	759	683	790	629
ENSG00000164334	0	0	0	0
ENSG00000164338	170	206	194	163
ENSG00000164342	323	228	199	244
ENSG00000164344	7	16	5	1
ENSG00000164346	1361	2251	1970	1717
ENSG00000164347	385	529	642	349
ENSG00000164362	0	0	0	0
ENSG00000164363	0	0	0	0
ENSG00000164366	957	1133	1429	921
ENSG00000164379	101	114	163	105
ENSG00000164393	1	2	0	0
ENSG00000164398	28	14	22	14
ENSG00000164399	0	0	0	0
ENSG00000164400	0	2	0	2
ENSG00000164402	2407	2645	2567	2038
ENSG00000164403	288	244	390	210
ENSG00000164404	1	10	3	3
ENSG00000164405	1084	1030	1023	689
ENSG00000164406	7	16	22	9
ENSG00000164411	3	1	1	0
ENSG00000164414	437	602	474	498
ENSG00000164418	15	21	62	38
ENSG00000164430	72	64	56	69
ENSG00000164434	19	8	8	20
ENSG00000164438	0	0	0	0
ENSG00000164440	324	200	418	230
ENSG00000164442	3389	4817	3759	4225
ENSG00000164451	0	0	0	0
ENSG00000164458	0	0	0	0
ENSG00000164463	1319	1516	1776	1213
ENSG00000164465	744	909	1162	561
ENSG00000164466	751	752	985	745
ENSG00000164483	33	18	20	28
ENSG00000164484	1212	1244	1137	1204
ENSG00000164485	0	0	0	0

ENSG00000164488	0	0	0	0
ENSG00000164494	388	434	393	335
ENSG00000164500	0	0	0	0
ENSG00000164506	1734	1641	1914	1477
ENSG00000164508	0	0	0	0
ENSG00000164509	159	65	45	20
ENSG00000164512	15	11	11	10
ENSG00000164520	13	37	18	8
ENSG00000164530	20	405	22	270
ENSG00000164532	0	0	0	0
ENSG00000164535	376	401	324	291
ENSG00000164542	62	76	27	77
ENSG00000164543	1553	1241	1738	910
ENSG00000164548	844	1198	1110	608
ENSG00000164556	0	0	0	0
ENSG00000164574	2591	3756	3521	2582
ENSG00000164576	1634	1713	1850	1602
ENSG00000164587	10533	8343	10343	7067
ENSG00000164588	4	5	3	6
ENSG00000164591	16	23	17	40
ENSG00000164597	1121	1229	1248	1075
ENSG00000164600	0	0	0	0
ENSG00000164603	546	460	407	320
ENSG00000164604	55	46	60	34
ENSG00000164609	1118	1573	1623	1273
ENSG00000164610	124	188	175	153
ENSG00000164611	102	91	124	78
ENSG00000164615	1130	1095	1026	1042
ENSG00000164616	0	1	0	1
ENSG00000164619	724	820	1305	614
ENSG00000164620	35	46	65	39
ENSG00000164626	0	0	0	0
ENSG00000164627	68	39	29	17
ENSG00000164631	652	815	861	821
ENSG00000164638	158	119	82	121
ENSG00000164645	0	0	0	0
ENSG00000164647	905	1061	1007	1102
ENSG00000164649	421	690	629	550
ENSG00000164651	0	0	0	0
ENSG00000164654	248	259	302	232
ENSG00000164659	76	147	54	176
ENSG00000164663	316	311	362	369
ENSG00000164669	58	3	15	17

ENSG00000164674	92	120	65	80
ENSG00000164675	45	67	18	47
ENSG00000164683	0	1	3	3
ENSG00000164684	157	283	33	312
ENSG00000164687	26	31	24	37
ENSG00000164690	1	1	1	2
ENSG00000164691	3	5	5	3
ENSG00000164692	239088	266746	279832	243506
ENSG00000164694	457	555	248	643
ENSG00000164695	2	1	1	1
ENSG00000164707	55	98	67	58
ENSG00000164708	0	0	2	0
ENSG00000164713	1928	2190	1955	1786
ENSG00000164715	291	421	413	344
ENSG00000164729	0	0	0	0
ENSG00000164733	23956	29637	41722	18112
ENSG00000164736	0	0	0	0
ENSG00000164740	0	0	0	0
ENSG00000164741	3693	4868	4610	3244
ENSG00000164742	1588	320	197	367
ENSG00000164743	64	77	52	42
ENSG00000164744	0	1	4	0
ENSG00000164746	1	1	0	1
ENSG00000164749	4	1	3	0
ENSG00000164751	799	877	977	747
ENSG00000164754	2725	2622	3091	2204
ENSG00000164756	0	0	4	0
ENSG00000164758	126	104	83	86
ENSG00000164761	7244	18108	14360	11193
ENSG00000164764	13	27	25	18
ENSG00000164776	44	55	32	27
ENSG00000164778	1	0	0	0
ENSG00000164794	14	26	18	19
ENSG00000164796	4	5	8	7
ENSG00000164808	1056	1272	1503	1267
ENSG00000164815	235	273	297	248
ENSG00000164816	0	0	0	0
ENSG00000164818	538	678	744	510
ENSG00000164821	0	0	0	0
ENSG00000164822	0	0	0	0
ENSG00000164823	308	458	587	285
ENSG00000164825	0	0	0	0
ENSG00000164828	2883	3466	2591	3233

ENSG00000164830	927	1128	948	983
ENSG00000164841	2	3	1	0
ENSG00000164845	35	57	40	73
ENSG00000164849	22	25	35	27
ENSG00000164850	126	184	133	98
ENSG00000164853	0	0	0	0
ENSG00000164855	5	26	5	7
ENSG00000164867	7	17	24	3
ENSG00000164871	0	0	0	0
ENSG00000164877	1013	1313	1085	639
ENSG00000164879	1	0	0	0
ENSG00000164880	2366	2514	3079	1880
ENSG00000164885	245	209	245	139
ENSG00000164889	1645	2295	2210	1856
ENSG00000164893	0	0	0	0
ENSG00000164896	1320	1385	1054	1038
ENSG00000164897	387	396	421	319
ENSG00000164898	62	34	47	51
ENSG00000164900	0	0	0	0
ENSG00000164902	895	1099	1341	887
ENSG00000164904	958	1540	1108	965
ENSG00000164916	946	978	912	747
ENSG00000164919	1407	1303	1576	1054
ENSG00000164920	6000	6418	6598	5760
ENSG00000164924	10525	11571	12858	8249
ENSG00000164929	51	134	254	120
ENSG00000164930	624	1010	1575	858
ENSG00000164932	809	1071	3508	1383
ENSG00000164933	386	448	365	449
ENSG00000164934	552	459	696	456
ENSG00000164935	0	0	0	0
ENSG00000164938	2540	2228	2519	2001
ENSG00000164941	712	767	816	520
ENSG00000164944	1714	1896	1988	1484
ENSG00000164946	8	5	0	15
ENSG00000164949	1942	1926	1530	1645
ENSG00000164951	1215	1190	1021	980
ENSG00000164953	208	311	316	282
ENSG00000164961	1996	2350	3188	2014
ENSG00000164967	192	221	198	130
ENSG00000164970	440	459	454	383
ENSG00000164972	1	6	2	7
ENSG00000164975	861	1067	1157	600

ENSG00000164976	81	86	71	77
ENSG00000164978	315	308	295	324
ENSG00000164983	612	527	845	476
ENSG00000164985	1845	2188	2127	1922
ENSG00000164989	120	78	112	105
ENSG00000165006	1050	1405	1494	979
ENSG00000165023	27	21	17	10
ENSG00000165025	2	2	3	1
ENSG00000165028	23	24	24	32
ENSG00000165029	5738	8777	10901	8276
ENSG00000165030	947	985	1174	728
ENSG00000165046	73	100	73	84
ENSG00000165055	412	564	555	344
ENSG00000165059	0	0	0	0
ENSG00000165060	72	125	120	76
ENSG00000165061	1	3	3	4
ENSG00000165066	0	0	0	0
ENSG00000165071	6	14	15	4
ENSG00000165072	213	634	318	36
ENSG00000165076	1	1	1	0
ENSG00000165078	34	71	54	44
ENSG00000165084	98	255	64	89
ENSG00000165091	4	6	4	4
ENSG00000165092	492	1218	96	853
ENSG00000165097	677	732	714	630
ENSG00000165102	2883	3372	4234	2342
ENSG00000165105	137	165	166	116
ENSG00000165113	26	35	40	52
ENSG00000165115	112	133	155	203
ENSG00000165118	330	415	378	291
ENSG00000165119	9447	9528	11224	8018
ENSG00000165120	1	1	0	0
ENSG00000165121	24	26	25	24
ENSG00000165124	40035	65445	35467	51929
ENSG00000165125	16	26	0	6
ENSG00000165131	0	1	0	0
ENSG00000165138	772	815	778	756
ENSG00000165140	2	0	0	0
ENSG00000165152	263	324	421	405
ENSG00000165156	1243	1518	1487	1367
ENSG00000165164	0	0	0	0
ENSG00000165168	0	1	1	0
ENSG00000165169	1045	1347	1864	1044

ENSG00000165171	43	44	112	137
ENSG00000165175	1243	1277	1115	775
ENSG00000165178	0	0	0	0
ENSG00000165181	3	2	3	1
ENSG00000165182	1	0	0	0
ENSG00000165185	84	94	100	73
ENSG00000165186	8	9	7	4
ENSG00000165188	0	2	2	1
ENSG00000165192	2	0	1	1
ENSG00000165194	3	13	6	9
ENSG00000165195	114	209	81	100
ENSG00000165197	172	435	229	262
ENSG00000165202	11	0	10	8
ENSG00000165204	0	2	1	0
ENSG00000165209	125	149	127	111
ENSG00000165215	0	0	0	0
ENSG00000165219	1030	976	1236	963
ENSG00000165233	309	333	363	232
ENSG00000165238	0	0	0	0
ENSG00000165240	797	781	731	678
ENSG00000165244	22	30	20	35
ENSG00000165246	817	668	865	1
ENSG00000165259	89	72	142	68
ENSG00000165264	436	379	383	339
ENSG00000165269	5	11	20	30
ENSG00000165271	636	699	1037	644
ENSG00000165272	122	212	268	427
ENSG00000165275	162	212	229	189
ENSG00000165280	6324	6871	6735	5081
ENSG00000165282	297	409	454	287
ENSG00000165283	1022	1107	1073	854
ENSG00000165288	476	536	586	518
ENSG00000165300	9	10	10	7
ENSG00000165304	183	165	155	112
ENSG00000165309	8	5	9	1
ENSG00000165312	200	174	166	155
ENSG00000165322	1432	1507	1688	1328
ENSG00000165323	14	14	24	14
ENSG00000165325	0	0	0	0
ENSG00000165338	587	784	726	676
ENSG00000165349	1	9	3	2
ENSG00000165355	336	457	316	295
ENSG00000165359	200	231	198	192

ENSG00000165370	0	0	0	0
ENSG00000165376	1	4	1	2
ENSG00000165379	6	10	1	23
ENSG00000165383	34	46	13	13
ENSG00000165389	2945	1509	2309	1193
ENSG00000165392	376	338	389	370
ENSG00000165406	1143	1398	1204	1264
ENSG00000165409	1	0	0	1
ENSG00000165410	1862	2692	2745	2066
ENSG00000165416	1090	970	1167	746
ENSG00000165417	977	1333	1431	968
ENSG00000165424	6828	7508	6253	5661
ENSG00000165434	315	355	675	252
ENSG00000165443	1	0	0	0
ENSG00000165449	10	3	2	3
ENSG00000165457	0	0	0	0
ENSG00000165458	2454	2454	2961	2072
ENSG00000165462	0	0	0	0
ENSG00000165471	0	0	0	0
ENSG00000165474	0	0	0	1
ENSG00000165475	427	444	414	419
ENSG00000165476	1536	2446	2587	1311
ENSG00000165478	1	7	0	1
ENSG00000165480	13	11	9	11
ENSG00000165487	728	809	904	634
ENSG00000165490	27	13	15	17
ENSG00000165494	1097	1105	1209	731
ENSG00000165495	18	36	31	46
ENSG00000165496	0	0	0	0
ENSG00000165501	93	120	100	108
ENSG00000165502	1759	2020	2370	1440
ENSG00000165506	204	187	220	162
ENSG00000165507	9479	11284	7845	9891
ENSG00000165509	4	2	4	2
ENSG00000165512	336	420	438	301
ENSG00000165516	1287	1434	1298	1075
ENSG00000165521	189	140	202	151
ENSG00000165525	914	1377	1658	1053
ENSG00000165526	473	497	522	387
ENSG00000165527	1573	1840	1830	1143
ENSG00000165533	830	939	1185	832
ENSG00000165548	0	0	0	0
ENSG00000165553	0	0	0	0

ENSG00000165555	12	14	16	15
ENSG00000165556	0	0	0	0
ENSG00000165566	2	2	5	3
ENSG00000165568	19	33	31	23
ENSG00000165572	329	342	373	285
ENSG00000165583	0	0	2	2
ENSG00000165584	0	1	1	0
ENSG00000165588	0	0	0	0
ENSG00000165591	15	1	6	6
ENSG00000165606	0	0	1	0
ENSG00000165609	1237	1402	1885	984
ENSG00000165617	413	617	529	546
ENSG00000165621	0	2	0	0
ENSG00000165623	0	0	0	0
ENSG00000165626	225	239	199	196
ENSG00000165629	1190	1332	1386	1118
ENSG00000165630	273	288	298	182
ENSG00000165632	303	401	416	305
ENSG00000165633	1619	2496	2009	1727
ENSG00000165637	2041	2204	1987	1490
ENSG00000165643	0	0	0	0
ENSG00000165644	50	56	41	56
ENSG00000165646	4	6	4	9
ENSG00000165650	982	1165	1570	999
ENSG00000165655	1393	1160	1193	1393
ENSG00000165660	390	532	498	362
ENSG00000165661	315	361	384	298
ENSG00000165669	740	716	727	643
ENSG00000165671	1429	1843	2060	1366
ENSG00000165672	1951	1919	2076	1524
ENSG00000165675	243	411	345	214
ENSG00000165678	2533	2862	2877	2192
ENSG00000165682	0	0	0	0
ENSG00000165684	334	346	349	291
ENSG00000165685	7	32	5	12
ENSG00000165688	778	728	844	589
ENSG00000165689	514	542	491	439
ENSG00000165694	3	0	0	3
ENSG00000165695	16	28	19	25
ENSG00000165698	141	210	196	148
ENSG00000165699	1455	2078	1770	1405
ENSG00000165702	3	3	0	3
ENSG00000165704	258	338	284	228

ENSG00000165714	160	212	189	157
ENSG00000165716	23	24	18	30
ENSG00000165724	227	220	246	184
ENSG00000165730	1	1	1	0
ENSG00000165731	26	8	9	12
ENSG00000165732	1027	1146	1459	932
ENSG00000165733	880	1156	1173	787
ENSG00000165752	137	111	125	121
ENSG00000165757	3892	5413	4105	2952
ENSG00000165762	0	0	0	0
ENSG00000165775	799	876	859	628
ENSG00000165782	492	482	700	419
ENSG00000165792	519	546	634	454
ENSG00000165794	1	2	0	2
ENSG00000165795	57	43	36	74
ENSG00000165799	1	1	1	1
ENSG00000165801	2905	2783	3451	2206
ENSG00000165802	1084	1224	1240	1083
ENSG00000165804	1128	884	693	680
ENSG00000165805	47	56	71	51
ENSG00000165806	533	414	480	548
ENSG00000165807	19	17	10	11
ENSG00000165810	9	13	12	7
ENSG00000165813	461	601	650	590
ENSG00000165816	9	10	2	9
ENSG00000165819	769	785	805	592
ENSG00000165821	530	517	599	406
ENSG00000165828	6	27	20	19
ENSG00000165832	476	449	375	335
ENSG00000165837	2	3	2	0
ENSG00000165841	0	0	0	0
ENSG00000165861	1169	1115	1179	962
ENSG00000165863	2	6	4	3
ENSG00000165868	413	393	595	611
ENSG00000165874	14	25	12	24
ENSG00000165879	88	70	76	54
ENSG00000165886	431	403	478	374
ENSG00000165887	3	16	6	18
ENSG00000165891	53	63	101	51
ENSG00000165895	143	144	260	123
ENSG00000165898	304	297	211	186
ENSG00000165899	8	14	14	17
ENSG00000165905	0	0	0	0

ENSG00000165912	616	585	619	452
ENSG00000165914	595	618	626	493
ENSG00000165915	2545	2855	2427	2369
ENSG00000165916	1426	1577	1580	1176
ENSG00000165917	1	5	3	0
ENSG00000165923	34	63	41	27
ENSG00000165929	11	24	12	3
ENSG00000165934	1617	1705	1782	1463
ENSG00000165935	4	1	0	1
ENSG00000165943	153	163	178	148
ENSG00000165948	80	82	109	79
ENSG00000165949	30	61	13	46
ENSG00000165953	0	0	0	0
ENSG00000165959	24	32	16	16
ENSG00000165966	2	9	2	1
ENSG00000165970	0	0	0	0
ENSG00000165972	8	11	4	11
ENSG00000165973	0	0	0	0
ENSG00000165983	183	133	207	204
ENSG00000165985	17	12	13	8
ENSG00000165995	76	158	113	137
ENSG00000165996	181	231	239	160
ENSG00000165997	462	410	572	398
ENSG00000166002	65	31	49	29
ENSG00000166004	371	357	448	305
ENSG00000166006	1	0	0	0
ENSG00000166007	0	0	0	0
ENSG00000166012	1032	1310	1440	1011
ENSG00000166013	0	0	0	0
ENSG00000166016	257	307	177	230
ENSG00000166024	312	366	450	364
ENSG00000166025	1968	2327	2353	2370
ENSG00000166033	2593	2963	4710	2536
ENSG00000166035	45	47	60	37
ENSG00000166037	987	1025	1150	852
ENSG00000166046	384	321	402	231
ENSG00000166049	0	0	0	0
ENSG00000166068	1064	1065	1134	1149
ENSG00000166069	0	0	0	0
ENSG00000166073	4688	4990	7335	3840
ENSG00000166086	2267	2311	1958	2151
ENSG00000166090	0	0	0	0
ENSG00000166091	1	0	1	7

ENSG00000166104	0	0	0	0
ENSG00000166105	10	25	11	14
ENSG00000166106	1070	1743	1320	1022
ENSG00000166111	2	7	2	5
ENSG00000166118	0	0	0	0
ENSG00000166123	384	437	412	370
ENSG00000166126	10	0	1	1
ENSG00000166128	2987	2790	3179	2198
ENSG00000166130	1432	1333	1396	943
ENSG00000166133	158	139	150	97
ENSG00000166135	1996	2301	2339	1253
ENSG00000166136	978	1118	1127	732
ENSG00000166140	463	389	438	293
ENSG00000166143	0	0	0	0
ENSG00000166145	0	4	2	0
ENSG00000166147	55377	84178	78202	58603
ENSG00000166148	1	1	18	3
ENSG00000166152	0	0	0	0
ENSG00000166153	17	12	7	27
ENSG00000166159	1	0	0	0
ENSG00000166160	0	0	0	0
ENSG00000166164	988	1257	1334	944
ENSG00000166165	316	613	269	313
ENSG00000166166	342	348	334	294
ENSG00000166167	534	652	695	532
ENSG00000166169	492	630	507	419
ENSG00000166170	624	766	736	595
ENSG00000166171	279	290	309	201
ENSG00000166173	1394	1691	1421	1130
ENSG00000166181	2081	2198	2519	1723
ENSG00000166183	0	0	1	0
ENSG00000166188	267	273	305	308
ENSG00000166189	358	379	295	315
ENSG00000166192	69	100	101	78
ENSG00000166197	1105	1153	1377	881
ENSG00000166199	196	300	271	186
ENSG00000166200	1770	2174	2325	1726
ENSG00000166206	131	48	21	99
ENSG00000166211	0	0	0	0
ENSG00000166220	0	1	0	0
ENSG00000166224	753	1019	1045	725
ENSG00000166225	1290	1259	1421	1133
ENSG00000166226	1617	1597	2023	1245

ENSG00000166228	478	631	461	433
ENSG00000166233	1779	2073	2487	1816
ENSG00000166246	15	27	21	12
ENSG00000166250	6378	8032	11392	7058
ENSG00000166257	16	20	15	11
ENSG00000166260	705	696	835	495
ENSG00000166261	170	188	168	128
ENSG00000166262	68	69	54	57
ENSG00000166263	438	420	369	347
ENSG00000166265	6	4	0	0
ENSG00000166266	892	966	1011	764
ENSG00000166268	0	0	0	0
ENSG00000166272	1872	2609	2200	1761
ENSG00000166275	416	522	413	323
ENSG00000166278	282	466	108	373
ENSG00000166289	591	523	379	410
ENSG00000166292	29	24	26	12
ENSG00000166295	967	1097	954	664
ENSG00000166311	3459	4085	4691	3344
ENSG00000166313	1377	1640	1668	1194
ENSG00000166317	11	15	33	8
ENSG00000166321	94	81	59	61
ENSG00000166323	4	21	29	15
ENSG00000166326	2236	3308	3881	2930
ENSG00000166329	0	0	0	0
ENSG00000166333	3273	4326	3364	2636
ENSG00000166337	1047	1241	1183	757
ENSG00000166340	7227	7171	7641	5904
ENSG00000166341	2821	3402	2503	2289
ENSG00000166342	34	1	172	19
ENSG00000166343	38	40	54	34
ENSG00000166347	845	1088	929	630
ENSG00000166348	333	474	412	249
ENSG00000166349	31	42	36	28
ENSG00000166351	0	0	0	0
ENSG00000166352	277	341	266	199
ENSG00000166359	10	20	7	10
ENSG00000166363	0	0	0	0
ENSG00000166368	0	0	0	0
ENSG00000166377	649	738	724	626
ENSG00000166387	333	623	438	450
ENSG00000166391	0	0	0	0
ENSG00000166394	210	247	181	181

ENSG00000166396	5	6	7	4
ENSG00000166398	672	855	863	662
ENSG00000166401	334	352	402	315
ENSG00000166402	744	895	947	882
ENSG00000166405	1	6	17	1
ENSG00000166407	1	0	1	0
ENSG00000166408	0	0	0	0
ENSG00000166411	446	523	610	400
ENSG00000166415	15	21	11	4
ENSG00000166426	0	0	0	0
ENSG00000166428	8	12	5	8
ENSG00000166432	81	126	38	120
ENSG00000166435	225	535	257	346
ENSG00000166436	209	415	333	274
ENSG00000166439	1010	881	1003	961
ENSG00000166441	12046	16666	16148	10109
ENSG00000166444	1867	2827	3510	1879
ENSG00000166446	188	128	74	51
ENSG00000166448	164	345	267	379
ENSG00000166450	36	86	120	48
ENSG00000166451	113	74	101	63
ENSG00000166452	474	621	596	418
ENSG00000166454	1656	2139	2060	1628
ENSG00000166455	20	31	24	35
ENSG00000166471	459	506	466	428
ENSG00000166473	249	408	225	124
ENSG00000166477	411	527	526	400
ENSG00000166478	235	323	274	259
ENSG00000166479	2121	2861	3038	2064
ENSG00000166482	38895	40802	41996	32959
ENSG00000166483	1779	3068	2042	3031
ENSG00000166484	902	808	982	680
ENSG00000166492	17	13	11	8
ENSG00000166501	6	3	2	0
ENSG00000166503	1203	1484	2102	1135
ENSG00000166507	443	789	567	622
ENSG00000166508	1009	913	854	845
ENSG00000166509	6	0	6	0
ENSG00000166510	35	70	55	182
ENSG00000166523	1	4	4	2
ENSG00000166526	564	606	491	472
ENSG00000166527	0	0	1	0
ENSG00000166529	194	210	242	170

ENSG00000166530	0	0	0	0
ENSG00000166532	773	991	1077	773
ENSG00000166535	6	5	7	11
ENSG00000166546	8	6	5	6
ENSG00000166548	1234	1472	1365	1206
ENSG00000166557	1526	1991	2018	1387
ENSG00000166558	0	0	0	0
ENSG00000166562	113	103	104	71
ENSG00000166569	2	1	5	4
ENSG00000166573	9	11	19	11
ENSG00000166575	376	376	453	401
ENSG00000166578	20	39	33	29
ENSG00000166579	1147	1448	1618	1011
ENSG00000166582	84	101	143	89
ENSG00000166589	0	0	0	0
ENSG00000166592	157	249	115	145
ENSG00000166595	675	769	745	548
ENSG00000166596	6	9	8	4
ENSG00000166598	20494	24400	20715	14338
ENSG00000166603	0	0	0	0
ENSG00000166619	1189	1310	1873	1189
ENSG00000166634	0	0	0	0
ENSG00000166664	10	29	2	9
ENSG00000166669	19	18	10	12
ENSG00000166670	21	4	22	15
ENSG00000166676	13	10	9	6
ENSG00000166681	2459	2935	3363	2266
ENSG00000166682	1	10	6	3
ENSG00000166685	672	792	814	691
ENSG00000166689	1	13	15	19
ENSG00000166693	0	0	0	0
ENSG00000166704	201	233	246	159
ENSG00000166707	30	29	17	16
ENSG00000166710	18523	24816	26811	19736
ENSG00000166716	855	994	1096	770
ENSG00000166734	2783	4190	4007	3126
ENSG00000166736	0	0	0	0
ENSG00000166741	2613	3530	3689	1799
ENSG00000166743	0	0	0	0
ENSG00000166747	1922	2367	2511	1729
ENSG00000166748	0	0	0	0
ENSG00000166750	6051	5835	5950	3699
ENSG00000166762	19	66	15	36

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ENSG00000166780	1109	1366	1008	1186
ENSG00000166783	1131	1179	1198	739
ENSG00000166787	0	0	0	0
ENSG00000166788	133	147	158	88
ENSG00000166793	330	318	226	218
ENSG00000166794	7963	8430	8558	6444
ENSG00000166796	2	4	29	12
ENSG00000166797	356	351	426	337
ENSG00000166800	2	11	7	6
ENSG00000166801	873	929	817	874
ENSG00000166803	47	42	37	36
ENSG00000166813	342	318	337	295
ENSG00000166816	7	7	7	3
ENSG00000166819	4	3	9	2
ENSG00000166821	146	132	222	137
ENSG00000166822	182	172	153	184
ENSG00000166823	1	7	4	4
ENSG00000166825	2926	2803	2959	2824
ENSG00000166828	2	3	6	2
ENSG00000166831	44	26	51	28
ENSG00000166833	4292	3527	2801	3889
ENSG00000166839	385	625	615	602
ENSG00000166840	9	6	12	3
ENSG00000166845	118	110	110	113
ENSG00000166847	2287	2505	2314	1688
ENSG00000166848	1239	1614	1727	1111
ENSG00000166851	39	35	52	58
ENSG00000166855	903	1011	1207	596
ENSG00000166856	1	1	0	0
ENSG00000166860	242	225	219	177
ENSG00000166862	1	0	2	2
ENSG00000166863	10	8	19	6
ENSG00000166866	0	0	0	0
ENSG00000166869	17	20	19	28
ENSG00000166881	625	555	652	633
ENSG00000166884	0	0	0	0
ENSG00000166886	1351	1066	1339	959
ENSG00000166887	2931	3262	3362	2455
ENSG00000166888	6237	6429	7312	5294
ENSG00000166889	1043	1189	1445	1079
ENSG00000166896	83	51	65	64
ENSG00000166897	2	15	24	5

ENSG00000166900	346	330	301	261
ENSG00000166902	410	518	577	333
ENSG00000166908	457	466	514	325
ENSG00000166912	444	539	615	505
ENSG00000166913	5268	5956	6003	4564
ENSG00000166920	2	19	24	4
ENSG00000166922	365	424	117	403
ENSG00000166923	19179	24219	37231	12467
ENSG00000166924	13	36	18	38
ENSG00000166925	761	796	823	723
ENSG00000166926	0	0	0	0
ENSG00000166927	4	1	3	1
ENSG00000166928	0	0	0	0
ENSG00000166930	0	1	0	0
ENSG00000166938	447	809	810	586
ENSG00000166946	813	1148	864	857
ENSG00000166947	0	4	3	3
ENSG00000166948	0	0	0	0
ENSG00000166949	5543	7754	6523	5132
ENSG00000166959	0	0	0	0
ENSG00000166960	19	6	1	16
ENSG00000166961	0	0	0	0
ENSG00000166963	10876	10506	10108	6877
ENSG00000166965	240	195	175	172
ENSG00000166971	461	502	488	426
ENSG00000166974	873	1105	822	806
ENSG00000166979	50	113	81	70
ENSG00000166984	0	0	0	0
ENSG00000166986	1966	2132	2180	1976
ENSG00000166987	693	749	728	595
ENSG00000166997	646	793	636	533
ENSG00000167004	11357	12727	11665	9891
ENSG00000167005	1910	2016	2411	1887
ENSG00000167011	1	0	0	1
ENSG00000167014	1	3	5	2
ENSG00000167034	22	32	26	26
ENSG00000167037	3	2	3	2
ENSG00000167065	160	161	138	103
ENSG00000167074	514	533	589	464
ENSG00000167077	4	16	9	9
ENSG00000167080	152	168	190	152
ENSG00000167081	2268	2988	1626	2754
ENSG00000167083	0	1	1	0

ENSG00000167085	1283	1416	1278	1019
ENSG00000167088	375	378	373	289
ENSG00000167094	4	10	11	10
ENSG00000167098	0	0	0	0
ENSG00000167100	78	114	70	126
ENSG00000167103	22	27	30	25
ENSG00000167104	0	0	0	0
ENSG00000167105	28	13	28	20
ENSG00000167106	1557	1131	1364	1287
ENSG00000167107	413	408	551	299
ENSG00000167110	2408	2746	2631	2085
ENSG00000167112	381	501	576	345
ENSG00000167113	439	521	531	321
ENSG00000167114	331	323	444	331
ENSG00000167118	1037	1054	875	740
ENSG00000167123	3649	5002	4489	4424
ENSG00000167130	180	187	157	140
ENSG00000167131	5	40	23	40
ENSG00000167136	119	125	92	138
ENSG00000167139	2	1	0	0
ENSG00000167157	520	771	510	570
ENSG00000167165	0	0	0	0
ENSG00000167173	365	269	414	274
ENSG00000167178	1	8	15	6
ENSG00000167182	304	459	438	319
ENSG00000167183	3	1	0	3
ENSG00000167186	356	365	359	283
ENSG00000167191	1234	1321	1301	1521
ENSG00000167193	2380	2484	2239	1935
ENSG00000167194	0	0	0	0
ENSG00000167195	0	0	0	0
ENSG00000167196	965	955	971	679
ENSG00000167202	8478	9112	9424	7158
ENSG00000167207	1	0	2	0
ENSG00000167208	0	2	1	1
ENSG00000167210	0	0	0	0
ENSG00000167216	140	243	178	242
ENSG00000167220	383	564	429	291
ENSG00000167232	319	397	485	306
ENSG00000167244	4307	12819	8340	2705
ENSG00000167257	378	480	555	300
ENSG00000167258	1211	1570	1465	1200
ENSG00000167261	1	0	4	1

ENSG00000167264	160	133	107	139
ENSG00000167272	288	284	265	183
ENSG00000167280	458	564	508	275
ENSG00000167281	6	7	10	7
ENSG00000167283	1728	1958	1851	1113
ENSG00000167286	0	0	0	0
ENSG00000167291	2649	2425	3101	2112
ENSG00000167302	366	336	392	322
ENSG00000167306	11	12	12	18
ENSG00000167311	10	43	70	33
ENSG00000167315	1048	1196	1324	1208
ENSG00000167323	1104	1672	1501	1125
ENSG00000167325	1028	1118	1290	705
ENSG00000167332	5	6	3	2
ENSG00000167333	495	403	474	302
ENSG00000167346	0	0	0	0
ENSG00000167359	0	0	0	0
ENSG00000167360	0	0	0	0
ENSG00000167363	86	121	95	120
ENSG00000167371	363	452	279	482
ENSG00000167377	355	517	475	398
ENSG00000167378	473	472	578	518
ENSG00000167380	367	510	543	301
ENSG00000167384	131	190	131	164
ENSG00000167390	0	0	0	0
ENSG00000167393	77	132	82	127
ENSG00000167394	285	346	265	228
ENSG00000167395	666	608	670	443
ENSG00000167397	2020	2578	2584	2027
ENSG00000167414	2	1	1	0
ENSG00000167419	8	8	2	12
ENSG00000167434	0	0	1	0
ENSG00000167447	431	445	502	383
ENSG00000167460	34115	46842	47001	34651
ENSG00000167461	1018	1173	1005	724
ENSG00000167468	6500	7973	8525	5469
ENSG00000167470	1139	1148	1290	894
ENSG00000167476	3	10	11	4
ENSG00000167483	41	43	53	35
ENSG00000167487	137	158	153	136
ENSG00000167491	1218	1094	1138	1024
ENSG00000167494	0	0	0	0
ENSG00000167508	440	346	365	257

ENSG00000167513	23	41	20	25
ENSG00000167515	768	940	1027	551
ENSG00000167522	4332	5539	5589	3647
ENSG00000167523	68	104	86	62
ENSG00000167524	50	62	58	37
ENSG00000167525	42	66	47	29
ENSG00000167526	21358	22780	17414	16402
ENSG00000167528	243	306	340	278
ENSG00000167531	0	0	0	0
ENSG00000167535	1354	1413	1543	1194
ENSG00000167536	70	67	60	74
ENSG00000167543	451	467	412	415
ENSG00000167548	2031	2628	2266	1644
ENSG00000167549	682	741	769	588
ENSG00000167550	10	13	8	11
ENSG00000167552	13665	14643	14008	7824
ENSG00000167553	2894	3258	2565	1815
ENSG00000167554	79	176	142	98
ENSG00000167555	702	1010	981	616
ENSG00000167562	142	214	121	147
ENSG00000167565	329	387	392	216
ENSG00000167566	759	979	838	662
ENSG00000167578	240	277	185	207
ENSG00000167580	0	0	1	0
ENSG00000167588	0	7	1	8
ENSG00000167595	177	188	186	179
ENSG00000167600	63	63	48	76
ENSG00000167601	4652	5511	5265	4193
ENSG00000167604	36	67	49	31
ENSG00000167608	0	0	4	0
ENSG00000167612	1	4	4	2
ENSG00000167613	0	2	6	5
ENSG00000167614	0	5	0	0
ENSG00000167615	2122	3330	2178	1550
ENSG00000167617	50	25	44	36
ENSG00000167618	0	0	0	0
ENSG00000167619	7	19	9	12
ENSG00000167625	307	285	283	184
ENSG00000167632	447	622	572	388
ENSG00000167633	0	0	0	0
ENSG00000167634	0	0	0	0
ENSG00000167635	975	1428	1460	1060
ENSG00000167637	201	152	166	108

ENSG00000167641	36	123	80	30
ENSG00000167642	10	79	42	71
ENSG00000167644	0	0	0	0
ENSG00000167645	409	567	415	315
ENSG00000167646	4	7	7	7
ENSG00000167653	11	9	116	4
ENSG00000167654	4	6	5	11
ENSG00000167656	0	0	0	0
ENSG00000167657	1308	1158	1294	1159
ENSG00000167658	68854	76342	68871	54599
ENSG00000167664	0	4	0	1
ENSG00000167670	122	189	180	130
ENSG00000167671	2978	3182	3250	2247
ENSG00000167674	1390	1616	1569	1159
ENSG00000167676	45	34	121	86
ENSG00000167680	15	66	74	48
ENSG00000167685	441	489	540	432
ENSG00000167693	1957	1952	2544	1025
ENSG00000167695	315	408	632	506
ENSG00000167699	688	759	876	606
ENSG00000167700	119	145	142	116
ENSG00000167701	32	33	29	23
ENSG00000167702	334	292	346	226
ENSG00000167703	91	176	189	55
ENSG00000167705	70	82	66	55
ENSG00000167711	5	4	3	6
ENSG00000167716	1098	763	744	876
ENSG00000167720	381	348	347	321
ENSG00000167721	1083	1393	1432	1089
ENSG00000167723	25	55	45	51
ENSG00000167733	234	198	188	162
ENSG00000167740	454	792	733	553
ENSG00000167741	4	3	1	2
ENSG00000167747	395	350	280	260
ENSG00000167748	0	1	0	0
ENSG00000167749	1	3	2	2
ENSG00000167751	2	3	1	1
ENSG00000167754	0	0	0	0
ENSG00000167755	0	0	0	0
ENSG00000167757	7	4	4	7
ENSG00000167759	0	0	0	1
ENSG00000167766	766	1043	1003	952
ENSG00000167767	5	21	6	8

ENSG00000167768	0	0	0	0
ENSG00000167769	0	1	0	0
ENSG00000167770	961	1137	1111	847
ENSG00000167771	69	64	86	67
ENSG00000167772	369	289	830	1440
ENSG00000167774	0	61	23	0
ENSG00000167775	402	271	378	274
ENSG00000167778	784	789	707	639
ENSG00000167779	2412	5639	2365	4859
ENSG00000167780	1	1	1	3
ENSG00000167785	522	575	509	358
ENSG00000167791	0	0	0	0
ENSG00000167792	1496	1637	1342	1167
ENSG00000167797	279	294	216	165
ENSG00000167798	0	0	0	0
ENSG00000167799	20	22	14	19
ENSG00000167800	0	0	0	1
ENSG00000167807	12	12	16	14
ENSG00000167815	1165	1495	1685	1105
ENSG00000167822	0	0	0	0
ENSG00000167825	0	0	0	0
ENSG00000167840	73	103	84	78
ENSG00000167842	331	335	189	257
ENSG00000167850	0	0	0	0
ENSG00000167851	0	0	0	0
ENSG00000167858	0	0	1	0
ENSG00000167861	8	12	12	5
ENSG00000167862	228	249	289	142
ENSG00000167863	1526	1708	1739	1153
ENSG00000167874	5	3	8	6
ENSG00000167880	9	0	0	0
ENSG00000167881	1331	1601	1710	1195
ENSG00000167889	9	5	6	5
ENSG00000167895	1	0	2	1
ENSG00000167900	79	110	72	73
ENSG00000167904	244	344	363	267
ENSG00000167910	0	1	0	2
ENSG00000167914	7	7	5	3
ENSG00000167916	0	0	0	0
ENSG00000167920	136	161	120	168
ENSG00000167925	452	441	295	286
ENSG00000167930	2312	2961	2457	2025
ENSG00000167941	0	0	0	0

ENSG00000167945	2	3	2	2
ENSG00000167962	808	682	714	726
ENSG00000167964	16	13	12	15
ENSG00000167965	633	748	809	524
ENSG00000167967	450	434	413	312
ENSG00000167968	13	16	10	6
ENSG00000167969	331	418	268	370
ENSG00000167971	2	6	1	4
ENSG00000167972	119	237	57	141
ENSG00000167977	357	425	425	261
ENSG00000167978	10998	13481	12775	9008
ENSG00000167981	84	89	110	66
ENSG00000167984	32	60	39	22
ENSG00000167985	174	193	179	179
ENSG00000167986	8336	10367	10780	7417
ENSG00000167987	356	420	400	304
ENSG00000167992	500	306	344	393
ENSG00000167994	1103	1036	1145	747
ENSG00000167995	425	556	418	555
ENSG00000167996	143102	161324	199127	120693
ENSG00000168000	283	275	257	237
ENSG00000168002	625	685	668	570
ENSG00000168003	1809	1727	2155	1570
ENSG00000168004	53	46	2	13
ENSG00000168005	391	447	430	327
ENSG00000168010	230	328	324	277
ENSG00000168014	497	599	728	489
ENSG00000168016	1654	1732	1871	1721
ENSG00000168026	106	92	97	106
ENSG00000168028	15113	14679	16125	13265
ENSG00000168032	76	36	65	97
ENSG00000168036	5493	5611	5678	4748
ENSG00000168038	102	118	91	47
ENSG00000168040	417	438	383	357
ENSG00000168056	4814	7087	6011	5464
ENSG00000168060	157	164	176	176
ENSG00000168061	114	95	103	91
ENSG00000168062	69	27	38	27
ENSG00000168065	0	2	3	2
ENSG00000168066	2494	3159	3614	2303
ENSG00000168067	170	271	338	208
ENSG00000168070	0	0	0	0
ENSG00000168071	31	49	54	31

ENSG00000168077	2807	2987	3111	2154
ENSG00000168078	34	37	22	30
ENSG00000168079	58	404	54	302
ENSG00000168081	0	1	0	0
ENSG00000168090	1599	1831	1557	1144
ENSG00000168092	1649	1623	1483	1163
ENSG00000168096	354	401	341	272
ENSG00000168101	229	271	226	166
ENSG00000168116	185	302	254	128
ENSG00000168118	805	777	739	676
ENSG00000168122	0	0	0	0
ENSG00000168124	0	1	2	0
ENSG00000168126	0	0	0	0
ENSG00000168129	0	0	0	0
ENSG00000168131	0	0	0	0
ENSG00000168135	2	0	2	0
ENSG00000168137	2403	2599	3231	2445
ENSG00000168140	2433	2621	1814	2282
ENSG00000168143	1	1	1	0
ENSG00000168148	2	0	2	0
ENSG00000168152	82	107	83	106
ENSG00000168158	0	5	4	5
ENSG00000168159	1979	2396	1933	1659
ENSG00000168172	980	1810	1529	1508
ENSG00000168175	1136	1613	1672	910
ENSG00000168209	1870	1620	1368	1322
ENSG00000168214	7666	10594	6880	7176
ENSG00000168216	921	1167	1169	868
ENSG00000168228	201	241	213	157
ENSG00000168229	0	1	1	0
ENSG00000168234	432	476	494	420
ENSG00000168237	50	41	60	38
ENSG00000168243	1	3	3	5
ENSG00000168246	771	878	897	715
ENSG00000168255	607	1394	790	798
ENSG00000168256	587	675	730	495
ENSG00000168259	1108	1396	1563	1074
ENSG00000168263	1	1	0	0
ENSG00000168264	2005	1548	1786	1810
ENSG00000168267	0	0	0	0
ENSG00000168268	1010	1051	1523	977
ENSG00000168269	0	0	0	0
ENSG00000168273	75	107	78	93

ENSG00000168275	166	128	203	93
ENSG00000168280	1	3	0	10
ENSG00000168282	1187	1315	1081	940
ENSG00000168283	1218	1272	1263	1148
ENSG00000168286	498	482	500	388
ENSG00000168288	1365	1621	2212	1203
ENSG00000168291	759	970	961	699
ENSG00000168297	1673	1922	2649	1552
ENSG00000168298	0	0	5	2
ENSG00000168300	2343	2058	2790	1814
ENSG00000168301	123	158	140	115
ENSG00000168303	321	289	338	214
ENSG00000168306	513	579	513	456
ENSG00000168309	22	41	10	11
ENSG00000168310	707	663	724	568
ENSG00000168314	11	12	8	11
ENSG00000168329	0	1	0	4
ENSG00000168333	0	0	0	0
ENSG00000168334	3	1	0	6
ENSG00000168348	0	0	0	0
ENSG00000168350	13	8	4	27
ENSG00000168356	5	9	9	3
ENSG00000168374	4604	5616	5490	4546
ENSG00000168379	0	0	0	0
ENSG00000168384	0	6	9	7
ENSG00000168385	15758	16116	16757	12644
ENSG00000168386	2429	4470	2847	1635
ENSG00000168389	4	8	11	7
ENSG00000168393	276	206	274	218
ENSG00000168394	133	133	131	74
ENSG00000168395	326	322	376	336
ENSG00000168397	810	1097	956	678
ENSG00000168398	9463	10249	15142	7748
ENSG00000168404	56	56	90	81
ENSG00000168405	127	111	109	109
ENSG00000168411	449	369	416	321
ENSG00000168412	1	0	0	0
ENSG00000168418	4	7	10	4
ENSG00000168421	14	12	10	10
ENSG00000168427	6	18	15	10
ENSG00000168434	364	443	525	333
ENSG00000168438	599	681	728	542
ENSG00000168439	1712	1753	2094	1402

ENSG00000168447	0	0	1	0
ENSG00000168452	8	139	89	34
ENSG00000168453	1418	903	1247	696
ENSG00000168454	3	3	0	0
ENSG00000168461	2231	3433	3804	2234
ENSG00000168468	324	56	54	43
ENSG00000168476	258	183	193	178
ENSG00000168477	2540	11102	2174	3544
ENSG00000168481	0	5	2	1
ENSG00000168484	0	0	0	0
ENSG00000168487	2434	2827	2739	2330
ENSG00000168488	1700	1960	2480	1632
ENSG00000168490	47	75	51	65
ENSG00000168491	20	18	14	11
ENSG00000168495	611	616	732	470
ENSG00000168496	152	143	153	95
ENSG00000168497	777	1504	1104	487
ENSG00000168502	2205	2589	3717	2374
ENSG00000168505	0	0	0	1
ENSG00000168509	0	0	0	0
ENSG00000168515	0	0	0	0
ENSG00000168517	107	172	110	103
ENSG00000168522	1287	1312	1361	1178
ENSG00000168528	1407	2539	1607	1135
ENSG00000168530	0	0	0	0
ENSG00000168538	931	1349	1335	987
ENSG00000168539	0	0	1	0
ENSG00000168542	110869	127981	109453	108876
ENSG00000168546	1	2	3	3
ENSG00000168556	201	316	239	239
ENSG00000168564	363	448	357	333
ENSG00000168566	346	309	310	264
ENSG00000168569	170	184	219	153
ENSG00000168575	842	1606	981	1020
ENSG00000168582	0	0	0	0
ENSG00000168589	3	9	4	12
ENSG00000168591	892	1072	1069	749
ENSG00000168594	7	5	3	6
ENSG00000168610	6608	6835	7928	5601
ENSG00000168612	250	291	263	216
ENSG00000168615	15192	20778	19012	15333
ENSG00000168619	0	0	0	0
ENSG00000168621	73	91	166	91

ENSG00000168630	0	0	0	0
ENSG00000168631	0	0	0	0
ENSG00000168634	2	1	4	0
ENSG00000168646	271	349	277	321
ENSG00000168653	1448	1141	1753	1008
ENSG00000168658	2	6	5	2
ENSG00000168661	44	86	49	66
ENSG00000168671	0	0	0	0
ENSG00000168672	54	14	18	15
ENSG00000168675	3	8	3	6
ENSG00000168676	52	5	12	10
ENSG00000168679	326	832	372	449
ENSG00000168685	66	101	89	47
ENSG00000168701	278	270	307	221
ENSG00000168702	1	0	3	1
ENSG00000168703	2	4	0	2
ENSG00000168710	2572	3144	3848	2130
ENSG00000168724	1159	1411	1575	1173
ENSG00000168734	1631	2062	2119	1915
ENSG00000168743	52	52	34	30
ENSG00000168746	0	0	0	0
ENSG00000168748	0	1	0	2
ENSG00000168754	3	3	4	0
ENSG00000168757	0	0	0	0
ENSG00000168758	783	819	719	558
ENSG00000168763	370	385	525	460
ENSG00000168765	392	296	383	316
ENSG00000168769	450	517	526	357
ENSG00000168772	0	0	0	0
ENSG00000168778	287	415	308	336
ENSG00000168779	185	97	521	133
ENSG00000168781	407	605	421	512
ENSG00000168785	3178	3389	4205	3085
ENSG00000168787	0	0	0	0
ENSG00000168792	342	423	342	340
ENSG00000168795	239	279	278	202
ENSG00000168802	1777	1959	2169	1647
ENSG00000168803	192	320	252	201
ENSG00000168806	155	217	173	135
ENSG00000168807	2377	2380	2652	2161
ENSG00000168811	81	51	118	30
ENSG00000168813	498	608	676	465
ENSG00000168818	433	634	516	402

ENSG00000168824	21	23	14	31
ENSG00000168826	67	95	140	61
ENSG00000168827	793	863	805	665
ENSG00000168828	0	0	0	0
ENSG00000168830	0	0	0	0
ENSG00000168843	121	257	3	186
ENSG00000168852	3	7	7	3
ENSG00000168872	808	1061	1348	846
ENSG00000168874	432	395	425	510
ENSG00000168875	0	0	0	0
ENSG00000168876	220	212	220	212
ENSG00000168878	15	16	18	15
ENSG00000168883	940	1036	984	823
ENSG00000168884	616	616	617	445
ENSG00000168887	452	494	401	372
ENSG00000168890	341	432	403	313
ENSG00000168894	700	1010	927	688
ENSG00000168899	1035	1190	793	898
ENSG00000168903	0	0	0	0
ENSG00000168904	305	298	307	263
ENSG00000168906	4422	4577	4395	4077
ENSG00000168907	2	2	4	2
ENSG00000168913	6	2	0	1
ENSG00000168916	657	336	661	663
ENSG00000168917	187	209	225	161
ENSG00000168918	25	13	9	9
ENSG00000168924	572	610	732	528
ENSG00000168925	1	0	1	0
ENSG00000168928	0	1	1	3
ENSG00000168930	0	0	0	0
ENSG00000168936	1489	1565	1354	1192
ENSG00000168938	1265	1545	1325	1208
ENSG00000168939	55	57	46	61
ENSG00000168944	460	605	623	522
ENSG00000168952	125	116	28	175
ENSG00000168955	2	79	69	5
ENSG00000168958	1651	2202	2446	1569
ENSG00000168959	1	7	2	0
ENSG00000168961	29	46	26	31
ENSG00000168967	2	1	4	1
ENSG00000168970	199	235	176	192
ENSG00000168992	4	5	8	5
ENSG00000168993	3	4	2	2

ENSG00000168994	803	1063	1176	682
ENSG00000168995	0	0	0	0
ENSG00000169006	0	0	0	0
ENSG00000169016	226	223	329	182
ENSG00000169018	1392	1600	1531	1372
ENSG00000169019	357	351	367	285
ENSG00000169020	607	920	858	520
ENSG00000169021	767	811	888	649
ENSG00000169026	55	88	66	57
ENSG00000169031	10	46	29	22
ENSG00000169032	1165	1301	1270	1131
ENSG00000169035	1	1	2	1
ENSG00000169040	1	0	0	0
ENSG00000169045	4110	4356	3790	3082
ENSG00000169047	2897	2652	4364	1964
ENSG00000169057	1522	2078	1774	1667
ENSG00000169059	0	0	0	0
ENSG00000169062	1250	1176	1319	1103
ENSG00000169064	0	0	0	0
ENSG00000169067	0	0	0	0
ENSG00000169071	1737	1543	1770	1151
ENSG00000169075	2	2	2	1
ENSG00000169083	1517	1071	1875	1184
ENSG00000169084	548	488	499	452
ENSG00000169085	22	40	31	21
ENSG00000169087	121	148	153	115
ENSG00000169093	711	740	677	596
ENSG00000169100	9412	8153	8638	5675
ENSG00000169105	962	1031	736	745
ENSG00000169116	25	7	21	19
ENSG00000169118	543	592	799	419
ENSG00000169122	399	490	605	508
ENSG00000169126	5	6	1	6
ENSG00000169129	32	6	12	15
ENSG00000169131	213	217	276	223
ENSG00000169136	1291	2546	528	3089
ENSG00000169139	686	838	1005	630
ENSG00000169154	0	0	0	0
ENSG00000169155	286	423	493	285
ENSG00000169164	0	0	0	0
ENSG00000169169	547	791	730	591
ENSG00000169174	7	9	3	2
ENSG00000169180	2087	3069	2661	2162

ENSG00000169181	7	4	7	3
ENSG00000169184	1569	3290	1172	2370
ENSG00000169188	258	305	323	217
ENSG00000169189	645	666	707	553
ENSG00000169193	103	106	128	113
ENSG00000169194	1	0	1	1
ENSG00000169203	343	246	297	223
ENSG00000169208	0	0	0	0
ENSG00000169213	1623	3562	3671	2372
ENSG00000169214	0	0	0	0
ENSG00000169217	1209	1199	1264	1039
ENSG00000169218	262	602	235	328
ENSG00000169220	77	109	105	74
ENSG00000169221	1009	1093	1125	916
ENSG00000169223	2346	2576	2678	1633
ENSG00000169224	2	12	4	5
ENSG00000169228	513	660	575	424
ENSG00000169230	884	990	996	696
ENSG00000169231	1408	2055	1444	1323
ENSG00000169239	327	342	404	471
ENSG00000169241	314	327	373	328
ENSG00000169242	25	6	15	4
ENSG00000169245	6	2	3	0
ENSG00000169246	324	423	575	324
ENSG00000169247	13	46	13	14
ENSG00000169248	1	0	0	1
ENSG00000169249	137	248	197	371
ENSG00000169251	976	918	1238	892
ENSG00000169252	11	21	22	11
ENSG00000169253	0	0	0	0
ENSG00000169255	247	268	216	245
ENSG00000169258	108	99	122	77
ENSG00000169260	3	26	0	0
ENSG00000169271	29	33	41	14
ENSG00000169282	45	63	46	25
ENSG00000169288	256	207	273	166
ENSG00000169291	9	13	16	7
ENSG00000169297	45	6	8	4
ENSG00000169299	310	331	292	214
ENSG00000169302	66	68	13	56
ENSG00000169306	1	4	2	3
ENSG00000169313	4	7	4	6
ENSG00000169314	19	32	8	22

ENSG00000169325	0	0	0	0
ENSG00000169327	0	0	0	0
ENSG00000169330	29	49	76	49
ENSG00000169340	0	0	1	1
ENSG00000169344	0	0	0	0
ENSG00000169347	1	3	4	2
ENSG00000169359	834	896	792	765
ENSG00000169371	553	503	571	493
ENSG00000169372	191	196	148	145
ENSG00000169375	1460	1429	1549	1094
ENSG00000169379	176	218	195	159
ENSG00000169385	0	0	0	0
ENSG00000169393	0	0	0	0
ENSG00000169397	0	0	0	0
ENSG00000169398	2025	1915	2404	1533
ENSG00000169402	5	3	9	6
ENSG00000169403	2	6	8	7
ENSG00000169410	953	1087	1225	958
ENSG00000169413	0	0	0	0
ENSG00000169418	34	116	24	109
ENSG00000169427	0	0	0	0
ENSG00000169429	3	30	27	3
ENSG00000169432	1374	3797	3543	2703
ENSG00000169435	4	7	16	3
ENSG00000169436	0	0	4	0
ENSG00000169439	980	1686	1566	1515
ENSG00000169442	0	0	1	1
ENSG00000169446	642	756	662	636
ENSG00000169469	0	0	0	0
ENSG00000169474	0	0	0	0
ENSG00000169484	0	0	0	0
ENSG00000169488	0	0	0	0
ENSG00000169490	1177	1315	1073	912
ENSG00000169495	17	23	19	23
ENSG00000169499	1238	1160	974	870
ENSG00000169504	13540	16261	11947	12983
ENSG00000169507	22	116	21	42
ENSG00000169508	0	0	0	0
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ENSG00000169515	532	324	141	612
ENSG00000169519	399	326	446	332
ENSG00000169548	0	0	0	0
ENSG00000169550	1	2	0	0

ENSG00000169551	0	3	0	1
ENSG00000169554	4882	4083	4996	3575
ENSG00000169562	0	0	0	0
ENSG00000169564	3600	3613	3654	3061
ENSG00000169567	1807	1664	1514	1266
ENSG00000169570	103	140	95	103
ENSG00000169575	0	0	0	0
ENSG00000169583	29	58	12	50
ENSG00000169592	718	811	758	551
ENSG00000169594	272	170	215	210
ENSG00000169598	95	132	101	70
ENSG00000169599	389	460	503	377
ENSG00000169604	11147	16506	24559	10379
ENSG00000169605	0	0	0	0
ENSG00000169607	33	33	6	18
ENSG00000169609	518	682	588	498
ENSG00000169612	316	292	259	230
ENSG00000169618	1	0	0	1
ENSG00000169621	108	154	193	118
ENSG00000169627	174	109	115	111
ENSG00000169629	120	195	266	209
ENSG00000169635	115	112	89	81
ENSG00000169641	1709	1644	1970	1324
ENSG00000169660	231	243	241	194
ENSG00000169662	1	0	0	0
ENSG00000169668	14	19	11	8
ENSG00000169676	0	0	1	0
ENSG00000169679	56	72	39	34
ENSG00000169682	1091	1178	1036	957
ENSG00000169683	181	183	208	161
ENSG00000169684	8	9	7	14
ENSG00000169688	0	0	0	0
ENSG00000169689	163	201	205	132
ENSG00000169692	464	531	585	448
ENSG00000169696	265	361	349	239
ENSG00000169704	0	0	0	0
ENSG00000169710	2134	1626	1290	942
ENSG00000169714	3518	3622	3735	3269
ENSG00000169715	247	312	202	118
ENSG00000169717	0	0	0	0
ENSG00000169718	605	653	593	484
ENSG00000169727	1478	1660	1647	1199
ENSG00000169733	754	901	926	683

ENSG00000169738	290	285	271	208
ENSG00000169740	444	430	564	335
ENSG00000169744	1090	984	1267	1062
ENSG00000169750	49	35	52	38
ENSG00000169752	38	18	13	1
ENSG00000169756	1837	1976	2186	1897
ENSG00000169758	27	40	31	16
ENSG00000169760	65	38	10	124
ENSG00000169762	333	381	320	295
ENSG00000169763	0	0	0	0
ENSG00000169764	2312	2761	2198	2330
ENSG00000169777	0	2	1	2
ENSG00000169783	1	1	3	1
ENSG00000169789	0	0	0	0
ENSG00000169800	0	0	0	0
ENSG00000169807	0	0	0	0
ENSG00000169811	0	0	0	0
ENSG00000169813	3248	2692	2667	2502
ENSG00000169814	371	381	425	281
ENSG00000169826	1302	1414	1587	1074
ENSG00000169836	3	1	1	1
ENSG00000169840	0	0	0	0
ENSG00000169849	0	0	0	0
ENSG00000169851	33	301	28	626
ENSG00000169855	2027	2726	4793	1765
ENSG00000169856	1	0	1	0
ENSG00000169857	273	249	234	169
ENSG00000169860	359	370	94	222
ENSG00000169862	2	0	0	0
ENSG00000169871	2398	2782	3095	2706
ENSG00000169876	0	2	1	0
ENSG00000169877	0	0	0	0
ENSG00000169884	0	5	2	5
ENSG00000169885	18	23	5	21
ENSG00000169891	90	219	161	149
ENSG00000169894	1	0	0	0
ENSG00000169895	1054	1218	1366	1217
ENSG00000169896	0	0	0	0
ENSG00000169900	0	0	0	0
ENSG00000169902	2583	2641	2662	2012
ENSG00000169903	0	2	2	0
ENSG00000169905	1274	2055	1643	1369
ENSG00000169906	0	0	0	0

ENSG00000169908	492	870	706	488
ENSG00000169914	208	232	271	112
ENSG00000169918	11	43	10	20
ENSG00000169919	802	777	954	695
ENSG00000169925	977	1078	876	1001
ENSG00000169926	294	1068	74	190
ENSG00000169933	24	81	17	49
ENSG00000169946	554	649	729	685
ENSG00000169951	98	132	110	83
ENSG00000169953	4	7	5	0
ENSG00000169955	188	199	207	222
ENSG00000169957	527	512	542	393
ENSG00000169962	11	9	12	7
ENSG00000169964	208	216	176	191
ENSG00000169967	1435	1372	1395	1000
ENSG00000169972	230	227	235	166
ENSG00000169976	1072	1140	1045	787
ENSG00000169981	50	56	61	54
ENSG00000169989	3	4	1	5
ENSG00000169991	279	257	165	190
ENSG00000169992	2169	2665	2307	1953
ENSG00000169994	0	1	71	1
ENSG00000170004	9318	11142	10585	8474
ENSG00000170006	114	65	15	97
ENSG00000170011	10	3	6	1
ENSG00000170017	3914	4298	6592	4315
ENSG00000170027	3291	3056	3345	2667
ENSG00000170035	1802	1899	2250	1593
ENSG00000170037	657	617	646	560
ENSG00000170043	1162	1653	1704	1093
ENSG00000170044	0	1	2	2
ENSG00000170049	26	45	24	36
ENSG00000170054	0	0	0	0
ENSG00000170074	3	4	0	0
ENSG00000170075	4	6	5	3
ENSG00000170085	208	260	225	185
ENSG00000170088	503	594	632	515
ENSG00000170089	46	74	27	46
ENSG00000170091	0	0	1	0
ENSG00000170092	14	24	13	7
ENSG00000170099	0	0	0	0
ENSG00000170100	173	224	168	128
ENSG00000170113	337	366	369	295

ENSG00000170122	4	6	3	9
ENSG00000170128	0	0	0	0
ENSG00000170142	1773	1839	2098	1391
ENSG00000170144	4815	4163	4038	3101
ENSG00000170145	3233	3755	3471	2543
ENSG00000170152	0	0	0	0
ENSG00000170153	138	415	605	204
ENSG00000170160	43	467	839	552
ENSG00000170162	0	0	1	0
ENSG00000170165	0	1	1	0
ENSG00000170166	3	0	0	1
ENSG00000170175	98	111	89	130
ENSG00000170178	0	0	0	0
ENSG00000170180	2	0	4	0
ENSG00000170185	548	607	550	485
ENSG00000170190	141	241	226	203
ENSG00000170191	227	229	235	203
ENSG00000170209	5	1	1	0
ENSG00000170214	15	81	12	21
ENSG00000170222	139	187	165	127
ENSG00000170231	0	0	0	0
ENSG00000170234	304	297	433	286
ENSG00000170236	4	0	2	4
ENSG00000170242	2230	2814	3143	2039
ENSG00000170248	4778	5804	5189	4536
ENSG00000170255	0	0	0	0
ENSG00000170260	202	198	207	164
ENSG00000170262	6	3	15	0
ENSG00000170264	77	103	105	88
ENSG00000170265	495	592	582	512
ENSG00000170266	2160	2624	2585	1915
ENSG00000170270	39	47	41	28
ENSG00000170271	2040	2349	2074	1803
ENSG00000170275	9349	9277	9636	7538
ENSG00000170276	149	132	90	123
ENSG00000170279	0	0	0	0
ENSG00000170289	1	0	0	0
ENSG00000170290	0	0	0	0
ENSG00000170291	444	409	427	319
ENSG00000170293	12	15	9	17
ENSG00000170296	5696	5630	6162	4768
ENSG00000170298	0	0	0	0
ENSG00000170310	500	541	579	429

ENSG00000170312	85	67	70	54
ENSG00000170315	9957	11830	12590	9041
ENSG00000170322	579	600	632	554
ENSG00000170323	0	0	5	4
ENSG00000170324	1	2	13	1
ENSG00000170325	273	243	278	276
ENSG00000170340	216	317	184	199
ENSG00000170345	54	77	47	43
ENSG00000170348	5443	7719	6850	5188
ENSG00000170356	74	180	103	39
ENSG00000170364	463	472	517	399
ENSG00000170365	590	749	628	556
ENSG00000170367	0	0	0	0
ENSG00000170369	0	0	0	0
ENSG00000170370	0	1	11	1
ENSG00000170373	1	3	0	0
ENSG00000170374	0	0	0	0
ENSG00000170379	232	186	153	145
ENSG00000170381	77	124	249	222
ENSG00000170382	3	8	6	2
ENSG00000170385	1303	1295	1862	1100
ENSG00000170390	122	187	176	217
ENSG00000170396	124	107	212	79
ENSG00000170409	1	0	1	0
ENSG00000170412	71	9	15	43
ENSG00000170417	188	235	224	162
ENSG00000170419	0	2	0	0
ENSG00000170421	26	52	137	37
ENSG00000170423	0	0	0	0
ENSG00000170425	117	85	152	108
ENSG00000170426	0	1	2	1
ENSG00000170430	302	333	302	338
ENSG00000170439	16	40	21	27
ENSG00000170442	0	6	0	2
ENSG00000170445	1070	1143	1078	994
ENSG00000170448	193	247	253	192
ENSG00000170454	0	0	0	0
ENSG00000170456	499	544	671	530
ENSG00000170458	18	23	17	13
ENSG00000170464	545	544	622	450
ENSG00000170465	0	0	0	0
ENSG00000170468	205	211	185	171
ENSG00000170469	26	33	26	26

ENSG00000170471	2170	2167	2446	1729
ENSG00000170473	250	286	253	226
ENSG00000170476	0	6	3	3
ENSG00000170477	0	6	0	0
ENSG00000170482	6	12	16	5
ENSG00000170484	0	0	0	0
ENSG00000170485	221	262	375	214
ENSG00000170486	0	0	1	0
ENSG00000170498	1	4	3	1
ENSG00000170500	5	2	3	7
ENSG00000170502	535	603	763	418
ENSG00000170509	7	15	18	15
ENSG00000170515	1557	1672	1794	1176
ENSG00000170516	0	0	0	0
ENSG00000170522	169	184	193	202
ENSG00000170523	0	0	0	0
ENSG00000170525	3123	1947	3404	1588
ENSG00000170537	19	31	54	30
ENSG00000170540	1505	1541	1448	1387
ENSG00000170542	138	196	178	122
ENSG00000170545	164	274	228	204
ENSG00000170549	0	0	0	0
ENSG00000170558	250	366	267	637
ENSG00000170561	44	56	11	98
ENSG00000170571	98	148	703	53
ENSG00000170577	0	4	14	0
ENSG00000170579	9	19	36	8
ENSG00000170581	7583	8050	8317	6028
ENSG00000170584	410	323	296	391
ENSG00000170604	375	351	385	340
ENSG00000170605	0	0	0	0
ENSG00000170606	2764	3898	3949	2909
ENSG00000170608	2	0	0	0
ENSG00000170613	0	0	0	0
ENSG00000170615	0	4	3	2
ENSG00000170619	280	297	269	213
ENSG00000170624	3110	4952	2184	2480
ENSG00000170627	1	0	2	0
ENSG00000170629	110	152	103	107
ENSG00000170631	173	176	193	134
ENSG00000170632	406	523	476	521
ENSG00000170633	476	416	521	333
ENSG00000170634	117	193	179	133

ENSG00000170638	438	457	368	333
ENSG00000170647	41	44	59	27
ENSG00000170653	1425	1529	1400	1348
ENSG00000170667	214	237	188	234
ENSG00000170677	542	596	555	502
ENSG00000170681	40	68	47	34
ENSG00000170683	0	0	0	0
ENSG00000170684	5	5	2	4
ENSG00000170688	0	0	0	0
ENSG00000170689	0	1	0	1
ENSG00000170703	11	11	9	1
ENSG00000170734	941	1076	900	902
ENSG00000170743	1	4	1	1
ENSG00000170745	54	104	43	34
ENSG00000170748	0	0	1	1
ENSG00000170759	3171	4700	4375	3421
ENSG00000170775	125	135	34	166
ENSG00000170776	2556	2600	2538	2360
ENSG00000170777	0	0	0	0
ENSG00000170779	131	87	105	95
ENSG00000170782	0	0	0	0
ENSG00000170786	0	0	0	0
ENSG00000170788	1	2	2	0
ENSG00000170790	0	0	0	0
ENSG00000170791	323	326	345	294
ENSG00000170801	1385	1221	1245	1056
ENSG00000170802	205	237	182	227
ENSG00000170803	0	0	0	0
ENSG00000170807	0	0	0	0
ENSG00000170819	0	0	0	0
ENSG00000170820	0	0	0	0
ENSG00000170827	4	5	6	6
ENSG00000170832	1479	1542	1702	1296
ENSG00000170835	30	33	19	18
ENSG00000170836	508	524	693	458
ENSG00000170837	1	1	0	0
ENSG00000170848	6	48	4	6
ENSG00000170852	578	605	729	565
ENSG00000170854	666	649	636	517
ENSG00000170855	414	424	385	309
ENSG00000170858	0	0	0	0
ENSG00000170860	494	539	482	385
ENSG00000170871	1249	1526	1692	1206

ENSG00000170873	625	705	486	1128
ENSG00000170876	3439	4348	3231	3169
ENSG00000170881	862	893	765	769
ENSG00000170889	981	538	404	335
ENSG00000170890	3	1	0	2
ENSG00000170891	2	37	111	6
ENSG00000170892	124	142	72	128
ENSG00000170893	1	0	1	0
ENSG00000170899	525	565	639	550
ENSG00000170903	515	548	525	453
ENSG00000170906	74	56	66	30
ENSG00000170909	15	12	26	8
ENSG00000170915	233	206	235	187
ENSG00000170917	127	127	238	96
ENSG00000170920	0	0	0	0
ENSG00000170921	1587	1636	1601	1800
ENSG00000170923	0	0	0	0
ENSG00000170925	0	0	0	0
ENSG00000170927	1	1	1	2
ENSG00000170929	0	0	0	0
ENSG00000170935	0	0	0	0
ENSG00000170946	206	257	261	157
ENSG00000170948	0	0	0	0
ENSG00000170949	684	946	858	753
ENSG00000170950	0	0	0	0
ENSG00000170953	0	0	0	0
ENSG00000170954	193	213	207	147
ENSG00000170955	1117	1261	624	874
ENSG00000170956	0	0	0	0
ENSG00000170959	9	12	7	8
ENSG00000170961	340	601	353	508
ENSG00000170962	2040	2674	908	3267
ENSG00000170965	1	35	4	2
ENSG00000170967	0	1	0	0
ENSG00000170989	308	408	576	286
ENSG00000171004	0	0	0	0
ENSG00000171014	0	0	0	0
ENSG00000171016	550	518	512	525
ENSG00000171017	66	115	77	68
ENSG00000171033	410	256	722	204
ENSG00000171044	25	10	8	18
ENSG00000171045	247	165	191	144
ENSG00000171049	0	3	2	2

ENSG00000171051	0	0	0	3
ENSG00000171053	0	0	0	0
ENSG00000171054	0	0	0	0
ENSG00000171055	1079	1393	1746	1223
ENSG00000171056	7	5	8	8
ENSG00000171060	1	0	0	0
ENSG00000171067	880	1125	1030	915
ENSG00000171084	24	41	61	25
ENSG00000171094	1	9	2	2
ENSG00000171097	92	94	101	61
ENSG00000171100	181	238	276	233
ENSG00000171101	0	0	1	0
ENSG00000171102	0	0	0	0
ENSG00000171103	158	187	167	127
ENSG00000171105	704	666	450	565
ENSG00000171109	737	1047	1171	793
ENSG00000171115	0	0	1	0
ENSG00000171116	13	27	18	18
ENSG00000171119	4	9	2	12
ENSG00000171121	37	35	87	45
ENSG00000171124	2	0	3	2
ENSG00000171126	1	0	0	0
ENSG00000171130	416	435	306	251
ENSG00000171132	663	487	696	538
ENSG00000171133	0	0	0	0
ENSG00000171135	423	495	478	355
ENSG00000171136	0	0	0	0
ENSG00000171148	1795	2019	1810	1548
ENSG00000171150	1691	1543	1564	1794
ENSG00000171155	421	594	545	361
ENSG00000171159	587	507	511	470
ENSG00000171160	166	251	162	175
ENSG00000171161	280	294	369	282
ENSG00000171163	354	356	348	237
ENSG00000171169	150	192	209	173
ENSG00000171174	47	52	38	39
ENSG00000171180	0	0	1	0
ENSG00000171189	3	76	29	13
ENSG00000171195	0	0	0	0
ENSG00000171199	0	0	0	0
ENSG00000171201	0	0	0	0
ENSG00000171202	231	211	199	133
ENSG00000171204	618	638	553	494

ENSG00000171206	2658	3515	2898	2259
ENSG00000171208	161	61	6	82
ENSG00000171209	0	0	0	0
ENSG00000171217	4	9	7	2
ENSG00000171219	18	18	2	0
ENSG00000171222	483	401	417	378
ENSG00000171223	960	952	1055	734
ENSG00000171224	26	16	8	5
ENSG00000171227	40	22	8	16
ENSG00000171234	3	1	0	3
ENSG00000171236	7	6	4	4
ENSG00000171241	51	99	40	86
ENSG00000171243	3	7	2	4
ENSG00000171246	10	42	31	20
ENSG00000171262	629	565	688	308
ENSG00000171291	65	110	128	86
ENSG00000171295	139	241	207	163
ENSG00000171298	2780	3308	4547	2384
ENSG00000171302	1507	1644	1566	1391
ENSG00000171303	2	7	10	3
ENSG00000171307	709	954	988	582
ENSG00000171310	109	140	117	101
ENSG00000171311	303	377	432	312
ENSG00000171314	7100	7782	6927	4941
ENSG00000171316	14	5	10	6
ENSG00000171320	20	14	17	8
ENSG00000171345	17	24	7	39
ENSG00000171346	4	8	7	2
ENSG00000171357	58	68	71	49
ENSG00000171360	0	0	0	0
ENSG00000171365	244	327	387	303
ENSG00000171368	2	3	2	3
ENSG00000171385	87	105	73	25
ENSG00000171388	291	252	105	233
ENSG00000171396	0	0	0	0
ENSG00000171401	0	0	0	0
ENSG00000171402	0	0	0	0
ENSG00000171403	0	0	0	0
ENSG00000171405	1	2	0	1
ENSG00000171408	1163	947	1407	1046
ENSG00000171421	227	280	354	179
ENSG00000171425	364	417	392	285
ENSG00000171428	87	103	81	78

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ENSG00000171433	0	0	0	0
ENSG00000171435	1	0	2	3
ENSG00000171443	148	137	159	119
ENSG00000171444	1548	959	1656	894
ENSG00000171446	0	0	0	0
ENSG00000171448	204	271	307	168
ENSG00000171450	1	1	2	0
ENSG00000171451	2290	2382	3812	1768
ENSG00000171453	246	236	255	179
ENSG00000171456	2203	2236	2084	1830
ENSG00000171459	0	0	0	0
ENSG00000171462	12	19	18	18
ENSG00000171466	597	510	581	301
ENSG00000171467	1060	896	1018	735
ENSG00000171469	835	950	755	714
ENSG00000171475	1052	1103	1323	870
ENSG00000171476	10	28	13	17
ENSG00000171478	0	0	0	0
ENSG00000171481	0	0	0	0
ENSG00000171483	0	0	0	1
ENSG00000171484	0	0	0	0
ENSG00000171487	0	0	0	0
ENSG00000171488	327	307	349	236
ENSG00000171489	0	2	0	0
ENSG00000171490	1939	2826	2936	1736
ENSG00000171492	665	904	698	552
ENSG00000171495	0	0	0	0
ENSG00000171496	4	4	3	2
ENSG00000171497	502	832	987	586
ENSG00000171501	0	0	0	0
ENSG00000171502	102	90	204	65
ENSG00000171503	774	1124	1644	1072
ENSG00000171505	1	0	0	0
ENSG00000171509	84	80	21	54
ENSG00000171517	6	5	29	11
ENSG00000171522	335	286	511	409
ENSG00000171530	831	1115	1219	863
ENSG00000171532	1	1	1	0
ENSG00000171533	29	57	44	45
ENSG00000171540	0	0	0	0
ENSG00000171551	0	0	0	0
ENSG00000171552	1994	2048	2027	1828

ENSG00000171557	0	0	0	0
ENSG00000171560	0	0	0	0
ENSG00000171561	0	0	0	0
ENSG00000171564	0	0	0	0
ENSG00000171566	1401	1286	1328	1017
ENSG00000171570	18	8	160	23
ENSG00000171574	136	287	202	166
ENSG00000171587	0	0	0	0
ENSG00000171595	0	0	0	0
ENSG00000171596	5	13	7	6
ENSG00000171603	5878	7708	7004	5498
ENSG00000171604	840	886	955	862
ENSG00000171606	321	471	485	263
ENSG00000171608	256	458	359	253
ENSG00000171611	0	0	0	0
ENSG00000171612	77	62	62	56
ENSG00000171617	1110	1539	1017	849
ENSG00000171621	980	732	910	703
ENSG00000171631	2	12	4	3
ENSG00000171634	1820	2362	2467	1888
ENSG00000171643	0	0	0	0
ENSG00000171649	121	164	165	154
ENSG00000171657	1	5	3	21
ENSG00000171658	60	52	185	35
ENSG00000171659	0	0	0	1
ENSG00000171680	135	165	279	208
ENSG00000171681	1202	1702	1390	932
ENSG00000171695	1	1	0	3
ENSG00000171700	129	97	134	108
ENSG00000171703	624	632	665	581
ENSG00000171711	0	0	0	0
ENSG00000171714	4	1	0	2
ENSG00000171720	972	1126	1099	784
ENSG00000171722	0	0	0	0
ENSG00000171723	373	185	229	158
ENSG00000171724	24	39	4	25
ENSG00000171729	249	162	212	211
ENSG00000171735	290	304	323	279
ENSG00000171747	3	1	3	4
ENSG00000171757	57	76	54	44
ENSG00000171759	0	0	0	0
ENSG00000171763	115	109	156	85
ENSG00000171766	1	1	3	0

ENSG00000171772	1	2	2	3
ENSG00000171773	3	4	1	2
ENSG00000171777	2	7	4	0
ENSG00000171786	0	2	1	2
ENSG00000171790	11	14	13	8
ENSG00000171791	235	193	204	229
ENSG00000171792	408	581	565	338
ENSG00000171793	319	422	403	315
ENSG00000171794	0	0	0	0
ENSG00000171798	51	99	49	76
ENSG00000171804	1	0	3	2
ENSG00000171806	93	97	90	70
ENSG00000171811	10	15	22	13
ENSG00000171812	337	1120	290	573
ENSG00000171813	137	104	147	171
ENSG00000171815	17	15	20	13
ENSG00000171817	37	93	46	91
ENSG00000171819	4	18	1	13
ENSG00000171823	132	161	109	116
ENSG00000171824	1147	1599	1362	1131
ENSG00000171827	203	247	281	182
ENSG00000171840	27	40	42	35
ENSG00000171843	657	494	575	392
ENSG00000171847	8	26	25	14
ENSG00000171848	111	36	81	62
ENSG00000171853	665	747	783	626
ENSG00000171855	0	0	0	0
ENSG00000171858	3231	2683	2262	2073
ENSG00000171860	0	1	0	3
ENSG00000171861	124	175	146	142
ENSG00000171862	452	483	526	439
ENSG00000171863	8068	8653	9309	6047
ENSG00000171864	7	6	7	3
ENSG00000171865	415	526	528	392
ENSG00000171867	9074	10701	12759	8259
ENSG00000171872	2	2	6	2
ENSG00000171873	20	21	42	10
ENSG00000171877	112	105	162	125
ENSG00000171885	0	0	0	0
ENSG00000171903	4	2	1	5
ENSG00000171914	1573	1895	1103	1492
ENSG00000171916	1	0	0	0
ENSG00000171928	471	836	696	364

ENSG00000171931	6	3	5	2
ENSG00000171936	0	0	0	0
ENSG00000171940	679	737	723	650
ENSG00000171942	0	0	0	0
ENSG00000171943	465	2016	1191	746
ENSG00000171944	0	0	0	0
ENSG00000171951	26	101	78	47
ENSG00000171953	176	199	220	128
ENSG00000171954	1	1	0	0
ENSG00000171956	0	0	0	0
ENSG00000171960	198	205	222	180
ENSG00000171962	80	94	68	115
ENSG00000171970	51	87	64	42
ENSG00000171984	17	31	25	19
ENSG00000171987	0	0	0	0
ENSG00000171988	1627	1675	2252	1276
ENSG00000171989	0	3	2	0
ENSG00000171992	5961	6402	4156	5981
ENSG00000171999	0	0	0	0
ENSG00000172000	12	15	30	11
ENSG00000172005	0	4	0	2
ENSG00000172006	96	121	137	95
ENSG00000172007	272	259	261	187
ENSG00000172009	470	486	487	315
ENSG00000172014	2	8	2	2
ENSG00000172016	0	0	0	0
ENSG00000172020	9	14	7	9
ENSG00000172023	0	0	0	0
ENSG00000172031	11	9	25	9
ENSG00000172037	10865	17231	16444	11056
ENSG00000172046	1409	1659	1565	1184
ENSG00000172053	3501	3969	4401	3076
ENSG00000172057	1579	2086	1648	1504
ENSG00000172058	15	11	26	2
ENSG00000172059	423	464	469	556
ENSG00000172061	500	55	334	637
ENSG00000172062	32	34	90	41
ENSG00000172071	555	619	650	404
ENSG00000172073	0	1	0	0
ENSG00000172081	858	967	895	625
ENSG00000172086	880	950	1022	715
ENSG00000172113	296	290	299	249
ENSG00000172115	753	715	792	486

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ENSG00000172123	320	484	307	212
ENSG00000172137	16	18	31	11
ENSG00000172139	0	2	7	1
ENSG00000172146	0	0	0	0
ENSG00000172148	0	0	0	0
ENSG00000172150	0	0	0	0
ENSG00000172154	0	0	0	0
ENSG00000172155	0	0	0	0
ENSG00000172156	352	478	1571	271
ENSG00000172159	56	57	10	65
ENSG00000172164	492	790	669	545
ENSG00000172167	63	55	69	45
ENSG00000172171	146	126	134	121
ENSG00000172172	317	360	343	274
ENSG00000172175	650	948	1294	750
ENSG00000172179	0	0	1	1
ENSG00000172183	41	63	65	40
ENSG00000172186	0	0	0	0
ENSG00000172188	0	0	0	0
ENSG00000172197	32	67	47	37
ENSG00000172199	0	0	0	0
ENSG00000172201	45	90	62	39
ENSG00000172208	0	0	0	0
ENSG00000172209	0	1	0	0
ENSG00000172215	11	4	3	9
ENSG00000172216	976	715	1179	952
ENSG00000172232	3	2	1	2
ENSG00000172236	0	0	0	0
ENSG00000172238	0	0	0	0
ENSG00000172239	1540	1431	2154	1408
ENSG00000172243	12	16	20	8
ENSG00000172244	35	58	32	48
ENSG00000172247	1	3	3	4
ENSG00000172260	423	1297	720	1015
ENSG00000172262	440	525	590	447
ENSG00000172264	64	55	74	67
ENSG00000172269	492	540	646	459
ENSG00000172270	7611	8482	9060	6043
ENSG00000172273	298	320	406	265
ENSG00000172283	0	0	0	0
ENSG00000172288	0	0	0	0
ENSG00000172289	0	0	0	0

ENSG00000172292	503	785	708	533
ENSG00000172294	0	0	0	0
ENSG00000172296	217	326	288	239
ENSG00000172297	2	7	0	9
ENSG00000172301	861	1108	1347	832
ENSG00000172315	379	419	515	339
ENSG00000172318	31	36	15	44
ENSG00000172320	0	0	0	0
ENSG00000172322	0	1	0	0
ENSG00000172324	0	0	0	0
ENSG00000172331	553	879	1187	494
ENSG00000172336	213	235	223	182
ENSG00000172339	178	218	184	96
ENSG00000172340	1462	1639	1434	1358
ENSG00000172342	0	0	0	0
ENSG00000172345	832	914	828	579
ENSG00000172346	912	973	543	1093
ENSG00000172348	740	1140	60	1503
ENSG00000172349	601	668	716	543
ENSG00000172350	7	18	24	6
ENSG00000172352	0	0	0	0
ENSG00000172354	2510	2284	2621	2050
ENSG00000172361	20	30	17	19
ENSG00000172362	0	0	0	1
ENSG00000172365	0	2	1	1
ENSG00000172366	111	151	120	98
ENSG00000172367	0	0	0	0
ENSG00000172375	140	180	224	130
ENSG00000172377	0	0	0	0
ENSG00000172379	1066	1912	1623	1166
ENSG00000172380	7565	9780	10915	7541
ENSG00000172381	0	0	0	0
ENSG00000172382	35	40	52	30
ENSG00000172399	1	20	1	5
ENSG00000172403	3616	6489	6405	2480
ENSG00000172404	1	2	7	2
ENSG00000172409	218	226	223	160
ENSG00000172410	0	0	2	0
ENSG00000172421	0	1	2	2
ENSG00000172425	4	4	1	5
ENSG00000172426	24	20	29	22
ENSG00000172428	399	356	379	310
ENSG00000172432	940	1072	1055	857

ENSG00000172456	146	314	325	257
ENSG00000172457	0	0	0	0
ENSG00000172458	172	144	150	173
ENSG00000172459	0	0	0	0
ENSG00000172460	3	7	5	1
ENSG00000172461	2	1	3	1
ENSG00000172464	0	0	0	0
ENSG00000172465	319	341	322	294
ENSG00000172466	1023	1085	1298	1038
ENSG00000172468	0	1	0	1
ENSG00000172469	499	511	580	428
ENSG00000172476	28	52	58	47
ENSG00000172478	0	3	1	0
ENSG00000172482	3	1	2	2
ENSG00000172487	0	0	0	0
ENSG00000172489	0	0	0	0
ENSG00000172493	1123	1702	1885	936
ENSG00000172497	29	37	57	31
ENSG00000172500	928	1131	1043	630
ENSG00000172508	23	15	29	34
ENSG00000172519	0	0	0	0
ENSG00000172524	0	0	0	0
ENSG00000172530	219	292	316	173
ENSG00000172531	1071	1257	1245	923
ENSG00000172534	1742	1718	1780	1623
ENSG00000172538	0	0	0	0
ENSG00000172543	6	3	9	5
ENSG00000172548	2	5	3	2
ENSG00000172551	0	0	4	0
ENSG00000172554	2	0	0	2
ENSG00000172568	0	0	0	0
ENSG00000172572	57	221	280	253
ENSG00000172575	3	10	4	1
ENSG00000172578	21	17	34	14
ENSG00000172586	257	231	226	200
ENSG00000172590	366	459	438	295
ENSG00000172594	2102	1732	2530	2030
ENSG00000172602	5	11	11	2
ENSG00000172613	147	152	187	112
ENSG00000172638	4558	7904	7725	5939
ENSG00000172640	0	2	0	1
ENSG00000172650	92	134	115	100
ENSG00000172661	2308	3453	3746	2610

ENSG00000172663	266	296	320	249
ENSG00000172667	5225	5477	6050	4526
ENSG00000172671	112	120	111	83
ENSG00000172673	0	1	1	0
ENSG00000172680	0	0	0	0
ENSG00000172687	78	69	75	56
ENSG00000172689	2	2	1	0
ENSG00000172716	1526	1296	1090	904
ENSG00000172717	0	0	1	4
ENSG00000172724	0	1	2	0
ENSG00000172725	1951	2035	2024	1595
ENSG00000172728	209	373	312	305
ENSG00000172731	255	292	268	196
ENSG00000172732	505	486	451	387
ENSG00000172733	71	41	29	35
ENSG00000172738	80	67	144	48
ENSG00000172742	0	0	0	0
ENSG00000172746	1	0	0	0
ENSG00000172748	143	178	142	113
ENSG00000172752	16	3	0	7
ENSG00000172757	8503	11729	9761	7136
ENSG00000172765	457	624	652	469
ENSG00000172766	258	310	373	297
ENSG00000172769	0	0	0	0
ENSG00000172771	18	23	25	30
ENSG00000172772	0	0	0	0
ENSG00000172774	0	0	0	0
ENSG00000172775	942	1352	1161	797
ENSG00000172780	167	186	162	114
ENSG00000172782	9	10	11	5
ENSG00000172785	336	279	358	333
ENSG00000172789	4	0	2	8
ENSG00000172794	5	8	10	9
ENSG00000172795	369	400	460	473
ENSG00000172799	0	3	0	0
ENSG00000172803	52	56	77	72
ENSG00000172809	3932	4555	4844	3129
ENSG00000172817	31	8	8	7
ENSG00000172818	0	1	1	0
ENSG00000172819	1412	2034	1572	1242
ENSG00000172824	64	121	49	100
ENSG00000172828	18	36	36	22
ENSG00000172830	808	864	854	872

ENSG00000172831	1523	2014	1852	1390
ENSG00000172840	285	450	350	287
ENSG00000172845	2238	2049	2081	1880
ENSG00000172850	44	40	43	29
ENSG00000172867	0	0	0	0
ENSG00000172869	1262	1393	1325	1260
ENSG00000172878	150	220	214	114
ENSG00000172888	1048	1122	1043	975
ENSG00000172889	39	87	139	105
ENSG00000172890	1550	1691	1676	1087
ENSG00000172893	296	421	310	173
ENSG00000172900	1	8	13	4
ENSG00000172901	6	37	70	9
ENSG00000172912	0	0	0	0
ENSG00000172915	426	328	366	303
ENSG00000172922	562	557	410	456
ENSG00000172927	6	4	15	3
ENSG00000172932	388	377	353	308
ENSG00000172935	2921	2737	3076	2182
ENSG00000172936	1009	827	989	697
ENSG00000172938	0	0	2	0
ENSG00000172939	1062	1164	1226	973
ENSG00000172940	1	0	0	0
ENSG00000172943	531	581	635	714
ENSG00000172954	544	1095	534	648
ENSG00000172955	26	28	53	26
ENSG00000172967	0	0	2	1
ENSG00000172969	0	1	1	1
ENSG00000172971	1	2	6	2
ENSG00000172974	0	3	3	3
ENSG00000172977	566	586	524	472
ENSG00000172985	487	683	821	454
ENSG00000172986	1255	1431	1313	991
ENSG00000172987	1	3	0	0
ENSG00000172992	575	605	795	502
ENSG00000172995	0	0	0	0
ENSG00000173011	472	593	483	496
ENSG00000173013	37	38	28	39
ENSG00000173020	794	700	773	539
ENSG00000173039	1364	1462	1629	1102
ENSG00000173040	431	460	488	385
ENSG00000173041	97	86	94	79
ENSG00000173064	1465	1725	1613	1407

ENSG00000173065	323	343	407	238
ENSG00000173068	3925	4815	3463	3807
ENSG00000173077	20	11	10	12
ENSG00000173080	0	0	0	1
ENSG00000173083	24	50	14	51
ENSG00000173085	131	145	144	100
ENSG00000173088	22	29	12	40
ENSG00000173093	0	0	0	0
ENSG00000173110	21	24	21	31
ENSG00000173113	1145	1222	1079	761
ENSG00000173114	113	80	128	54
ENSG00000173120	2892	2804	2953	2387
ENSG00000173124	1	1	3	1
ENSG00000173137	101	141	129	106
ENSG00000173141	333	387	427	263
ENSG00000173145	318	343	441	373
ENSG00000173153	353	330	338	267
ENSG00000173156	277	333	203	265
ENSG00000173157	0	0	0	0
ENSG00000173163	733	521	324	272
ENSG00000173166	1426	2920	1370	1355
ENSG00000173171	1268	1528	1462	1100
ENSG00000173175	26	78	49	37
ENSG00000173193	1514	1726	1842	1564
ENSG00000173198	62	94	81	81
ENSG00000173200	64	92	90	66
ENSG00000173207	280	267	206	200
ENSG00000173208	2	2	0	0
ENSG00000173209	1482	2025	1867	1302
ENSG00000173210	2392	2976	3759	1490
ENSG00000173212	5	21	11	6
ENSG00000173213	0	0	0	0
ENSG00000173214	89	103	111	89
ENSG00000173218	790	835	776	630
ENSG00000173221	977	1689	1550	1043
ENSG00000173226	262	339	252	144
ENSG00000173227	7	13	24	14
ENSG00000173230	4585	6310	5636	4431
ENSG00000173231	0	0	0	0
ENSG00000173237	0	0	0	0
ENSG00000173239	0	0	0	0
ENSG00000173250	0	0	0	0
ENSG00000173253	0	0	0	2

ENSG00000173258	31	50	33	38
ENSG00000173261	2	3	2	1
ENSG00000173262	4	2	14	1
ENSG00000173264	594	647	609	528
ENSG00000173267	4	27	29	31
ENSG00000173269	54	78	49	62
ENSG00000173272	434	417	357	402
ENSG00000173273	1972	2350	2459	1829
ENSG00000173275	314	397	432	390
ENSG00000173276	217	210	418	240
ENSG00000173281	834	685	767	753
ENSG00000173285	0	0	0	0
ENSG00000173295	85	102	80	80
ENSG00000173302	0	0	0	0
ENSG00000173320	90	181	41	134
ENSG00000173327	636	531	574	418
ENSG00000173334	164	124	317	151
ENSG00000173335	0	0	0	0
ENSG00000173338	1	4	4	4
ENSG00000173349	0	0	0	0
ENSG00000173357	0	0	0	0
ENSG00000173366	0	5	5	0
ENSG00000173369	0	0	0	0
ENSG00000173372	0	0	0	0
ENSG00000173376	164	33	104	109
ENSG00000173389	1	0	0	1
ENSG00000173391	26	136	46	44
ENSG00000173401	6	10	9	8
ENSG00000173402	2383	3717	2395	2455
ENSG00000173404	0	0	0	0
ENSG00000173406	6	43	9	140
ENSG00000173409	240	264	299	175
ENSG00000173418	569	595	597	490
ENSG00000173421	19	40	105	50
ENSG00000173431	0	0	0	0
ENSG00000173432	0	0	0	1
ENSG00000173436	847	604	471	546
ENSG00000173442	1285	1566	1324	1289
ENSG00000173451	113	164	200	139
ENSG00000173452	1	1	1	0
ENSG00000173456	997	1169	933	779
ENSG00000173457	811	728	673	592
ENSG00000173464	0	0	1	0

ENSG00000173465	378	439	416	323
ENSG00000173467	0	0	0	0
ENSG00000173473	1677	1552	2160	1625
ENSG00000173480	168	229	271	226
ENSG00000173482	2592	3567	3372	2593
ENSG00000173486	610	682	631	425
ENSG00000173503	0	0	0	0
ENSG00000173511	1762	2134	1782	1595
ENSG00000173517	5648	6640	5481	5325
ENSG00000173530	1579	1584	2312	1349
ENSG00000173531	294	365	397	317
ENSG00000173535	105	127	262	103
ENSG00000173540	467	459	420	360
ENSG00000173542	786	935	1037	815
ENSG00000173545	436	550	564	438
ENSG00000173546	1317	1577	1088	1259
ENSG00000173548	2813	3018	2890	2446
ENSG00000173557	0	0	0	0
ENSG00000173559	2173	4059	4303	1769
ENSG00000173567	27	31	9	22
ENSG00000173572	0	0	0	0
ENSG00000173575	2729	3041	3191	2892
ENSG00000173578	2	4	4	2
ENSG00000173581	238	330	257	251
ENSG00000173585	0	0	0	0
ENSG00000173588	179	288	241	222
ENSG00000173597	151	186	171	106
ENSG00000173598	2178	2128	2651	2256
ENSG00000173599	666	532	630	406
ENSG00000173610	3	0	3	2
ENSG00000173611	718	779	1127	690
ENSG00000173612	0	0	0	0
ENSG00000173614	347	429	443	351
ENSG00000173621	292	230	309	181
ENSG00000173626	27	19	27	29
ENSG00000173627	0	0	0	0
ENSG00000173638	119	85	120	85
ENSG00000173641	276	1078	269	495
ENSG00000173653	136	140	182	96
ENSG00000173660	1495	1538	1648	1017
ENSG00000173662	4	7	7	1
ENSG00000173673	0	0	0	0
ENSG00000173674	1476	1498	1588	1917

ENSG00000173678	5	4	2	9
ENSG00000173679	0	0	0	0
ENSG00000173681	357	423	386	311
ENSG00000173692	2342	3018	2869	2130
ENSG00000173698	10	20	21	24
ENSG00000173699	0	0	0	1
ENSG00000173702	5	0	1	0
ENSG00000173705	56	70	121	39
ENSG00000173706	8510	15776	8628	7971
ENSG00000173714	10	7	1	5
ENSG00000173715	60	93	124	34
ENSG00000173726	2752	3698	2806	3048
ENSG00000173728	0	0	2	0
ENSG00000173744	1266	1993	2341	1309
ENSG00000173757	1341	1534	1506	1192
ENSG00000173762	13	5	10	5
ENSG00000173769	0	0	0	0
ENSG00000173786	2769	2304	2835	2107
ENSG00000173801	215	225	289	248
ENSG00000173805	6	12	7	9
ENSG00000173809	6	12	11	3
ENSG00000173810	0	0	0	0
ENSG00000173812	5980	7136	6981	6148
ENSG00000173818	461	432	472	397
ENSG00000173821	5839	7284	6729	5505
ENSG00000173825	1	4	2	1
ENSG00000173826	5	5	5	3
ENSG00000173838	16	13	12	9
ENSG00000173846	225	227	258	226
ENSG00000173848	542	442	605	423
ENSG00000173852	1567	1957	1660	1442
ENSG00000173868	0	0	1	0
ENSG00000173875	478	603	602	413
ENSG00000173876	0	0	0	0
ENSG00000173889	1743	2178	1939	1306
ENSG00000173890	28	30	37	12
ENSG00000173894	42	70	26	20
ENSG00000173898	11	28	37	20
ENSG00000173905	2557	3168	3845	2906
ENSG00000173908	0	0	0	0
ENSG00000173914	428	429	441	365
ENSG00000173915	647	635	659	497
ENSG00000173917	217	228	225	232

ENSG00000173918	467	587	957	562
ENSG00000173926	52	58	106	38
ENSG00000173928	25	28	32	27
ENSG00000173930	11	10	11	7
ENSG00000173933	1440	1591	1632	1229
ENSG00000173947	140	124	97	113
ENSG00000173950	472	509	477	426
ENSG00000173954	0	0	0	0
ENSG00000173960	526	630	750	636
ENSG00000173966	0	0	0	0
ENSG00000173976	0	2	1	0
ENSG00000173988	3	1	1	4
ENSG00000173991	11	4	11	7
ENSG00000173992	626	661	685	539
ENSG00000174004	10	16	4	7
ENSG00000174007	97	104	106	94
ENSG00000174010	257	264	301	227
ENSG00000174013	156	202	204	155
ENSG00000174015	0	0	0	0
ENSG00000174016	0	0	0	0
ENSG00000174021	845	1224	1300	1007
ENSG00000174028	109	307	262	155
ENSG00000174032	371	390	451	185
ENSG00000174038	1	1	13	4
ENSG00000174059	52	193	86	102
ENSG00000174080	1757	2616	2728	1614
ENSG00000174099	2070	3128	2551	2256
ENSG00000174106	662	596	670	448
ENSG00000174109	60	95	78	47
ENSG00000174123	1	4	6	4
ENSG00000174125	84	119	66	54
ENSG00000174130	63	59	55	19
ENSG00000174132	117	186	161	105
ENSG00000174136	3812	4081	3991	2784
ENSG00000174137	30	39	23	32
ENSG00000174145	0	0	0	0
ENSG00000174151	400	462	453	488
ENSG00000174156	0	0	0	0
ENSG00000174165	384	451	456	434
ENSG00000174173	200	230	277	222
ENSG00000174175	0	0	0	0
ENSG00000174177	229	203	181	158
ENSG00000174197	927	789	1012	841

ENSG00000174206	76	113	83	119
ENSG00000174225	2	2	1	0
ENSG00000174226	2	0	1	0
ENSG00000174227	1146	1118	1084	962
ENSG00000174231	4039	4382	4529	3175
ENSG00000174233	1881	2407	2557	1814
ENSG00000174236	16	8	10	3
ENSG00000174238	1237	1838	2230	1430
ENSG00000174243	1598	1702	1838	1300
ENSG00000174255	4	4	2	4
ENSG00000174276	83	84	91	95
ENSG00000174279	0	0	0	0
ENSG00000174282	4115	4937	4715	3839
ENSG00000174292	70	203	56	61
ENSG00000174306	2052	2684	2618	2053
ENSG00000174307	2461	2473	2162	2340
ENSG00000174325	16	26	33	26
ENSG00000174326	2	14	15	8
ENSG00000174327	36	42	41	44
ENSG00000174332	90	67	229	86
ENSG00000174339	0	0	0	0
ENSG00000174343	0	1	0	0
ENSG00000174348	12222	16307	12217	10543
ENSG00000174353	266	361	306	250
ENSG00000174358	0	0	0	0
ENSG00000174370	63	93	76	76
ENSG00000174371	25	19	8	10
ENSG00000174373	647	675	807	548
ENSG00000174384	47	36	55	37
ENSG00000174405	343	333	452	267
ENSG00000174408	0	0	0	0
ENSG00000174417	0	1	0	0
ENSG00000174418	0	0	0	0
ENSG00000174428	729	1136	920	682
ENSG00000174429	0	3	2	0
ENSG00000174437	6719	7512	6550	4917
ENSG00000174442	261	413	326	355
ENSG00000174444	35603	37842	34289	25733
ENSG00000174446	227	310	314	187
ENSG00000174448	4	7	4	6
ENSG00000174450	0	0	0	0
ENSG00000174453	1	0	1	0
ENSG00000174456	228	295	334	233

ENSG00000174460	0	0	0	0
ENSG00000174469	2	0	0	1
ENSG00000174473	8	3	1	1
ENSG00000174482	0	0	0	0
ENSG00000174483	1266	1430	1406	975
ENSG00000174485	1094	1195	1449	972
ENSG00000174495	0	0	0	0
ENSG00000174498	2	3	4	2
ENSG00000174500	2	5	7	0
ENSG00000174501	153	223	180	152
ENSG00000174502	0	0	1	0
ENSG00000174514	46	41	12	19
ENSG00000174516	261	273	307	267
ENSG00000174521	2	0	0	0
ENSG00000174527	4	10	10	8
ENSG00000174529	17	23	29	22
ENSG00000174547	527	553	465	463
ENSG00000174562	0	0	0	0
ENSG00000174564	82	71	60	61
ENSG00000174567	1	1	0	1
ENSG00000174572	0	0	0	0
ENSG00000174574	711	1033	1281	620
ENSG00000174576	0	2	1	1
ENSG00000174579	325	370	368	297
ENSG00000174586	166	221	96	165
ENSG00000174599	88	113	94	55
ENSG00000174600	1	1	10	2
ENSG00000174606	516	635	605	427
ENSG00000174607	14	17	23	18
ENSG00000174611	2	6	0	5
ENSG00000174628	164	250	223	169
ENSG00000174640	0	1	1	0
ENSG00000174652	479	912	650	798
ENSG00000174667	0	0	0	0
ENSG00000174669	24	35	20	29
ENSG00000174672	9	13	18	6
ENSG00000174677	0	0	0	0
ENSG00000174678	0	0	0	0
ENSG00000174684	826	892	789	804
ENSG00000174695	2367	2471	2061	1739
ENSG00000174697	27	43	37	11
ENSG00000174705	3836	2703	3659	2772
ENSG00000174715	0	0	0	0

ENSG00000174718	423	452	463	452
ENSG00000174720	1018	1042	1254	1045
ENSG00000174721	18	23	13	23
ENSG00000174738	1624	1442	1600	1196
ENSG00000174740	118	106	116	94
ENSG00000174744	473	523	576	378
ENSG00000174748	21615	23839	22387	16609
ENSG00000174749	374	488	539	410
ENSG00000174775	205	169	159	144
ENSG00000174776	0	0	0	0
ENSG00000174780	2556	2541	2724	2146
ENSG00000174788	0	0	0	3
ENSG00000174791	352	335	259	265
ENSG00000174792	0	13	1	1
ENSG00000174796	288	407	339	287
ENSG00000174799	206	190	294	189
ENSG00000174804	1132	1447	1149	1544
ENSG00000174807	18561	20239	15860	14193
ENSG00000174808	20	40	13	54
ENSG00000174827	24	31	35	35
ENSG00000174837	2	7	11	1
ENSG00000174839	254	321	230	285
ENSG00000174840	543	460	529	378
ENSG00000174842	144	134	159	112
ENSG00000174844	2	14	13	13
ENSG00000174851	827	800	902	648
ENSG00000174871	2	1	6	7
ENSG00000174876	1	1	0	1
ENSG00000174885	0	1	1	0
ENSG00000174886	1612	1913	1674	1336
ENSG00000174891	401	431	713	355
ENSG00000174898	1	1	0	0
ENSG00000174899	271	234	171	198
ENSG00000174903	2920	3336	3257	2391
ENSG00000174912	0	9	8	8
ENSG00000174914	0	0	0	0
ENSG00000174915	454	373	436	332
ENSG00000174917	525	498	508	319
ENSG00000174928	36	75	68	41
ENSG00000174930	0	0	0	0
ENSG00000174937	0	0	0	0
ENSG00000174938	431	548	932	543
ENSG00000174939	50	75	96	53

ENSG00000174942	0	0	0	0
ENSG00000174943	151	162	215	125
ENSG00000174944	16	11	7	12
ENSG00000174945	9	12	38	14
ENSG00000174946	0	0	0	0
ENSG00000174948	0	0	0	0
ENSG00000174950	0	0	0	0
ENSG00000174951	13	3	22	10
ENSG00000174953	936	1114	1063	1005
ENSG00000174957	0	0	0	0
ENSG00000174963	0	0	1	0
ENSG00000174970	0	0	0	0
ENSG00000174977	0	0	2	0
ENSG00000174982	0	0	0	0
ENSG00000174989	504	580	737	651
ENSG00000174990	10	23	15	12
ENSG00000174992	1	1	2	3
ENSG00000174996	437	511	690	366
ENSG00000175003	14	2	1	6
ENSG00000175018	0	0	1	0
ENSG00000175029	1801	1724	1821	1470
ENSG00000175040	376	324	315	374
ENSG00000175048	269	268	339	259
ENSG00000175054	572	667	646	508
ENSG00000175063	21	11	9	8
ENSG00000175065	0	0	0	0
ENSG00000175066	725	563	768	1015
ENSG00000175073	677	780	777	573
ENSG00000175077	0	1	0	2
ENSG00000175084	91	128	123	222
ENSG00000175087	81	90	58	72
ENSG00000175093	0	0	0	0
ENSG00000175097	0	0	0	1
ENSG00000175104	268	329	313	213
ENSG00000175105	474	532	502	418
ENSG00000175106	126	99	156	126
ENSG00000175110	437	563	555	383
ENSG00000175115	2238	2547	2868	1990
ENSG00000175121	0	0	0	0
ENSG00000175130	1011	751	1175	739
ENSG00000175137	774	730	748	573
ENSG00000175143	0	0	0	0
ENSG00000175155	585	714	597	501

ENSG00000175161	2	2	6	2
ENSG00000175164	4	11	12	4
ENSG00000175166	4892	4751	5042	3728
ENSG00000175170	5	11	5	4
ENSG00000175175	5	4	4	3
ENSG00000175182	279	271	226	229
ENSG00000175183	273	694	347	429
ENSG00000175189	1	2	0	1
ENSG00000175193	457	461	483	415
ENSG00000175197	863	991	820	993
ENSG00000175198	351	317	369	260
ENSG00000175202	0	0	0	0
ENSG00000175203	2670	3494	3873	2286
ENSG00000175206	3	10	3	8
ENSG00000175213	200	225	214	212
ENSG00000175215	7369	9009	9663	6571
ENSG00000175216	3143	3642	3686	2918
ENSG00000175220	4850	5059	4433	3849
ENSG00000175221	930	776	970	654
ENSG00000175224	1945	2025	2072	1649
ENSG00000175229	0	1	0	0
ENSG00000175262	1	11	1	1
ENSG00000175264	0	0	1	2
ENSG00000175265	1510	934	1196	1888
ENSG00000175267	17	5	13	9
ENSG00000175274	5187	5101	4477	2814
ENSG00000175279	121	230	172	154
ENSG00000175283	406	443	468	416
ENSG00000175287	535	629	515	426
ENSG00000175294	0	0	0	1
ENSG00000175302	0	0	0	0
ENSG00000175305	20	9	25	18
ENSG00000175309	626	835	630	488
ENSG00000175311	4	8	4	6
ENSG00000175315	3	0	3	1
ENSG00000175318	5	21	5	5
ENSG00000175319	0	0	0	0
ENSG00000175322	109	125	134	98
ENSG00000175324	473	472	568	371
ENSG00000175325	0	0	0	0
ENSG00000175329	0	0	0	0
ENSG00000175334	1196	1244	1190	931
ENSG00000175336	1	0	1	5

ENSG00000175344	7	16	0	16
ENSG00000175348	1125	1476	1225	1033
ENSG00000175352	137	214	165	132
ENSG00000175354	283	367	387	257
ENSG00000175356	38	185	70	70
ENSG00000175376	319	357	316	266
ENSG00000175387	1579	2010	1872	1497
ENSG00000175390	2209	2784	2797	1829
ENSG00000175393	0	0	0	0
ENSG00000175395	326	432	608	332
ENSG00000175398	0	0	0	0
ENSG00000175414	751	572	582	659
ENSG00000175416	724	1090	903	764
ENSG00000175426	13	4	30	15
ENSG00000175445	2	0	69	1
ENSG00000175449	16	45	31	23
ENSG00000175455	1687	2486	2411	2165
ENSG00000175463	29	28	17	21
ENSG00000175467	1133	1060	1373	954
ENSG00000175470	507	564	690	447
ENSG00000175471	78	35	70	105
ENSG00000175482	486	614	506	481
ENSG00000175485	0	1	0	0
ENSG00000175489	6	25	32	15
ENSG00000175497	0	1	3	1
ENSG00000175505	121	139	188	116
ENSG00000175509	0	0	1	0
ENSG00000175513	15	12	18	10
ENSG00000175514	0	0	0	0
ENSG00000175518	12	11	14	6
ENSG00000175520	0	0	0	0
ENSG00000175535	0	0	0	0
ENSG00000175536	17	14	8	9
ENSG00000175538	240	279	242	190
ENSG00000175544	6	14	9	0
ENSG00000175548	224	251	263	246
ENSG00000175550	1343	1633	1813	1298
ENSG00000175556	3	2	0	4
ENSG00000175564	13	10	12	7
ENSG00000175567	43	75	45	39
ENSG00000175573	1257	1279	1220	1063
ENSG00000175575	332	417	426	337
ENSG00000175581	212	303	238	178

ENSG00000175582	2512	2854	2980	2384
ENSG00000175591	0	0	3	2
ENSG00000175592	316	356	366	380
ENSG00000175595	352	621	529	325
ENSG00000175600	224	236	246	102
ENSG00000175602	1017	858	587	1073
ENSG00000175606	326	332	335	266
ENSG00000175619	0	0	0	0
ENSG00000175634	548	547	502	467
ENSG00000175643	92	104	85	109
ENSG00000175646	0	0	0	0
ENSG00000175658	0	0	0	0
ENSG00000175662	1486	1964	1642	1178
ENSG00000175664	6	1	3	0
ENSG00000175676	0	0	0	0
ENSG00000175691	50	71	54	22
ENSG00000175697	8	5	11	5
ENSG00000175701	166	185	122	117
ENSG00000175707	0	0	0	0
ENSG00000175711	66	93	28	20
ENSG00000175718	0	0	0	0
ENSG00000175727	917	1520	985	1095
ENSG00000175730	1	0	1	0
ENSG00000175741	0	0	0	0
ENSG00000175745	4922	4386	6697	3728
ENSG00000175749	1	0	1	1
ENSG00000175756	699	729	718	574
ENSG00000175764	146	177	119	140
ENSG00000175766	0	0	0	0
ENSG00000175768	526	659	606	454
ENSG00000175779	0	0	0	0
ENSG00000175782	543	531	578	483
ENSG00000175785	1	0	0	0
ENSG00000175787	44	46	47	47
ENSG00000175792	638	699	698	485
ENSG00000175793	3	6	0	1
ENSG00000175800	0	0	1	0
ENSG00000175806	148	277	310	176
ENSG00000175809	0	0	0	0
ENSG00000175820	2	7	2	2
ENSG00000175826	1796	2121	2195	1507
ENSG00000175832	32	67	50	67
ENSG00000175841	0	0	0	0

ENSG00000175854	348	368	371	274
ENSG00000175857	2	0	0	0
ENSG00000175866	314	319	238	380
ENSG00000175868	2	2	0	1
ENSG00000175874	8	6	6	5
ENSG00000175877	1	0	0	0
ENSG00000175879	13	1	1	9
ENSG00000175886	2	1	3	0
ENSG00000175893	344	451	360	356
ENSG00000175894	0	12	18	4
ENSG00000175895	154	172	194	145
ENSG00000175899	20606	32032	2514	32565
ENSG00000175906	162	322	198	170
ENSG00000175920	1	2	1	0
ENSG00000175928	9	33	38	16
ENSG00000175931	482	421	558	480
ENSG00000175938	1001	1242	946	1066
ENSG00000175946	28	36	33	28
ENSG00000175970	1649	2338	1850	1965
ENSG00000175984	104	110	78	99
ENSG00000175985	16	16	18	8
ENSG00000176007	0	0	0	0
ENSG00000176009	1	1	1	2
ENSG00000176014	3708	3743	3462	2697
ENSG00000176018	556	651	690	491
ENSG00000176020	6	0	3	20
ENSG00000176022	442	451	514	344
ENSG00000176024	56	105	94	98
ENSG00000176029	2	3	5	2
ENSG00000176040	1	1	0	0
ENSG00000176043	0	0	0	0
ENSG00000176046	2379	4541	4120	2746
ENSG00000176049	6	2	2	1
ENSG00000176054	5	8	10	7
ENSG00000176055	124	152	155	117
ENSG00000176058	149	369	120	124
ENSG00000176076	5	2	15	6
ENSG00000176083	0	0	1	1
ENSG00000176087	1202	1098	1064	860
ENSG00000176092	0	1	0	0
ENSG00000176095	1489	1672	1591	1119
ENSG00000176101	481	492	475	371
ENSG00000176102	497	482	551	385

ENSG00000176105	1319	1414	1601	1278
ENSG00000176108	291	434	416	345
ENSG00000176115	0	0	0	0
ENSG00000176124	72	92	89	59
ENSG00000176125	14	11	10	10
ENSG00000176134	0	3	3	1
ENSG00000176136	0	0	2	0
ENSG00000176142	899	1059	949	764
ENSG00000176148	460	515	481	336
ENSG00000176153	1	5	1	4
ENSG00000176155	537	475	598	398
ENSG00000176160	0	1	0	0
ENSG00000176165	6	4	7	1
ENSG00000176170	154	70	198	159
ENSG00000176171	2359	2858	2793	1877
ENSG00000176177	0	0	0	0
ENSG00000176182	114	132	150	102
ENSG00000176183	0	0	0	0
ENSG00000176194	0	0	0	0
ENSG00000176198	0	0	0	0
ENSG00000176200	0	0	0	0
ENSG00000176204	10	16	7	8
ENSG00000176208	40	27	38	48
ENSG00000176209	402	396	374	326
ENSG00000176219	0	0	0	0
ENSG00000176222	145	120	157	81
ENSG00000176225	258	326	217	194
ENSG00000176230	0	0	0	0
ENSG00000176231	0	0	0	0
ENSG00000176232	0	0	0	0
ENSG00000176239	0	0	0	0
ENSG00000176243	0	0	0	0
ENSG00000176244	3	26	15	14
ENSG00000176246	0	0	0	0
ENSG00000176248	666	680	620	575
ENSG00000176253	0	0	0	0
ENSG00000176256	0	0	0	0
ENSG00000176261	253	263	304	173
ENSG00000176268	2	0	3	0
ENSG00000176269	0	0	0	0
ENSG00000176273	178	301	215	187
ENSG00000176281	0	0	0	0
ENSG00000176289	2	15	10	2

ENSG00000176290	0	0	0	0
ENSG00000176293	170	305	299	164
ENSG00000176294	0	0	0	0
ENSG00000176299	0	0	0	0
ENSG00000176302	1	0	0	0
ENSG00000176312	0	0	0	0
ENSG00000176318	0	0	0	0
ENSG00000176340	1130	1065	956	871
ENSG00000176343	0	1	0	0
ENSG00000176358	4	11	13	4
ENSG00000176371	155	165	216	125
ENSG00000176378	1	3	0	2
ENSG00000176381	0	0	0	0
ENSG00000176383	5	3	5	9
ENSG00000176386	313	341	373	283
ENSG00000176387	46	24	21	21
ENSG00000176390	202	286	239	231
ENSG00000176393	1784	1495	2032	1566
ENSG00000176396	167	186	216	165
ENSG00000176399	33	25	8	31
ENSG00000176401	39	46	40	54
ENSG00000176402	0	3	3	2
ENSG00000176406	5	6	7	3
ENSG00000176407	865	922	1102	828
ENSG00000176410	230	340	330	233
ENSG00000176422	159	218	182	123
ENSG00000176428	101	85	103	95
ENSG00000176435	46	21	0	99
ENSG00000176438	1644	1454	1593	1630
ENSG00000176444	335	412	359	279
ENSG00000176454	423	452	405	385
ENSG00000176463	912	1320	1341	758
ENSG00000176472	77	88	58	47
ENSG00000176473	166	199	181	155
ENSG00000176476	80	128	120	117
ENSG00000176485	477	536	207	377
ENSG00000176490	356	426	101	344
ENSG00000176495	0	0	0	0
ENSG00000176510	1	1	0	0
ENSG00000176531	182	322	265	217
ENSG00000176532	1	4	1	1
ENSG00000176533	71	73	78	41
ENSG00000176540	0	0	0	0

ENSG00000176542	851	849	1267	776
ENSG00000176547	0	0	0	0
ENSG00000176555	0	0	0	0
ENSG00000176563	12	24	21	29
ENSG00000176566	0	0	0	0
ENSG00000176567	0	0	0	0
ENSG00000176571	0	0	0	0
ENSG00000176584	2	1	3	2
ENSG00000176595	28	6	4	6
ENSG00000176597	182	77	163	168
ENSG00000176601	0	0	0	0
ENSG00000176605	0	0	0	0
ENSG00000176619	1151	1128	1328	950
ENSG00000176623	1823	1401	1375	1193
ENSG00000176624	892	931	1165	865
ENSG00000176635	2	2	0	0
ENSG00000176641	131	250	175	92
ENSG00000176654	0	2	0	3
ENSG00000176658	8689	11254	9590	7866
ENSG00000176678	745	452	553	379
ENSG00000176679	0	0	0	0
ENSG00000176681	2	0	11	11
ENSG00000176692	31	59	47	28
ENSG00000176695	0	0	0	0
ENSG00000176697	505	691	922	412
ENSG00000176700	202	291	285	175
ENSG00000176714	71	94	64	66
ENSG00000176715	363	346	536	313
ENSG00000176716	0	4	1	0
ENSG00000176720	807	820	655	698
ENSG00000176723	53	65	37	57
ENSG00000176731	385	428	472	307
ENSG00000176732	18	13	24	9
ENSG00000176742	0	0	0	0
ENSG00000176746	0	0	0	0
ENSG00000176748	0	0	0	0
ENSG00000176749	21	25	21	28
ENSG00000176752	0	0	0	0
ENSG00000176761	12	1	11	2
ENSG00000176769	0	0	1	2
ENSG00000176771	177	226	162	224
ENSG00000176774	0	0	0	0
ENSG00000176782	0	0	0	0

ENSG00000176783	1077	1185	1298	1066
ENSG00000176787	0	0	0	0
ENSG00000176788	5519	5302	7930	4582
ENSG00000176797	0	0	0	0
ENSG00000176798	0	0	0	0
ENSG00000176809	208	254	254	171
ENSG00000176812	0	0	0	0
ENSG00000176826	45	178	46	77
ENSG00000176834	386	777	585	508
ENSG00000176842	0	0	0	1
ENSG00000176845	1081	1518	1424	220
ENSG00000176853	1416	1589	1816	1293
ENSG00000176855	0	0	0	0
ENSG00000176857	0	0	1	1
ENSG00000176871	1396	1567	1497	949
ENSG00000176879	0	0	0	0
ENSG00000176882	0	0	0	1
ENSG00000176884	1	4	0	0
ENSG00000176887	7	14	5	8
ENSG00000176890	762	480	660	432
ENSG00000176893	0	0	0	0
ENSG00000176894	72	102	93	83
ENSG00000176895	0	0	0	0
ENSG00000176896	50	83	59	71
ENSG00000176900	0	0	0	0
ENSG00000176903	951	1005	1102	895
ENSG00000176904	0	0	0	0
ENSG00000176907	2	2	7	4
ENSG00000176909	81	55	72	95
ENSG00000176915	1388	1603	1544	1218
ENSG00000176919	7	12	11	4
ENSG00000176920	20	15	28	7
ENSG00000176922	0	0	0	0
ENSG00000176923	0	0	0	0
ENSG00000176925	0	0	0	0
ENSG00000176927	35	33	44	6
ENSG00000176928	91	283	274	131
ENSG00000176933	13	25	25	14
ENSG00000176937	0	0	0	0
ENSG00000176945	6	11	6	5
ENSG00000176946	857	946	797	712
ENSG00000176951	0	0	0	0
ENSG00000176953	829	1060	1011	780

ENSG00000176956	0	0	0	0
ENSG00000176970	0	0	0	0
ENSG00000176971	1425	2187	1394	1178
ENSG00000176973	593	460	402	391
ENSG00000176974	94	137	113	84
ENSG00000176978	1929	1980	2379	1583
ENSG00000176979	0	1	0	0
ENSG00000176986	2226	2487	2608	1759
ENSG00000176988	0	0	0	0
ENSG00000176994	1176	1141	1280	1052
ENSG00000176998	0	1	0	0
ENSG00000177000	1570	1662	1333	1327
ENSG00000177023	0	0	0	0
ENSG00000177025	4	13	13	8
ENSG00000177030	911	935	1093	773
ENSG00000177034	615	752	650	685
ENSG00000177042	860	824	927	663
ENSG00000177045	612	539	539	465
ENSG00000177047	0	1	0	1
ENSG00000177051	157	208	170	146
ENSG00000177054	210	216	159	146
ENSG00000177058	401	343	415	272
ENSG00000177076	48	42	38	32
ENSG00000177082	441	574	460	457
ENSG00000177084	415	504	391	535
ENSG00000177096	579	528	508	363
ENSG00000177098	550	197	132	407
ENSG00000177103	0	0	0	0
ENSG00000177105	638	662	611	560
ENSG00000177106	1410	1489	1145	993
ENSG00000177108	1	0	3	3
ENSG00000177119	3254	3832	3568	3071
ENSG00000177125	406	400	386	352
ENSG00000177138	0	7	3	5
ENSG00000177143	0	0	0	0
ENSG00000177144	83	111	121	116
ENSG00000177150	277	287	311	227
ENSG00000177151	0	0	0	0
ENSG00000177156	2072	2268	2524	1473
ENSG00000177169	1320	1482	1631	1246
ENSG00000177173	2	2	1	0
ENSG00000177174	0	0	0	0
ENSG00000177181	6	2	4	4

ENSG00000177182	3	11	9	5
ENSG00000177186	0	0	0	0
ENSG00000177189	1495	2083	2076	1809
ENSG00000177191	83	105	75	53
ENSG00000177192	119	165	132	84
ENSG00000177197	0	0	0	0
ENSG00000177200	1368	1602	2140	1204
ENSG00000177201	0	0	0	0
ENSG00000177202	0	0	0	0
ENSG00000177212	0	0	1	0
ENSG00000177225	1376	1277	1607	1256
ENSG00000177233	0	0	0	0
ENSG00000177238	35	42	51	38
ENSG00000177239	2084	2430	2372	1961
ENSG00000177243	0	0	0	0
ENSG00000177257	0	0	0	0
ENSG00000177261	0	0	0	0
ENSG00000177272	23	57	48	60
ENSG00000177275	0	0	0	0
ENSG00000177283	35	70	60	33
ENSG00000177291	5	6	4	3
ENSG00000177294	1	3	3	4
ENSG00000177300	0	0	0	0
ENSG00000177301	6	7	1	19
ENSG00000177302	364	375	365	353
ENSG00000177303	344	331	419	309
ENSG00000177306	14	0	4	2
ENSG00000177311	4392	3701	4775	3126
ENSG00000177324	1	0	2	1
ENSG00000177350	1	0	2	0
ENSG00000177352	344	412	398	295
ENSG00000177354	2	6	6	1
ENSG00000177359	5	1	1	0
ENSG00000177363	3445	4077	3560	3575
ENSG00000177370	115	135	155	85
ENSG00000177374	820	1096	731	1100
ENSG00000177380	53	34	31	40
ENSG00000177383	531	584	506	457
ENSG00000177398	0	0	0	0
ENSG00000177400	0	0	0	0
ENSG00000177409	888	1372	1271	787
ENSG00000177414	0	0	0	0
ENSG00000177418	0	0	0	0

ENSG00000177425	398	286	663	334
ENSG00000177426	790	865	939	562
ENSG00000177427	194	193	163	203
ENSG00000177432	133	193	224	144
ENSG00000177447	0	0	0	0
ENSG00000177452	0	0	0	0
ENSG00000177453	70	115	89	71
ENSG00000177455	2	7	1	3
ENSG00000177459	20	37	19	24
ENSG00000177462	1	0	0	1
ENSG00000177463	1668	1561	1823	1329
ENSG00000177464	21	46	46	31
ENSG00000177465	5	8	3	6
ENSG00000177468	0	0	0	0
ENSG00000177469	14296	20015	14362	15901
ENSG00000177476	0	0	0	0
ENSG00000177479	1378	1860	1793	1404
ENSG00000177483	15	22	13	16
ENSG00000177485	556	460	541	432
ENSG00000177489	0	0	0	0
ENSG00000177494	3	1	3	3
ENSG00000177504	0	0	0	0
ENSG00000177508	16	8	9	0
ENSG00000177511	0	0	0	0
ENSG00000177519	0	0	0	2
ENSG00000177535	0	0	0	0
ENSG00000177542	270	264	212	295
ENSG00000177548	431	478	459	484
ENSG00000177551	0	1	2	0
ENSG00000177556	612	860	880	610
ENSG00000177558	0	0	0	0
ENSG00000177565	2137	3052	3431	2714
ENSG00000177570	128	220	123	190
ENSG00000177575	19	21	33	10
ENSG00000177576	555	401	307	437
ENSG00000177586	0	0	0	0
ENSG00000177590	0	0	0	0
ENSG00000177595	983	617	658	489
ENSG00000177599	60	50	21	32
ENSG00000177600	9067	6572	5553	5339
ENSG00000177602	14	12	12	15
ENSG00000177606	5145	3828	5604	3973
ENSG00000177613	856	928	676	678

ENSG00000177614	307	249	371	218
ENSG00000177627	0	1	0	1
ENSG00000177628	2888	3527	3366	2655
ENSG00000177646	611	679	622	514
ENSG00000177663	670	937	915	666
ENSG00000177666	1713	2082	1836	1450
ENSG00000177669	1	1	4	2
ENSG00000177673	0	0	0	0
ENSG00000177674	495	656	457	440
ENSG00000177675	1	1	17	1
ENSG00000177679	51	52	27	77
ENSG00000177683	334	429	516	405
ENSG00000177684	0	0	0	0
ENSG00000177685	11	31	13	29
ENSG00000177688	2	1	1	0
ENSG00000177689	1	7	2	0
ENSG00000177692	15	14	17	15
ENSG00000177693	0	0	0	0
ENSG00000177694	447	352	438	478
ENSG00000177697	8531	11662	12292	8611
ENSG00000177700	2332	2781	2579	1813
ENSG00000177706	1077	1424	1491	1367
ENSG00000177707	820	1117	1697	770
ENSG00000177710	2	6	4	2
ENSG00000177721	23	31	21	29
ENSG00000177728	1018	1208	1848	1099
ENSG00000177731	3364	4537	4412	3519
ENSG00000177732	930	687	872	638
ENSG00000177733	2869	2725	2490	2425
ENSG00000177736	0	0	1	1
ENSG00000177752	0	0	2	0
ENSG00000177770	0	0	0	0
ENSG00000177776	0	0	0	1
ENSG00000177791	1	4	0	0
ENSG00000177800	4	5	5	2
ENSG00000177803	0	0	0	0
ENSG00000177807	1	1	5	3
ENSG00000177830	1800	1965	2203	1492
ENSG00000177839	86	124	119	32
ENSG00000177842	26	28	12	13
ENSG00000177853	368	576	414	343
ENSG00000177854	84	116	136	114
ENSG00000177855	0	0	0	0

ENSG00000177868	371	443	417	309
ENSG00000177873	103	148	151	102
ENSG00000177875	24	17	15	12
ENSG00000177879	2468	2573	2532	2060
ENSG00000177885	1803	2259	2367	1559
ENSG00000177888	586	602	647	546
ENSG00000177889	944	959	998	647
ENSG00000177910	0	0	0	0
ENSG00000177917	312	315	317	283
ENSG00000177932	272	389	383	301
ENSG00000177938	0	0	0	0
ENSG00000177943	60	81	77	31
ENSG00000177946	330	312	335	249
ENSG00000177947	0	0	0	0
ENSG00000177951	1581	1645	1509	1278
ENSG00000177954	13932	16792	15356	11473
ENSG00000177963	2229	2561	2050	1474
ENSG00000177971	561	499	459	498
ENSG00000177981	598	744	661	584
ENSG00000177984	9	13	10	9
ENSG00000177989	36	32	44	26
ENSG00000177990	112	81	119	113
ENSG00000177992	0	1	0	0
ENSG00000177994	1	5	1	2
ENSG00000178015	4	8	10	5
ENSG00000178021	0	1	2	0
ENSG00000178026	165	234	207	155
ENSG00000178028	461	579	643	420
ENSG00000178031	1117	3432	1446	2128
ENSG00000178033	697	696	812	696
ENSG00000178035	4247	3631	3676	2727
ENSG00000178038	42	47	58	53
ENSG00000178053	218	264	136	200
ENSG00000178055	0	1	0	0
ENSG00000178057	800	1029	1003	707
ENSG00000178074	465	479	387	432
ENSG00000178075	24	31	43	17
ENSG00000178078	38	76	57	38
ENSG00000178081	6	6	0	2
ENSG00000178082	0	0	3	0
ENSG00000178084	0	0	0	0
ENSG00000178093	41	54	31	31
ENSG00000178096	140	171	107	153

ENSG00000178104	6011	7415	7173	7186
ENSG00000178105	240	310	330	213
ENSG00000178115	2	19	29	3
ENSG00000178125	4	4	6	7
ENSG00000178127	803	869	1002	626
ENSG00000178146	0	0	0	0
ENSG00000178149	505	517	501	383
ENSG00000178150	7	15	9	12
ENSG00000178162	26	13	20	9
ENSG00000178163	495	609	417	590
ENSG00000178171	1	0	1	2
ENSG00000178172	0	0	0	0
ENSG00000178175	3	4	1	0
ENSG00000178177	206	258	283	194
ENSG00000178184	183	91	85	87
ENSG00000178187	16	24	21	16
ENSG00000178188	1032	1046	1068	876
ENSG00000178199	11	15	29	13
ENSG00000178201	12	29	33	10
ENSG00000178202	3221	3007	1422	2254
ENSG00000178209	14142	21758	10813	15280
ENSG00000178217	0	0	0	1
ENSG00000178222	25	83	123	18
ENSG00000178226	5	4	4	1
ENSG00000178229	70	79	72	52
ENSG00000178233	1	3	2	3
ENSG00000178234	1063	1309	1344	966
ENSG00000178235	0	9	2	2
ENSG00000178252	3522	3327	3662	2793
ENSG00000178257	0	0	0	1
ENSG00000178279	0	0	0	0
ENSG00000178287	0	0	0	0
ENSG00000178295	137	226	179	146
ENSG00000178297	29	24	21	24
ENSG00000178301	141	97	101	125
ENSG00000178307	303	409	418	335
ENSG00000178338	142	168	170	187
ENSG00000178342	16	9	4	10
ENSG00000178343	18	47	33	43
ENSG00000178358	0	0	0	0
ENSG00000178363	0	0	0	0
ENSG00000178372	0	0	0	0
ENSG00000178381	155	234	187	166

ENSG00000178385	133	182	153	121
ENSG00000178386	77	88	102	76
ENSG00000178394	0	0	0	0
ENSG00000178395	0	0	0	0
ENSG00000178397	278	308	335	288
ENSG00000178401	60	112	83	52
ENSG00000178403	0	0	0	0
ENSG00000178404	12	13	10	7
ENSG00000178409	49	65	76	53
ENSG00000178425	665	764	887	505
ENSG00000178429	2	2	6	0
ENSG00000178445	0	3	7	3
ENSG00000178449	284	325	320	271
ENSG00000178458	0	0	0	0
ENSG00000178460	138	177	155	112
ENSG00000178462	0	0	0	0
ENSG00000178464	13	5	3	4
ENSG00000178467	478	608	472	519
ENSG00000178473	0	0	0	0
ENSG00000178498	513	483	481	393
ENSG00000178502	69	65	81	74
ENSG00000178503	0	0	0	0
ENSG00000178522	0	0	0	0
ENSG00000178531	64	78	67	94
ENSG00000178537	317	373	491	348
ENSG00000178538	0	0	0	0
ENSG00000178556	0	0	0	0
ENSG00000178562	3	2	7	1
ENSG00000178567	805	822	1235	733
ENSG00000178568	3	3	0	3
ENSG00000178573	1948	2124	1406	1822
ENSG00000178585	223	263	361	308
ENSG00000178586	0	0	0	0
ENSG00000178591	0	0	0	0
ENSG00000178596	0	0	0	0
ENSG00000178597	0	0	0	0
ENSG00000178602	0	0	0	0
ENSG00000178605	548	536	536	415
ENSG00000178607	442	521	420	361
ENSG00000178623	12	26	25	16
ENSG00000178631	1	6	4	3
ENSG00000178636	10	21	17	12
ENSG00000178645	2	2	3	0

ENSG00000178654	0	2	0	0
ENSG00000178660	0	0	0	0
ENSG00000178662	52	69	52	61
ENSG00000178665	45	78	55	40
ENSG00000178685	647	545	402	547
ENSG00000178690	10	15	14	8
ENSG00000178691	782	932	981	703
ENSG00000178694	148	151	131	120
ENSG00000178695	4871	4818	5277	4475
ENSG00000178700	357	390	428	357
ENSG00000178715	1	0	1	0
ENSG00000178718	35	39	28	24
ENSG00000178719	3172	3807	4608	3180
ENSG00000178723	0	1	0	0
ENSG00000178726	10	17	29	25
ENSG00000178732	5	2	1	2
ENSG00000178734	29	37	17	13
ENSG00000178741	504	671	672	473
ENSG00000178750	3	1	4	0
ENSG00000178752	94	133	176	131
ENSG00000178761	1177	1090	1278	959
ENSG00000178762	0	0	0	0
ENSG00000178764	978	1292	1067	1060
ENSG00000178772	11	13	14	13
ENSG00000178773	19	56	126	68
ENSG00000178776	0	1	0	0
ENSG00000178789	0	0	0	0
ENSG00000178795	9	7	3	0
ENSG00000178796	1	2	2	1
ENSG00000178802	572	814	861	562
ENSG00000178804	0	0	0	0
ENSG00000178809	77	72	68	45
ENSG00000178814	189	193	162	133
ENSG00000178821	2	3	2	4
ENSG00000178826	1	9	4	3
ENSG00000178828	0	0	0	0
ENSG00000178836	0	0	0	0
ENSG00000178852	68	54	55	54
ENSG00000178860	952	754	930	764
ENSG00000178878	80	64	143	57
ENSG00000178882	3	3	0	3
ENSG00000178896	132	166	174	121
ENSG00000178904	790	975	1272	737

ENSG00000178913	1694	2109	2135	1512
ENSG00000178917	31	24	28	16
ENSG00000178919	4	0	287	10
ENSG00000178921	316	235	323	201
ENSG00000178922	212	224	291	180
ENSG00000178927	1218	1350	1389	897
ENSG00000178928	1	3	1	0
ENSG00000178934	0	0	0	0
ENSG00000178935	53	47	56	39
ENSG00000178947	17	7	4	12
ENSG00000178950	1397	1421	1497	1315
ENSG00000178951	1168	1340	1271	1037
ENSG00000178952	2216	2104	2149	1501
ENSG00000178965	3	3	0	0
ENSG00000178966	160	178	156	139
ENSG00000178971	284	326	179	247
ENSG00000178974	401	433	432	344
ENSG00000178980	634	880	858	688
ENSG00000178982	802	922	978	534
ENSG00000178988	982	1144	1173	940
ENSG00000178996	4162	4393	4505	3970
ENSG00000178997	3	0	4	1
ENSG00000178999	8	16	13	18
ENSG00000179002	0	0	0	0
ENSG00000179008	1	1	4	6
ENSG00000179010	4109	4503	4609	3927
ENSG00000179021	456	500	525	397
ENSG00000179023	0	0	0	0
ENSG00000179029	128	130	107	153
ENSG00000179031	0	2	0	1
ENSG00000179038	1	0	2	2
ENSG00000179041	140	146	187	138
ENSG00000179044	35	22	19	14
ENSG00000179046	1	2	2	1
ENSG00000179051	702	826	825	590
ENSG00000179055	0	0	0	0
ENSG00000179057	18	4	2	4
ENSG00000179058	6	10	15	9
ENSG00000179059	9	4	10	8
ENSG00000179071	33	53	27	27
ENSG00000179073	0	0	0	0
ENSG00000179083	0	2	1	1
ENSG00000179085	134	127	125	116

ENSG00000179088	0	0	0	0
ENSG00000179091	815	713	887	555
ENSG00000179094	169	181	260	162
ENSG00000179097	0	0	9	0
ENSG00000179101	0	0	0	1
ENSG00000179104	223	349	446	274
ENSG00000179111	2	0	2	4
ENSG00000179115	550	605	631	463
ENSG00000179119	509	852	774	556
ENSG00000179131	0	1	0	0
ENSG00000179133	5	10	3	7
ENSG00000179134	2444	2407	2553	2491
ENSG00000179142	0	0	0	0
ENSG00000179144	0	0	0	0
ENSG00000179148	1	1	0	0
ENSG00000179151	647	626	651	477
ENSG00000179152	601	680	633	452
ENSG00000179157	0	0	0	0
ENSG00000179163	75	145	93	99
ENSG00000179165	1	0	0	0
ENSG00000179168	27	53	26	45
ENSG00000179170	0	0	0	0
ENSG00000179172	0	0	0	0
ENSG00000179178	0	0	0	0
ENSG00000179195	2170	2397	2680	1943
ENSG00000179213	0	0	0	0
ENSG00000179218	28977	25579	22920	15962
ENSG00000179222	6435	7113	7943	4882
ENSG00000179240	47	53	79	41
ENSG00000179241	243	220	310	235
ENSG00000179242	45	19	59	19
ENSG00000179256	3	17	13	10
ENSG00000179262	1164	1534	1467	1035
ENSG00000179270	0	12	0	1
ENSG00000179271	592	774	643	532
ENSG00000179277	178	187	176	125
ENSG00000179284	2	2	4	4
ENSG00000179292	4	2	2	0
ENSG00000179295	5872	7139	9336	5660
ENSG00000179299	5	2	1	0
ENSG00000179300	4	35	2	22
ENSG00000179304	76	158	64	121
ENSG00000179314	25	4	14	21

ENSG00000179331	2	1	1	0
ENSG00000179335	927	973	984	656
ENSG00000179342	0	0	1	1
ENSG00000179344	0	0	0	0
ENSG00000179348	234	176	133	347
ENSG00000179361	61	89	83	51
ENSG00000179362	6	22	14	10
ENSG00000179363	5	2	0	2
ENSG00000179364	1540	1673	1780	1425
ENSG00000179381	0	0	0	0
ENSG00000179387	697	977	905	739
ENSG00000179388	98	84	44	142
ENSG00000179397	23	28	41	27
ENSG00000179399	0	0	1	0
ENSG00000179403	183	111	78	156
ENSG00000179407	0	0	0	0
ENSG00000179409	632	483	514	553
ENSG00000179412	0	0	0	0
ENSG00000179420	0	0	0	0
ENSG00000179431	124	177	95	153
ENSG00000179443	0	0	0	0
ENSG00000179454	354	409	380	363
ENSG00000179455	8	13	7	4
ENSG00000179456	209	237	289	165
ENSG00000179460	0	0	0	0
ENSG00000179468	0	0	0	0
ENSG00000179476	175	210	214	149
ENSG00000179477	0	2	0	0
ENSG00000179520	0	0	0	0
ENSG00000179526	828	760	741	631
ENSG00000179528	42	42	33	44
ENSG00000179532	231	324	266	216
ENSG00000179542	14	1	3	4
ENSG00000179546	3	4	6	4
ENSG00000179562	639	711	614	581
ENSG00000179564	1	2	1	0
ENSG00000179571	0	0	1	0
ENSG00000179580	0	0	0	0
ENSG00000179583	53	30	83	29
ENSG00000179588	153	115	123	69
ENSG00000179593	0	0	0	1
ENSG00000179598	48	60	45	39
ENSG00000179600	0	0	0	0

ENSG00000179603	0	0	0	0
ENSG00000179604	1570	1743	1298	1321
ENSG00000179611	0	0	0	0
ENSG00000179615	0	0	0	0
ENSG00000179626	0	0	0	0
ENSG00000179627	77	78	54	50
ENSG00000179630	572	761	968	564
ENSG00000179632	1970	2392	2326	1744
ENSG00000179636	0	0	0	0
ENSG00000179639	0	0	0	0
ENSG00000179673	0	0	0	0
ENSG00000179674	0	0	0	0
ENSG00000179695	0	0	0	0
ENSG00000179698	7	15	19	13
ENSG00000179709	1	2	3	1
ENSG00000179715	19	22	17	30
ENSG00000179750	20	26	14	26
ENSG00000179751	0	0	0	0
ENSG00000179761	25	18	13	19
ENSG00000179766	2	2	0	3
ENSG00000179772	0	0	0	0
ENSG00000179774	0	0	0	0
ENSG00000179776	0	0	0	0
ENSG00000179796	0	0	0	0
ENSG00000179799	0	0	0	0
ENSG00000179813	10	8	8	4
ENSG00000179817	0	0	0	0
ENSG00000179820	2643	3732	2556	3220
ENSG00000179826	8	3	4	3
ENSG00000179832	695	771	755	631
ENSG00000179833	1109	1108	1114	1003
ENSG00000179841	6	21	29	13
ENSG00000179846	2	0	3	1
ENSG00000179855	6	7	4	12
ENSG00000179862	30	46	24	31
ENSG00000179869	29	57	93	29
ENSG00000179873	4	2	4	3
ENSG00000179886	98	87	104	90
ENSG00000179889	550	515	1491	1003
ENSG00000179899	145	210	196	127
ENSG00000179902	0	1	2	2
ENSG00000179909	250	321	438	220
ENSG00000179912	1251	1713	1868	1300

ENSG00000179913	0	0	0	0
ENSG00000179914	0	0	0	0
ENSG00000179915	0	0	0	0
ENSG00000179918	630	657	662	617
ENSG00000179919	0	0	0	0
ENSG00000179921	6	4	3	3
ENSG00000179922	85	139	92	75
ENSG00000179930	0	0	0	0
ENSG00000179933	1174	1299	1434	1065
ENSG00000179934	0	0	0	0
ENSG00000179938	7	14	11	11
ENSG00000179941	598	740	595	552
ENSG00000179943	188	201	193	185
ENSG00000179950	369	354	499	290
ENSG00000179954	855	1548	1594	2262
ENSG00000179958	155	123	176	133
ENSG00000179965	136	112	119	131
ENSG00000179967	3	0	9	0
ENSG00000179978	13	34	33	4
ENSG00000179979	324	149	166	147
ENSG00000179981	751	1016	522	976
ENSG00000179988	52	89	81	48
ENSG00000179994	0	0	0	0
ENSG00000179997	0	0	0	0
ENSG00000180008	747	723	702	515
ENSG00000180011	894	775	677	751
ENSG00000180015	18	13	8	11
ENSG00000180016	0	1	0	0
ENSG00000180019	1	0	0	0
ENSG00000180035	133	109	145	135
ENSG00000180042	0	0	0	0
ENSG00000180043	0	0	0	0
ENSG00000180044	2	1	0	1
ENSG00000180053	0	0	0	0
ENSG00000180061	0	2	0	1
ENSG00000180068	0	0	0	0
ENSG00000180071	0	7	7	0
ENSG00000180083	3	3	6	4
ENSG00000180089	43	42	44	37
ENSG00000180090	0	0	2	1
ENSG00000180096	35	38	47	32
ENSG00000180098	253	320	415	258
ENSG00000180104	1120	1301	1421	1120

ENSG00000180105	0	0	0	0
ENSG00000180113	46	106	9	56
ENSG00000180116	6	5	6	2
ENSG00000180138	1	1	0	0
ENSG00000180150	0	0	0	0
ENSG00000180152	4	4	6	3
ENSG00000180155	1833	1853	880	1184
ENSG00000180172	1	0	0	0
ENSG00000180176	0	0	1	0
ENSG00000180178	2	1	4	13
ENSG00000180182	826	907	1059	726
ENSG00000180185	431	460	481	361
ENSG00000180189	1	5	2	4
ENSG00000180190	160	145	172	166
ENSG00000180198	477	500	693	364
ENSG00000180205	0	0	0	0
ENSG00000180209	0	1	3	0
ENSG00000180210	1	0	1	0
ENSG00000180211	0	0	1	0
ENSG00000180219	0	0	0	0
ENSG00000180221	0	1	0	0
ENSG00000180228	671	695	801	446
ENSG00000180229	355	411	259	276
ENSG00000180230	0	0	0	0
ENSG00000180233	98	152	142	109
ENSG00000180245	2	2	2	1
ENSG00000180251	30	22	37	28
ENSG00000180257	111	109	108	94
ENSG00000180259	0	0	0	0
ENSG00000180263	221	457	292	207
ENSG00000180264	12	10	15	9
ENSG00000180269	0	0	0	0
ENSG00000180284	0	0	0	0
ENSG00000180287	1	8	7	56
ENSG00000180304	2299	2577	2553	1763
ENSG00000180305	0	0	0	0
ENSG00000180316	1	4	2	1
ENSG00000180318	0	0	0	0
ENSG00000180329	263	388	377	248
ENSG00000180332	1	1	0	1
ENSG00000180336	14	47	32	22
ENSG00000180340	1128	1371	1303	1113
ENSG00000180346	102	185	235	119

ENSG00000180347	2	1	1	1
ENSG00000180353	9	1	6	6
ENSG00000180354	1293	1341	1678	1311
ENSG00000180357	1208	1381	1683	1080
ENSG00000180370	1712	1939	1907	1861
ENSG00000180376	228	303	362	305
ENSG00000180383	0	0	0	1
ENSG00000180385	17	30	26	27
ENSG00000180386	0	0	0	0
ENSG00000180389	0	1	0	0
ENSG00000180398	5906	6784	8040	5173
ENSG00000180409	0	0	0	0
ENSG00000180423	51	69	73	53
ENSG00000180424	0	0	0	0
ENSG00000180425	49	84	66	50
ENSG00000180432	1	3	4	5
ENSG00000180433	0	0	0	0
ENSG00000180437	0	0	0	0
ENSG00000180438	10	9	10	4
ENSG00000180440	0	0	0	0
ENSG00000180447	1182	2221	1395	1430
ENSG00000180448	298	458	322	230
ENSG00000180475	0	2	0	0
ENSG00000180479	96	106	145	104
ENSG00000180481	10	37	25	23
ENSG00000180483	0	0	0	0
ENSG00000180488	424	580	499	438
ENSG00000180509	8	36	18	16
ENSG00000180525	21	33	15	7
ENSG00000180530	1198	1164	1502	1086
ENSG00000180532	0	3	0	2
ENSG00000180535	0	0	0	0
ENSG00000180537	82	52	249	158
ENSG00000180543	685	663	597	498
ENSG00000180549	0	0	0	0
ENSG00000180573	553	1089	1048	815
ENSG00000180574	0	0	1	0
ENSG00000180581	48	76	114	44
ENSG00000180592	76	43	22	20
ENSG00000180596	19	57	61	50
ENSG00000180610	1	1	1	3
ENSG00000180611	82	116	107	90
ENSG00000180613	0	1	0	0

ENSG00000180616	37	49	56	28
ENSG00000180626	151	194	224	160
ENSG00000180628	791	825	903	917
ENSG00000180638	6	4	0	4
ENSG00000180644	0	0	2	0
ENSG00000180658	0	0	0	0
ENSG00000180660	68	112	72	64
ENSG00000180662	0	0	0	0
ENSG00000180663	0	0	0	0
ENSG00000180667	241	243	193	174
ENSG00000180673	0	0	0	0
ENSG00000180694	741	636	940	557
ENSG00000180697	0	0	0	0
ENSG00000180708	0	0	0	0
ENSG00000180714	0	0	0	0
ENSG00000180720	0	2	2	0
ENSG00000180723	0	0	0	0
ENSG00000180730	2	1	0	4
ENSG00000180739	0	1	3	1
ENSG00000180745	0	1	0	2
ENSG00000180747	80	250	132	161
ENSG00000180758	71	78	73	169
ENSG00000180764	8	8	10	7
ENSG00000180767	0	0	0	0
ENSG00000180770	0	0	2	0
ENSG00000180772	0	0	0	0
ENSG00000180773	500	449	485	372
ENSG00000180776	1525	1793	2411	1539
ENSG00000180777	8	21	8	1
ENSG00000180785	0	0	0	0
ENSG00000180787	120	148	112	121
ENSG00000180801	1014	1837	2033	1129
ENSG00000180803	0	0	0	0
ENSG00000180806	0	5	12	12
ENSG00000180815	19	9	11	6
ENSG00000180817	1792	1772	2146	1331
ENSG00000180818	0	0	2	2
ENSG00000180822	143	174	143	116
ENSG00000180828	0	0	0	0
ENSG00000180834	42	38	22	22
ENSG00000180855	36	51	37	28
ENSG00000180867	36	44	54	24
ENSG00000180871	2	0	2	1

ENSG00000180872	0	0	0	0
ENSG00000180875	285	706	283	665
ENSG00000180878	3	3	2	4
ENSG00000180879	1711	1813	1863	1388
ENSG00000180881	164	210	173	117
ENSG00000180884	47	52	60	53
ENSG00000180891	980	970	950	781
ENSG00000180900	545	638	638	428
ENSG00000180901	999	1183	1164	877
ENSG00000180902	497	441	443	382
ENSG00000180909	0	0	1	0
ENSG00000180913	0	0	0	0
ENSG00000180914	57	667	251	73
ENSG00000180917	495	471	485	372
ENSG00000180919	0	0	1	0
ENSG00000180921	74	111	123	62
ENSG00000180926	0	0	0	0
ENSG00000180929	1	2	0	1
ENSG00000180934	0	0	0	0
ENSG00000180938	45	59	44	53
ENSG00000180953	54	59	89	49
ENSG00000180957	1065	1194	1162	938
ENSG00000180964	1148	1197	1128	913
ENSG00000180974	0	0	0	0
ENSG00000180979	359	557	582	403
ENSG00000180988	0	0	0	0
ENSG00000180992	445	381	506	357
ENSG00000180998	44	66	72	57
ENSG00000180999	0	1	1	0
ENSG00000181001	0	0	0	0
ENSG00000181004	137	135	146	157
ENSG00000181007	150	179	153	146
ENSG00000181009	0	0	0	0
ENSG00000181013	1	1	2	0
ENSG00000181016	11	22	25	16
ENSG00000181017	0	2	0	0
ENSG00000181019	3849	4049	6287	2544
ENSG00000181023	0	0	0	0
ENSG00000181026	841	734	890	670
ENSG00000181027	480	523	529	456
ENSG00000181029	500	404	478	400
ENSG00000181031	7	11	0	8
ENSG00000181035	248	321	241	237

ENSG00000181036	0	3	5	2
ENSG00000181038	265	262	288	225
ENSG00000181045	378	362	420	355
ENSG00000181061	1411	1793	1751	1334
ENSG00000181072	4383	3253	3664	4281
ENSG00000181074	2	4	2	1
ENSG00000181085	1	1	1	3
ENSG00000181090	1035	1114	1094	766
ENSG00000181092	1	5	10	3
ENSG00000181101	0	0	0	0
ENSG00000181104	7192	6987	8954	5386
ENSG00000181109	3	1	0	0
ENSG00000181126	1	5	5	0
ENSG00000181135	112	147	117	95
ENSG00000181143	0	0	0	0
ENSG00000181163	9792	12892	12588	9951
ENSG00000181191	558	471	528	390
ENSG00000181192	440	536	532	430
ENSG00000181195	138	282	367	186
ENSG00000181201	0	0	0	0
ENSG00000181214	0	0	0	0
ENSG00000181215	0	0	0	0
ENSG00000181218	116	90	76	107
ENSG00000181220	390	522	522	323
ENSG00000181222	5845	8361	8151	5768
ENSG00000181227	14	15	15	10
ENSG00000181234	0	0	0	0
ENSG00000181240	5	2	3	5
ENSG00000181260	0	1	2	0
ENSG00000181264	438	474	354	398
ENSG00000181273	0	0	0	0
ENSG00000181274	78	56	67	49
ENSG00000181282	0	0	0	0
ENSG00000181284	39	45	23	28
ENSG00000181291	1	0	1	0
ENSG00000181296	0	0	0	0
ENSG00000181315	651	719	884	649
ENSG00000181322	11	12	7	3
ENSG00000181323	0	0	0	0
ENSG00000181325	0	0	0	0
ENSG00000181333	1	7	4	3
ENSG00000181350	5853	4293	3867	3027
ENSG00000181355	2	0	0	1

ENSG00000181358	0	0	0	0
ENSG00000181359	8	2	0	3
ENSG00000181371	0	0	0	0
ENSG00000181374	10	36	47	12
ENSG00000181378	0	0	0	1
ENSG00000181381	504	663	846	551
ENSG00000181392	9	10	5	3
ENSG00000181395	0	0	0	0
ENSG00000181396	657	727	754	580
ENSG00000181404	197	245	259	231
ENSG00000181408	0	0	0	0
ENSG00000181409	4	4	1	9
ENSG00000181418	3	1	3	2
ENSG00000181433	0	0	0	0
ENSG00000181444	17	8	13	13
ENSG00000181449	1	2	1	0
ENSG00000181450	149	110	143	124
ENSG00000181458	1743	1725	1328	1143
ENSG00000181467	915	878	1112	808
ENSG00000181472	609	852	682	768
ENSG00000181481	356	392	400	342
ENSG00000181499	0	1	0	0
ENSG00000181511	0	0	0	0
ENSG00000181513	204	366	224	236
ENSG00000181514	0	0	0	0
ENSG00000181518	0	0	0	0
ENSG00000181523	1499	1795	1630	1257
ENSG00000181524	2	2	1	0
ENSG00000181541	3	5	0	0
ENSG00000181544	24	26	26	9
ENSG00000181552	0	0	0	0
ENSG00000181555	1593	1795	2092	1385
ENSG00000181562	0	0	0	0
ENSG00000181577	0	3	1	1
ENSG00000181585	0	2	8	6
ENSG00000181588	526	420	443	402
ENSG00000181609	0	0	0	0
ENSG00000181610	406	502	488	327
ENSG00000181616	2	1	1	0
ENSG00000181617	0	0	0	0
ENSG00000181619	102	84	113	79
ENSG00000181625	65	89	49	62
ENSG00000181626	2	1	7	0

ENSG00000181631	0	0	0	0
ENSG00000181634	31	52	41	63
ENSG00000181638	376	371	329	374
ENSG00000181649	31	36	49	24
ENSG00000181652	4	5	10	4
ENSG00000181656	0	5	0	2
ENSG00000181666	381	562	590	363
ENSG00000181689	0	0	0	0
ENSG00000181690	396	554	513	469
ENSG00000181693	0	0	0	0
ENSG00000181698	0	0	0	0
ENSG00000181704	947	1015	953	839
ENSG00000181705	0	0	0	0
ENSG00000181718	0	0	0	0
ENSG00000181722	126	116	100	87
ENSG00000181733	0	0	0	0
ENSG00000181741	1	0	0	0
ENSG00000181744	741	738	984	696
ENSG00000181751	154	235	193	152
ENSG00000181752	0	0	0	0
ENSG00000181754	285	390	238	402
ENSG00000181761	0	0	0	0
ENSG00000181767	0	0	0	0
ENSG00000181773	4	2	1	7
ENSG00000181778	9	33	15	26
ENSG00000181780	0	0	0	0
ENSG00000181781	1	0	0	0
ENSG00000181785	0	0	0	0
ENSG00000181786	0	0	0	0
ENSG00000181788	414	486	507	487
ENSG00000181789	4017	4512	4626	3403
ENSG00000181790	3	1	1	5
ENSG00000181803	0	0	0	0
ENSG00000181804	881	878	940	642
ENSG00000181817	383	404	364	324
ENSG00000181819	0	0	0	0
ENSG00000181826	115	98	126	97
ENSG00000181827	1025	1094	1273	845
ENSG00000181830	667	587	560	556
ENSG00000181837	0	0	0	0
ENSG00000181847	0	0	3	0
ENSG00000181852	1132	1580	1500	1167
ENSG00000181856	4	5	9	3

ENSG00000181867	0	0	0	0
ENSG00000181873	288	172	165	151
ENSG00000181885	21	42	32	21
ENSG00000181894	286	303	354	260
ENSG00000181896	66	165	147	71
ENSG00000181903	0	0	0	0
ENSG00000181904	1296	1499	1638	1236
ENSG00000181915	426	456	423	361
ENSG00000181924	338	409	451	302
ENSG00000181927	0	0	0	0
ENSG00000181929	1429	1630	1513	1149
ENSG00000181935	0	0	0	0
ENSG00000181938	67	48	69	37
ENSG00000181939	0	0	0	0
ENSG00000181943	0	0	0	0
ENSG00000181950	0	0	0	0
ENSG00000181958	0	0	0	0
ENSG00000181961	0	0	0	0
ENSG00000181963	0	0	0	0
ENSG00000181965	0	0	0	0
ENSG00000181977	0	0	0	0
ENSG00000181982	516	616	508	468
ENSG00000181984	8	0	3	0
ENSG00000181991	459	500	515	328
ENSG00000181997	0	0	0	0
ENSG00000182000	0	1	0	0
ENSG00000182004	547	492	481	398
ENSG00000182010	151	241	169	226
ENSG00000182013	478	181	68	215
ENSG00000182022	1160	1449	414	1149
ENSG00000182035	0	0	0	0
ENSG00000182040	0	1	3	3
ENSG00000182048	0	0	0	1
ENSG00000182050	16	21	42	8
ENSG00000182053	0	0	0	0
ENSG00000182054	770	854	833	571
ENSG00000182070	0	0	0	0
ENSG00000182077	0	0	0	0
ENSG00000182083	0	0	0	0
ENSG00000182087	2358	2809	2747	1994
ENSG00000182093	735	810	731	555
ENSG00000182095	3903	4698	4837	3514
ENSG00000182103	1	2	0	1

ENSG00000182107	72	204	163	195
ENSG00000182108	529	628	662	556
ENSG00000182111	8	5	7	3
ENSG00000182117	751	823	908	627
ENSG00000182118	85	124	138	88
ENSG00000182132	0	0	0	0
ENSG00000182134	38	66	29	37
ENSG00000182141	81	116	97	128
ENSG00000182149	2248	2336	2686	2084
ENSG00000182150	506	853	747	481
ENSG00000182154	407	333	277	352
ENSG00000182156	0	0	0	0
ENSG00000182158	2600	2776	3331	1861
ENSG00000182162	25	7	23	16
ENSG00000182168	10	10	18	53
ENSG00000182170	0	0	0	0
ENSG00000182173	74	84	127	107
ENSG00000182175	505	564	484	411
ENSG00000182177	13	7	5	6
ENSG00000182179	1159	1198	836	747
ENSG00000182180	986	959	993	676
ENSG00000182183	12	30	36	14
ENSG00000182185	96	80	75	97
ENSG00000182187	0	0	0	0
ENSG00000182195	752	836	905	646
ENSG00000182196	1655	1595	1654	1292
ENSG00000182197	6529	8100	7241	6945
ENSG00000182199	1777	1955	1768	1560
ENSG00000182208	389	424	387	394
ENSG00000182218	323	452	198	423
ENSG00000182220	4527	5849	4988	4361
ENSG00000182223	0	0	0	0
ENSG00000182224	436	525	480	450
ENSG00000182230	13	3	12	8
ENSG00000182240	1116	713	1453	915
ENSG00000182247	680	1102	764	784
ENSG00000182253	76	264	80	191
ENSG00000182255	0	0	0	2
ENSG00000182256	3	2	4	1
ENSG00000182257	18	39	32	20
ENSG00000182261	2	5	3	3
ENSG00000182263	202	234	368	188
ENSG00000182264	2	5	7	2

ENSG00000182271	0	0	0	0
ENSG00000182272	67	128	66	53
ENSG00000182287	565	555	579	650
ENSG00000182307	1030	1007	1104	867
ENSG00000182308	5	2	3	3
ENSG00000182315	0	0	0	0
ENSG00000182318	134	132	127	103
ENSG00000182324	19	18	32	25
ENSG00000182325	226	192	184	150
ENSG00000182326	51223	54188	52018	44080
ENSG00000182327	12	15	13	15
ENSG00000182329	16	44	49	33
ENSG00000182330	0	0	0	0
ENSG00000182333	0	0	1	0
ENSG00000182334	0	0	0	0
ENSG00000182346	0	0	1	0
ENSG00000182347	0	3	1	1
ENSG00000182348	0	0	0	0
ENSG00000182351	0	0	0	0
ENSG00000182359	89	95	34	58
ENSG00000182362	210	201	249	161
ENSG00000182365	0	0	0	0
ENSG00000182372	234	245	347	386
ENSG00000182378	182	164	310	187
ENSG00000182379	31	41	22	29
ENSG00000182383	0	0	0	0
ENSG00000182389	53	132	67	78
ENSG00000182393	0	0	0	0
ENSG00000182397	54	92	67	91
ENSG00000182400	507	642	546	562
ENSG00000182405	94	93	111	110
ENSG00000182415	0	0	0	0
ENSG00000182446	1771	2034	2877	1618
ENSG00000182447	0	0	0	0
ENSG00000182450	1	2	2	4
ENSG00000182459	0	2	0	0
ENSG00000182463	129	27	13	81
ENSG00000182472	3	10	3	8
ENSG00000182473	3835	4766	5211	3555
ENSG00000182477	0	0	0	0
ENSG00000182481	1243	1746	1645	1095
ENSG00000182484	758	933	770	414
ENSG00000182487	0	0	0	0

ENSG00000182489	1	3	1	3
ENSG00000182492	8623	9759	13041	10809
ENSG00000182504	234	190	268	214
ENSG00000182508	8	3	1	5
ENSG00000182511	429	167	250	329
ENSG00000182512	420	466	483	376
ENSG00000182518	130	129	122	116
ENSG00000182521	5	5	4	2
ENSG00000182531	0	0	0	0
ENSG00000182533	0	0	0	0
ENSG00000182534	7548	7733	8540	6415
ENSG00000182541	564	686	603	485
ENSG00000182544	707	716	580	688
ENSG00000182545	35	30	10	16
ENSG00000182551	1263	1722	1283	974
ENSG00000182552	557	894	794	708
ENSG00000182557	0	0	0	0
ENSG00000182565	0	0	0	0
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ENSG00000182568	880	1069	1191	800
ENSG00000182574	3	1	0	1
ENSG00000182575	133	187	165	219
ENSG00000182578	6	1	6	10
ENSG00000182580	828	629	626	556
ENSG00000182583	0	0	0	0
ENSG00000182584	13	18	14	8
ENSG00000182585	0	0	1	1
ENSG00000182591	0	0	0	0
ENSG00000182600	13	7	12	7
ENSG00000182601	0	0	0	0
ENSG00000182606	1240	1777	1778	1146
ENSG00000182612	57	81	198	28
ENSG00000182613	0	0	0	0
ENSG00000182621	400	267	494	351
ENSG00000182625	0	0	0	0
ENSG00000182628	446	633	601	402
ENSG00000182631	0	0	0	0
ENSG00000182632	1	3	4	3
ENSG00000182634	0	0	0	0
ENSG00000182636	1978	1487	1455	1653
ENSG00000182645	0	1	0	1
ENSG00000182652	0	0	0	0
ENSG00000182667	129	259	256	180

ENSG00000182670	8241	10273	9334	8251
ENSG00000182674	22	17	4	4
ENSG00000182676	2	0	0	0
ENSG00000182685	24	39	23	23
ENSG00000182687	0	1	2	1
ENSG00000182698	0	0	0	0
ENSG00000182700	300	387	420	337
ENSG00000182704	748	692	937	698
ENSG00000182707	0	0	0	0
ENSG00000182712	116	108	115	108
ENSG00000182718	19431	25913	21401	17239
ENSG00000182722	0	0	0	0
ENSG00000182732	15	15	7	5
ENSG00000182742	306	398	279	282
ENSG00000182747	0	0	0	0
ENSG00000182749	491	634	644	491
ENSG00000182752	6622	6179	14340	2920
ENSG00000182759	0	0	0	0
ENSG00000182768	2438	2823	2309	1900
ENSG00000182771	94	14	3	7
ENSG00000182774	7399	6787	6195	4670
ENSG00000182782	0	1	1	0
ENSG00000182783	0	0	0	0
ENSG00000182791	7	3	9	8
ENSG00000182793	0	0	0	0
ENSG00000182795	0	3	0	0
ENSG00000182796	912	938	895	711
ENSG00000182798	0	1	2	1
ENSG00000182809	668	755	613	584
ENSG00000182810	119	100	109	106
ENSG00000182814	0	0	0	0
ENSG00000182816	0	0	0	0
ENSG00000182827	1531	1556	1773	1367
ENSG00000182831	1626	1689	1831	1445
ENSG00000182836	4	6	5	14
ENSG00000182841	189	206	169	105
ENSG00000182853	8	12	2	14
ENSG00000182854	0	0	0	0
ENSG00000182858	761	531	560	517
ENSG00000182866	3	4	0	0
ENSG00000182870	1	1	4	0
ENSG00000182871	3197	2455	4018	2775
ENSG00000182872	664	857	919	559

ENSG00000182885	0	0	0	0
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ENSG00000182890	25	9	7	13
ENSG00000182896	0	2	0	0
ENSG00000182898	0	0	0	0
ENSG00000182899	6628	6292	5654	4580
ENSG00000182901	28	17	139	45
ENSG00000182902	9	7	12	7
ENSG00000182903	261	358	345	298
ENSG00000182916	492	478	605	453
ENSG00000182919	399	514	609	397
ENSG00000182921	0	0	0	0
ENSG00000182923	535	680	841	440
ENSG00000182931	5	2	6	3
ENSG00000182934	2992	3708	3707	2533
ENSG00000182938	0	0	0	0
ENSG00000182944	3677	4627	4544	2822
ENSG00000182950	7	15	9	8
ENSG00000182952	799	1027	813	716
ENSG00000182957	784	1036	1272	910
ENSG00000182963	476	453	422	466
ENSG00000182965	1	0	0	0
ENSG00000182968	0	0	0	0
ENSG00000182973	332	415	365	285
ENSG00000182974	0	0	0	0
ENSG00000182979	1242	1276	1436	1052
ENSG00000182983	71	217	85	167
ENSG00000182985	332	148	78	152
ENSG00000182986	308	396	422	217
ENSG00000182993	31	38	32	44
ENSG00000183010	500	534	465	425
ENSG00000183011	367	461	371	284
ENSG00000183018	3	12	7	15
ENSG00000183019	0	0	0	0
ENSG00000183020	405	820	1177	648
ENSG00000183022	0	0	1	0
ENSG00000183023	1214	1787	1353	1516
ENSG00000183024	0	0	0	0
ENSG00000183032	24	51	37	35
ENSG00000183034	0	0	0	0
ENSG00000183035	0	0	0	0
ENSG00000183036	0	0	0	0
ENSG00000183044	356	409	404	349

ENSG00000183048	76	69	93	65
ENSG00000183049	411	495	502	341
ENSG00000183054	807	682	1013	829
ENSG00000183055	0	0	0	0
ENSG00000183060	105	171	142	142
ENSG00000183066	9	15	16	8
ENSG00000183067	7	29	8	14
ENSG00000183072	0	0	0	0
ENSG00000183077	209	317	295	199
ENSG00000183087	7011	16392	24423	8502
ENSG00000183090	0	1	0	17
ENSG00000183091	15	20	30	14
ENSG00000183092	25	8	6	11
ENSG00000183098	3149	5865	3496	4978
ENSG00000183111	156	377	178	318
ENSG00000183114	1	1	0	0
ENSG00000183117	9	5	9	17
ENSG00000183122	0	0	0	0
ENSG00000183128	0	0	0	0
ENSG00000183130	0	0	0	0
ENSG00000183134	36	44	3	12
ENSG00000183137	251	292	284	257
ENSG00000183145	2	1	5	2
ENSG00000183146	0	0	1	1
ENSG00000183148	1	0	1	2
ENSG00000183150	1	3	0	3
ENSG00000183153	49	63	67	72
ENSG00000183155	167	187	186	153
ENSG00000183160	4362	5480	4267	3406
ENSG00000183161	146	193	141	125
ENSG00000183166	0	1	3	3
ENSG00000183169	1	1	3	1
ENSG00000183171	8	6	10	2
ENSG00000183172	61	60	52	53
ENSG00000183185	0	2	0	0
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ENSG00000183196	16	12	15	8
ENSG00000183199	0	0	1	1
ENSG00000183206	17	15	33	18
ENSG00000183207	748	795	819	576
ENSG00000183208	70	89	76	34
ENSG00000183214	4	1	133	16
ENSG00000183230	0	11	5	0

ENSG00000183239	0	0	0	0
ENSG00000183246	12	20	0	8
ENSG00000183248	0	4	1	3
ENSG00000183249	0	0	0	0
ENSG00000183251	0	1	0	0
ENSG00000183255	5719	7956	8145	5600
ENSG00000183258	1046	1138	1219	1011
ENSG00000183260	41	70	47	60
ENSG00000183269	0	0	0	0
ENSG00000183273	2	9	0	0
ENSG00000183281	37	87	69	65
ENSG00000183283	3214	3846	4111	2926
ENSG00000183287	5416	6745	5330	5680
ENSG00000183291	3142	3112	3248	2740
ENSG00000183292	3	6	5	3
ENSG00000183298	1	0	2	0
ENSG00000183303	0	0	0	0
ENSG00000183304	1	1	1	1
ENSG00000183305	0	0	0	0
ENSG00000183307	11	5	11	8
ENSG00000183309	282	178	25	335
ENSG00000183310	0	0	0	0
ENSG00000183311	140	9776	42	0
ENSG00000183313	0	0	0	0
ENSG00000183317	0	11	2	2
ENSG00000183318	0	0	1	0
ENSG00000183323	167	213	95	156
ENSG00000183324	0	0	0	0
ENSG00000183336	115	158	134	90
ENSG00000183337	552	592	690	482
ENSG00000183340	405	420	401	349
ENSG00000183346	22	74	37	72
ENSG00000183347	1	3	1	2
ENSG00000183354	822	940	987	595
ENSG00000183378	2	0	4	4
ENSG00000183379	1	2	0	0
ENSG00000183386	422	397	451	410
ENSG00000183389	0	0	0	0
ENSG00000183395	7	3	7	4
ENSG00000183396	1	1	0	0
ENSG00000183397	62	57	45	39
ENSG00000183401	202	253	233	217
ENSG00000183421	0	0	1	0

ENSG00000183423	0	3	0	5
ENSG00000183426	756	1438	1760	1634
ENSG00000183431	1134	1486	1545	1135
ENSG00000183432	0	0	0	0
ENSG00000183434	0	1	0	0
ENSG00000183439	39	31	21	24
ENSG00000183444	31	67	86	38
ENSG00000183454	17	15	23	51
ENSG00000183458	439	589	952	1029
ENSG00000183463	0	0	0	0
ENSG00000183474	113	231	205	98
ENSG00000183475	399	481	432	351
ENSG00000183476	5	14	3	2
ENSG00000183479	24	25	25	26
ENSG00000183484	12	6	12	18
ENSG00000183486	99	128	149	131
ENSG00000183495	1427	1600	1695	1301
ENSG00000183496	450	233	308	236
ENSG00000183506	527	525	429	249
ENSG00000183508	179	202	181	106
ENSG00000183513	419	413	392	346
ENSG00000183514	0	0	0	0
ENSG00000183520	452	496	681	397
ENSG00000183527	276	320	403	300
ENSG00000183530	540	680	829	509
ENSG00000183542	0	0	0	0
ENSG00000183549	0	2	2	0
ENSG00000183559	0	0	0	0
ENSG00000183560	0	0	0	1
ENSG00000183566	0	0	0	0
ENSG00000183569	76	98	120	72
ENSG00000183570	117	146	42	77
ENSG00000183571	0	1	1	1
ENSG00000183574	42	69	73	63
ENSG00000183576	955	924	941	830
ENSG00000183578	628	520	298	607
ENSG00000183579	139	194	156	127
ENSG00000183580	624	610	695	400
ENSG00000183586	0	0	0	0
ENSG00000183597	349	518	629	503
ENSG00000183598	4	3	3	0
ENSG00000183604	97	130	121	131
ENSG00000183605	64	88	133	99

ENSG00000183607	0	0	0	0
ENSG00000183615	44	81	45	31
ENSG00000183617	189	240	222	171
ENSG00000183621	335	486	442	354
ENSG00000183624	354	386	323	310
ENSG00000183625	3	5	6	4
ENSG00000183628	44	29	42	35
ENSG00000183629	1	0	3	2
ENSG00000183631	0	0	0	0
ENSG00000183632	0	0	0	0
ENSG00000183638	45	37	42	18
ENSG00000183640	0	0	0	0
ENSG00000183644	5	27	6	4
ENSG00000183647	41	52	61	56
ENSG00000183648	501	548	477	391
ENSG00000183654	0	0	0	0
ENSG00000183655	138	120	144	75
ENSG00000183662	2	2	1	3
ENSG00000183663	0	0	0	0
ENSG00000183665	128	128	159	107
ENSG00000183666	238	190	263	158
ENSG00000183668	17	113	42	4
ENSG00000183671	337	512	303	209
ENSG00000183682	9	7	7	9
ENSG00000183684	453	457	461	320
ENSG00000183688	864	711	1065	998
ENSG00000183690	25	30	29	14
ENSG00000183691	3	8	2	2
ENSG00000183695	0	0	0	0
ENSG00000183696	165	98	198	173
ENSG00000183704	0	0	0	0
ENSG00000183706	0	0	0	0
ENSG00000183709	0	0	0	0
ENSG00000183715	0	0	2	0
ENSG00000183718	289	297	340	264
ENSG00000183722	2217	2717	2807	2149
ENSG00000183723	378	488	453	335
ENSG00000183726	1857	2170	2554	1748
ENSG00000183729	0	0	0	0
ENSG00000183733	0	0	0	0
ENSG00000183734	0	0	1	0
ENSG00000183735	716	757	847	558
ENSG00000183741	4219	3974	3412	4262

ENSG00000183742	34	53	72	34
ENSG00000183747	8	37	27	26
ENSG00000183751	581	563	543	410
ENSG00000183753	0	0	0	0
ENSG00000183760	10	6	6	6
ENSG00000183762	2751	3545	2707	2116
ENSG00000183763	38	44	29	37
ENSG00000183765	245	273	359	158
ENSG00000183770	1	2	0	2
ENSG00000183773	11	7	7	18
ENSG00000183775	114	103	113	93
ENSG00000183778	3	8	11	3
ENSG00000183779	1116	1308	927	1173
ENSG00000183780	0	0	1	0
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ENSG00000183784	7	4	12	12
ENSG00000183785	11	24	25	15
ENSG00000183791	0	0	0	0
ENSG00000183793	27	25	42	50
ENSG00000183795	0	0	0	0
ENSG00000183798	1	8	3	8
ENSG00000183801	1569	2408	1669	2076
ENSG00000183807	2	1	11	6
ENSG00000183808	400	504	542	487
ENSG00000183813	11	14	13	11
ENSG00000183814	57	52	57	59
ENSG00000183826	499	630	613	453
ENSG00000183828	110	130	73	107
ENSG00000183831	29	35	52	39
ENSG00000183833	17	3	9	20
ENSG00000183837	19	15	14	13
ENSG00000183840	8	31	17	6
ENSG00000183844	0	2	0	0
ENSG00000183850	10	6	9	1
ENSG00000183853	6698	7382	9622	6991
ENSG00000183856	69	40	29	40
ENSG00000183862	0	0	0	0
ENSG00000183864	2359	2268	2235	2015
ENSG00000183873	60	187	49	216
ENSG00000183876	293	432	629	132
ENSG00000183878	305	364	392	1
ENSG00000183888	8	8	6	9
ENSG00000183889	819	951	1081	1235

ENSG00000183891	78	62	51	58
ENSG00000183908	1	0	1	0
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ENSG00000183911	0	0	0	0
ENSG00000183914	14	24	18	7
ENSG00000183918	1	2	0	0
ENSG00000183921	1	1	4	0
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ENSG00000183935	226	339	336	158
ENSG00000183938	0	0	0	0
ENSG00000183943	227	317	413	218
ENSG00000183955	1163	1832	1584	1110
ENSG00000183960	8	4	34	0
ENSG00000183963	2433	2236	1849	1439
ENSG00000183971	6	1	6	4
ENSG00000183977	4	4	5	6
ENSG00000183978	391	489	510	372
ENSG00000183979	2	8	0	2
ENSG00000183981	0	0	0	0
ENSG00000184005	18	6	12	15
ENSG00000184007	3592	4039	4783	3136
ENSG00000184009	41551	63098	48515	46634
ENSG00000184012	3	2	4	1
ENSG00000184014	3264	3813	4035	2960
ENSG00000184022	0	0	0	0
ENSG00000184029	0	0	0	0
ENSG00000184032	0	0	0	0
ENSG00000184033	0	0	0	0
ENSG00000184047	702	849	916	569
ENSG00000184055	0	0	0	0
ENSG00000184056	227	403	356	228
ENSG00000184058	9	1	5	9
ENSG00000184060	27	54	19	27
ENSG00000184076	727	695	720	520
ENSG00000184083	399	446	374	401
ENSG00000184084	0	1	0	0
ENSG00000184100	0	0	0	0
ENSG00000184106	3	2	19	0
ENSG00000184108	0	0	0	0
ENSG00000184110	9739	9065	8709	5697
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ENSG00000184113	0	2	0	2
ENSG00000184117	934	1006	1080	622

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ENSG00000184140	0	0	0	0
ENSG00000184144	1	2	0	0
ENSG00000184148	0	0	0	0
ENSG00000184154	145	222	163	150
ENSG00000184155	0	0	0	0
ENSG00000184156	7	7	7	2
ENSG00000184160	1	2	3	0
ENSG00000184162	63	62	78	75
ENSG00000184163	10	20	6	17
ENSG00000184164	1208	939	782	503
ENSG00000184166	0	0	0	0
ENSG00000184178	342	352	271	335
ENSG00000184182	509	977	748	559
ENSG00000184185	39	42	25	23
ENSG00000184188	0	0	0	0
ENSG00000184194	108	158	205	143
ENSG00000184203	726	981	957	616
ENSG00000184205	740	1299	1166	816
ENSG00000184206	198	267	209	215
ENSG00000184207	163	191	180	119
ENSG00000184208	997	1266	997	870
ENSG00000184209	221	216	231	148
ENSG00000184210	0	0	0	1
ENSG00000184216	3235	2128	2556	1930
ENSG00000184220	155	150	187	142
ENSG00000184221	0	0	0	0
ENSG00000184226	39	69	67	54
ENSG00000184227	71	70	16	59
ENSG00000184232	1830	1245	1217	1136
ENSG00000184254	1974	3745	982	2711
ENSG00000184258	25	68	99	42
ENSG00000184260	1	3	1	1
ENSG00000184261	2	1	2	7
ENSG00000184270	0	0	0	0
ENSG00000184271	254	331	311	312
ENSG00000184276	1	1	1	2
ENSG00000184277	581	738	580	478
ENSG00000184281	415	362	331	271
ENSG00000184292	9	24	26	28
ENSG00000184293	0	0	0	2
ENSG00000184302	0	0	0	0
ENSG00000184303	0	0	0	0

ENSG00000184304	631	738	562	630
ENSG00000184305	2	2	2	1
ENSG00000184307	30	45	97	64
ENSG00000184313	18	24	19	23
ENSG00000184319	688	1101	1327	615
ENSG00000184321	0	0	0	0
ENSG00000184330	0	0	0	0
ENSG00000184343	43	48	141	18
ENSG00000184344	0	0	0	0
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ENSG00000184347	18648	24475	11667	17114
ENSG00000184349	273	300	241	185
ENSG00000184350	0	1	3	0
ENSG00000184351	0	0	0	0
ENSG00000184357	0	1	0	0
ENSG00000184361	0	2	1	1
ENSG00000184363	3	12	8	10
ENSG00000184368	5	7	0	5
ENSG00000184371	3138	2978	2931	2487
ENSG00000184374	18	36	32	15
ENSG00000184378	51	113	80	92
ENSG00000184381	278	297	265	305
ENSG00000184384	1049	1296	1413	893
ENSG00000184388	0	0	0	0
ENSG00000184389	0	0	1	0
ENSG00000184394	0	0	0	0
ENSG00000184402	221	267	273	201
ENSG00000184408	21	31	292	52
ENSG00000184414	0	1	1	0
ENSG00000184423	0	0	0	0
ENSG00000184428	304	302	246	251
ENSG00000184432	5023	5179	5176	3997
ENSG00000184434	8	6	5	5
ENSG00000184436	275	313	354	290
ENSG00000184445	281	306	245	219
ENSG00000184451	44	76	47	73
ENSG00000184454	9	15	8	7
ENSG00000184459	2	0	0	1
ENSG00000184465	474	536	455	305
ENSG00000184470	321	358	408	241
ENSG00000184471	0	0	0	0
ENSG00000184478	0	0	0	0
ENSG00000184481	593	553	780	477

ENSG00000184486	1	0	1	0
ENSG00000184489	19	34	26	12
ENSG00000184492	3	3	5	3
ENSG00000184494	206	182	199	179
ENSG00000184497	38	96	101	45
ENSG00000184500	1388	1250	816	1367
ENSG00000184502	0	0	0	0
ENSG00000184507	1	0	0	0
ENSG00000184508	126	171	135	101
ENSG00000184515	0	0	0	0
ENSG00000184517	216	264	244	149
ENSG00000184523	0	1	0	0
ENSG00000184524	42	47	60	40
ENSG00000184530	15	7	10	7
ENSG00000184544	0	0	0	0
ENSG00000184545	0	13	13	3
ENSG00000184557	1499	1426	1490	825
ENSG00000184560	0	1	0	0
ENSG00000184564	61	41	180	54
ENSG00000184571	2	0	1	1
ENSG00000184574	0	0	2	0
ENSG00000184575	4460	4560	4329	3951
ENSG00000184584	984	1476	951	999
ENSG00000184588	296	189	577	76
ENSG00000184599	2	2	4	2
ENSG00000184601	0	0	0	0
ENSG00000184602	767	638	859	590
ENSG00000184611	0	4	2	1
ENSG00000184612	2	2	0	1
ENSG00000184613	0	0	3	0
ENSG00000184616	1	3	7	5
ENSG00000184617	0	1	0	0
ENSG00000184619	92	64	75	63
ENSG00000184624	0	0	0	0
ENSG00000184634	1808	1581	1675	1362
ENSG00000184635	63	55	57	38
ENSG00000184640	12129	11228	11214	7590
ENSG00000184647	0	0	0	1
ENSG00000184650	0	0	0	0
ENSG00000184659	0	0	0	0
ENSG00000184661	60	42	43	45
ENSG00000184669	0	0	0	0
ENSG00000184672	3	5	2	1

ENSG00000184675	174	161	179	165
ENSG00000184677	915	987	1083	774
ENSG00000184678	123	209	335	156
ENSG00000184682	2	3	0	5
ENSG00000184697	2	2	8	2
ENSG00000184698	0	0	0	0
ENSG00000184702	478	456	472	495
ENSG00000184708	556	711	642	480
ENSG00000184709	0	0	0	0
ENSG00000184716	2	4	9	2
ENSG00000184719	161	183	246	110
ENSG00000184724	0	0	0	0
ENSG00000184730	3	3	1	3
ENSG00000184731	3	7	2	0
ENSG00000184735	0	0	3	0
ENSG00000184741	0	0	0	0
ENSG00000184743	2719	3132	2707	3073
ENSG00000184752	354	370	366	254
ENSG00000184761	0	0	0	0
ENSG00000184774	3	4	1	2
ENSG00000184785	192	283	270	214
ENSG00000184786	24	31	26	23
ENSG00000184787	1372	1750	1784	1245
ENSG00000184788	0	0	0	0
ENSG00000184789	0	0	0	0
ENSG00000184792	26	26	20	29
ENSG00000184795	0	0	0	0
ENSG00000184811	0	0	0	0
ENSG00000184814	0	0	0	0
ENSG00000184828	11	1	1	1
ENSG00000184831	100	88	68	62
ENSG00000184838	210	247	414	173
ENSG00000184840	3340	3707	3379	2647
ENSG00000184844	0	0	0	0
ENSG00000184845	0	3	3	0
ENSG00000184857	114	138	105	84
ENSG00000184860	2	27	11	33
ENSG00000184863	1092	1194	1012	974
ENSG00000184867	1758	2065	1976	1348
ENSG00000184881	0	0	0	0
ENSG00000184887	690	796	716	649
ENSG00000184895	1	8	0	0
ENSG00000184897	709	672	703	653

ENSG00000184898	792	1179	1040	972
ENSG00000184900	1644	1862	1831	1325
ENSG00000184903	84	137	144	97
ENSG00000184905	9	13	2	3
ENSG00000184908	3	7	9	5
ENSG00000184911	0	0	0	0
ENSG00000184916	47	56	56	57
ENSG00000184922	527	480	840	530
ENSG00000184923	61	148	12	97
ENSG00000184924	222	315	296	209
ENSG00000184925	0	1	1	0
ENSG00000184933	0	0	0	0
ENSG00000184937	0	0	1	1
ENSG00000184939	804	1244	868	764
ENSG00000184945	0	0	0	0
ENSG00000184949	45	109	133	92
ENSG00000184954	0	0	0	0
ENSG00000184956	0	0	0	0
ENSG00000184961	13	0	0	0
ENSG00000184967	174	159	182	138
ENSG00000184979	92	89	90	59
ENSG00000184983	21	101	206	161
ENSG00000184984	9	15	5	2
ENSG00000184985	46	33	18	53
ENSG00000184986	42	25	31	47
ENSG00000184988	74	118	131	65
ENSG00000184990	681	589	496	588
ENSG00000184992	143	127	106	122
ENSG00000184995	15	17	23	17
ENSG00000184999	0	0	0	0
ENSG00000185000	303	280	365	260
ENSG00000185002	0	0	0	0
ENSG00000185008	125	146	24	60
ENSG00000185009	1196	1407	1479	1063
ENSG00000185010	241	293	241	248
ENSG00000185013	13	39	23	32
ENSG00000185015	24	26	22	17
ENSG00000185019	262	298	246	221
ENSG00000185022	376	413	457	361
ENSG00000185024	529	652	623	462
ENSG00000185028	0	0	0	0
ENSG00000185031	2	0	2	3
ENSG00000185033	607	712	637	582

ENSG00000185037	0	0	0	0
ENSG00000185038	0	0	1	0
ENSG00000185040	12	16	7	20
ENSG00000185041	0	0	0	0
ENSG00000185043	833	861	772	710
ENSG00000185046	15	27	12	22
ENSG00000185049	447	452	419	401
ENSG00000185052	57	8	13	6
ENSG00000185053	4	0	1	0
ENSG00000185055	11	7	12	7
ENSG00000185056	0	0	0	0
ENSG00000185069	0	0	0	0
ENSG00000185070	1447	1289	1836	934
ENSG00000185074	0	0	0	0
ENSG00000185078	0	0	0	0
ENSG00000185085	539	491	496	482
ENSG00000185087	10	14	16	15
ENSG00000185088	3502	3134	3684	2506
ENSG00000185090	36	46	87	30
ENSG00000185100	224	168	157	215
ENSG00000185101	31	1	5	1
ENSG00000185104	839	770	793	641
ENSG00000185105	3	1	4	1
ENSG00000185112	439	344	356	326
ENSG00000185115	191	224	237	198
ENSG00000185122	940	1054	1257	1036
ENSG00000185127	1344	1555	1651	1287
ENSG00000185129	1329	1345	1421	1279
ENSG00000185130	1	0	2	2
ENSG00000185133	5	4	4	6
ENSG00000185149	0	0	0	0
ENSG00000185155	4	5	6	0
ENSG00000185156	0	0	0	0
ENSG00000185158	230	295	235	224
ENSG00000185163	305	248	242	126
ENSG00000185164	2584	3801	3047	2174
ENSG00000185176	0	0	0	0
ENSG00000185177	0	0	0	0
ENSG00000185182	0	2	0	0
ENSG00000185187	118	200	159	198
ENSG00000185189	1011	1506	1572	1080
ENSG00000185198	0	0	0	2
ENSG00000185201	2337	2809	2524	1919

ENSG00000185215	868	1406	1638	799
ENSG00000185219	464	486	399	368
ENSG00000185220	90	95	80	79
ENSG00000185221	0	0	0	0
ENSG00000185222	1961	2347	2908	2038
ENSG00000185231	0	0	1	4
ENSG00000185236	1708	1879	2047	1605
ENSG00000185238	220	239	277	196
ENSG00000185245	19	17	23	19
ENSG00000185246	663	640	751	530
ENSG00000185247	0	0	0	0
ENSG00000185250	49	51	101	46
ENSG00000185252	213	166	239	169
ENSG00000185261	88	76	102	72
ENSG00000185262	286	241	376	233
ENSG00000185264	0	0	0	0
ENSG00000185267	38	88	66	60
ENSG00000185269	1	0	2	4
ENSG00000185271	2	8	2	6
ENSG00000185272	2	0	1	0
ENSG00000185274	21	45	2	12
ENSG00000185275	0	0	0	0
ENSG00000185278	598	531	479	460
ENSG00000185290	2	2	4	5
ENSG00000185291	36	51	56	37
ENSG00000185294	0	0	0	0
ENSG00000185296	1	0	0	0
ENSG00000185298	330	491	368	361
ENSG00000185303	0	0	0	0
ENSG00000185304	19	90	231	93
ENSG00000185305	591	945	745	576
ENSG00000185306	7	9	21	11
ENSG00000185313	0	1	0	0
ENSG00000185319	0	0	0	0
ENSG00000185324	479	800	495	477
ENSG00000185332	4	10	4	2
ENSG00000185338	379	237	443	265
ENSG00000185339	383	524	220	339
ENSG00000185340	373	331	368	318
ENSG00000185344	425	556	477	424
ENSG00000185345	92	64	52	65
ENSG00000185347	20	34	21	40
ENSG00000185352	0	2	0	0

ENSG00000185359	1911	1909	2277	1437
ENSG00000185361	113	122	142	97
ENSG00000185372	0	0	0	0
ENSG00000185379	519	472	397	332
ENSG00000185385	0	1	4	0
ENSG00000185386	293	287	227	227
ENSG00000185390	0	0	0	0
ENSG00000185404	394	458	495	383
ENSG00000185414	523	378	439	312
ENSG00000185418	207	273	382	155
ENSG00000185420	324	354	320	266
ENSG00000185432	1436	1608	1259	1315
ENSG00000185436	0	0	1	0
ENSG00000185437	77	92	100	65
ENSG00000185442	82	72	20	88
ENSG00000185448	0	0	0	0
ENSG00000185453	318	396	360	279
ENSG00000185467	1	0	1	0
ENSG00000185475	548	591	681	453
ENSG00000185477	6	3	9	5
ENSG00000185479	0	0	0	0
ENSG00000185480	220	281	243	234
ENSG00000185482	17	19	28	12
ENSG00000185483	1167	1435	1056	1056
ENSG00000185485	309	330	367	284
ENSG00000185495	77	121	87	148
ENSG00000185499	278	568	236	201
ENSG00000185504	693	665	565	525
ENSG00000185507	91	29	73	37
ENSG00000185513	107	177	209	146
ENSG00000185515	449	446	458	343
ENSG00000185518	1	5	7	1
ENSG00000185519	3	2	5	2
ENSG00000185522	0	0	3	4
ENSG00000185523	2	6	1	2
ENSG00000185527	2	6	8	1
ENSG00000185532	1613	2153	2270	1758
ENSG00000185551	2074	2508	3300	2233
ENSG00000185559	0	1	2	4
ENSG00000185561	237	678	446	427
ENSG00000185565	2743	4358	3178	3589
ENSG00000185567	5072	5571	1623	7194
ENSG00000185585	1431	1394	3548	2564

ENSG00000185591	2034	2441	2471	1949
ENSG00000185594	0	0	0	0
ENSG00000185596	396	474	329	263
ENSG00000185607	1	3	0	0
ENSG00000185608	492	488	487	376
ENSG00000185610	0	0	0	0
ENSG00000185614	56	47	49	65
ENSG00000185615	0	0	1	3
ENSG00000185619	1176	1097	1339	825
ENSG00000185621	377	461	503	379
ENSG00000185624	18036	21690	22378	15446
ENSG00000185627	1335	1445	1214	1108
ENSG00000185630	5132	4686	3829	4030
ENSG00000185631	0	1	0	0
ENSG00000185633	302	344	144	480
ENSG00000185634	108	119	197	91
ENSG00000185638	0	0	0	0
ENSG00000185640	0	0	0	0
ENSG00000185641	5	2	0	2
ENSG00000185650	4999	4373	7426	4405
ENSG00000185651	1599	1928	1934	1355
ENSG00000185652	277	571	316	205
ENSG00000185658	1473	1561	1472	1290
ENSG00000185662	0	0	0	0
ENSG00000185664	30	28	5	22
ENSG00000185666	15	5	6	6
ENSG00000185668	0	1	0	1
ENSG00000185669	5	14	12	6
ENSG00000185670	71	130	68	65
ENSG00000185674	0	2	2	0
ENSG00000185681	1	1	2	2
ENSG00000185684	248	422	391	279
ENSG00000185686	0	0	0	0
ENSG00000185689	9	21	18	18
ENSG00000185697	47	173	116	90
ENSG00000185701	0	0	0	0
ENSG00000185710	101	82	23	45
ENSG00000185716	423	359	424	331
ENSG00000185721	635	713	695	529
ENSG00000185722	2390	2637	2505	2122
ENSG00000185728	2223	2650	3002	1953
ENSG00000185730	111	102	112	120
ENSG00000185736	2	1	4	4

ENSG00000185737	1	0	0	0
ENSG00000185739	3	12	11	9
ENSG00000185742	13	10	2	12
ENSG00000185745	606	535	286	380
ENSG00000185753	232	311	288	225
ENSG00000185758	0	1	0	0
ENSG00000185760	30	53	11	89
ENSG00000185761	386	559	265	524
ENSG00000185774	19	27	19	14
ENSG00000185775	0	0	0	0
ENSG00000185787	6668	9617	9109	6577
ENSG00000185792	0	1	0	1
ENSG00000185798	84	105	102	82
ENSG00000185800	700	884	823	732
ENSG00000185803	501	524	603	496
ENSG00000185808	173	234	317	167
ENSG00000185811	0	0	0	0
ENSG00000185813	370	462	354	316
ENSG00000185818	1	3	2	4
ENSG00000185821	0	0	0	0
ENSG00000185823	6	4	5	5
ENSG00000185825	1773	2319	2331	1510
ENSG00000185829	143	166	161	169
ENSG00000185834	3	1	2	0
ENSG00000185838	86	63	100	66
ENSG00000185839	2	2	1	0
ENSG00000185842	66	87	91	69
ENSG00000185860	1	3	8	1
ENSG00000185862	15	24	83	13
ENSG00000185863	0	0	1	0
ENSG00000185864	162	258	257	139
ENSG00000185869	94	154	140	111
ENSG00000185873	0	4	3	3
ENSG00000185875	88	94	94	94
ENSG00000185880	216	220	228	189
ENSG00000185883	1325	1741	1908	1397
ENSG00000185885	766	805	810	539
ENSG00000185888	0	0	0	0
ENSG00000185894	0	0	0	0
ENSG00000185896	11752	13631	12599	9392
ENSG00000185897	0	0	0	0
ENSG00000185899	0	0	0	0
ENSG00000185900	53	49	48	45

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ENSG00000185905	2	3	5	1
ENSG00000185909	482	531	478	471
ENSG00000185915	0	0	1	0
ENSG00000185917	259	421	374	323
ENSG00000185920	1366	1649	1104	497
ENSG00000185924	2	0	1	3
ENSG00000185926	0	0	0	0
ENSG00000185933	0	4	7	5
ENSG00000185940	0	0	0	0
ENSG00000185942	0	0	0	1
ENSG00000185946	577	485	510	374
ENSG00000185947	158	124	161	115
ENSG00000185950	904	925	848	847
ENSG00000185955	8	1	6	9
ENSG00000185958	5	5	3	4
ENSG00000185960	5	7	7	8
ENSG00000185962	0	0	0	0
ENSG00000185963	960	1147	1175	822
ENSG00000185966	0	0	0	0
ENSG00000185972	16	17	28	24
ENSG00000185973	291	376	315	219
ENSG00000185974	0	0	0	0
ENSG00000185982	0	0	0	0
ENSG00000185985	2	3	3	4
ENSG00000185986	68	120	58	77
ENSG00000185988	4	2	2	1
ENSG00000185989	560	535	725	447
ENSG00000186001	1464	2161	1817	1052
ENSG00000186007	0	0	0	2
ENSG00000186008	0	0	0	0
ENSG00000186009	0	0	0	1
ENSG00000186010	1592	1670	1499	1042
ENSG00000186017	206	184	152	194
ENSG00000186020	309	319	268	260
ENSG00000186026	119	108	118	116
ENSG00000186038	0	0	0	0
ENSG00000186047	0	1	0	0
ENSG00000186049	0	0	0	0
ENSG00000186051	1	1	1	1
ENSG00000186063	3634	3774	3727	3251
ENSG00000186073	376	443	430	407
ENSG00000186074	0	0	0	0

ENSG00000186075	6	5	2	1
ENSG00000186076	0	0	0	0
ENSG00000186081	0	1	0	0
ENSG00000186082	0	0	1	0
ENSG00000186086	0	0	0	0
ENSG00000186088	94	184	168	112
ENSG00000186090	0	0	0	0
ENSG00000186092	0	0	0	0
ENSG00000186094	5	3	3	2
ENSG00000186103	0	2	1	0
ENSG00000186104	176	166	187	185
ENSG00000186105	3	1	1	3
ENSG00000186106	89	127	168	104
ENSG00000186111	2440	2610	2607	2210
ENSG00000186113	0	0	0	0
ENSG00000186115	0	0	0	0
ENSG00000186117	0	0	0	0
ENSG00000186118	2	1	2	0
ENSG00000186119	0	0	0	0
ENSG00000186124	0	0	0	0
ENSG00000186130	276	284	243	206
ENSG00000186132	91	88	93	71
ENSG00000186136	1	0	0	0
ENSG00000186141	576	692	795	618
ENSG00000186143	0	0	0	0
ENSG00000186146	0	0	0	0
ENSG00000186150	1	2	0	1
ENSG00000186152	0	0	0	0
ENSG00000186153	212	227	281	180
ENSG00000186160	0	0	0	0
ENSG00000186162	155	204	253	174
ENSG00000186163	0	0	0	0
ENSG00000186166	91	94	99	84
ENSG00000186174	2881	2921	3776	2897
ENSG00000186184	929	932	982	888
ENSG00000186185	19	25	14	24
ENSG00000186187	684	758	749	594
ENSG00000186188	3	6	6	7
ENSG00000186190	0	0	0	0
ENSG00000186191	1	0	0	0
ENSG00000186193	2	5	8	5
ENSG00000186197	0	2	0	0
ENSG00000186198	105	50	77	38

ENSG00000186204	0	0	3	0
ENSG00000186205	178	108	124	67
ENSG00000186207	0	1	0	0
ENSG00000186212	1	5	6	1
ENSG00000186222	191	193	197	163
ENSG00000186223	0	0	0	0
ENSG00000186226	1	0	0	0
ENSG00000186230	78	36	51	45
ENSG00000186231	0	0	0	0
ENSG00000186232	0	0	0	0
ENSG00000186234	8	5	4	3
ENSG00000186244	0	0	0	0
ENSG00000186260	937	1172	747	738
ENSG00000186265	1	9	0	0
ENSG00000186268	0	0	0	0
ENSG00000186272	97	121	127	93
ENSG00000186280	23	25	17	20
ENSG00000186281	36	86	198	43
ENSG00000186283	638	665	505	633
ENSG00000186288	3	7	8	2
ENSG00000186297	1	1	0	1
ENSG00000186298	2061	2302	2204	1740
ENSG00000186300	170	165	152	135
ENSG00000186301	38	41	43	21
ENSG00000186306	0	0	0	0
ENSG00000186310	100	161	112	92
ENSG00000186312	126	134	135	150
ENSG00000186314	28	32	17	48
ENSG00000186318	3686	4220	5014	3213
ENSG00000186326	5	5	4	1
ENSG00000186328	0	0	0	0
ENSG00000186329	56	93	87	61
ENSG00000186334	3	4	1	5
ENSG00000186335	9	9	13	5
ENSG00000186340	21343	20110	13551	17464
ENSG00000186350	1876	1862	1657	1891
ENSG00000186352	149	91	96	88
ENSG00000186354	55	21	59	28
ENSG00000186364	72	98	61	74
ENSG00000186367	2	3	6	2
ENSG00000186376	420	494	395	403
ENSG00000186377	15	71	1	64
ENSG00000186393	0	1	1	1

ENSG00000186395	206	188	177	183
ENSG00000186399	102	155	112	76
ENSG00000186400	0	0	0	0
ENSG00000186407	1	7	3	0
ENSG00000186409	79	133	85	93
ENSG00000186416	144	163	138	129
ENSG00000186417	988	738	2416	414
ENSG00000186431	0	0	1	0
ENSG00000186432	2012	2056	3015	1688
ENSG00000186439	0	0	0	0
ENSG00000186440	0	0	0	0
ENSG00000186442	0	0	0	0
ENSG00000186446	49	37	41	52
ENSG00000186448	287	309	327	248
ENSG00000186451	1	1	0	2
ENSG00000186452	2	4	1	0
ENSG00000186453	0	5	7	5
ENSG00000186458	0	0	0	0
ENSG00000186462	23	41	13	93
ENSG00000186466	0	2	0	0
ENSG00000186468	14531	14462	11908	9627
ENSG00000186469	668	512	880	339
ENSG00000186470	442	789	756	679
ENSG00000186471	0	0	0	0
ENSG00000186472	0	8	0	1
ENSG00000186474	0	0	0	0
ENSG00000186479	0	0	9	0
ENSG00000186480	653	493	230	251
ENSG00000186481	2	8	12	3
ENSG00000186487	1	7	6	5
ENSG00000186493	74	108	25	213
ENSG00000186496	82	103	95	87
ENSG00000186501	596	814	803	582
ENSG00000186508	0	0	0	0
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ENSG00000186510	3	8	10	1
ENSG00000186513	0	0	0	0
ENSG00000186517	9	6	7	6
ENSG00000186522	2545	2755	3665	2515
ENSG00000186523	178	184	155	147
ENSG00000186526	2	5	8	7
ENSG00000186529	3	30	6	3
ENSG00000186532	226	328	312	249

ENSG00000186543	1	1	0	0
ENSG00000186562	0	0	0	0
ENSG00000186564	10	30	13	20
ENSG00000186566	1410	1980	1744	1447
ENSG00000186567	326	450	561	397
ENSG00000186572	0	0	0	0
ENSG00000186575	1409	2652	1705	1852
ENSG00000186577	363	331	358	334
ENSG00000186579	0	0	0	0
ENSG00000186583	0	0	0	0
ENSG00000186591	5352	7233	7871	5738
ENSG00000186599	0	0	0	0
ENSG00000186603	7	1	4	4
ENSG00000186625	398	424	489	327
ENSG00000186628	40	47	52	42
ENSG00000186635	3407	4177	3496	2841
ENSG00000186638	28	31	30	21
ENSG00000186642	0	5	8	4
ENSG00000186645	4	3	6	4
ENSG00000186648	1	1	1	7
ENSG00000186652	9	0	0	0
ENSG00000186654	433	538	263	431
ENSG00000186660	2339	2608	3086	2311
ENSG00000186665	331	390	338	310
ENSG00000186666	152	192	188	144
ENSG00000186675	1	0	0	0
ENSG00000186676	8	11	0	6
ENSG00000186678	0	0	0	0
ENSG00000186684	16	10	19	9
ENSG00000186687	395	391	625	385
ENSG00000186704	25	20	24	31
ENSG00000186710	1	0	0	1
ENSG00000186714	72	5	0	0
ENSG00000186715	36	41	33	30
ENSG00000186716	784	942	895	845
ENSG00000186723	0	0	0	0
ENSG00000186732	0	0	0	0
ENSG00000186743	0	0	0	0
ENSG00000186765	5	29	17	31
ENSG00000186766	0	0	0	0
ENSG00000186767	77	87	90	66
ENSG00000186777	2	3	2	1
ENSG00000186787	104	91	94	99

ENSG00000186788	0	0	0	0
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ENSG00000186792	39	74	39	38
ENSG00000186795	0	0	0	0
ENSG00000186803	0	0	0	0
ENSG00000186806	25	25	39	23
ENSG00000186810	0	0	0	0
ENSG00000186812	608	776	723	586
ENSG00000186814	480	717	767	478
ENSG00000186815	1372	1913	1831	1702
ENSG00000186818	0	0	0	0
ENSG00000186827	3	3	2	1
ENSG00000186831	0	1	0	0
ENSG00000186832	0	0	0	0
ENSG00000186834	1127	1259	1331	894
ENSG00000186838	1	3	3	0
ENSG00000186844	0	0	0	0
ENSG00000186847	0	1	0	0
ENSG00000186854	89	92	375	87
ENSG00000186860	0	0	0	0
ENSG00000186862	34	37	30	29
ENSG00000186866	1670	1993	2218	1553
ENSG00000186867	0	0	0	0
ENSG00000186868	51	11	23	15
ENSG00000186871	10	9	7	5
ENSG00000186881	0	0	0	0
ENSG00000186886	0	0	0	0
ENSG00000186889	96	115	103	76
ENSG00000186891	1	1	3	0
ENSG00000186895	0	0	0	0
ENSG00000186897	0	2	2	0
ENSG00000186907	162	120	78	65
ENSG00000186908	932	1065	1056	958
ENSG00000186910	0	0	0	0
ENSG00000186912	0	1	1	1
ENSG00000186918	2694	2369	2292	2383
ENSG00000186919	3	3	1	0
ENSG00000186924	0	0	0	0
ENSG00000186925	0	0	0	0
ENSG00000186930	0	0	0	0
ENSG00000186940	0	0	0	1
ENSG00000186943	0	0	0	0
ENSG00000186951	894	941	957	790

ENSG00000186952	74	86	52	102
ENSG00000186965	0	0	0	0
ENSG00000186967	0	0	0	0
ENSG00000186970	0	0	0	0
ENSG00000186971	0	0	0	0
ENSG00000186973	2	1	1	1
ENSG00000186976	109	93	121	73
ENSG00000186977	0	0	0	0
ENSG00000186980	0	0	0	0
ENSG00000186994	30	36	6	13
ENSG00000186998	10	9	8	5
ENSG00000187003	0	0	0	0
ENSG00000187005	0	0	0	2
ENSG00000187010	30	30	24	8
ENSG00000187017	0	0	1	3
ENSG00000187021	0	4	3	3
ENSG00000187024	95	110	92	112
ENSG00000187026	0	0	0	0
ENSG00000187033	1	1	1	0
ENSG00000187037	0	2	6	4
ENSG00000187045	2	3	0	5
ENSG00000187048	2	2	4	2
ENSG00000187049	167	205	242	158
ENSG00000187051	699	643	646	523
ENSG00000187054	0	0	0	0
ENSG00000187066	46	44	42	38
ENSG00000187068	14	20	9	13
ENSG00000187079	5851	7699	8561	5127
ENSG00000187080	0	0	0	0
ENSG00000187082	0	0	0	0
ENSG00000187091	698	841	538	492
ENSG00000187094	9	26	7	20
ENSG00000187097	375	416	412	338
ENSG00000187098	1189	1386	1663	1263
ENSG00000187103	0	0	0	0
ENSG00000187105	3	11	19	14
ENSG00000187109	11040	11619	11812	8930
ENSG00000187116	0	0	1	0
ENSG00000187118	152	149	225	142
ENSG00000187122	15	8	3	8
ENSG00000187123	4	9	16	6
ENSG00000187134	7422	9198	14221	6494
ENSG00000187135	0	0	0	0

ENSG00000187140	0	0	0	1
ENSG00000187144	3	3	4	4
ENSG00000187147	1112	1234	1240	881
ENSG00000187151	4	7	26	7
ENSG00000187164	157	187	201	191
ENSG00000187166	0	0	1	0
ENSG00000187170	0	1	0	0
ENSG00000187172	1	3	3	4
ENSG00000187173	2	7	3	2
ENSG00000187175	0	0	0	0
ENSG00000187180	1	2	1	0
ENSG00000187186	71	46	55	56
ENSG00000187187	60	61	77	84
ENSG00000187189	661	642	605	515
ENSG00000187191	0	0	0	0
ENSG00000187193	33	46	41	41
ENSG00000187210	1172	2149	760	1646
ENSG00000187223	0	0	0	0
ENSG00000187231	1555	1334	1796	1446
ENSG00000187238	0	0	0	0
ENSG00000187239	962	1810	1427	1670
ENSG00000187240	1733	2471	2055	1625
ENSG00000187242	0	0	0	0
ENSG00000187243	749	642	871	589
ENSG00000187244	586	876	538	649
ENSG00000187257	381	452	540	376
ENSG00000187258	0	0	0	0
ENSG00000187260	6	16	10	9
ENSG00000187266	192	156	153	137
ENSG00000187268	2	11	15	17
ENSG00000187272	0	0	0	0
ENSG00000187288	3	3	4	4
ENSG00000187323	12	7	5	5
ENSG00000187325	473	522	568	324
ENSG00000187372	70	101	183	61
ENSG00000187391	456	720	604	505
ENSG00000187398	2	5	7	1
ENSG00000187416	0	0	0	0
ENSG00000187446	2452	2337	2229	1885
ENSG00000187472	0	0	0	0
ENSG00000187474	1	0	1	0
ENSG00000187475	0	0	1	0
ENSG00000187479	16	49	44	45

ENSG00000187481	0	0	0	0
ENSG00000187483	0	0	0	0
ENSG00000187486	1	1	0	4
ENSG00000187492	5	12	8	11
ENSG00000187498	1087	1354	1992	1169
ENSG00000187504	0	1	0	0
ENSG00000187510	0	1	0	0
ENSG00000187513	0	0	0	0
ENSG00000187514	6798	9522	13677	7114
ENSG00000187516	0	0	0	0
ENSG00000187522	425	449	448	461
ENSG00000187527	0	0	0	0
ENSG00000187531	214	270	204	179
ENSG00000187533	2	1	2	0
ENSG00000187534	0	0	1	0
ENSG00000187535	835	998	870	810
ENSG00000187536	0	0	0	0
ENSG00000187537	0	0	0	0
ENSG00000187545	0	0	0	0
ENSG00000187546	3	7	2	4
ENSG00000187550	0	1	0	0
ENSG00000187553	3	5	3	4
ENSG00000187554	5	7	1	10
ENSG00000187555	1591	1988	2025	1625
ENSG00000187556	9	7	10	4
ENSG00000187559	1	0	0	0
ENSG00000187566	38	25	15	32
ENSG00000187569	0	0	0	0
ENSG00000187581	0	0	0	0
ENSG00000187583	14	12	14	13
ENSG00000187589	0	0	0	0
ENSG00000187595	6	9	10	6
ENSG00000187600	0	1	0	0
ENSG00000187601	456	509	445	417
ENSG00000187605	364	236	322	244
ENSG00000187607	306	291	372	271
ENSG00000187608	321	213	197	141
ENSG00000187609	186	181	177	167
ENSG00000187612	0	0	0	0
ENSG00000187616	0	0	0	0
ENSG00000187624	91	74	134	42
ENSG00000187626	151	149	172	122
ENSG00000187627	0	34	226	15

ENSG00000187630	263	266	301	265
ENSG00000187634	183	138	132	98
ENSG00000187642	1	3	10	5
ENSG00000187650	88	135	68	98
ENSG00000187653	0	4	2	5
ENSG00000187657	0	0	0	0
ENSG00000187658	0	0	0	0
ENSG00000187664	10	14	15	15
ENSG00000187672	2	4	1	0
ENSG00000187676	152	308	315	264
ENSG00000187678	108	101	104	137
ENSG00000187682	0	1	0	1
ENSG00000187686	2	5	3	2
ENSG00000187688	404	428	531	316
ENSG00000187689	0	0	0	0
ENSG00000187690	0	0	0	0
ENSG00000187695	0	0	1	3
ENSG00000187699	83	83	102	78
ENSG00000187701	0	0	0	0
ENSG00000187713	630	583	538	476
ENSG00000187714	0	0	0	0
ENSG00000187715	0	5	2	3
ENSG00000187720	3960	6439	3559	2572
ENSG00000187721	0	0	0	0
ENSG00000187726	6	9	3	6
ENSG00000187730	0	0	0	0
ENSG00000187733	0	0	0	0
ENSG00000187735	2909	3133	2701	2755
ENSG00000187736	206	257	212	197
ENSG00000187741	50	93	100	131
ENSG00000187742	625	745	822	572
ENSG00000187747	0	0	1	0
ENSG00000187753	0	4	3	2
ENSG00000187754	0	1	3	1
ENSG00000187758	43	235	232	197
ENSG00000187762	0	1	0	0
ENSG00000187763	0	0	0	0
ENSG00000187764	249	344	149	201
ENSG00000187766	0	0	0	0
ENSG00000187772	0	0	1	1
ENSG00000187773	0	0	0	0
ENSG00000187775	82	88	38	24
ENSG00000187778	700	837	890	650

ENSG00000187783	0	0	0	0
ENSG00000187790	160	221	203	110
ENSG00000187791	0	2	1	2
ENSG00000187792	192	186	183	173
ENSG00000187796	22	41	28	20
ENSG00000187800	54	104	126	223
ENSG00000187801	20	43	42	32
ENSG00000187806	0	0	0	0
ENSG00000187808	3	12	16	2
ENSG00000187812	0	0	0	0
ENSG00000187815	47	81	64	79
ENSG00000187821	0	0	0	0
ENSG00000187823	0	0	0	0
ENSG00000187824	146	202	126	199
ENSG00000187833	0	0	0	0
ENSG00000187837	88	299	289	171
ENSG00000187838	1469	1728	1630	1269
ENSG00000187840	343	357	393	275
ENSG00000187847	0	0	0	0
ENSG00000187848	6	6	0	3
ENSG00000187855	0	0	0	0
ENSG00000187857	0	0	0	0
ENSG00000187860	57	60	64	46
ENSG00000187862	0	0	0	0
ENSG00000187866	496	459	512	416
ENSG00000187867	4	14	5	3
ENSG00000187870	0	0	1	0
ENSG00000187871	0	0	0	3
ENSG00000187889	11	18	16	14
ENSG00000187893	1	0	3	0
ENSG00000187900	0	0	0	0
ENSG00000187902	2	2	2	1
ENSG00000187905	14	21	17	24
ENSG00000187908	0	1	1	0
ENSG00000187912	3	2	3	4
ENSG00000187918	0	0	0	0
ENSG00000187922	0	0	1	0
ENSG00000187942	23	45	22	36
ENSG00000187944	4	5	4	2
ENSG00000187950	10	21	8	3
ENSG00000187951	133	179	93	133
ENSG00000187952	2	8	0	6
ENSG00000187953	164	198	252	172

ENSG00000187954	1171	1020	1062	934
ENSG00000187955	10911	7459	5139	11089
ENSG00000187957	1	12	5	2
ENSG00000187959	1	0	1	0
ENSG00000187961	246	180	275	158
ENSG00000187969	0	0	0	0
ENSG00000187980	6	4	4	9
ENSG00000187984	9	6	10	3
ENSG00000187987	81	107	82	55
ENSG00000187988	0	0	0	0
ENSG00000187994	24	19	27	34
ENSG00000187997	2	7	1	8
ENSG00000187999	0	0	0	0
ENSG00000188000	9	16	7	7
ENSG00000188001	5	17	3	5
ENSG00000188002	113	156	188	156
ENSG00000188004	45	85	31	65
ENSG00000188010	180	213	200	153
ENSG00000188011	0	0	0	0
ENSG00000188013	18	20	24	6
ENSG00000188015	110	175	104	113
ENSG00000188021	1196	1391	1468	1116
ENSG00000188026	480	549	551	461
ENSG00000188029	0	0	0	0
ENSG00000188032	1	2	4	1
ENSG00000188033	46	72	65	45
ENSG00000188037	0	1	0	0
ENSG00000188038	2	6	4	2
ENSG00000188039	5	3	4	5
ENSG00000188042	1767	1854	1943	1181
ENSG00000188050	0	0	0	0
ENSG00000188051	9	10	13	10
ENSG00000188056	2	1	1	0
ENSG00000188060	65	79	91	72
ENSG00000188064	1	1	1	0
ENSG00000188069	0	0	0	0
ENSG00000188070	1418	1414	1501	1361
ENSG00000188076	0	0	0	0
ENSG00000188078	0	0	0	0
ENSG00000188086	0	0	0	0
ENSG00000188089	1	2	1	2
ENSG00000188092	209	230	252	180
ENSG00000188095	8	11	3	4

ENSG00000188100	0	1	0	0
ENSG00000188101	0	0	0	0
ENSG00000188107	19	21	33	25
ENSG00000188112	214	336	396	199
ENSG00000188120	0	0	0	0
ENSG00000188124	1	1	1	1
ENSG00000188130	484	543	465	433
ENSG00000188133	0	0	0	0
ENSG00000188152	9	9	12	8
ENSG00000188153	835	627	375	553
ENSG00000188155	0	0	0	0
ENSG00000188157	2403	2388	2835	1701
ENSG00000188158	586	491	609	482
ENSG00000188162	1	0	2	0
ENSG00000188163	4	0	2	4
ENSG00000188167	23	22	21	15
ENSG00000188171	151	214	213	171
ENSG00000188175	0	0	0	0
ENSG00000188176	209	113	32	73
ENSG00000188177	297	472	589	305
ENSG00000188186	752	690	647	569
ENSG00000188191	261	465	562	480
ENSG00000188199	30	96	25	29
ENSG00000188211	74	91	126	92
ENSG00000188215	457	534	538	392
ENSG00000188219	0	0	0	0
ENSG00000188223	120	98	63	75
ENSG00000188227	56	145	143	99
ENSG00000188229	2676	3105	2363	1327
ENSG00000188234	149	238	154	130
ENSG00000188243	1135	1093	1112	773
ENSG00000188257	51	174	27	34
ENSG00000188263	1	0	0	0
ENSG00000188266	72	79	70	72
ENSG00000188269	1	4	7	1
ENSG00000188277	40	39	37	46
ENSG00000188282	0	0	0	0
ENSG00000188283	290	283	263	275
ENSG00000188290	15	9	3	3
ENSG00000188293	0	0	0	0
ENSG00000188295	82	71	108	79
ENSG00000188305	4	1	3	2
ENSG00000188306	0	0	0	1

ENSG00000188312	209	208	189	257
ENSG00000188313	986	957	1275	884
ENSG00000188314	0	0	0	0
ENSG00000188315	190	196	192	149
ENSG00000188316	56	15	32	20
ENSG00000188321	224	249	287	166
ENSG00000188322	17	23	12	28
ENSG00000188324	0	0	0	0
ENSG00000188334	0	0	0	0
ENSG00000188338	4	2	2	5
ENSG00000188340	0	0	0	0
ENSG00000188342	324	375	506	274
ENSG00000188343	890	981	1329	875
ENSG00000188352	935	902	915	928
ENSG00000188368	21	24	24	12
ENSG00000188372	15	100	58	63
ENSG00000188373	0	0	0	0
ENSG00000188375	1	0	0	0
ENSG00000188379	0	0	0	0
ENSG00000188383	0	0	0	0
ENSG00000188385	18	25	40	4
ENSG00000188386	0	0	0	1
ENSG00000188388	13	0	11	16
ENSG00000188389	0	0	0	0
ENSG00000188393	0	0	0	0
ENSG00000188394	0	0	1	0
ENSG00000188396	6	3	4	9
ENSG00000188399	0	0	0	0
ENSG00000188403	0	0	0	0
ENSG00000188404	9	3	2	5
ENSG00000188408	0	0	0	0
ENSG00000188419	728	749	780	707
ENSG00000188425	0	0	0	0
ENSG00000188428	332	315	472	298
ENSG00000188438	0	0	0	0
ENSG00000188439	0	0	0	0
ENSG00000188451	0	1	0	0
ENSG00000188452	745	364	315	465
ENSG00000188459	0	0	1	1
ENSG00000188460	0	0	1	2
ENSG00000188467	0	0	1	0
ENSG00000188483	888	684	864	715
ENSG00000188486	225	249	218	217

ENSG00000188487	1	6	6	1
ENSG00000188488	6	1	4	12
ENSG00000188493	264	317	250	218
ENSG00000188501	14	106	34	33
ENSG00000188505	7	3	11	16
ENSG00000188508	0	1	1	1
ENSG00000188512	0	0	0	0
ENSG00000188517	2	3	15	10
ENSG00000188522	265	267	277	241
ENSG00000188523	0	1	1	0
ENSG00000188529	1492	1635	1705	1532
ENSG00000188536	0	0	0	0
ENSG00000188542	89	67	51	55
ENSG00000188549	1004	1336	1149	947
ENSG00000188554	5258	6496	6262	4718
ENSG00000188558	0	0	0	0
ENSG00000188559	368	307	366	248
ENSG00000188566	270	222	235	191
ENSG00000188573	21	33	3	11
ENSG00000188580	0	6	10	0
ENSG00000188581	0	0	0	0
ENSG00000188582	0	5	3	4
ENSG00000188596	101	138	174	97
ENSG00000188599	98	148	268	107
ENSG00000188603	546	544	595	489
ENSG00000188610	44	54	33	19
ENSG00000188611	106	74	47	28
ENSG00000188612	3036	3334	3342	2731
ENSG00000188613	32	50	18	32
ENSG00000188620	0	0	0	0
ENSG00000188624	0	1	1	0
ENSG00000188626	16	20	10	22
ENSG00000188629	14	39	63	25
ENSG00000188636	1318	1198	1147	942
ENSG00000188641	2155	2668	2789	2441
ENSG00000188643	1156	1359	918	1389
ENSG00000188646	0	0	0	0
ENSG00000188647	1390	1661	1874	1369
ENSG00000188649	6	9	7	7
ENSG00000188655	0	0	0	0
ENSG00000188656	0	0	0	0
ENSG00000188659	19	40	30	22
ENSG00000188662	0	1	0	1

ENSG00000188668	0	0	0	0
ENSG00000188672	7	27	6	9
ENSG00000188674	2	3	2	5
ENSG00000188676	2	3	5	8
ENSG00000188677	511	622	725	407
ENSG00000188681	227	120	67	221
ENSG00000188687	52	38	25	29
ENSG00000188690	831	1064	1124	689
ENSG00000188691	0	0	0	0
ENSG00000188694	0	0	0	0
ENSG00000188706	1104	1523	1363	1121
ENSG00000188707	3	12	5	10
ENSG00000188710	14	6	9	3
ENSG00000188712	0	0	0	0
ENSG00000188716	0	0	0	0
ENSG00000188725	891	1024	1020	905
ENSG00000188729	5	11	5	2
ENSG00000188730	0	2	5	3
ENSG00000188732	32	40	89	34
ENSG00000188735	506	558	524	507
ENSG00000188738	140	258	240	173
ENSG00000188739	461	642	518	410
ENSG00000188747	27	26	24	26
ENSG00000188755	0	0	1	0
ENSG00000188760	116	129	145	115
ENSG00000188761	6	12	12	3
ENSG00000188763	4	10	12	9
ENSG00000188765	0	1	0	3
ENSG00000188766	51	107	95	100
ENSG00000188770	3	1	4	2
ENSG00000188771	0	1	2	0
ENSG00000188778	1	0	2	3
ENSG00000188779	4	6	4	5
ENSG00000188782	0	0	0	0
ENSG00000188783	11366	21068	11909	14096
ENSG00000188784	0	0	0	0
ENSG00000188785	248	294	226	205
ENSG00000188786	517	539	629	435
ENSG00000188800	0	2	0	0
ENSG00000188801	0	0	0	0
ENSG00000188803	0	0	0	0
ENSG00000188807	147	147	145	121
ENSG00000188811	602	813	625	682

ENSG00000188816	0	0	1	0
ENSG00000188817	9	10	2	0
ENSG00000188818	23	37	47	28
ENSG00000188820	6	14	3	11
ENSG00000188822	4	3	4	7
ENSG00000188827	299	382	422	267
ENSG00000188828	0	1	0	0
ENSG00000188831	0	1	0	0
ENSG00000188833	2	5	0	1
ENSG00000188846	10472	11308	11214	7886
ENSG00000188848	0	0	0	4
ENSG00000188850	1	0	0	0
ENSG00000188856	1	0	0	0
ENSG00000188859	14	2	5	5
ENSG00000188868	60	65	63	48
ENSG00000188869	56	38	34	36
ENSG00000188873	1	0	0	0
ENSG00000188877	0	0	0	0
ENSG00000188878	216	248	232	194
ENSG00000188883	0	1	0	0
ENSG00000188886	0	0	0	0
ENSG00000188895	2294	2722	3190	1808
ENSG00000188897	20	27	17	19
ENSG00000188906	707	919	1032	998
ENSG00000188909	0	0	0	0
ENSG00000188910	0	0	0	0
ENSG00000188916	20	19	19	14
ENSG00000188917	322	277	174	201
ENSG00000188921	573	951	852	687
ENSG00000188931	0	0	0	0
ENSG00000188933	121	760	1082	749
ENSG00000188937	0	0	0	0
ENSG00000188938	651	771	725	629
ENSG00000188958	40	64	59	53
ENSG00000188959	1	0	4	1
ENSG00000188976	1061	1198	1381	770
ENSG00000188981	6	1	11	4
ENSG00000188984	1	1	1	0
ENSG00000188985	14	1	5	11
ENSG00000188986	1354	1308	1244	1070
ENSG00000188991	0	0	1	0
ENSG00000188992	0	3	1	2
ENSG00000188993	32	18	49	23

ENSG00000188994	1226	1437	1512	1122
ENSG00000188996	0	0	0	0
ENSG00000188997	661	528	594	444
ENSG00000189001	150	367	435	412
ENSG00000189002	0	0	0	0
ENSG00000189007	169	345	289	233
ENSG00000189013	0	0	0	0
ENSG00000189014	10	16	10	6
ENSG00000189023	0	0	0	0
ENSG00000189030	0	0	0	0
ENSG00000189037	0	0	0	0
ENSG00000189042	84	153	212	102
ENSG00000189043	1611	1852	1867	1228
ENSG00000189045	16	10	13	15
ENSG00000189046	174	166	156	118
ENSG00000189050	188	198	218	204
ENSG00000189051	4	2	4	4
ENSG00000189052	0	0	0	0
ENSG00000189056	49	146	206	84
ENSG00000189057	38	22	30	19
ENSG00000189058	429	374	162	331
ENSG00000189060	1686	3440	2030	1707
ENSG00000189064	0	0	0	0
ENSG00000189067	5590	6732	8280	6001
ENSG00000189068	0	0	0	0
ENSG00000189077	424	469	437	295
ENSG00000189079	830	781	921	522
ENSG00000189089	1	1	2	0
ENSG00000189090	0	0	0	0
ENSG00000189091	3242	3066	3169	2400
ENSG00000189099	0	0	0	0
ENSG00000189108	0	2	0	2
ENSG00000189114	243	247	268	202
ENSG00000189120	5	0	4	5
ENSG00000189127	0	0	0	0
ENSG00000189129	527	903	327	571
ENSG00000189132	0	0	0	0
ENSG00000189134	13	40	6	30
ENSG00000189136	119	187	170	108
ENSG00000189139	0	0	0	0
ENSG00000189143	17	26	30	31
ENSG00000189144	51	75	86	71
ENSG00000189145	0	0	0	0

ENSG00000189152	0	4	0	2
ENSG00000189157	42	80	44	63
ENSG00000189159	491	544	578	331
ENSG00000189164	111	144	164	107
ENSG00000189166	0	1	0	0
ENSG00000189167	0	0	0	1
ENSG00000189169	0	0	0	0
ENSG00000189171	1218	2326	2106	2043
ENSG00000189180	561	731	785	494
ENSG00000189181	0	0	0	0
ENSG00000189182	0	0	0	0
ENSG00000189184	9192	9904	7939	9134
ENSG00000189186	0	0	0	0
ENSG00000189190	72	169	131	75
ENSG00000189195	47	38	23	28
ENSG00000189212	51	38	47	47
ENSG00000189221	494	532	606	237
ENSG00000189227	125	185	115	122
ENSG00000189233	12	20	18	13
ENSG00000189241	2049	2301	2306	1941
ENSG00000189252	0	0	0	0
ENSG00000189253	0	0	0	0
ENSG00000189266	1425	1591	1582	1666
ENSG00000189269	8	5	3	6
ENSG00000189280	2	0	1	1
ENSG00000189283	39	38	44	47
ENSG00000189292	1	6	2	1
ENSG00000189298	165	237	194	148
ENSG00000189299	0	0	0	0
ENSG00000189306	644	648	789	879
ENSG00000189308	335	442	445	362
ENSG00000189319	503	502	431	344
ENSG00000189320	983	1127	955	1039
ENSG00000189325	0	0	0	0
ENSG00000189326	0	0	0	0
ENSG00000189332	117	91	89	79
ENSG00000189334	2	5	1	3
ENSG00000189337	783	938	904	743
ENSG00000189339	4084	4222	3876	3014
ENSG00000189343	85	38	64	7
ENSG00000189348	0	0	0	0
ENSG00000189350	16	57	37	30
ENSG00000189357	0	0	0	0

ENSG00000189362	183	124	210	128
ENSG00000189366	0	0	0	2
ENSG00000189367	108	178	256	103
ENSG00000189369	325	378	388	330
ENSG00000189372	0	0	0	0
ENSG00000189375	0	0	0	0
ENSG00000189376	252	291	344	189
ENSG00000189377	0	0	0	0
ENSG00000189393	1	0	0	1
ENSG00000189398	78	104	146	72
ENSG00000189401	2	1	1	0
ENSG00000189403	3846	4504	5470	3430
ENSG00000189409	118	78	104	101
ENSG00000189410	35	57	44	78
ENSG00000189420	23	5	23	20
ENSG00000189423	3	9	2	0
ENSG00000189430	0	0	0	0
ENSG00000189431	0	0	0	0
ENSG00000189433	0	0	0	0
ENSG00000196071	1	0	7	0
ENSG00000196072	636	730	555	597
ENSG00000196074	24	43	39	29
ENSG00000196081	10	19	22	11
ENSG00000196083	195	212	249	218
ENSG00000196085	0	0	0	0
ENSG00000196090	0	0	0	0
ENSG00000196091	0	1	0	4
ENSG00000196092	1	5	3	0
ENSG00000196098	0	0	0	0
ENSG00000196099	0	1	0	0
ENSG00000196101	0	0	0	0
ENSG00000196104	3	0	2	7
ENSG00000196109	0	0	0	2
ENSG00000196110	62	49	78	86
ENSG00000196114	1	1	1	0
ENSG00000196115	0	0	0	0
ENSG00000196116	310	330	339	246
ENSG00000196118	66	53	26	43
ENSG00000196119	0	0	0	0
ENSG00000196123	555	578	326	280
ENSG00000196126	2	1	0	0
ENSG00000196131	7	7	10	9
ENSG00000196132	0	0	0	0

ENSG00000196136	238	161	137	87
ENSG00000196139	1193	882	803	892
ENSG00000196141	4096	4948	5571	3653
ENSG00000196143	0	0	0	0
ENSG00000196150	197	232	204	176
ENSG00000196151	101	104	166	164
ENSG00000196152	175	189	194	173
ENSG00000196154	4131	5797	3007	4522
ENSG00000196155	390	312	340	394
ENSG00000196156	0	0	0	0
ENSG00000196159	2612	2791	2797	2400
ENSG00000196166	4	2	8	9
ENSG00000196169	2	4	2	2
ENSG00000196171	0	0	0	0
ENSG00000196172	47	43	41	29
ENSG00000196177	440	680	801	541
ENSG00000196182	749	758	992	553
ENSG00000196183	1	0	2	5
ENSG00000196184	0	0	0	0
ENSG00000196187	829	798	991	596
ENSG00000196188	0	1	0	0
ENSG00000196189	31	85	31	33
ENSG00000196196	33	18	10	7
ENSG00000196199	1176	1556	1709	1282
ENSG00000196204	274	301	285	214
ENSG00000196205	237	191	220	176
ENSG00000196208	15	35	26	22
ENSG00000196209	2	3	4	0
ENSG00000196214	314	388	331	347
ENSG00000196218	1	2	45	16
ENSG00000196220	137	206	190	108
ENSG00000196224	0	0	0	0
ENSG00000196227	280	487	451	363
ENSG00000196228	0	0	0	0
ENSG00000196230	3795	2076	3121	1003
ENSG00000196231	0	0	0	0
ENSG00000196233	375	367	430	336
ENSG00000196235	2261	3424	4069	2534
ENSG00000196236	281	447	431	263
ENSG00000196240	0	0	0	0
ENSG00000196242	149	200	152	177
ENSG00000196247	93	112	173	150
ENSG00000196248	0	0	0	0

ENSG00000196260	0	1	2	1
ENSG00000196262	9093	11158	10228	7291
ENSG00000196263	282	576	605	284
ENSG00000196266	0	0	0	0
ENSG00000196267	123	145	160	113
ENSG00000196268	177	201	188	204
ENSG00000196275	411	468	578	379
ENSG00000196277	3	3	5	3
ENSG00000196284	85	93	153	82
ENSG00000196289	0	0	0	0
ENSG00000196290	273	359	350	244
ENSG00000196296	18	19	22	11
ENSG00000196301	0	0	0	0
ENSG00000196302	0	0	0	0
ENSG00000196305	3370	4737	3953	3788
ENSG00000196312	48	52	50	39
ENSG00000196313	928	1123	1114	934
ENSG00000196323	2266	2491	2995	1741
ENSG00000196329	0	0	0	0
ENSG00000196335	3	5	16	9
ENSG00000196337	4	4	4	2
ENSG00000196338	48	43	58	59
ENSG00000196341	0	0	0	0
ENSG00000196344	0	2	68	1
ENSG00000196345	59	57	114	45
ENSG00000196350	0	0	0	0
ENSG00000196352	1096	1508	1924	993
ENSG00000196353	1	0	1	1
ENSG00000196357	51	77	82	41
ENSG00000196358	58	99	84	64
ENSG00000196361	0	0	0	1
ENSG00000196363	626	630	647	502
ENSG00000196364	0	0	0	0
ENSG00000196365	1479	1482	1407	1215
ENSG00000196367	2300	2353	2621	2116
ENSG00000196368	223	230	230	253
ENSG00000196369	1275	876	759	797
ENSG00000196371	293	247	207	219
ENSG00000196372	210	247	199	206
ENSG00000196376	2	5	3	0
ENSG00000196378	81	79	54	52
ENSG00000196381	8	33	24	14
ENSG00000196383	0	0	0	0

ENSG00000196387	259	254	289	181
ENSG00000196388	79	106	76	81
ENSG00000196390	0	0	0	0
ENSG00000196391	37	110	79	110
ENSG00000196395	0	0	0	0
ENSG00000196396	752	882	1069	697
ENSG00000196403	1	0	1	0
ENSG00000196405	1016	1235	1095	970
ENSG00000196406	0	0	0	0
ENSG00000196407	12	37	12	25
ENSG00000196408	0	3	2	2
ENSG00000196411	1933	1519	1911	1290
ENSG00000196415	0	0	0	0
ENSG00000196417	169	215	215	152
ENSG00000196418	41	61	57	28
ENSG00000196419	5054	5710	5426	4060
ENSG00000196420	0	4	3	1
ENSG00000196422	238	254	303	226
ENSG00000196427	0	0	0	0
ENSG00000196428	774	1297	1331	671
ENSG00000196431	0	0	0	0
ENSG00000196433	0	2	1	0
ENSG00000196436	4	2	1	42
ENSG00000196437	99	161	160	108
ENSG00000196440	351	326	398	250
ENSG00000196449	99	97	100	72
ENSG00000196453	347	406	433	322
ENSG00000196455	759	763	788	554
ENSG00000196456	132	89	144	88
ENSG00000196458	479	642	786	508
ENSG00000196459	285	313	237	376
ENSG00000196460	201	243	165	184
ENSG00000196465	942	1256	1289	838
ENSG00000196466	59	63	64	42
ENSG00000196468	0	1	0	0
ENSG00000196470	423	479	504	352
ENSG00000196472	0	0	0	0
ENSG00000196475	0	0	0	0
ENSG00000196476	170	193	151	132
ENSG00000196482	6	6	4	3
ENSG00000196497	656	604	599	509
ENSG00000196498	4148	5154	4835	4210
ENSG00000196502	63	95	96	58

ENSG00000196503	7	6	8	8
ENSG00000196504	1991	2116	2614	1831
ENSG00000196505	258	276	373	193
ENSG00000196507	544	823	920	554
ENSG00000196510	632	836	844	599
ENSG00000196511	70	127	71	77
ENSG00000196517	368	495	443	424
ENSG00000196526	2338	3189	2939	2504
ENSG00000196531	7969	10241	10158	6856
ENSG00000196534	0	0	0	0
ENSG00000196535	2403	2693	1872	2949
ENSG00000196539	0	0	0	0
ENSG00000196542	0	0	0	1
ENSG00000196544	118	137	110	92
ENSG00000196547	1072	1219	1380	1054
ENSG00000196549	9377	14313	13730	8938
ENSG00000196550	32	53	27	32
ENSG00000196557	211	2	41	14
ENSG00000196562	5975	3930	2525	1758
ENSG00000196564	0	0	5	0
ENSG00000196565	3	6	13	3
ENSG00000196569	6122	10249	5454	7844
ENSG00000196570	0	0	0	0
ENSG00000196576	14895	12189	13431	10438
ENSG00000196578	0	0	0	0
ENSG00000196581	0	0	2	1
ENSG00000196584	43	49	43	49
ENSG00000196586	1403	1344	1845	1590
ENSG00000196588	907	1012	1154	802
ENSG00000196591	1505	1573	1968	1302
ENSG00000196593	15	20	27	24
ENSG00000196597	46	51	47	51
ENSG00000196600	3	9	6	5
ENSG00000196604	2	0	0	0
ENSG00000196605	151	196	247	169
ENSG00000196610	0	0	0	0
ENSG00000196611	335	980	1975	644
ENSG00000196616	28228	33946	34834	26503
ENSG00000196620	0	1	2	2
ENSG00000196628	1997	2049	2323	2055
ENSG00000196632	36	32	22	35
ENSG00000196636	127	113	65	68
ENSG00000196639	894	962	955	761

ENSG00000196642	1287	1274	1161	1099
ENSG00000196646	141	198	185	126
ENSG00000196652	425	594	482	358
ENSG00000196653	42	52	64	47
ENSG00000196655	232	267	262	212
ENSG00000196656	3054	2916	1211	741
ENSG00000196659	116	126	129	97
ENSG00000196660	3	3	2	2
ENSG00000196661	0	0	0	0
ENSG00000196663	1417	1482	1474	1118
ENSG00000196664	1	1	4	0
ENSG00000196666	4	11	7	9
ENSG00000196670	392	546	531	384
ENSG00000196678	294	414	267	350
ENSG00000196683	2917	2735	2058	1819
ENSG00000196684	5	4	6	3
ENSG00000196689	116	164	131	108
ENSG00000196693	261	439	367	260
ENSG00000196700	1104	1051	1253	906
ENSG00000196704	1007	1397	1133	949
ENSG00000196705	193	260	359	220
ENSG00000196711	17	19	26	6
ENSG00000196712	2258	2886	3581	2429
ENSG00000196715	784	916	980	723
ENSG00000196724	66	86	89	107
ENSG00000196730	2405	2762	1112	1848
ENSG00000196734	0	1	0	0
ENSG00000196735	11	15	15	23
ENSG00000196739	646	634	927	458
ENSG00000196743	1306	1493	1500	1192
ENSG00000196747	4	5	3	5
ENSG00000196748	0	0	0	0
ENSG00000196754	23	16	28	21
ENSG00000196757	130	162	167	137
ENSG00000196767	0	0	0	0
ENSG00000196772	0	0	0	0
ENSG00000196776	2294	2792	3082	2432
ENSG00000196778	0	0	1	0
ENSG00000196781	674	880	772	814
ENSG00000196782	124	167	247	119
ENSG00000196787	44	36	49	39
ENSG00000196792	839	805	880	686
ENSG00000196793	49	61	91	45

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ENSG00000196800	0	0	0	0
ENSG00000196805	0	0	0	0
ENSG00000196811	0	3	2	0
ENSG00000196812	29	29	37	26
ENSG00000196814	230	210	273	151
ENSG00000196821	1913	2298	2387	1956
ENSG00000196826	0	0	0	22
ENSG00000196832	0	0	0	0
ENSG00000196834	3	3	9	7
ENSG00000196839	91	137	318	104
ENSG00000196843	438	382	352	368
ENSG00000196844	6	6	8	6
ENSG00000196850	362	327	428	247
ENSG00000196859	0	0	0	0
ENSG00000196860	0	3	1	1
ENSG00000196862	7	0	0	0
ENSG00000196865	654	657	617	563
ENSG00000196866	2	0	0	0
ENSG00000196867	289	307	332	254
ENSG00000196872	0	1	0	1
ENSG00000196873	184	225	167	82
ENSG00000196876	714	1220	785	686
ENSG00000196878	240	370	462	206
ENSG00000196890	5	11	12	9
ENSG00000196900	0	0	0	0
ENSG00000196911	228	221	371	186
ENSG00000196912	172	162	205	185
ENSG00000196914	5734	6262	6767	4973
ENSG00000196917	19	35	27	25
ENSG00000196922	485	684	258	382
ENSG00000196923	2441	4285	3171	2556
ENSG00000196924	61392	76376	56648	48713
ENSG00000196932	98	121	158	146
ENSG00000196933	1	1	0	0
ENSG00000196935	2130	1935	2567	1260
ENSG00000196936	0	0	0	0
ENSG00000196937	826	1396	1061	1274
ENSG00000196943	1003	1021	999	817
ENSG00000196944	0	0	0	0
ENSG00000196946	5	1	6	9
ENSG00000196950	873	1306	1053	1318
ENSG00000196954	774	907	927	703

ENSG00000196961	3743	4392	4746	3330
ENSG00000196967	288	395	299	287
ENSG00000196968	639	787	718	660
ENSG00000196970	0	0	0	0
ENSG00000196972	21	41	22	23
ENSG00000196975	3369	3550	3566	2774
ENSG00000196976	226	187	172	151
ENSG00000196981	181	183	182	161
ENSG00000196990	0	0	0	0
ENSG00000196993	0	13	20	12
ENSG00000196998	1170	1260	1259	911
ENSG00000197006	2017	2280	2512	1760
ENSG00000197008	118	94	98	65
ENSG00000197013	125	156	119	119
ENSG00000197016	299	313	423	219
ENSG00000197019	252	270	240	200
ENSG00000197020	37	40	48	23
ENSG00000197021	262	345	218	277
ENSG00000197023	0	0	0	0
ENSG00000197024	290	334	330	257
ENSG00000197037	199	259	223	261
ENSG00000197038	0	0	0	0
ENSG00000197043	10368	12288	10622	8361
ENSG00000197044	229	285	217	221
ENSG00000197045	1543	1651	1664	1545
ENSG00000197046	9	26	13	14
ENSG00000197050	99	163	125	113
ENSG00000197054	32	81	92	33
ENSG00000197056	192	269	293	276
ENSG00000197057	0	0	0	0
ENSG00000197061	0	0	2	0
ENSG00000197062	390	533	559	387
ENSG00000197063	965	884	865	764
ENSG00000197067	0	0	0	1
ENSG00000197070	271	316	262	243
ENSG00000197077	15	15	22	26
ENSG00000197079	0	0	0	0
ENSG00000197081	14551	12788	15734	11597
ENSG00000197083	45	56	35	26
ENSG00000197084	0	0	0	0
ENSG00000197092	0	0	0	0
ENSG00000197093	714	534	527	389
ENSG00000197102	20231	18168	22862	15240

ENSG00000197106	1	15	5	3
ENSG00000197110	0	0	0	0
ENSG00000197111	7978	10253	10466	7236
ENSG00000197114	331	323	355	297
ENSG00000197119	572	637	598	519
ENSG00000197121	374	492	468	423
ENSG00000197122	1099	1349	1419	1156
ENSG00000197123	0	0	0	0
ENSG00000197124	44	55	72	64
ENSG00000197125	0	0	0	0
ENSG00000197128	99	210	193	123
ENSG00000197134	7	27	5	15
ENSG00000197136	1312	1394	1470	986
ENSG00000197140	82	146	128	90
ENSG00000197142	129	134	124	139
ENSG00000197147	34	25	39	25
ENSG00000197149	2	1	8	1
ENSG00000197150	616	667	626	524
ENSG00000197153	0	1	0	0
ENSG00000197157	4458	5436	5652	4155
ENSG00000197161	0	0	0	0
ENSG00000197162	184	216	251	206
ENSG00000197165	10	13	13	9
ENSG00000197168	19	23	19	21
ENSG00000197170	818	820	1006	585
ENSG00000197171	0	0	0	0
ENSG00000197172	0	0	0	0
ENSG00000197177	0	0	0	0
ENSG00000197181	7	21	5	5
ENSG00000197183	196	218	278	173
ENSG00000197185	0	0	0	0
ENSG00000197191	14	22	28	11
ENSG00000197208	37	28	41	32
ENSG00000197213	0	0	0	1
ENSG00000197214	0	0	0	0
ENSG00000197217	1423	1714	1793	1131
ENSG00000197223	247	196	259	225
ENSG00000197226	5372	5176	5633	4169
ENSG00000197233	1	0	0	0
ENSG00000197238	4	21	28	8
ENSG00000197241	0	1	0	0
ENSG00000197245	4	2	4	5
ENSG00000197249	1	0	1	0

ENSG00000197253	1	1	2	0
ENSG00000197254	0	0	0	0
ENSG00000197256	16053	19876	18329	15683
ENSG00000197258	3	1	15	1
ENSG00000197261	2	7	3	5
ENSG00000197263	0	0	0	0
ENSG00000197265	466	531	609	432
ENSG00000197272	0	0	0	0
ENSG00000197273	0	0	0	0
ENSG00000197275	58	66	52	78
ENSG00000197279	7	22	16	12
ENSG00000197283	558	702	555	495
ENSG00000197296	309	325	355	240
ENSG00000197299	9	24	10	7
ENSG00000197302	275	296	279	250
ENSG00000197309	0	0	0	0
ENSG00000197312	389	457	493	444
ENSG00000197320	0	0	0	0
ENSG00000197321	11216	13897	12896	10395
ENSG00000197323	832	1136	1290	794
ENSG00000197324	11128	14477	15003	10440
ENSG00000197329	123	134	89	80
ENSG00000197343	1376	1429	1478	1165
ENSG00000197345	410	284	338	235
ENSG00000197353	0	0	0	0
ENSG00000197355	995	627	774	746
ENSG00000197358	5	0	3	5
ENSG00000197360	0	0	1	0
ENSG00000197361	13	35	20	10
ENSG00000197362	88	87	102	95
ENSG00000197363	208	237	189	175
ENSG00000197364	0	0	0	0
ENSG00000197372	93	113	118	64
ENSG00000197375	108	164	184	186
ENSG00000197376	3	1	2	0
ENSG00000197380	407	373	437	375
ENSG00000197381	268	1107	889	636
ENSG00000197385	3	13	5	7
ENSG00000197386	2113	2420	1840	1525
ENSG00000197403	0	0	0	0
ENSG00000197405	28	27	27	24
ENSG00000197406	29	41	13	45
ENSG00000197408	2	1	4	2

ENSG00000197409	0	2	3	1
ENSG00000197410	11	7	6	5
ENSG00000197415	219	811	699	477
ENSG00000197416	0	0	0	0
ENSG00000197417	229	208	224	287
ENSG00000197421	0	0	0	0
ENSG00000197428	0	0	0	0
ENSG00000197429	260	324	308	273
ENSG00000197430	0	0	0	0
ENSG00000197437	0	0	0	0
ENSG00000197442	1129	1330	1681	1022
ENSG00000197444	1	0	1	1
ENSG00000197446	4	1	10	4
ENSG00000197448	1941	2368	2439	1651
ENSG00000197451	1017	962	1286	873
ENSG00000197454	0	0	0	0
ENSG00000197457	525	780	396	569
ENSG00000197461	64	62	52	33
ENSG00000197465	45	42	50	31
ENSG00000197467	146	102	160	154
ENSG00000197468	0	0	0	0
ENSG00000197471	28	19	16	20
ENSG00000197472	2	13	24	4
ENSG00000197475	1	0	3	3
ENSG00000197476	0	0	0	0
ENSG00000197479	21	26	38	21
ENSG00000197483	110	96	120	56
ENSG00000197487	0	0	0	0
ENSG00000197496	1754	2143	2512	1377
ENSG00000197497	112	110	106	102
ENSG00000197498	491	440	489	383
ENSG00000197506	10	8	19	11
ENSG00000197520	0	2	1	0
ENSG00000197530	1140	983	1041	920
ENSG00000197532	0	0	0	0
ENSG00000197535	1682	2300	2134	1511
ENSG00000197536	242	260	229	236
ENSG00000197540	2	2	1	1
ENSG00000197548	608	654	628	638
ENSG00000197549	0	0	0	1
ENSG00000197550	4	1	3	2
ENSG00000197555	2442	2831	3412	2585
ENSG00000197557	257	352	224	213

ENSG00000197558	49	76	7	14
ENSG00000197561	28	21	27	8
ENSG00000197562	217	269	241	177
ENSG00000197563	983	940	710	609
ENSG00000197565	36	16	3	12
ENSG00000197566	130	108	165	94
ENSG00000197568	128	198	246	121
ENSG00000197575	1	0	0	0
ENSG00000197576	93	80	105	64
ENSG00000197579	531	614	744	476
ENSG00000197580	19	54	81	21
ENSG00000197582	1	0	3	2
ENSG00000197584	2	0	2	0
ENSG00000197586	808	1091	928	820
ENSG00000197587	2	2	1	0
ENSG00000197588	0	1	0	0
ENSG00000197591	0	0	0	0
ENSG00000197594	230	508	703	324
ENSG00000197599	16	19	8	10
ENSG00000197601	1143	1468	1251	1057
ENSG00000197603	672	948	1072	660
ENSG00000197608	248	390	398	227
ENSG00000197614	549	2971	428	1143
ENSG00000197616	0	0	0	0
ENSG00000197617	0	0	1	0
ENSG00000197619	176	181	228	169
ENSG00000197620	225	235	269	181
ENSG00000197622	1034	1020	1387	890
ENSG00000197627	1	3	0	0
ENSG00000197629	1	1	1	1
ENSG00000197632	8	7	18	4
ENSG00000197635	1074	2530	2711	2610
ENSG00000197641	0	0	0	1
ENSG00000197646	472	604	397	437
ENSG00000197647	61	93	74	67
ENSG00000197651	0	0	0	0
ENSG00000197653	29	10	14	21
ENSG00000197658	0	0	0	0
ENSG00000197674	0	0	0	0
ENSG00000197683	0	0	0	0
ENSG00000197692	0	0	0	0
ENSG00000197694	10325	13347	11156	9805
ENSG00000197696	61	75	169	55

ENSG00000197702	4918	5898	5836	4254
ENSG00000197705	0	0	0	0
ENSG00000197706	0	0	0	0
ENSG00000197712	4292	4966	5476	4120
ENSG00000197713	792	998	952	666
ENSG00000197714	32	26	17	16
ENSG00000197721	0	0	1	0
ENSG00000197724	1028	1081	1044	907
ENSG00000197728	1548	1523	694	378
ENSG00000197734	1	6	0	0
ENSG00000197744	0	4	3	2
ENSG00000197745	0	0	0	0
ENSG00000197746	47973	52441	45068	38583
ENSG00000197747	3169	3469	2686	2354
ENSG00000197748	2	9	2	10
ENSG00000197753	14	28	48	33
ENSG00000197756	12101	11701	10215	8043
ENSG00000197757	10	36	50	52
ENSG00000197763	200	242	211	190
ENSG00000197766	482	256	73	144
ENSG00000197768	7	5	3	9
ENSG00000197769	36	73	8	61
ENSG00000197771	1040	982	1049	924
ENSG00000197774	182	256	290	190
ENSG00000197776	83	109	89	97
ENSG00000197779	212	142	150	86
ENSG00000197780	319	389	486	317
ENSG00000197782	215	260	208	217
ENSG00000197785	396	415	421	283
ENSG00000197786	0	0	0	0
ENSG00000197790	0	0	0	0
ENSG00000197794	0	0	0	0
ENSG00000197798	335	390	531	272
ENSG00000197808	103	130	116	82
ENSG00000197816	145	225	180	141
ENSG00000197818	619	877	670	483
ENSG00000197822	14	36	55	32
ENSG00000197826	18	37	42	35
ENSG00000197837	12	19	11	16
ENSG00000197838	0	0	0	0
ENSG00000197841	238	370	283	236
ENSG00000197847	40	44	47	35
ENSG00000197849	0	0	0	0

ENSG00000197852	225	271	315	162
ENSG00000197857	127	186	147	142
ENSG00000197858	2031	1877	1933	1572
ENSG00000197859	2	1	5	0
ENSG00000197860	427	547	485	350
ENSG00000197863	112	142	159	86
ENSG00000197866	0	0	0	0
ENSG00000197870	0	1	0	1
ENSG00000197872	453	445	434	394
ENSG00000197879	6300	8310	7488	6917
ENSG00000197880	1	0	5	2
ENSG00000197882	1	3	4	5
ENSG00000197885	293	300	305	275
ENSG00000197887	0	0	0	0
ENSG00000197888	0	0	0	0
ENSG00000197889	8	6	13	4
ENSG00000197891	0	0	0	0
ENSG00000197892	830	839	865	782
ENSG00000197893	0	0	0	1
ENSG00000197894	7268	8426	9332	6632
ENSG00000197901	0	0	0	0
ENSG00000197903	283	413	489	333
ENSG00000197905	104	95	99	62
ENSG00000197912	1436	1337	1403	1059
ENSG00000197915	32	14	54	26
ENSG00000197919	1	2	2	0
ENSG00000197921	0	0	0	0
ENSG00000197927	37	45	74	35
ENSG00000197928	309	320	397	216
ENSG00000197930	3094	3492	2827	2693
ENSG00000197933	53	63	46	48
ENSG00000197935	6	4	2	0
ENSG00000197937	222	455	413	298
ENSG00000197938	0	0	0	0
ENSG00000197943	29	39	37	10
ENSG00000197948	675	831	647	567
ENSG00000197951	265	312	259	158
ENSG00000197953	1	1	1	1
ENSG00000197956	27078	28765	22247	22400
ENSG00000197958	17216	16383	18451	10720
ENSG00000197959	117	120	71	49
ENSG00000197961	261	287	193	243
ENSG00000197965	4666	5884	6556	4556

ENSG00000197969	2081	2513	2993	2791
ENSG00000197971	299	756	624	954
ENSG00000197976	997	999	1002	794
ENSG00000197977	7	13	10	1
ENSG00000197978	126	34	90	88
ENSG00000197980	5	8	5	13
ENSG00000197982	848	658	606	606
ENSG00000197984	0	0	0	0
ENSG00000197990	0	0	0	0
ENSG00000197991	0	0	0	0
ENSG00000197992	0	0	0	0
ENSG00000197993	6	10	5	6
ENSG00000198000	677	1074	1206	722
ENSG00000198001	537	556	571	647
ENSG00000198003	5	25	17	16
ENSG00000198010	0	0	0	0
ENSG00000198015	584	637	739	491
ENSG00000198018	327	324	522	291
ENSG00000198019	0	2	5	3
ENSG00000198021	0	0	0	0
ENSG00000198022	0	0	0	0
ENSG00000198026	485	580	534	444
ENSG00000198028	6	12	49	2
ENSG00000198033	0	0	0	0
ENSG00000198034	16054	17219	15092	17242
ENSG00000198039	58	65	50	67
ENSG00000198040	646	721	805	654
ENSG00000198042	229	411	382	301
ENSG00000198046	367	310	344	283
ENSG00000198049	0	0	0	0
ENSG00000198053	2189	3224	2372	2024
ENSG00000198054	0	1	0	0
ENSG00000198055	228	277	301	246
ENSG00000198056	70	54	35	43
ENSG00000198060	649	771	787	764
ENSG00000198062	2	2	3	0
ENSG00000198064	12	20	12	9
ENSG00000198074	24	14	34	17
ENSG00000198075	8	9	12	5
ENSG00000198077	2	2	16	0
ENSG00000198081	290	331	289	278
ENSG00000198083	0	0	0	0
ENSG00000198087	583	664	700	505

ENSG00000198088	0	2	0	0
ENSG00000198089	221	260	255	161
ENSG00000198090	0	0	0	0
ENSG00000198092	0	0	0	0
ENSG00000198093	142	147	130	109
ENSG00000198099	14	16	17	12
ENSG00000198104	0	0	0	0
ENSG00000198105	466	382	362	304
ENSG00000198108	45	11	51	17
ENSG00000198113	684	656	674	819
ENSG00000198121	5680	6118	8583	5766
ENSG00000198125	0	0	2	0
ENSG00000198128	0	0	0	0
ENSG00000198129	0	0	0	0
ENSG00000198130	468	460	470	365
ENSG00000198131	265	317	518	242
ENSG00000198133	29	66	30	58
ENSG00000198134	0	0	0	1
ENSG00000198142	241	276	243	242
ENSG00000198146	1210	1323	1217	1094
ENSG00000198153	0	2	0	1
ENSG00000198155	21	23	20	6
ENSG00000198156	15	8	23	12
ENSG00000198157	73	149	130	122
ENSG00000198160	1230	1237	1421	1142
ENSG00000198162	2601	2891	2847	2454
ENSG00000198168	102	128	158	91
ENSG00000198169	256	470	584	340
ENSG00000198171	429	758	752	445
ENSG00000198173	0	0	0	0
ENSG00000198176	1793	1743	1633	1427
ENSG00000198178	1	5	1	2
ENSG00000198182	200	190	156	146
ENSG00000198183	0	0	0	0
ENSG00000198185	97	128	182	115
ENSG00000198189	1268	1226	1525	980
ENSG00000198198	1196	1269	1366	1098
ENSG00000198203	23	22	15	23
ENSG00000198205	98	124	129	110
ENSG00000198208	16	19	14	21
ENSG00000198211	0	56	0	3
ENSG00000198216	2	0	1	0
ENSG00000198217	0	0	0	0

ENSG00000198218	1604	1826	1731	1377
ENSG00000198223	12	10	9	3
ENSG00000198225	2	1	1	0
ENSG00000198231	2929	3336	4057	2704
ENSG00000198237	24	19	41	25
ENSG00000198242	9718	7285	6738	5168
ENSG00000198246	174	190	214	143
ENSG00000198251	0	1	0	1
ENSG00000198252	548	611	636	468
ENSG00000198258	1268	1250	1176	939
ENSG00000198261	0	0	0	0
ENSG00000198265	1052	1282	1490	1123
ENSG00000198270	186	177	205	212
ENSG00000198271	0	0	0	1
ENSG00000198276	425	443	495	340
ENSG00000198277	0	0	0	0
ENSG00000198283	0	0	0	0
ENSG00000198284	0	0	0	0
ENSG00000198286	1	0	1	0
ENSG00000198298	32	29	23	22
ENSG00000198300	174	180	311	89
ENSG00000198301	731	936	1155	770
ENSG00000198312	0	0	0	0
ENSG00000198315	1330	1721	1830	1448
ENSG00000198324	328	341	351	278
ENSG00000198326	8	3	4	1
ENSG00000198331	108	111	123	99
ENSG00000198336	1	5	12	3
ENSG00000198342	30	49	20	18
ENSG00000198346	86	119	192	129
ENSG00000198353	16	21	7	30
ENSG00000198354	1	0	0	0
ENSG00000198355	308	237	244	192
ENSG00000198356	1380	1397	1464	930
ENSG00000198363	14834	18301	22031	14589
ENSG00000198367	0	0	0	0
ENSG00000198369	711	823	847	651
ENSG00000198373	551	639	644	461
ENSG00000198380	1993	2435	2721	1539
ENSG00000198382	451	433	447	456
ENSG00000198384	0	0	0	0
ENSG00000198390	0	0	0	0
ENSG00000198393	218	194	210	252

ENSG00000198398	0	0	0	0
ENSG00000198399	1215	1387	1616	1293
ENSG00000198400	1	4	1	1
ENSG00000198406	294	479	579	231
ENSG00000198408	3149	3581	3215	2410
ENSG00000198414	0	0	0	0
ENSG00000198416	78	43	35	69
ENSG00000198417	2	3	0	1
ENSG00000198420	3476	3749	3882	2734
ENSG00000198429	65	69	83	61
ENSG00000198431	12319	14179	13666	10911
ENSG00000198435	2	2	1	0
ENSG00000198440	106	171	139	126
ENSG00000198443	0	0	0	0
ENSG00000198445	1	0	1	0
ENSG00000198452	0	0	0	0
ENSG00000198453	182	246	244	187
ENSG00000198455	287	291	289	279
ENSG00000198457	0	1	0	0
ENSG00000198464	342	384	448	214
ENSG00000198466	339	496	521	339
ENSG00000198467	10348	20671	17671	12914
ENSG00000198471	1	0	0	0
ENSG00000198478	208	262	257	218
ENSG00000198482	87	103	101	85
ENSG00000198483	192	222	117	208
ENSG00000198488	0	2	2	0
ENSG00000198492	1336	1643	1516	1198
ENSG00000198496	96	106	71	66
ENSG00000198498	206	262	261	175
ENSG00000198502	0	0	0	0
ENSG00000198513	143	211	154	114
ENSG00000198515	1	3	5	1
ENSG00000198517	617	771	653	548
ENSG00000198520	34	64	51	62
ENSG00000198521	104	211	154	141
ENSG00000198522	555	674	705	474
ENSG00000198523	2	2	10	4
ENSG00000198526	0	0	0	0
ENSG00000198535	6	9	3	4
ENSG00000198538	99	325	235	162
ENSG00000198542	1357	4853	3534	3190
ENSG00000198546	258	255	218	254

ENSG00000198551	197	241	240	194
ENSG00000198553	16	10	10	21
ENSG00000198554	215	163	127	146
ENSG00000198555	2	6	1	2
ENSG00000198556	126	156	117	92
ENSG00000198561	3894	4605	4997	3289
ENSG00000198563	391	205	40	65
ENSG00000198569	21	4	10	8
ENSG00000198570	6	6	4	5
ENSG00000198573	0	0	0	0
ENSG00000198574	0	0	0	0
ENSG00000198576	2	1	18	1
ENSG00000198580	14	24	13	10
ENSG00000198585	1011	1201	1076	1054
ENSG00000198586	1542	1771	3140	1495
ENSG00000198589	1245	1387	1176	1014
ENSG00000198597	27	13	15	18
ENSG00000198598	294	200	161	205
ENSG00000198601	0	0	0	0
ENSG00000198604	492	437	790	651
ENSG00000198610	1	3	0	0
ENSG00000198612	1247	1454	1544	1222
ENSG00000198618	162	317	449	26
ENSG00000198624	404	739	435	567
ENSG00000198625	486	515	672	356
ENSG00000198626	1	8	0	0
ENSG00000198633	1	1	1	1
ENSG00000198642	1350	1314	1317	1134
ENSG00000198643	0	0	0	0
ENSG00000198646	1220	1216	1540	1033
ENSG00000198648	638	621	787	552
ENSG00000198650	1	3	1	2
ENSG00000198657	0	0	0	0
ENSG00000198658	2	0	3	1
ENSG00000198663	4993	6370	6269	4660
ENSG00000198668	3676	4527	3756	3514
ENSG00000198670	0	0	0	1
ENSG00000198673	17	12	26	23
ENSG00000198674	0	0	0	0
ENSG00000198677	2881	3366	3730	2465
ENSG00000198678	0	0	0	0
ENSG00000198680	191	186	179	169
ENSG00000198681	0	0	0	0

ENSG00000198682	2684	5604	3920	3802
ENSG00000198689	620	852	708	600
ENSG00000198690	125	318	296	279
ENSG00000198691	15	30	15	16
ENSG00000198692	290	342	389	3
ENSG00000198695	16379	28993	33983	17396
ENSG00000198700	2974	2760	2814	2240
ENSG00000198703	0	0	0	0
ENSG00000198704	0	0	0	0
ENSG00000198707	462	689	875	508
ENSG00000198712	33883	70902	85513	38271
ENSG00000198715	2438	2534	2652	2116
ENSG00000198718	620	838	696	683
ENSG00000198719	228	61	170	59
ENSG00000198720	298	295	361	239
ENSG00000198721	1163	1261	1427	950
ENSG00000198722	1116	1667	1259	1056
ENSG00000198723	2	7	3	0
ENSG00000198727	44632	63233	78824	40328
ENSG00000198728	2196	2893	3270	2221
ENSG00000198729	15	12	5	6
ENSG00000198730	2341	3150	2998	2082
ENSG00000198732	17	8	139	0
ENSG00000198734	1	22	1	0
ENSG00000198736	277	304	275	220
ENSG00000198738	0	0	0	0
ENSG00000198739	0	0	0	0
ENSG00000198740	342	334	344	260
ENSG00000198742	851	971	1076	664
ENSG00000198743	660	978	768	916
ENSG00000198744	10	9	6	2
ENSG00000198746	225	256	240	200
ENSG00000198752	3665	4084	4541	3492
ENSG00000198753	131	170	225	114
ENSG00000198754	8	12	12	7
ENSG00000198755	11366	11626	11900	8232
ENSG00000198756	107	425	308	323
ENSG00000198758	0	1	8	1
ENSG00000198759	1915	4359	306	1224
ENSG00000198763	24793	33334	37209	21903
ENSG00000198765	0	6	5	6
ENSG00000198768	139	95	172	148
ENSG00000198771	5	5	8	11

ENSG00000198774	30	55	70	55
ENSG00000198780	2	8	2	6
ENSG00000198783	235	237	241	219
ENSG00000198785	5	5	8	4
ENSG00000198786	44819	77407	89645	42248
ENSG00000198787	0	0	0	0
ENSG00000198791	1155	1454	1675	1147
ENSG00000198792	1552	2226	2506	1726
ENSG00000198793	1502	1756	2010	1280
ENSG00000198794	72	36	67	37
ENSG00000198795	1114	1573	1259	1224
ENSG00000198796	387	350	1575	100
ENSG00000198797	0	0	0	2
ENSG00000198798	0	1	0	0
ENSG00000198799	546	594	476	429
ENSG00000198804	223962	266504	410979	244640
ENSG00000198805	98	89	84	99
ENSG00000198807	0	0	12	0
ENSG00000198812	1	1	1	2
ENSG00000198814	299	263	503	184
ENSG00000198815	944	1095	1175	754
ENSG00000198816	1347	1351	1718	1209
ENSG00000198818	430	516	416	379
ENSG00000198821	0	2	0	0
ENSG00000198822	0	0	0	0
ENSG00000198824	553	732	863	589
ENSG00000198825	681	941	272	526
ENSG00000198826	290	558	607	455
ENSG00000198829	0	5	0	1
ENSG00000198830	1864	2198	1951	1833
ENSG00000198832	1931	2349	2112	1789
ENSG00000198833	1267	1359	1318	1168
ENSG00000198835	106	119	45	103
ENSG00000198836	1343	1535	1610	1365
ENSG00000198837	704	670	748	621
ENSG00000198838	16	11	31	16
ENSG00000198839	445	490	512	421
ENSG00000198840	5951	7064	5715	6052
ENSG00000198841	157	164	178	143
ENSG00000198842	0	0	0	0
ENSG00000198843	1162	1466	1373	1038
ENSG00000198844	2	2	1	0
ENSG00000198846	208	295	251	278

ENSG00000198848	4593	3257	2002	1509
ENSG00000198851	0	0	0	0
ENSG00000198853	1169	1339	1344	1042
ENSG00000198854	0	0	0	0
ENSG00000198855	198	232	203	175
ENSG00000198856	1501	1782	1543	1350
ENSG00000198857	4	3	2	1
ENSG00000198858	680	649	711	547
ENSG00000198860	440	508	359	382
ENSG00000198862	733	658	997	883
ENSG00000198863	258	334	362	244
ENSG00000198865	458	400	304	351
ENSG00000198868	0	4	0	0
ENSG00000198870	8	11	13	11
ENSG00000198873	2249	3469	3135	2317
ENSG00000198874	343	499	462	297
ENSG00000198876	628	724	613	556
ENSG00000198877	0	0	0	0
ENSG00000198879	75	50	31	77
ENSG00000198881	1	3	4	1
ENSG00000198883	0	0	1	0
ENSG00000198885	63	38	92	43
ENSG00000198886	59583	98364	97197	62652
ENSG00000198887	823	824	926	765
ENSG00000198888	25401	35352	38369	27936
ENSG00000198889	0	0	0	0
ENSG00000198890	248	288	258	259
ENSG00000198892	492	783	815	554
ENSG00000198894	387	327	353	258
ENSG00000198898	2399	3093	2834	2535
ENSG00000198899	41832	51926	45122	35028
ENSG00000198900	1522	1734	2130	1304
ENSG00000198901	182	241	199	225
ENSG00000198908	179	231	239	224
ENSG00000198909	1191	1690	1583	1002
ENSG00000198910	6	12	8	5
ENSG00000198911	2944	2823	2280	1493
ENSG00000198912	351	406	380	271
ENSG00000198914	0	0	0	0
ENSG00000198915	68	60	22	55
ENSG00000198917	555	446	469	355
ENSG00000198918	8207	9112	8762	5889
ENSG00000198919	823	982	891	726

ENSG00000198920	446	530	756	458
ENSG00000198923	0	0	0	0
ENSG00000198924	136	183	185	145
ENSG00000198925	1901	2186	2087	1512
ENSG00000198929	9	11	6	4
ENSG00000198930	0	0	0	0
ENSG00000198931	750	965	780	676
ENSG00000198932	197	256	397	240
ENSG00000198933	391	457	438	416
ENSG00000198934	109	100	97	92
ENSG00000198937	109	87	96	66
ENSG00000198938	55258	68223	49473	44059
ENSG00000198939	23	50	35	42
ENSG00000198944	11	30	32	16
ENSG00000198945	251	256	405	222
ENSG00000198947	591	1194	1224	1086
ENSG00000198948	47	24	62	15
ENSG00000198951	974	1242	1036	920
ENSG00000198952	2414	2406	2732	1935
ENSG00000198954	674	777	810	633
ENSG00000198959	6336	13408	7311	10314
ENSG00000198960	772	819	827	767
ENSG00000198961	3679	4014	3810	3356
ENSG00000198963	59	14	5	72
ENSG00000198964	1421	2177	1318	1364
ENSG00000198965	0	0	0	0
ENSG00000198967	0	0	0	0
ENSG00000203262	1	7	1	0
ENSG00000203326	82	133	155	77
ENSG00000203363	1	1	0	0
ENSG00000203387	2	0	5	0
ENSG00000203396	0	0	0	2
ENSG00000203397	0	0	0	0
ENSG00000203408	0	0	0	0
ENSG00000203413	1	0	0	0
ENSG00000203414	1	6	3	4
ENSG00000203416	0	0	0	0
ENSG00000203435	1	3	3	3
ENSG00000203437	1	6	0	1
ENSG00000203462	0	0	0	0
ENSG00000203485	2836	2437	2592	2235
ENSG00000203489	2	0	3	4
ENSG00000203492	0	0	0	0

ENSG00000203523	0	0	0	0
ENSG00000203531	4	2	5	4
ENSG00000203546	32	30	32	25
ENSG00000203560	0	0	0	0
ENSG00000203581	0	1	0	1
ENSG00000203616	0	0	0	0
ENSG00000203618	0	0	45	0
ENSG00000203623	32	27	0	8
ENSG00000203624	94	97	105	72
ENSG00000203647	0	0	0	0
ENSG00000203648	0	0	0	0
ENSG00000203661	0	0	0	0
ENSG00000203663	0	0	0	0
ENSG00000203664	0	0	0	0
ENSG00000203666	110	186	133	117
ENSG00000203667	806	983	976	617
ENSG00000203668	329	211	304	261
ENSG00000203685	43	2	1	1
ENSG00000203690	0	0	1	1
ENSG00000203697	1	5	6	3
ENSG00000203705	325	241	236	246
ENSG00000203710	1	5	0	2
ENSG00000203722	116	129	163	90
ENSG00000203724	22	34	38	17
ENSG00000203727	515	552	302	419
ENSG00000203730	1	1	0	0
ENSG00000203733	0	0	0	0
ENSG00000203734	4	7	8	1
ENSG00000203737	0	0	0	0
ENSG00000203740	0	1	0	0
ENSG00000203747	0	0	0	1
ENSG00000203756	0	0	0	0
ENSG00000203757	0	0	0	0
ENSG00000203758	0	0	0	0
ENSG00000203760	74	70	60	63
ENSG00000203761	47	63	37	51
ENSG00000203772	87	64	81	73
ENSG00000203778	348	372	340	258
ENSG00000203780	64	136	123	67
ENSG00000203781	0	0	0	0
ENSG00000203782	0	0	0	0
ENSG00000203783	0	0	0	0
ENSG00000203784	0	0	0	0

ENSG00000203785	0	0	0	0
ENSG00000203786	4	3	0	0
ENSG00000203791	246	287	211	188
ENSG00000203795	0	0	0	0
ENSG00000203797	24	20	57	19
ENSG00000203799	5	4	6	8
ENSG00000203805	35	24	13	38
ENSG00000203811	5	8	10	6
ENSG00000203812	73	105	251	126
ENSG00000203814	126	211	181	147
ENSG00000203818	8	19	12	21
ENSG00000203819	26	23	27	19
ENSG00000203825	0	0	0	0
ENSG00000203837	0	1	2	0
ENSG00000203852	5	8	10	6
ENSG00000203855	1	0	0	0
ENSG00000203857	1	0	0	0
ENSG00000203858	0	0	0	0
ENSG00000203859	0	2	0	0
ENSG00000203867	3	8	13	10
ENSG00000203870	0	0	0	0
ENSG00000203872	24	23	14	9
ENSG00000203877	0	0	0	0
ENSG00000203878	0	0	0	0
ENSG00000203879	2107	2516	2453	1692
ENSG00000203880	683	819	814	598
ENSG00000203883	0	0	0	0
ENSG00000203896	105	72	79	64
ENSG00000203907	0	0	0	0
ENSG00000203908	1	1	0	0
ENSG00000203909	0	0	0	0
ENSG00000203910	1	0	1	1
ENSG00000203914	1	0	1	0
ENSG00000203923	0	0	0	0
ENSG00000203926	0	0	0	0
ENSG00000203933	0	0	0	0
ENSG00000203942	0	0	1	0
ENSG00000203943	38	38	26	15
ENSG00000203950	695	759	741	588
ENSG00000203952	0	4	3	1
ENSG00000203963	0	2	1	2
ENSG00000203965	204	325	299	199
ENSG00000203970	0	0	0	0

ENSG00000203972	0	0	0	0
ENSG00000203985	2	4	4	1
ENSG00000203989	1	0	1	6
ENSG00000203995	29	27	6	29
ENSG00000204001	0	0	0	0
ENSG00000204003	0	0	0	0
ENSG00000204006	0	0	0	1
ENSG00000204007	0	0	0	0
ENSG00000204010	3	1	0	0
ENSG00000204019	0	0	0	0
ENSG00000204020	0	0	0	0
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ENSG00000204031	0	0	0	0
ENSG00000204033	0	0	0	0
ENSG00000204052	8	6	8	11
ENSG00000204053	0	0	0	0
ENSG00000204060	20	12	0	5
ENSG00000204065	0	0	0	0
ENSG00000204070	753	736	615	599
ENSG00000204071	1	0	0	0
ENSG00000204072	0	0	0	0
ENSG00000204084	587	627	533	411
ENSG00000204086	0	1	6	0
ENSG00000204099	0	0	1	0
ENSG00000204103	442	79	123	143
ENSG00000204104	464	719	1000	663
ENSG00000204113	0	0	0	0
ENSG00000204116	465	576	655	405
ENSG00000204118	0	3	3	6
ENSG00000204120	2141	2241	2512	1804
ENSG00000204121	0	0	0	0
ENSG00000204128	2	6	8	1
ENSG00000204130	511	619	767	487
ENSG00000204131	390	704	205	838
ENSG00000204136	5	3	3	4
ENSG00000204138	450	671	693	456
ENSG00000204140	0	0	0	0
ENSG00000204147	129	133	159	88
ENSG00000204149	264	341	293	219
ENSG00000204152	185	227	221	187
ENSG00000204160	436	540	484	352
ENSG00000204161	0	0	0	0

ENSG00000204165	0	0	0	0
ENSG00000204172	163	203	190	192
ENSG00000204173	4	9	8	6
ENSG00000204174	4	9	8	17
ENSG00000204175	0	0	0	1
ENSG00000204176	116	305	182	149
ENSG00000204177	197	293	213	197
ENSG00000204178	482	537	576	564
ENSG00000204179	69	75	97	53
ENSG00000204183	13	5	3	6
ENSG00000204186	500	551	507	418
ENSG00000204188	4	4	1	1
ENSG00000204193	2	0	0	0
ENSG00000204194	0	0	0	0
ENSG00000204195	0	0	0	0
ENSG00000204196	15	12	8	8
ENSG00000204197	27	24	29	16
ENSG00000204209	2	0	186	32
ENSG00000204217	3032	3783	3923	3095
ENSG00000204219	395	309	343	142
ENSG00000204220	46	53	51	39
ENSG00000204221	162	326	79	98
ENSG00000204227	252	252	118	112
ENSG00000204228	14	12	9	16
ENSG00000204231	46	240	460	213
ENSG00000204237	275	249	238	203
ENSG00000204246	0	0	1	0
ENSG00000204248	14	9	12	0
ENSG00000204252	1	3	1	0
ENSG00000204253	0	1	1	1
ENSG00000204256	1351	1138	2605	1076
ENSG00000204257	2	6	212	1
ENSG00000204262	12975	16174	17868	12957
ENSG00000204264	76	75	80	43
ENSG00000204267	14	112	70	2
ENSG00000204271	106	112	120	84
ENSG00000204272	412	469	549	254
ENSG00000204278	0	0	0	0
ENSG00000204279	0	0	0	0
ENSG00000204287	0	0	0	0
ENSG00000204290	0	0	2	0
ENSG00000204291	2994	1736	1347	1370
ENSG00000204293	0	0	0	0

ENSG00000204296	0	0	0	0
ENSG00000204300	0	0	0	0
ENSG00000204301	2	2	2	3
ENSG00000204304	275	680	299	222
ENSG00000204305	5	26	4	4
ENSG00000204308	42	69	73	63
ENSG00000204310	2	821	921	582
ENSG00000204311	58	69	60	47
ENSG00000204314	16	26	22	17
ENSG00000204315	0	48	42	39
ENSG00000204316	388	442	414	276
ENSG00000204323	4	15	2	1
ENSG00000204334	53	35	2	33
ENSG00000204335	14	9	2	28
ENSG00000204338	3	1	0	4
ENSG00000204344	64	78	57	58
ENSG00000204345	0	2	0	2
ENSG00000204347	0	0	0	0
ENSG00000204348	43	162	89	64
ENSG00000204351	37	322	62	24
ENSG00000204352	0	0	0	0
ENSG00000204356	326	340	244	271
ENSG00000204359	1	250	199	1
ENSG00000204361	3	2	3	2
ENSG00000204363	0	0	0	0
ENSG00000204364	2	263	309	6
ENSG00000204366	0	55	62	30
ENSG00000204368	0	0	0	1
ENSG00000204370	1429	1480	1555	1237
ENSG00000204371	46	159	61	29
ENSG00000204379	0	0	0	0
ENSG00000204381	1903	3236	2558	2198
ENSG00000204382	0	0	0	0
ENSG00000204385	0	0	0	0
ENSG00000204386	206	182	199	179
ENSG00000204387	1381	779	581	533
ENSG00000204388	468	535	0	0
ENSG00000204389	846	1484	0	0
ENSG00000204390	0	29	0	0
ENSG00000204392	43	39	42	36
ENSG00000204394	176	68	78	56
ENSG00000204396	3	8	4	7
ENSG00000204397	88	130	179	86

ENSG00000204399	0	0	0	0
ENSG00000204403	3	2	5	5
ENSG00000204406	892	732	885	592
ENSG00000204410	33	30	23	40
ENSG00000204414	0	0	0	0
ENSG00000204420	0	3	0	0
ENSG00000204421	0	0	0	0
ENSG00000204422	4	5	0	0
ENSG00000204424	0	0	0	0
ENSG00000204427	90	125	113	23
ENSG00000204428	0	11	1	30
ENSG00000204429	0	0	0	0
ENSG00000204434	0	0	0	0
ENSG00000204435	157	175	408	151
ENSG00000204437	0	0	0	0
ENSG00000204438	44	40	64	56
ENSG00000204439	98	69	1	0
ENSG00000204442	210	99	178	274
ENSG00000204444	19	15	11	13
ENSG00000204449	0	0	0	0
ENSG00000204450	0	0	0	0
ENSG00000204455	0	0	0	0
ENSG00000204456	0	0	0	0
ENSG00000204463	1034	377	160	116
ENSG00000204469	322	20	25	14
ENSG00000204471	0	0	0	0
ENSG00000204472	0	0	0	0
ENSG00000204475	0	0	0	0
ENSG00000204478	0	0	0	0
ENSG00000204479	0	0	0	0
ENSG00000204480	0	0	0	0
ENSG00000204481	0	0	0	0
ENSG00000204482	0	0	0	0
ENSG00000204487	0	0	0	0
ENSG00000204490	0	0	0	0
ENSG00000204498	1	0	2	0
ENSG00000204501	1	0	0	0
ENSG00000204505	0	0	0	0
ENSG00000204510	0	0	0	0
ENSG00000204511	0	0	0	0
ENSG00000204514	133	222	316	166
ENSG00000204516	39	17	18	17
ENSG00000204518	3	8	0	4

ENSG00000204519	80	114	135	112
ENSG00000204520	160	0	9	0
ENSG00000204524	41	62	56	51
ENSG00000204525	3151	0	58	43
ENSG00000204529	0	0	0	0
ENSG00000204531	7	6	7	10
ENSG00000204532	0	0	1	0
ENSG00000204536	95	4	30	55
ENSG00000204538	0	0	0	0
ENSG00000204539	5	0	0	0
ENSG00000204540	8	24	45	18
ENSG00000204542	0	0	0	0
ENSG00000204544	0	1	0	0
ENSG00000204547	0	0	1	0
ENSG00000204548	0	0	0	0
ENSG00000204555	0	0	0	0
ENSG00000204556	10	9	2	17
ENSG00000204560	121	141	133	103
ENSG00000204564	45	23	49	11
ENSG00000204568	92	97	105	72
ENSG00000204569	144	223	149	135
ENSG00000204571	16	8	16	8
ENSG00000204572	1	2	3	0
ENSG00000204574	85	356	519	481
ENSG00000204576	2	30	25	11
ENSG00000204577	3	0	10	0
ENSG00000204580	95	150	240	186
ENSG00000204583	0	0	0	0
ENSG00000204590	247	290	326	277
ENSG00000204592	367	1862	2870	1348
ENSG00000204595	0	0	0	0
ENSG00000204599	5	29	23	21
ENSG00000204604	111	205	199	160
ENSG00000204610	0	0	0	0
ENSG00000204611	222	330	333	262
ENSG00000204612	0	0	0	0
ENSG00000204613	0	0	0	0
ENSG00000204614	0	0	0	0
ENSG00000204616	0	0	0	0
ENSG00000204618	0	2	7	5
ENSG00000204619	0	502	0	0
ENSG00000204622	12	5	1	7
ENSG00000204624	0	4	1	4

ENSG00000204628	22313	24162	23383	16299
ENSG00000204632	0	1	0	0
ENSG00000204634	203	265	333	219
ENSG00000204637	0	0	0	0
ENSG00000204640	0	0	0	0
ENSG00000204642	3	18	3	1
ENSG00000204644	0	0	0	0
ENSG00000204648	0	0	0	0
ENSG00000204652	0	0	1	0
ENSG00000204653	8	13	1	3
ENSG00000204655	0	0	2	0
ENSG00000204657	0	0	0	0
ENSG00000204658	0	0	0	0
ENSG00000204659	2	7	5	7
ENSG00000204662	0	0	0	0
ENSG00000204663	0	0	0	0
ENSG00000204669	0	0	0	0
ENSG00000204670	0	0	0	0
ENSG00000204671	0	0	0	0
ENSG00000204673	1468	1769	1631	1238
ENSG00000204677	1	10	3	3
ENSG00000204681	464	595	579	327
ENSG00000204682	54	43	29	42
ENSG00000204683	0	0	0	0
ENSG00000204687	0	0	0	0
ENSG00000204688	0	0	0	0
ENSG00000204689	0	0	0	0
ENSG00000204690	0	0	0	0
ENSG00000204692	0	0	0	0
ENSG00000204694	0	0	0	0
ENSG00000204695	0	0	0	0
ENSG00000204697	0	0	0	0
ENSG00000204699	0	0	0	0
ENSG00000204700	0	0	0	0
ENSG00000204701	0	0	0	0
ENSG00000204702	0	0	0	0
ENSG00000204703	0	0	0	0
ENSG00000204704	0	0	0	0
ENSG00000204705	0	0	0	0
ENSG00000204710	2	0	0	0
ENSG00000204711	0	0	1	0
ENSG00000204713	295	270	357	289
ENSG00000204717	0	0	0	0

ENSG00000204718	0	0	0	0
ENSG00000204740	5	5	5	17
ENSG00000204745	34	43	107	46
ENSG00000204764	37	14	8	31
ENSG00000204767	79	108	26	65
ENSG00000204776	0	0	0	0
ENSG00000204778	0	4	0	0
ENSG00000204779	1	7	12	3
ENSG00000204780	0	0	0	0
ENSG00000204787	0	0	0	0
ENSG00000204789	32	40	55	37
ENSG00000204790	0	0	2	2
ENSG00000204801	0	0	0	0
ENSG00000204805	0	0	0	0
ENSG00000204815	30	45	37	16
ENSG00000204816	0	0	0	0
ENSG00000204818	0	0	0	0
ENSG00000204822	310	375	416	278
ENSG00000204837	2	0	1	0
ENSG00000204839	37	41	31	62
ENSG00000204842	1097	1541	1451	902
ENSG00000204843	7019	10164	9611	6649
ENSG00000204849	0	0	0	0
ENSG00000204851	202	164	45	125
ENSG00000204852	877	1186	1147	852
ENSG00000204856	135	168	188	134
ENSG00000204859	197	250	219	178
ENSG00000204866	1	2	0	1
ENSG00000204869	12	21	30	9
ENSG00000204872	0	0	0	0
ENSG00000204873	0	0	0	0
ENSG00000204880	0	0	0	0
ENSG00000204882	3	4	4	3
ENSG00000204887	0	0	0	0
ENSG00000204889	0	0	0	0
ENSG00000204894	0	0	0	0
ENSG00000204897	0	0	0	0
ENSG00000204899	160	141	134	129
ENSG00000204909	11	16	21	15
ENSG00000204913	1	0	1	0
ENSG00000204915	0	0	0	0
ENSG00000204918	0	0	0	0
ENSG00000204919	0	0	0	0

ENSG00000204920	118	138	220	146
ENSG00000204922	157	139	163	119
ENSG00000204923	74	81	69	73
ENSG00000204928	0	0	0	0
ENSG00000204930	9	6	4	1
ENSG00000204933	0	4	0	1
ENSG00000204936	21	31	24	25
ENSG00000204941	323	6226	1067	159
ENSG00000204946	268	270	299	317
ENSG00000204947	128	174	201	157
ENSG00000204950	0	0	0	0
ENSG00000204952	0	1	0	0
ENSG00000204954	96	92	147	72
ENSG00000204956	74	124	200	93
ENSG00000204959	110	327	186	219
ENSG00000204960	0	1	0	0
ENSG00000204961	6	12	5	4
ENSG00000204962	0	3	6	0
ENSG00000204963	18	3	2	3
ENSG00000204965	2	0	0	1
ENSG00000204967	63	47	67	41
ENSG00000204969	4	0	1	0
ENSG00000204970	0	2	3	0
ENSG00000204977	566	678	615	489
ENSG00000204978	0	0	0	0
ENSG00000204979	0	0	0	0
ENSG00000204982	0	0	0	0
ENSG00000204983	0	0	0	0
ENSG00000204989	0	0	0	0
ENSG00000204991	121	170	208	126
ENSG00000204993	0	0	0	0
ENSG00000205002	4	4	5	1
ENSG00000205022	0	0	0	0
ENSG00000205025	0	0	0	0
ENSG00000205029	0	0	0	0
ENSG00000205030	0	0	0	0
ENSG00000205035	0	0	0	0
ENSG00000205038	0	1	0	0
ENSG00000205044	0	0	0	0
ENSG00000205045	15	19	22	19
ENSG00000205057	0	0	1	2
ENSG00000205060	581	694	852	485
ENSG00000205076	0	0	0	0

ENSG00000205078	5	16	4	6
ENSG00000205084	262	344	258	298
ENSG00000205085	89	107	81	66
ENSG00000205086	3	13	11	10
ENSG00000205089	3	2	5	1
ENSG00000205090	58	79	66	59
ENSG00000205097	0	0	1	1
ENSG00000205100	0	0	0	0
ENSG00000205105	0	0	0	0
ENSG00000205108	4	6	5	4
ENSG00000205111	1	7	6	7
ENSG00000205116	1	1	2	0
ENSG00000205126	0	0	0	0
ENSG00000205129	13	14	14	9
ENSG00000205133	705	698	772	614
ENSG00000205138	152	115	117	124
ENSG00000205143	5	2	5	1
ENSG00000205155	389	466	425	367
ENSG00000205176	4	16	17	8
ENSG00000205177	2	0	0	2
ENSG00000205184	0	0	0	0
ENSG00000205186	0	0	0	0
ENSG00000205189	418	478	395	325
ENSG00000205208	885	682	1210	895
ENSG00000205209	14	20	12	5
ENSG00000205212	1	1	0	0
ENSG00000205213	381	710	799	455
ENSG00000205215	2	1	0	0
ENSG00000205220	421	395	364	360
ENSG00000205221	55	221	143	327
ENSG00000205236	124	240	86	238
ENSG00000205238	21	34	2	38
ENSG00000205240	0	2	0	0
ENSG00000205250	987	930	1009	718
ENSG00000205266	0	1	1	0
ENSG00000205267	0	0	1	0
ENSG00000205268	297	262	307	269
ENSG00000205269	127	100	122	106
ENSG00000205274	1	0	0	0
ENSG00000205277	25	31	13	13
ENSG00000205279	0	0	0	0
ENSG00000205301	0	0	0	0
ENSG00000205302	2032	2092	2107	1671

ENSG00000205307	16	11	18	8
ENSG00000205309	41	45	31	23
ENSG00000205312	0	3	0	2
ENSG00000205318	0	0	0	1
ENSG00000205323	654	826	946	550
ENSG00000205327	0	0	0	0
ENSG00000205328	0	0	0	0
ENSG00000205329	0	0	0	0
ENSG00000205330	0	0	0	0
ENSG00000205331	0	0	0	0
ENSG00000205333	1	1	0	0
ENSG00000205336	50	71	119	40
ENSG00000205339	3301	4086	3637	3074
ENSG00000205352	1407	1927	1962	1435
ENSG00000205356	859	763	803	607
ENSG00000205358	0	1	0	0
ENSG00000205359	0	0	0	0
ENSG00000205360	0	0	0	0
ENSG00000205361	0	0	0	0
ENSG00000205362	5	2	3	3
ENSG00000205363	51	98	77	88
ENSG00000205364	16	20	12	7
ENSG00000205403	55	141	32	113
ENSG00000205409	0	0	0	0
ENSG00000205412	0	0	1	0
ENSG00000205413	593	726	377	419
ENSG00000205420	0	0	0	0
ENSG00000205423	352	357	339	308
ENSG00000205426	0	0	2	1
ENSG00000205433	0	0	0	0
ENSG00000205436	1	13	25	8
ENSG00000205439	0	0	0	0
ENSG00000205442	0	0	0	0
ENSG00000205445	0	0	0	0
ENSG00000205449	0	0	0	0
ENSG00000205456	8	0	49	3
ENSG00000205457	0	0	0	0
ENSG00000205464	92	146	160	113
ENSG00000205476	247	511	236	373
ENSG00000205482	3	0	0	4
ENSG00000205485	20	34	39	32
ENSG00000205494	0	0	0	0
ENSG00000205495	0	0	0	0

ENSG00000205496	0	0	0	0
ENSG00000205497	0	0	0	0
ENSG00000205502	0	0	0	0
ENSG00000205517	115	98	115	64
ENSG00000205531	1406	411	1717	793
ENSG00000205534	106	69	71	50
ENSG00000205542	30425	56415	37372	40717
ENSG00000205544	291	324	308	213
ENSG00000205549	2	1	3	1
ENSG00000205560	32	59	79	85
ENSG00000205571	28	39	424	18
ENSG00000205572	16	26	81	10
ENSG00000205578	22	15	30	12
ENSG00000205579	0	0	0	1
ENSG00000205581	2413	2859	3156	1818
ENSG00000205583	85	109	115	70
ENSG00000205584	0	1	0	0
ENSG00000205593	149	173	126	121
ENSG00000205596	0	0	1	0
ENSG00000205609	1548	2	599	337
ENSG00000205625	5	5	5	8
ENSG00000205629	363	442	494	305
ENSG00000205639	2	12	7	24
ENSG00000205642	0	0	0	0
ENSG00000205643	158	117	163	132
ENSG00000205644	0	1	0	1
ENSG00000205649	2	6	4	2
ENSG00000205659	109	188	182	91
ENSG00000205667	0	0	0	0
ENSG00000205669	0	0	0	1
ENSG00000205670	22	65	64	149
ENSG00000205677	0	0	0	0
ENSG00000205678	10	15	10	5
ENSG00000205683	104	315	184	83
ENSG00000205693	1	1	6	0
ENSG00000205695	0	0	0	0
ENSG00000205702	0	3	2	12
ENSG00000205704	1	0	0	0
ENSG00000205707	209	328	306	266
ENSG00000205710	13	25	14	28
ENSG00000205716	0	0	1	0
ENSG00000205718	0	0	0	0
ENSG00000205726	1308	1556	1647	1317

ENSG00000205730	2302	2007	2352	1746
ENSG00000205744	0	1	3	0
ENSG00000205746	1281	820	823	789
ENSG00000205754	0	1	1	0
ENSG00000205755	0	1	1	3
ENSG00000205758	422	509	481	369
ENSG00000205763	90	118	93	107
ENSG00000205765	1120	1113	1103	938
ENSG00000205767	0	0	0	0
ENSG00000205771	43	40	20	33
ENSG00000205777	0	1	0	3
ENSG00000205784	1	0	1	0
ENSG00000205794	2	4	1	3
ENSG00000205795	64	116	114	195
ENSG00000205808	177	216	203	145
ENSG00000205809	0	0	0	0
ENSG00000205810	0	0	0	0
ENSG00000205822	10	25	16	11
ENSG00000205832	1	1	4	1
ENSG00000205835	0	4	7	7
ENSG00000205838	5	10	19	10
ENSG00000205846	0	0	0	0
ENSG00000205847	0	0	0	1
ENSG00000205853	7	3	4	2
ENSG00000205856	3	3	0	1
ENSG00000205857	0	1	0	0
ENSG00000205858	0	0	0	0
ENSG00000205863	172	227	239	338
ENSG00000205864	0	0	0	0
ENSG00000205867	0	0	0	0
ENSG00000205869	0	0	0	0
ENSG00000205871	2	0	3	0
ENSG00000205879	13	19	17	5
ENSG00000205882	0	0	0	0
ENSG00000205883	0	0	0	0
ENSG00000205884	0	0	0	0
ENSG00000205897	0	0	0	0
ENSG00000205898	1	7	5	3
ENSG00000205899	0	0	0	0
ENSG00000205903	515	597	522	542
ENSG00000205916	0	0	0	0
ENSG00000205918	106	196	146	221
ENSG00000205922	6	8	8	9

ENSG00000205923	165	96	100	147
ENSG00000205927	1	0	0	0
ENSG00000205929	3	7	2	3
ENSG00000205936	0	0	0	0
ENSG00000205937	1388	1522	1602	1127
ENSG00000205940	17	35	19	0
ENSG00000205944	0	0	0	0
ENSG00000205946	0	1	0	0
ENSG00000205955	0	1	2	0
ENSG00000205976	0	0	0	0
ENSG00000205978	2708	2773	2220	1861
ENSG00000205981	319	436	451	316
ENSG00000205989	0	0	0	0
ENSG00000206013	0	0	0	0
ENSG00000206014	0	0	0	0
ENSG00000206026	0	0	0	0
ENSG00000206034	0	0	0	0
ENSG00000206042	0	0	0	0
ENSG00000206043	0	0	0	0
ENSG00000206047	0	0	0	0
ENSG00000206052	227	356	291	367
ENSG00000206053	543	645	858	439
ENSG00000206066	0	0	0	0
ENSG00000206069	0	0	0	0
ENSG00000206072	0	2	5	0
ENSG00000206073	0	0	0	0
ENSG00000206075	1	0	1	0
ENSG00000206077	1	3	0	0
ENSG00000206090	0	0	0	0
ENSG00000206102	0	0	0	0
ENSG00000206104	0	0	0	0
ENSG00000206105	0	0	0	0
ENSG00000206106	0	0	0	0
ENSG00000206107	0	0	0	0
ENSG00000206113	2	1	2	0
ENSG00000206120	0	7	1	0
ENSG00000206127	8	85	45	53
ENSG00000206144	0	0	0	0
ENSG00000206145	2	6	5	0
ENSG00000206147	1	0	0	0
ENSG00000206149	303	438	347	247
ENSG00000206150	0	1	0	0
ENSG00000206159	9	15	11	9

ENSG00000206168	1	1	3	0
ENSG00000206172	16	28	9	21
ENSG00000206177	0	0	0	0
ENSG00000206178	0	0	0	0
ENSG00000206181	1	2	2	0
ENSG00000206190	99	281	180	143
ENSG00000206192	0	3	2	0
ENSG00000206199	3	1	4	6
ENSG00000206203	0	11	6	6
ENSG00000206206	177	343	21	139
ENSG00000206208	403	0	691	458
ENSG00000206228	3	0	0	0
ENSG00000206235	6	1	28	1
ENSG00000206237	0	0	0	0
ENSG00000206240	0	0	0	0
ENSG00000206245	0	0	0	0
ENSG00000206256	132	0	1	1
ENSG00000206258	1115	3	267	1669
ENSG00000206260	0	0	0	0
ENSG00000206262	5	10	13	14
ENSG00000206268	130	151	177	102
ENSG00000206279	1	0	67	10
ENSG00000206280	7	3	111	0
ENSG00000206281	180	454	1097	77
ENSG00000206282	418	438	432	294
ENSG00000206283	49	72	61	46
ENSG00000206284	6	4	96	3
ENSG00000206285	0	0	43	0
ENSG00000206286	18	30	195	5
ENSG00000206287	0	0	0	211
ENSG00000206288	583	646	656	540
ENSG00000206289	32	32	27	37
ENSG00000206290	1	0	2	5
ENSG00000206291	0	4	3	2
ENSG00000206292	1	0	1	0
ENSG00000206297	149	144	133	76
ENSG00000206298	76	75	80	43
ENSG00000206299	17	16	180	84
ENSG00000206301	0	0	0	0
ENSG00000206302	0	0	0	0
ENSG00000206305	0	0	0	0
ENSG00000206306	0	0	0	0
ENSG00000206308	0	0	0	0

ENSG00000206310	1	0	0	0
ENSG00000206312	2	2	2	3
ENSG00000206314	8	23	29	10
ENSG00000206315	25	22	32	21
ENSG00000206320	9	6	10	4
ENSG00000206324	295	5	0	15
ENSG00000206329	16	13	62	61
ENSG00000206331	14	17	19	23
ENSG00000206338	0	0	0	1
ENSG00000206340	21	41	138	131
ENSG00000206341	13	8	2	23
ENSG00000206342	3	5	11	21
ENSG00000206344	9	25	16	25
ENSG00000206346	15	38	101	53
ENSG00000206353	356	238	378	214
ENSG00000206355	0	1	31	36
ENSG00000206356	1	0	5	1
ENSG00000206357	130	151	177	102
ENSG00000206366	7	0	0	14
ENSG00000206372	96	73	15	76
ENSG00000206376	550	494	1338	734
ENSG00000206378	0	0	0	0
ENSG00000206379	463	491	482	313
ENSG00000206380	1367	840	620	560
ENSG00000206383	33	20	30	24
ENSG00000206384	3434	1465	616	2037
ENSG00000206394	465	573	528	472
ENSG00000206395	252	189	265	297
ENSG00000206396	0	0	1	1
ENSG00000206398	0	0	2	0
ENSG00000206401	0	0	0	0
ENSG00000206402	0	1	0	0
ENSG00000206403	107	92	1	5
ENSG00000206404	7	6	0	0
ENSG00000206406	236	422	10	7
ENSG00000206408	107	117	0	0
ENSG00000206409	8	7	8	7
ENSG00000206412	73	225	370	333
ENSG00000206418	846	802	892	637
ENSG00000206422	0	0	0	0
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ENSG00000206428	0	0	0	0
ENSG00000206430	0	0	0	0

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ENSG00000206433	0	0	0	0
ENSG00000206435	1	47	133	64
ENSG00000206437	0	0	0	0
ENSG00000206439	0	0	0	0
ENSG00000206440	65	78	73	19
ENSG00000206444	9	0	0	0
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ENSG00000206447	0	0	0	0
ENSG00000206448	0	0	0	0
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ENSG00000206450	27	2	531	183
ENSG00000206452	31	3118	121	58
ENSG00000206454	0	0	0	1
ENSG00000206455	0	48	21	25
ENSG00000206457	1	103	48	12
ENSG00000206458	0	0	0	0
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ENSG00000206460	0	0	0	0
ENSG00000206461	0	0	0	0
ENSG00000206463	2	0	2	1
ENSG00000206465	0	0	0	0
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ENSG00000206472	0	0	0	0
ENSG00000206474	0	0	0	0
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ENSG00000206478	0	108	0	0
ENSG00000206480	463	491	482	313
ENSG00000206481	3	3	7	3
ENSG00000206483	0	1	2	1
ENSG00000206484	24	32	20	16
ENSG00000206485	47	46	33	33
ENSG00000206486	2	8	4	1
ENSG00000206487	14	34	17	32
ENSG00000206488	42	16	24	24
ENSG00000206489	188	268	135	133
ENSG00000206490	322	203	296	221
ENSG00000206491	51	38	40	36
ENSG00000206492	49	42	43	43

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ENSG00000206502	0	0	0	0
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ENSG00000206505	43	9	52	59
ENSG00000206506	0	0	0	0
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ENSG00000206560	3720	5242	5057	3943
ENSG00000206561	51	45	68	85
ENSG00000206562	260	325	283	217
ENSG00000206579	1	10	12	9
ENSG00000211445	919	3164	1592	1749
ENSG00000211448	257	467	239	508
ENSG00000211450	539	615	605	418
ENSG00000211451	49	50	56	40
ENSG00000211452	2	5	4	3
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ENSG00000211455	369	506	658	341

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ENSG00000212124	0	2	1	1
ENSG00000212125	1	1	2	1
ENSG00000212126	0	0	0	0
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ENSG00000212128	0	0	1	0
ENSG00000212643	11	0	29	0
ENSG00000212657	0	0	0	0
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ENSG00000212664	10	1	3	3
ENSG00000212695	0	0	1	0
ENSG00000212710	0	0	1	0
ENSG00000212712	0	0	0	0
ENSG00000212717	0	0	0	0
ENSG00000212719	532	477	829	463
ENSG00000212721	0	0	0	0
ENSG00000212722	0	0	0	0
ENSG00000212724	0	0	0	1
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ENSG00000212747	635	693	820	573

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ENSG00000212802	12	3	9	6
ENSG00000212807	4	0	3	0
ENSG00000212829	1	1	0	1
ENSG00000212864	47	54	70	53
ENSG00000212866	163	206	1144	1170
ENSG00000212899	0	0	0	0
ENSG00000212900	0	0	0	0
ENSG00000212901	0	0	0	0
ENSG00000212907	6282	7691	8631	6092
ENSG00000212916	36	39	37	37
ENSG00000212932	0	0	18	0
ENSG00000212933	0	0	0	0
ENSG00000212935	0	0	0	0
ENSG00000212938	0	0	0	0
ENSG00000212951	0	0	0	0
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ENSG00000213022	0	0	0	0
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ENSG00000213063	0	0	0	0
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ENSG00000213066	351	378	432	243
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ENSG00000213070	0	0	0	0
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ENSG00000213073	92	91	158	86
ENSG00000213075	0	0	1	0
ENSG00000213076	0	1	0	0
ENSG00000213077	36	46	29	13
ENSG00000213078	0	0	0	0
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ENSG00000213083	0	0	0	0
ENSG00000213085	23	18	31	17
ENSG00000213087	0	1	0	1
ENSG00000213088	0	0	0	0
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ENSG00000213090	1	3	1	1
ENSG00000213091	0	0	0	0
ENSG00000213096	150	233	243	194
ENSG00000213100	0	0	0	0
ENSG00000213104	0	1	0	0
ENSG00000213107	0	0	0	0
ENSG00000213108	0	0	0	0
ENSG00000213109	0	0	0	0
ENSG00000213110	0	0	0	0

ENSG00000213111	0	2	0	0
ENSG00000213113	0	0	0	0
ENSG00000213115	0	0	0	0
ENSG00000213117	0	0	0	0
ENSG00000213118	0	0	0	0
ENSG00000213120	0	0	0	0
ENSG00000213122	0	0	0	0
ENSG00000213123	69	71	76	68
ENSG00000213126	0	0	0	0
ENSG00000213128	0	0	0	0
ENSG00000213130	0	0	0	0
ENSG00000213131	0	5	6	2
ENSG00000213133	0	0	0	0
ENSG00000213137	0	0	0	0
ENSG00000213139	27	45	49	34
ENSG00000213140	0	0	0	0
ENSG00000213144	8	2	4	5
ENSG00000213145	5	25	13	16
ENSG00000213147	0	0	0	0
ENSG00000213148	0	0	0	0
ENSG00000213149	0	4	0	8
ENSG00000213150	0	0	0	0
ENSG00000213152	1	0	0	0
ENSG00000213153	0	0	0	0
ENSG00000213155	0	0	0	0
ENSG00000213157	0	0	0	0
ENSG00000213158	0	0	0	0
ENSG00000213159	0	0	0	0
ENSG00000213160	96	94	176	91
ENSG00000213169	0	1	1	0
ENSG00000213170	0	0	0	0
ENSG00000213171	0	0	0	0
ENSG00000213172	0	0	0	0
ENSG00000213174	1	1	1	2
ENSG00000213176	0	0	0	0
ENSG00000213177	0	0	0	0
ENSG00000213178	129	0	26	38
ENSG00000213179	0	0	1	0
ENSG00000213180	0	0	0	0
ENSG00000213181	0	0	0	0
ENSG00000213182	0	0	0	0
ENSG00000213183	0	0	0	0
ENSG00000213184	0	0	1	0

ENSG00000213185	39	64	41	42
ENSG00000213186	298	544	358	275
ENSG00000213187	0	0	0	0
ENSG00000213188	0	0	0	0
ENSG00000213189	58	128	93	69
ENSG00000213190	207	248	345	214
ENSG00000213194	0	0	0	0
ENSG00000213197	0	0	0	0
ENSG00000213199	46	36	43	32
ENSG00000213201	0	0	0	0
ENSG00000213203	6	10	12	7
ENSG00000213204	27	42	19	38
ENSG00000213205	0	0	1	0
ENSG00000213209	0	0	0	0
ENSG00000213210	0	0	0	0
ENSG00000213211	0	0	0	2
ENSG00000213212	5	6	2	1
ENSG00000213213	43	72	46	37
ENSG00000213214	89	188	40	69
ENSG00000213215	0	0	0	0
ENSG00000213216	0	0	0	1
ENSG00000213218	0	0	0	0
ENSG00000213221	83	86	102	59
ENSG00000213222	29	33	38	16
ENSG00000213225	3	2	46	2
ENSG00000213226	0	0	0	0
ENSG00000213228	10	0	0	0
ENSG00000213231	0	0	0	0
ENSG00000213232	0	0	0	0
ENSG00000213233	0	0	0	0
ENSG00000213234	0	0	0	0
ENSG00000213235	2	1	3	1
ENSG00000213236	0	0	0	0
ENSG00000213237	0	0	0	0
ENSG00000213238	0	0	0	0
ENSG00000213239	1	2	0	0
ENSG00000213240	80	74	22	109
ENSG00000213244	2	5	6	2
ENSG00000213246	797	1114	1055	681
ENSG00000213247	0	0	0	0
ENSG00000213250	0	0	0	4
ENSG00000213252	0	0	0	0
ENSG00000213253	2	0	0	0

ENSG00000213260	0	0	0	0
ENSG00000213261	1	1	0	1
ENSG00000213262	0	0	0	0
ENSG00000213264	0	0	0	0
ENSG00000213265	0	3	0	0
ENSG00000213269	0	1	1	1
ENSG00000213270	0	0	2	0
ENSG00000213272	0	1	0	0
ENSG00000213275	1	1	0	0
ENSG00000213277	1	3	5	1
ENSG00000213280	0	2	1	0
ENSG00000213281	770	785	803	610
ENSG00000213285	11	11	0	9
ENSG00000213287	0	0	0	0
ENSG00000213290	1	2	1	0
ENSG00000213291	0	0	0	0
ENSG00000213293	0	0	0	0
ENSG00000213295	0	0	0	0
ENSG00000213296	0	0	0	0
ENSG00000213297	48	99	70	81
ENSG00000213300	11	41	28	12
ENSG00000213301	0	0	0	0
ENSG00000213302	0	0	0	0
ENSG00000213303	1	2	3	0
ENSG00000213304	1	3	3	1
ENSG00000213305	0	1	0	0
ENSG00000213307	0	0	0	0
ENSG00000213309	0	0	0	0
ENSG00000213310	0	0	0	0
ENSG00000213312	0	0	0	2
ENSG00000213315	1	1	1	1
ENSG00000213316	9	9	8	11
ENSG00000213318	0	0	0	0
ENSG00000213326	3	5	0	2
ENSG00000213328	0	0	1	0
ENSG00000213331	0	0	0	0
ENSG00000213332	0	0	0	0
ENSG00000213333	0	0	0	0
ENSG00000213335	0	0	0	0
ENSG00000213337	111	144	89	93
ENSG00000213338	1	2	1	0
ENSG00000213339	510	487	479	477
ENSG00000213341	528	502	643	421

ENSG00000213343	2	1	0	0
ENSG00000213344	0	0	1	0
ENSG00000213347	52	85	76	40
ENSG00000213352	0	1	0	1
ENSG00000213355	0	0	0	0
ENSG00000213358	6	7	4	6
ENSG00000213361	0	0	0	0
ENSG00000213362	5	4	13	3
ENSG00000213363	0	0	1	1
ENSG00000213365	0	0	0	0
ENSG00000213366	1328	1572	1721	1479
ENSG00000213368	0	0	0	0
ENSG00000213370	0	0	0	0
ENSG00000213371	0	1	0	0
ENSG00000213376	1	0	0	0
ENSG00000213380	654	707	644	615
ENSG00000213383	0	0	0	0
ENSG00000213384	0	0	1	0
ENSG00000213385	1	0	3	0
ENSG00000213386	0	0	0	0
ENSG00000213390	227	265	210	179
ENSG00000213391	0	0	1	0
ENSG00000213393	0	0	0	0
ENSG00000213394	1	1	0	0
ENSG00000213397	548	369	419	418
ENSG00000213398	193	238	198	179
ENSG00000213399	1	1	1	0
ENSG00000213400	0	0	0	0
ENSG00000213401	0	0	0	0
ENSG00000213402	1	0	5	0
ENSG00000213403	0	0	0	0
ENSG00000213406	0	2	2	3
ENSG00000213409	0	0	0	0
ENSG00000213411	4	6	6	3
ENSG00000213412	0	2	1	5
ENSG00000213413	22	19	18	22
ENSG00000213414	0	0	0	1
ENSG00000213416	0	0	0	0
ENSG00000213417	0	0	0	0
ENSG00000213420	46	28	34	11
ENSG00000213421	0	0	0	1
ENSG00000213423	0	0	0	0
ENSG00000213424	0	0	0	1

ENSG00000213430	1	0	0	0
ENSG00000213431	0	0	0	0
ENSG00000213432	0	0	1	0
ENSG00000213433	3	12	9	12
ENSG00000213434	0	4	0	0
ENSG00000213435	13	21	13	7
ENSG00000213438	0	0	0	0
ENSG00000213439	0	0	0	0
ENSG00000213440	0	0	1	0
ENSG00000213442	19	0	12	4
ENSG00000213443	22	34	25	29
ENSG00000213445	476	670	524	445
ENSG00000213448	0	1	0	0
ENSG00000213449	0	0	0	0
ENSG00000213450	0	0	0	0
ENSG00000213451	0	0	0	0
ENSG00000213452	0	0	0	0
ENSG00000213453	10	13	14	7
ENSG00000213455	0	0	0	0
ENSG00000213461	0	0	0	0
ENSG00000213462	271	351	289	229
ENSG00000213463	940	979	956	745
ENSG00000213465	1613	1362	1387	1094
ENSG00000213467	0	0	0	0
ENSG00000213470	0	0	0	0
ENSG00000213471	4	4	2	9
ENSG00000213478	1	1	2	0
ENSG00000213480	0	1	0	0
ENSG00000213483	0	0	0	0
ENSG00000213484	0	1	0	0
ENSG00000213486	0	0	0	0
ENSG00000213487	0	0	0	0
ENSG00000213488	0	0	0	0
ENSG00000213489	0	0	0	0
ENSG00000213492	1	1	0	0
ENSG00000213493	0	2	0	0
ENSG00000213495	0	0	0	0
ENSG00000213498	0	0	0	0
ENSG00000213500	0	1	2	0
ENSG00000213509	0	0	0	0
ENSG00000213512	1	1	1	0
ENSG00000213513	1	0	0	1
ENSG00000213514	0	0	2	0

ENSG00000213516	176	271	279	205
ENSG00000213519	0	0	0	3
ENSG00000213522	0	0	0	0
ENSG00000213523	524	510	689	366
ENSG00000213525	0	0	0	0
ENSG00000213526	0	0	0	0
ENSG00000213527	1	0	0	0
ENSG00000213529	0	0	0	1
ENSG00000213530	0	0	0	0
ENSG00000213533	651	705	864	619
ENSG00000213536	0	0	0	0
ENSG00000213538	0	0	1	1
ENSG00000213539	0	0	0	0
ENSG00000213540	0	0	1	0
ENSG00000213542	0	5	0	5
ENSG00000213543	0	0	0	0
ENSG00000213547	0	0	0	0
ENSG00000213548	0	0	0	0
ENSG00000213549	0	0	0	0
ENSG00000213551	246	333	357	255
ENSG00000213553	8	14	6	3
ENSG00000213556	0	0	0	0
ENSG00000213557	1	1	0	0
ENSG00000213558	0	0	0	0
ENSG00000213559	0	0	0	0
ENSG00000213560	0	0	0	0
ENSG00000213561	0	0	0	1
ENSG00000213563	324	301	278	276
ENSG00000213568	1	0	0	0
ENSG00000213569	0	1	1	0
ENSG00000213574	0	0	0	0
ENSG00000213578	0	0	0	0
ENSG00000213579	0	0	0	0
ENSG00000213585	2495	2957	2949	2143
ENSG00000213587	0	0	0	0
ENSG00000213588	0	10	12	0
ENSG00000213590	13	23	24	20
ENSG00000213592	0	0	0	2
ENSG00000213593	830	1089	1175	752
ENSG00000213594	1	0	0	0
ENSG00000213598	0	0	1	0
ENSG00000213601	0	2	0	0
ENSG00000213604	0	0	0	0

ENSG00000213605	0	0	3	1
ENSG00000213606	0	0	0	0
ENSG00000213607	0	0	0	0
ENSG00000213608	0	0	1	0
ENSG00000213609	0	1	2	1
ENSG00000213612	0	1	0	0
ENSG00000213613	1	1	1	2
ENSG00000213614	4412	5328	5071	3286
ENSG00000213619	658	672	651	442
ENSG00000213620	0	1	0	0
ENSG00000213621	30	52	60	30
ENSG00000213625	4240	4714	4337	3341
ENSG00000213626	6109	16296	3869	5518
ENSG00000213630	0	0	0	0
ENSG00000213638	35	26	20	17
ENSG00000213639	3358	4223	3631	3034
ENSG00000213640	1	0	0	0
ENSG00000213641	1	1	0	0
ENSG00000213642	0	0	0	0
ENSG00000213643	0	0	0	0
ENSG00000213644	0	0	0	0
ENSG00000213645	0	0	0	0
ENSG00000213648	107	38	182	10
ENSG00000213650	0	0	0	0
ENSG00000213652	0	0	0	0
ENSG00000213653	0	0	0	0
ENSG00000213654	8	23	29	10
ENSG00000213655	0	0	0	0
ENSG00000213657	0	0	0	0
ENSG00000213658	164	195	94	124
ENSG00000213659	0	0	0	0
ENSG00000213661	0	0	0	0
ENSG00000213663	0	1	0	0
ENSG00000213664	0	0	0	0
ENSG00000213667	0	1	0	0
ENSG00000213669	0	0	0	0
ENSG00000213671	0	1	4	0
ENSG00000213672	438	660	443	348
ENSG00000213673	0	0	0	0
ENSG00000213676	74	665	697	257
ENSG00000213683	0	0	0	1
ENSG00000213684	0	0	0	0
ENSG00000213689	150	196	102	129

ENSG00000213690	0	1	0	0
ENSG00000213693	12	36	22	11
ENSG00000213694	3052	4172	3712	3603
ENSG00000213695	2	0	0	0
ENSG00000213697	1	0	0	0
ENSG00000213698	0	0	0	0
ENSG00000213699	903	1125	1105	838
ENSG00000213700	4	7	15	5
ENSG00000213701	0	0	0	0
ENSG00000213703	1	0	0	0
ENSG00000213704	0	0	0	0
ENSG00000213706	2	1	0	0
ENSG00000213707	0	0	0	0
ENSG00000213708	0	0	0	0
ENSG00000213711	0	0	0	0
ENSG00000213713	117	131	143	101
ENSG00000213714	1	1	0	3
ENSG00000213716	0	0	0	0
ENSG00000213717	0	0	0	0
ENSG00000213719	465	573	528	472
ENSG00000213721	0	0	0	0
ENSG00000213722	749	942	13	22
ENSG00000213724	0	0	0	0
ENSG00000213726	0	0	0	0
ENSG00000213727	1	0	0	0
ENSG00000213729	0	0	0	0
ENSG00000213730	1	3	0	0
ENSG00000213731	0	0	0	0
ENSG00000213735	0	0	0	0
ENSG00000213736	0	0	0	0
ENSG00000213739	0	0	0	0
ENSG00000213740	0	0	0	0
ENSG00000213741	4598	3745	3141	2684
ENSG00000213744	0	0	0	0
ENSG00000213747	0	0	0	0
ENSG00000213750	0	0	0	0
ENSG00000213752	1	0	0	0
ENSG00000213753	1121	1028	753	766
ENSG00000213754	0	0	1	2
ENSG00000213755	0	0	0	0
ENSG00000213757	5	1	6	1
ENSG00000213759	0	0	0	0
ENSG00000213760	10	9	14	6

ENSG00000213761	0	0	0	0
ENSG00000213762	404	588	526	322
ENSG00000213763	0	2	0	1
ENSG00000213770	0	0	0	1
ENSG00000213771	0	0	0	0
ENSG00000213772	0	0	0	0
ENSG00000213774	0	0	0	0
ENSG00000213777	3	4	4	5
ENSG00000213778	0	0	0	0
ENSG00000213779	0	0	0	0
ENSG00000213780	30	74	42	19
ENSG00000213781	0	0	0	0
ENSG00000213782	745	784	807	651
ENSG00000213783	0	0	0	0
ENSG00000213785	0	0	1	0
ENSG00000213786	0	0	0	0
ENSG00000213787	0	0	0	0
ENSG00000213790	0	0	0	0
ENSG00000213791	0	0	0	0
ENSG00000213798	0	0	0	0
ENSG00000213799	153	198	182	165
ENSG00000213801	36	43	26	32
ENSG00000213809	5	5	8	7
ENSG00000213816	0	0	0	0
ENSG00000213820	0	0	0	0
ENSG00000213822	0	0	0	0
ENSG00000213830	0	2	2	1
ENSG00000213839	93	87	60	56
ENSG00000213842	0	0	0	1
ENSG00000213846	154	210	318	204
ENSG00000213849	0	0	0	1
ENSG00000213851	0	0	0	0
ENSG00000213853	1069	1552	1007	1095
ENSG00000213854	0	0	0	0
ENSG00000213856	0	0	0	0
ENSG00000213857	0	0	2	0
ENSG00000213859	744	995	741	594
ENSG00000213860	0	0	9	0
ENSG00000213862	0	1	0	2
ENSG00000213864	0	0	0	0
ENSG00000213865	73	76	106	57
ENSG00000213866	3	2	5	0
ENSG00000213867	0	0	0	0

ENSG00000213871	0	4	0	0
ENSG00000213872	0	1	0	2
ENSG00000213873	0	0	0	0
ENSG00000213875	0	0	0	0
ENSG00000213876	0	0	0	0
ENSG00000213877	0	1	0	0
ENSG00000213880	0	0	0	0
ENSG00000213881	0	0	1	0
ENSG00000213882	0	0	0	0
ENSG00000213885	7	8	12	10
ENSG00000213886	0	0	0	0
ENSG00000213889	21	18	9	21
ENSG00000213891	0	0	0	0
ENSG00000213892	0	0	0	0
ENSG00000213896	0	0	0	0
ENSG00000213900	0	0	0	0
ENSG00000213901	49	29	30	33
ENSG00000213903	85	68	72	54
ENSG00000213906	25	23	21	22
ENSG00000213908	0	0	0	0
ENSG00000213911	0	0	0	0
ENSG00000213916	0	0	0	0
ENSG00000213917	0	0	1	0
ENSG00000213918	763	799	844	886
ENSG00000213920	110	94	68	97
ENSG00000213921	0	0	0	0
ENSG00000213923	2601	2910	2519	1816
ENSG00000213924	0	0	0	0
ENSG00000213925	0	0	1	0
ENSG00000213926	0	0	0	0
ENSG00000213927	7	8	14	4
ENSG00000213928	880	1094	999	729
ENSG00000213930	324	451	359	281
ENSG00000213931	2	1	1	0
ENSG00000213934	0	0	0	0
ENSG00000213935	0	0	0	0
ENSG00000213937	3	0	0	1
ENSG00000213938	0	2	0	0
ENSG00000213939	2	1	1	1
ENSG00000213940	0	0	0	0
ENSG00000213942	0	0	1	0
ENSG00000213943	0	1	0	1
ENSG00000213946	0	0	0	0

ENSG00000213949	866	1453	1639	783
ENSG00000213950	1	0	0	1
ENSG00000213954	0	0	0	0
ENSG00000213956	0	0	0	0
ENSG00000213958	0	0	0	0
ENSG00000213959	0	0	0	0
ENSG00000213962	0	0	0	0
ENSG00000213964	0	0	0	0
ENSG00000213965	123	165	144	120
ENSG00000213967	16	25	19	15
ENSG00000213970	1	2	1	0
ENSG00000213972	1	0	0	0
ENSG00000213973	8	4	9	1
ENSG00000213976	3	5	7	1
ENSG00000213977	2986	3400	2860	2913
ENSG00000213979	0	1	2	0
ENSG00000213983	570	687	653	485
ENSG00000213985	1	0	0	0
ENSG00000213987	0	0	0	0
ENSG00000213988	33	28	34	36
ENSG00000213995	884	1037	867	750
ENSG00000213996	39	74	54	35
ENSG00000213997	2	2	0	1
ENSG00000213999	26	4	35	33
ENSG00000214003	0	0	0	0
ENSG00000214009	0	0	0	0
ENSG00000214012	0	0	0	0
ENSG00000214013	564	549	453	440
ENSG00000214015	0	0	0	0
ENSG00000214016	1	1	1	1
ENSG00000214018	1	4	3	1
ENSG00000214019	0	0	0	0
ENSG00000214020	0	0	1	0
ENSG00000214021	1510	2052	1529	1377
ENSG00000214022	1055	1036	933	842
ENSG00000214024	0	0	0	0
ENSG00000214025	0	0	0	0
ENSG00000214026	507	459	507	348
ENSG00000214027	0	0	0	0
ENSG00000214029	139	195	179	119
ENSG00000214031	6	3	6	8
ENSG00000214035	0	0	0	0
ENSG00000214041	0	0	0	0

ENSG00000214042	0	0	0	0
ENSG00000214045	0	0	0	0
ENSG00000214046	794	861	815	683
ENSG00000214047	0	0	0	0
ENSG00000214050	2	2	2	2
ENSG00000214051	0	0	0	0
ENSG00000214062	2	1	0	0
ENSG00000214063	1808	2293	1857	1809
ENSG00000214064	0	0	0	0
ENSG00000214067	0	0	0	0
ENSG00000214070	1	1	0	0
ENSG00000214071	0	0	0	0
ENSG00000214073	1	0	0	0
ENSG00000214074	0	1	0	0
ENSG00000214076	0	2	1	0
ENSG00000214077	0	0	0	0
ENSG00000214078	1966	2214	2060	1846
ENSG00000214081	0	0	0	3
ENSG00000214087	375	411	522	376
ENSG00000214089	0	1	0	1
ENSG00000214093	0	0	0	0
ENSG00000214097	0	1	0	0
ENSG00000214100	2	1	1	0
ENSG00000214102	2	3	8	7
ENSG00000214107	0	0	0	0
ENSG00000214108	0	0	0	1
ENSG00000214110	55	33	23	3
ENSG00000214111	0	0	0	0
ENSG00000214113	460	496	410	461
ENSG00000214114	113	198	167	146
ENSG00000214121	2	2	3	5
ENSG00000214124	0	0	0	0
ENSG00000214125	0	0	0	0
ENSG00000214128	9	13	30	10
ENSG00000214132	0	0	0	0
ENSG00000214135	266	324	373	228
ENSG00000214140	67	73	49	71
ENSG00000214141	1	0	0	0
ENSG00000214142	0	0	1	1
ENSG00000214144	0	0	0	0
ENSG00000214147	0	1	0	0
ENSG00000214160	395	384	617	297
ENSG00000214161	0	0	0	0

ENSG00000214174	267	416	272	255
ENSG00000214176	577	596	503	491
ENSG00000214178	0	0	0	0
ENSG00000214182	4	1	13	4
ENSG00000214185	0	2	1	1
ENSG00000214189	155	279	209	144
ENSG00000214190	0	0	0	0
ENSG00000214192	1	0	0	0
ENSG00000214193	242	285	198	187
ENSG00000214195	0	0	0	0
ENSG00000214198	26	9	10	7
ENSG00000214199	14	21	27	22
ENSG00000214200	0	0	0	0
ENSG00000214203	2	0	0	1
ENSG00000214204	0	0	0	0
ENSG00000214207	0	0	0	0
ENSG00000214210	0	1	1	4
ENSG00000214211	0	0	0	0
ENSG00000214212	21	16	32	20
ENSG00000214215	0	0	0	0
ENSG00000214216	0	0	0	0
ENSG00000214222	1	0	1	0
ENSG00000214223	0	2	8	8
ENSG00000214226	27	32	41	37
ENSG00000214237	0	0	0	0
ENSG00000214243	1	1	1	1
ENSG00000214244	0	0	1	0
ENSG00000214245	0	0	0	0
ENSG00000214249	1	0	1	0
ENSG00000214252	0	0	0	0
ENSG00000214253	1105	1459	1153	1116
ENSG00000214254	0	0	0	0
ENSG00000214255	0	0	0	0
ENSG00000214259	0	0	0	0
ENSG00000214262	0	0	0	0
ENSG00000214263	9	3	0	0
ENSG00000214264	1	0	0	0
ENSG00000214265	14	43	31	20
ENSG00000214266	0	0	0	0
ENSG00000214268	0	0	0	0
ENSG00000214269	0	1	2	2
ENSG00000214273	3	0	0	0
ENSG00000214274	159	149	111	104

ENSG00000214278	0	0	0	0
ENSG00000214279	86	59	66	38
ENSG00000214280	2	1	4	0
ENSG00000214281	0	0	0	0
ENSG00000214282	1	7	2	0
ENSG00000214283	0	0	0	0
ENSG00000214285	0	0	0	0
ENSG00000214286	0	0	0	0
ENSG00000214288	0	0	0	0
ENSG00000214289	0	0	0	0
ENSG00000214290	22	16	5	11
ENSG00000214295	0	0	0	0
ENSG00000214297	1	0	0	0
ENSG00000214298	0	0	0	0
ENSG00000214300	58	77	106	64
ENSG00000214301	0	0	0	0
ENSG00000214309	21	29	21	51
ENSG00000214313	0	0	0	0
ENSG00000214318	0	0	0	0
ENSG00000214319	0	0	0	1
ENSG00000214321	0	1	0	0
ENSG00000214322	0	0	0	0
ENSG00000214326	0	0	0	0
ENSG00000214329	0	0	0	0
ENSG00000214330	0	0	0	0
ENSG00000214331	128	88	132	90
ENSG00000214335	0	0	0	0
ENSG00000214336	1	1	1	3
ENSG00000214338	80	90	90	56
ENSG00000214342	0	0	0	0
ENSG00000214344	0	0	2	0
ENSG00000214351	0	0	0	0
ENSG00000214354	0	0	0	0
ENSG00000214357	247	264	87	175
ENSG00000214359	0	1	0	0
ENSG00000214360	1	0	0	0
ENSG00000214362	0	0	2	0
ENSG00000214366	0	0	0	0
ENSG00000214367	213	289	251	206
ENSG00000214369	1	1	0	1
ENSG00000214374	0	0	0	0
ENSG00000214376	11	14	24	17
ENSG00000214380	0	0	0	0

ENSG00000214389	11	9	10	2
ENSG00000214391	2	1	2	2
ENSG00000214402	264	180	138	145
ENSG00000214405	0	0	0	0
ENSG00000214413	218	299	293	179
ENSG00000214414	0	0	0	0
ENSG00000214415	0	0	0	0
ENSG00000214417	0	0	2	0
ENSG00000214424	0	0	0	0
ENSG00000214425	449	576	318	429
ENSG00000214428	0	0	0	0
ENSG00000214429	0	0	0	0
ENSG00000214433	5	0	2	3
ENSG00000214434	0	0	0	0
ENSG00000214435	69	106	105	42
ENSG00000214439	12	6	3	7
ENSG00000214447	62	73	41	38
ENSG00000214455	144	342	83	168
ENSG00000214456	6	7	9	4
ENSG00000214457	0	0	0	0
ENSG00000214460	0	0	0	0
ENSG00000214465	0	0	0	1
ENSG00000214484	0	0	0	0
ENSG00000214485	19	5	16	3
ENSG00000214487	0	1	0	0
ENSG00000214491	10	13	14	41
ENSG00000214510	4	6	3	1
ENSG00000214511	0	0	0	1
ENSG00000214513	4	4	2	2
ENSG00000214514	0	8	9	0
ENSG00000214517	832	762	950	747
ENSG00000214518	0	0	0	0
ENSG00000214525	2	4	4	4
ENSG00000214526	0	0	0	0
ENSG00000214530	116	170	126	120
ENSG00000214533	0	0	0	0
ENSG00000214534	1	0	4	3
ENSG00000214535	2	1	0	0
ENSG00000214541	0	0	0	1
ENSG00000214544	11	14	0	21
ENSG00000214549	0	0	0	0
ENSG00000214552	0	0	0	0
ENSG00000214553	1	4	2	5

ENSG00000214558	0	1	0	0
ENSG00000214560	0	0	0	0
ENSG00000214561	0	0	0	0
ENSG00000214562	193	158	209	169
ENSG00000214563	0	1	1	0
ENSG00000214575	797	647	521	595
ENSG00000214578	1	0	0	0
ENSG00000214581	0	0	0	0
ENSG00000214584	0	0	0	0
ENSG00000214593	0	0	1	0
ENSG00000214595	24	16	41	22
ENSG00000214602	0	0	0	0
ENSG00000214604	0	0	0	0
ENSG00000214607	0	0	0	0
ENSG00000214612	1	0	0	1
ENSG00000214617	4	1	1	0
ENSG00000214626	0	0	0	0
ENSG00000214628	0	0	0	0
ENSG00000214629	0	0	1	1
ENSG00000214641	0	0	1	0
ENSG00000214642	0	0	0	0
ENSG00000214643	0	0	0	0
ENSG00000214646	0	1	1	1
ENSG00000214651	0	0	1	1
ENSG00000214652	1	1	0	0
ENSG00000214653	0	0	0	0
ENSG00000214654	21	37	16	23
ENSG00000214655	2356	2575	3224	1750
ENSG00000214657	1	1	0	0
ENSG00000214659	1	12	5	1
ENSG00000214660	0	0	0	0
ENSG00000214668	0	0	0	0
ENSG00000214669	0	0	0	0
ENSG00000214671	0	2	0	0
ENSG00000214676	1	0	0	0
ENSG00000214681	0	0	0	0
ENSG00000214684	0	0	0	0
ENSG00000214686	0	0	0	0
ENSG00000214688	24	81	21	38
ENSG00000214694	33	24	12	42
ENSG00000214695	0	0	1	2
ENSG00000214700	0	0	0	1
ENSG00000214702	0	0	0	0

ENSG00000214706	321	380	362	303
ENSG00000214711	11	13	8	10
ENSG00000214717	679	672	761	499
ENSG00000214720	0	0	0	0
ENSG00000214727	0	0	1	0
ENSG00000214732	0	0	0	0
ENSG00000214736	774	852	869	576
ENSG00000214743	0	0	0	0
ENSG00000214745	0	0	0	0
ENSG00000214748	0	0	0	0
ENSG00000214753	2057	2018	2174	1577
ENSG00000214754	0	0	0	0
ENSG00000214756	83	77	108	67
ENSG00000214759	0	0	0	0
ENSG00000214760	0	0	0	0
ENSG00000214761	0	0	0	0
ENSG00000214765	195	267	159	263
ENSG00000214776	83	78	70	71
ENSG00000214782	0	0	0	0
ENSG00000214784	0	1	2	2
ENSG00000214787	18	12	14	17
ENSG00000214788	0	0	0	0
ENSG00000214794	0	0	0	0
ENSG00000214796	4	5	3	1
ENSG00000214807	0	1	0	0
ENSG00000214810	0	0	0	0
ENSG00000214812	0	0	0	0
ENSG00000214814	341	196	519	835
ENSG00000214815	0	0	0	0
ENSG00000214819	0	0	0	1
ENSG00000214820	2	3	7	4
ENSG00000214821	0	0	0	0
ENSG00000214822	0	0	0	0
ENSG00000214823	0	0	0	0
ENSG00000214825	0	0	0	0
ENSG00000214826	11	11	16	8
ENSG00000214827	89	72	52	61
ENSG00000214832	4	4	9	2
ENSG00000214835	0	0	0	0
ENSG00000214837	28	108	55	40
ENSG00000214842	0	0	0	0
ENSG00000214843	0	0	0	0
ENSG00000214846	5	1	9	4

ENSG00000214853	0	0	0	0
ENSG00000214855	3	3	3	1
ENSG00000214856	0	0	0	0
ENSG00000214857	0	0	0	0
ENSG00000214860	0	0	0	0
ENSG00000214866	0	0	0	0
ENSG00000214867	3	0	1	2
ENSG00000214869	2	0	0	0
ENSG00000214872	5	1	1	8
ENSG00000214875	0	0	0	1
ENSG00000214878	0	0	0	0
ENSG00000214880	0	0	0	0
ENSG00000214881	0	0	0	0
ENSG00000214883	0	0	0	0
ENSG00000214886	0	0	0	0
ENSG00000214889	9	24	6	20
ENSG00000214890	0	0	0	0
ENSG00000214891	0	0	0	0
ENSG00000214892	0	0	0	0
ENSG00000214896	0	1	0	0
ENSG00000214897	0	0	0	0
ENSG00000214903	0	0	0	0
ENSG00000214904	0	0	0	0
ENSG00000214908	0	0	1	0
ENSG00000214914	7	8	5	4
ENSG00000214917	0	0	0	0
ENSG00000214925	0	0	0	2
ENSG00000214929	0	0	0	0
ENSG00000214930	0	0	0	0
ENSG00000214940	28	11	445	8
ENSG00000214941	188	185	253	217
ENSG00000214943	0	0	0	0
ENSG00000214944	354	472	552	374
ENSG00000214946	1	0	0	1
ENSG00000214954	11	14	17	18
ENSG00000214960	41	48	36	21
ENSG00000214961	0	0	0	0
ENSG00000214967	51	123	127	37
ENSG00000214973	0	0	0	0
ENSG00000214975	2	0	2	0
ENSG00000214976	0	0	0	0
ENSG00000214978	0	0	0	0
ENSG00000214980	0	0	0	0

ENSG00000214988	0	0	0	0
ENSG00000214992	0	0	0	0
ENSG00000214998	0	0	0	1
ENSG00000215000	0	0	0	0
ENSG00000215002	0	0	0	0
ENSG00000215003	1	0	0	0
ENSG00000215004	0	0	0	0
ENSG00000215005	1	0	0	0
ENSG00000215006	0	0	0	0
ENSG00000215007	2	0	2	0
ENSG00000215009	1	0	1	0
ENSG00000215012	311	396	381	280
ENSG00000215016	0	0	0	0
ENSG00000215018	4	25	5	6
ENSG00000215021	2600	2768	2921	1916
ENSG00000215029	0	0	0	0
ENSG00000215030	723	13	463	14
ENSG00000215032	0	13	11	3
ENSG00000215034	0	0	0	0
ENSG00000215035	0	0	0	0
ENSG00000215037	0	0	0	0
ENSG00000215041	441	510	462	344
ENSG00000215043	0	0	0	0
ENSG00000215045	0	0	1	0
ENSG00000215048	0	0	8	0
ENSG00000215049	0	1	0	0
ENSG00000215054	0	0	0	0
ENSG00000215057	0	0	0	0
ENSG00000215063	0	0	0	0
ENSG00000215065	0	0	0	0
ENSG00000215070	0	0	0	0
ENSG00000215077	620	360	1475	1187
ENSG00000215085	0	0	0	0
ENSG00000215086	0	1	1	0
ENSG00000215088	0	0	0	0
ENSG00000215089	0	0	0	0
ENSG00000215093	4	0	4	2
ENSG00000215094	0	0	0	0
ENSG00000215096	0	0	0	0
ENSG00000215097	5	2	2	1
ENSG00000215102	0	0	0	0
ENSG00000215105	175	127	307	184
ENSG00000215110	0	0	0	0

ENSG00000215113	0	1	0	0
ENSG00000215114	444	660	486	595
ENSG00000215115	0	1	0	0
ENSG00000215120	0	0	0	0
ENSG00000215124	3	10	7	6
ENSG00000215126	28	106	225	84
ENSG00000215127	0	0	0	1
ENSG00000215131	0	0	0	0
ENSG00000215146	13	28	41	30
ENSG00000215148	0	0	0	0
ENSG00000215149	0	0	0	0
ENSG00000215151	0	0	0	0
ENSG00000215154	93	117	105	155
ENSG00000215156	0	3	1	1
ENSG00000215158	275	443	298	296
ENSG00000215160	0	0	0	0
ENSG00000215165	0	0	0	0
ENSG00000215168	0	0	0	0
ENSG00000215174	0	1	0	0
ENSG00000215177	0	0	0	0
ENSG00000215179	0	0	0	0
ENSG00000215182	0	0	0	0
ENSG00000215183	0	0	0	0
ENSG00000215184	0	0	0	0
ENSG00000215186	0	6	0	4
ENSG00000215187	1	1	2	1
ENSG00000215193	1073	1278	1264	1064
ENSG00000215197	0	0	0	0
ENSG00000215198	0	0	0	0
ENSG00000215199	0	0	0	0
ENSG00000215203	0	0	0	0
ENSG00000215206	0	0	0	0
ENSG00000215208	1	0	1	0
ENSG00000215210	0	0	1	1
ENSG00000215217	1	1	0	0
ENSG00000215218	0	0	0	1
ENSG00000215221	2	3	4	1
ENSG00000215223	0	0	0	0
ENSG00000215227	0	0	0	0
ENSG00000215236	0	0	0	0
ENSG00000215237	7	8	2	4
ENSG00000215251	198	169	248	127
ENSG00000215252	1831	1936	1611	1050

ENSG00000215262	4	15	15	2
ENSG00000215263	0	0	0	0
ENSG00000215264	0	0	0	0
ENSG00000215267	0	0	0	0
ENSG00000215268	0	0	0	0
ENSG00000215269	0	0	0	0
ENSG00000215270	19	2	11	2
ENSG00000215271	170	242	210	161
ENSG00000215274	0	0	0	0
ENSG00000215277	2	5	5	2
ENSG00000215278	0	0	0	0
ENSG00000215283	2	3	0	0
ENSG00000215284	0	1	0	0
ENSG00000215286	0	0	0	0
ENSG00000215288	0	2	2	0
ENSG00000215296	0	1	0	1
ENSG00000215297	1	0	0	0
ENSG00000215301	5485	5863	7248	7145
ENSG00000215302	42	68	53	29
ENSG00000215305	925	751	863	598
ENSG00000215310	0	0	0	0
ENSG00000215311	0	0	0	0
ENSG00000215313	0	0	1	0
ENSG00000215317	1	0	0	0
ENSG00000215319	0	0	0	0
ENSG00000215325	0	0	0	0
ENSG00000215326	0	0	0	0
ENSG00000215328	1578	0	0	0
ENSG00000215333	0	0	0	0
ENSG00000215339	0	0	0	0
ENSG00000215343	0	0	0	0
ENSG00000215347	0	6	2	2
ENSG00000215349	0	0	0	0
ENSG00000215351	0	0	0	0
ENSG00000215353	0	0	0	0
ENSG00000215354	5	6	22	12
ENSG00000215356	0	0	0	0
ENSG00000215357	0	0	0	0
ENSG00000215365	0	0	0	0
ENSG00000215367	0	1	3	0
ENSG00000215368	0	0	0	0
ENSG00000215369	0	0	0	0
ENSG00000215371	0	0	0	0

ENSG00000215372	0	0	0	0
ENSG00000215373	0	0	0	0
ENSG00000215375	353	373	373	334
ENSG00000215378	0	0	0	0
ENSG00000215380	0	0	0	0
ENSG00000215381	0	0	0	0
ENSG00000215388	2	6	6	7
ENSG00000215397	0	0	0	1
ENSG00000215398	0	0	0	0
ENSG00000215399	1	1	2	2
ENSG00000215409	0	0	0	0
ENSG00000215414	2	1	0	0
ENSG00000215418	0	0	0	0
ENSG00000215421	478	469	537	336
ENSG00000215425	218	165	283	360
ENSG00000215440	664	680	539	567
ENSG00000215441	0	0	0	0
ENSG00000215444	0	0	0	0
ENSG00000215448	0	1	0	0
ENSG00000215450	0	0	1	0
ENSG00000215452	0	1	0	3
ENSG00000215454	0	0	0	0
ENSG00000215455	0	0	0	0
ENSG00000215456	0	0	0	0
ENSG00000215457	0	0	0	0
ENSG00000215464	0	1	0	0
ENSG00000215467	0	0	0	0
ENSG00000215472	481	647	739	264
ENSG00000215474	0	0	0	0
ENSG00000215475	2	0	2	2
ENSG00000215477	0	1	0	0
ENSG00000215478	0	0	0	0
ENSG00000215480	1	0	1	0
ENSG00000215481	3	3	5	0
ENSG00000215482	0	0	0	1
ENSG00000215486	0	0	0	0
ENSG00000215492	3	0	2	0
ENSG00000215493	22	29	53	34
ENSG00000215506	0	0	2	0
ENSG00000215507	0	0	0	0
ENSG00000215512	3	3	2	4
ENSG00000215515	0	0	0	0
ENSG00000215520	0	0	0	0

ENSG00000215522	98	260	123	212
ENSG00000215529	6	0	0	3
ENSG00000215537	0	0	0	0
ENSG00000215540	0	0	0	0
ENSG00000215544	0	0	0	0
ENSG00000215545	0	0	0	0
ENSG00000215546	0	0	0	0
ENSG00000215547	0	0	0	0
ENSG00000215548	36	37	27	9
ENSG00000215553	0	0	0	0
ENSG00000215559	2	4	3	0
ENSG00000215562	0	0	0	0
ENSG00000215567	0	0	0	0
ENSG00000215568	0	0	0	0
ENSG00000215571	2	6	1	0
ENSG00000215572	0	0	0	0
ENSG00000215580	3	2	1	3
ENSG00000215583	0	0	0	0
ENSG00000215586	0	0	0	0
ENSG00000215589	0	0	0	0
ENSG00000215595	0	1	0	1
ENSG00000215601	0	0	0	0
ENSG00000215603	0	0	0	0
ENSG00000215604	0	1	0	1
ENSG00000215606	0	0	0	0
ENSG00000215612	0	0	0	0
ENSG00000215630	27	16	32	17
ENSG00000215641	300	270	361	294
ENSG00000215644	0	0	0	0
ENSG00000215695	27	45	44	43
ENSG00000215704	0	2	0	0
ENSG00000215712	362	423	455	356
ENSG00000215717	1183	1254	1491	1149
ENSG00000215720	0	0	0	0
ENSG00000215734	0	0	0	0
ENSG00000215760	0	1	0	0
ENSG00000215771	0	0	0	3
ENSG00000215784	10	10	9	12
ENSG00000215785	0	1	0	0
ENSG00000215788	53	40	46	64
ENSG00000215790	270	324	108	317
ENSG00000215795	4	5	1	4
ENSG00000215796	0	0	1	0

ENSG00000215800	0	0	0	0
ENSG00000215802	0	0	0	0
ENSG00000215805	0	0	0	0
ENSG00000215807	0	0	0	0
ENSG00000215811	1	2	0	2
ENSG00000215812	0	0	0	0
ENSG00000215817	0	0	0	0
ENSG00000215819	0	0	0	0
ENSG00000215833	0	0	0	0
ENSG00000215834	1	0	2	0
ENSG00000215835	0	0	0	0
ENSG00000215837	22	19	18	15
ENSG00000215838	2	4	3	1
ENSG00000215840	1	0	3	0
ENSG00000215845	22	74	6	23
ENSG00000215846	0	0	0	0
ENSG00000215853	0	0	0	0
ENSG00000215861	106	443	286	394
ENSG00000215864	0	0	0	0
ENSG00000215867	0	0	0	0
ENSG00000215869	0	0	0	1
ENSG00000215871	0	0	0	0
ENSG00000215873	0	0	0	0
ENSG00000215874	0	0	0	0
ENSG00000215875	0	1	0	0
ENSG00000215878	2	3	4	1
ENSG00000215883	286	330	300	246
ENSG00000215887	0	0	0	0
ENSG00000215893	0	2	0	0
ENSG00000215895	0	0	2	0
ENSG00000215899	0	0	0	1
ENSG00000215900	0	0	0	0
ENSG00000215905	0	0	0	0
ENSG00000215906	0	0	0	0
ENSG00000215908	227	187	268	173
ENSG00000215909	0	0	0	0
ENSG00000215910	11	40	3	5
ENSG00000215912	12	16	2	4
ENSG00000215914	164	159	246	145
ENSG00000215915	14	16	14	19
ENSG00000216265	0	0	0	0
ENSG00000216285	0	6	5	0
ENSG00000216306	0	0	0	0

ENSG00000216307	0	0	0	0
ENSG00000216316	2	0	3	0
ENSG00000216324	0	0	0	0
ENSG00000216331	1	0	1	1
ENSG00000216347	0	0	0	0
ENSG00000216352	0	0	0	0
ENSG00000216359	0	0	0	0
ENSG00000216360	4	1	1	1
ENSG00000216364	0	0	0	0
ENSG00000216365	0	0	0	0
ENSG00000216368	0	0	0	0
ENSG00000216378	0	0	0	0
ENSG00000216412	1	0	0	0
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ENSG00000216439	0	0	0	0
ENSG00000216444	0	0	0	0
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ENSG00000216519	0	0	0	0
ENSG00000216523	0	0	0	0
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ENSG00000216613	0	0	0	0
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ENSG00000216621	0	0	0	2
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ENSG00000216642	0	0	0	0
ENSG00000216649	0	0	0	0
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ENSG00000216671	0	0	0	0
ENSG00000216676	0	0	0	0
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ENSG00000216708	0	0	0	0
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ENSG00000216723	0	0	1	0
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ENSG00000216819	0	0	2	0
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ENSG00000217030	0	0	1	0

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ENSG00000217083	0	0	0	0
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ENSG00000217488	0	0	0	0
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ENSG00000217612	0	0	0	0
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ENSG00000217716	1	2	1	0
ENSG00000217718	0	0	0	0
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ENSG00000217767	0	0	0	0
ENSG00000217769	0	0	0	0
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ENSG00000218029	0	0	0	0
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ENSG00000218069	0	0	0	0
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ENSG00000218189	0	0	2	0
ENSG00000218194	0	0	0	0
ENSG00000218198	0	0	0	0
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ENSG00000218213	0	0	0	0
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ENSG00000218227	3	0	3	2

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ENSG00000218274	0	0	0	0
ENSG00000218281	0	0	0	0
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ENSG00000218351	0	0	0	0
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ENSG00000218418	3	2	1	1
ENSG00000218424	0	0	0	0
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ENSG00000218472	0	0	0	0
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ENSG00000218676	0	0	0	0
ENSG00000218682	0	0	0	0
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ENSG00000218713	0	4	0	0
ENSG00000218716	0	0	0	0
ENSG00000218725	0	0	0	0
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ENSG00000218986	0	0	0	0
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ENSG00000219023	2	0	0	0
ENSG00000219027	0	0	0	1
ENSG00000219039	1	1	1	0
ENSG00000219061	0	0	0	0
ENSG00000219073	4	5	2	4
ENSG00000219074	0	0	0	0
ENSG00000219085	0	1	4	0
ENSG00000219087	0	0	0	0
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ENSG00000219095	0	0	0	0
ENSG00000219102	4	0	2	4
ENSG00000219133	2	1	1	1
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ENSG00000219139	0	0	0	0
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ENSG00000219149	0	0	0	0
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ENSG00000219163	1	1	0	0
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ENSG00000219253	0	0	0	0
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ENSG00000219297	0	0	0	0
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ENSG00000219384	0	0	0	0
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ENSG00000219404	1	0	0	0
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ENSG00000219529	0	5	4	0
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ENSG00000219608	0	0	2	0
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ENSG00000219669	1	0	0	0
ENSG00000219681	0	0	0	0
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ENSG00000219722	0	0	0	0
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ENSG00000219902	1	0	1	2
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ENSG00000220154	0	0	0	0
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ENSG00000220212	0	0	0	0
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ENSG00000220323	0	7	12	4
ENSG00000220326	0	0	0	0
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ENSG00000220377	0	0	0	0
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ENSG00000220556	0	0	0	0
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ENSG00000220563	11	11	14	13
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ENSG00000220694	0	1	0	0
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ENSG00000220721	0	0	0	0
ENSG00000220725	0	0	0	0
ENSG00000220730	0	0	0	0
ENSG00000220733	0	0	0	0
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ENSG00000220785	437	649	364	389
ENSG00000220793	0	0	6	5
ENSG00000220804	60	71	51	36
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ENSG00000220842	2808	2972	2297	1558
ENSG00000220848	25	44	59	23
ENSG00000220867	5	4	3	1
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ENSG00000220871	0	0	0	0
ENSG00000220875	1	0	0	0
ENSG00000220884	0	0	0	0
ENSG00000220913	0	0	0	0
ENSG00000220918	0	0	0	0
ENSG00000220920	3	4	4	3
ENSG00000220924	0	0	0	0
ENSG00000220937	0	0	1	0
ENSG00000220948	0	0	0	0
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ENSG00000221813	0	0	0	0
ENSG00000221818	1	8	42	0
ENSG00000221821	81	61	56	59
ENSG00000221823	918	1192	1150	746
ENSG00000221826	39	38	8	15
ENSG00000221829	241	235	208	165
ENSG00000221836	0	0	0	0
ENSG00000221837	0	0	0	0
ENSG00000221838	452	520	379	463
ENSG00000221840	0	0	0	0
ENSG00000221843	51	71	70	32
ENSG00000221844	0	0	0	0
ENSG00000221849	0	0	0	0
ENSG00000221852	0	0	2	1
ENSG00000221855	0	0	0	0
ENSG00000221858	0	0	0	0
ENSG00000221859	0	0	0	0
ENSG00000221864	0	0	0	0
ENSG00000221866	161	155	504	75
ENSG00000221867	0	0	0	0
ENSG00000221869	1238	1133	1302	783

ENSG00000221870	0	0	0	0
ENSG00000221874	0	0	0	0
ENSG00000221878	30	19	11	20
ENSG00000221879	0	0	0	0
ENSG00000221880	0	0	0	0
ENSG00000221882	0	0	0	0
ENSG00000221883	27	33	28	31
ENSG00000221886	100	89	59	79
ENSG00000221887	0	4	1	1
ENSG00000221888	0	0	0	0
ENSG00000221890	123	68	155	92
ENSG00000221891	0	0	0	0
ENSG00000221900	0	0	0	0
ENSG00000221909	179	218	207	174
ENSG00000221910	0	0	0	0
ENSG00000221914	724	844	1029	553
ENSG00000221916	1	4	5	3
ENSG00000221923	177	188	241	162
ENSG00000221926	242	330	544	289
ENSG00000221930	0	0	0	0
ENSG00000221931	0	0	0	0
ENSG00000221932	0	0	1	0
ENSG00000221933	0	0	0	0
ENSG00000221937	0	0	0	0
ENSG00000221938	0	0	0	0
ENSG00000221944	121	177	186	144
ENSG00000221946	5	1	0	3
ENSG00000221947	6	16	22	20
ENSG00000221954	0	0	0	0
ENSG00000221955	104	130	164	62
ENSG00000221957	0	0	0	0
ENSG00000221961	0	0	0	0
ENSG00000221962	0	0	0	0
ENSG00000221963	1185	1510	1180	985
ENSG00000221968	1346	1503	1940	926
ENSG00000221970	4	17	8	9
ENSG00000221971	0	0	0	0
ENSG00000221972	0	0	0	0
ENSG00000221974	30	74	42	19
ENSG00000221977	0	0	0	0
ENSG00000221978	4038	3869	4301	3498
ENSG00000221983	8312	8036	7988	5571
ENSG00000221986	1	1	1	0

ENSG00000221988	0	64	20	14
ENSG00000221989	0	0	0	1
ENSG00000221994	42	52	48	29
ENSG00000221995	67	88	80	55
ENSG00000221996	0	0	0	0
ENSG00000222009	296	493	400	379
ENSG00000222011	83	95	81	75
ENSG00000222014	1	0	0	0
ENSG00000222018	15	35	32	26
ENSG00000222019	18	30	30	24
ENSG00000222024	0	1	0	0
ENSG00000222028	0	1	0	0
ENSG00000222036	0	0	0	0
ENSG00000222037	0	0	0	0
ENSG00000222038	0	0	0	0
ENSG00000222046	7	14	11	9
ENSG00000222047	20	18	6	12
ENSG00000223345	3	15	12	9
ENSG00000223349	0	0	0	0
ENSG00000223350	0	0	0	0
ENSG00000223352	1	0	0	0
ENSG00000223353	0	0	0	0
ENSG00000223355	2	2	2	2
ENSG00000223359	0	0	0	0
ENSG00000223361	33	12	29	4
ENSG00000223362	0	0	0	0
ENSG00000223367	5487	5020	3891	3419
ENSG00000223368	0	0	0	0
ENSG00000223372	0	0	0	0
ENSG00000223375	1	0	1	0
ENSG00000223376	0	0	0	0
ENSG00000223377	0	0	0	0
ENSG00000223383	0	0	0	0
ENSG00000223389	0	0	0	0
ENSG00000223391	0	0	0	0
ENSG00000223394	0	0	0	0
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ENSG00000223398	0	0	0	0
ENSG00000223402	0	0	0	0
ENSG00000223406	0	0	0	0
ENSG00000223407	0	0	0	0
ENSG00000223409	0	0	0	0
ENSG00000223412	0	0	0	0

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ENSG00000223417	0	0	0	0
ENSG00000223418	0	0	0	0
ENSG00000223419	0	0	0	0
ENSG00000223421	0	0	0	0
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ENSG00000223428	0	0	0	0
ENSG00000223429	0	0	1	0
ENSG00000223431	1	0	0	0
ENSG00000223433	0	0	0	0
ENSG00000223437	0	0	0	0
ENSG00000223439	1	0	3	2
ENSG00000223441	0	0	0	0
ENSG00000223443	1	1	4	4
ENSG00000223445	0	0	0	0
ENSG00000223447	1	0	0	0
ENSG00000223448	0	0	0	0
ENSG00000223450	1	2	2	2
ENSG00000223452	0	0	0	0
ENSG00000223455	0	0	0	0
ENSG00000223457	0	0	0	0
ENSG00000223459	261	264	249	262
ENSG00000223460	2	1	0	0
ENSG00000223463	98	0	5	0
ENSG00000223465	0	0	0	0
ENSG00000223467	0	0	0	0
ENSG00000223476	0	1	0	1
ENSG00000223481	146	4	83	14
ENSG00000223484	0	0	1	0
ENSG00000223488	0	0	0	0
ENSG00000223489	0	0	0	0
ENSG00000223490	0	0	0	0
ENSG00000223493	22	24	21	13
ENSG00000223494	35	76	22	5
ENSG00000223495	1	0	0	0
ENSG00000223496	345	372	391	359
ENSG00000223497	0	0	0	0
ENSG00000223498	0	0	0	0
ENSG00000223500	0	0	0	0
ENSG00000223501	144	267	49	72
ENSG00000223503	0	1	0	0
ENSG00000223505	0	0	1	3

ENSG00000223506	0	0	0	0
ENSG00000223508	60	64	50	36
ENSG00000223509	236	206	301	228
ENSG00000223510	0	1	5	1
ENSG00000223513	0	0	0	0
ENSG00000223514	0	0	0	0
ENSG00000223518	18	3	0	4
ENSG00000223519	65	74	77	60
ENSG00000223529	3	3	3	3
ENSG00000223531	0	0	1	1
ENSG00000223532	326	0	713	317
ENSG00000223533	98	94	84	74
ENSG00000223535	0	0	0	1
ENSG00000223538	0	0	0	0
ENSG00000223539	0	0	0	0
ENSG00000223540	0	0	0	0
ENSG00000223543	0	0	0	0
ENSG00000223544	0	0	0	0
ENSG00000223547	256	385	343	264
ENSG00000223549	0	0	2	2
ENSG00000223550	0	0	0	0
ENSG00000223551	3	1	1	5
ENSG00000223553	0	0	0	1
ENSG00000223555	0	0	0	0
ENSG00000223558	0	0	0	0
ENSG00000223559	0	0	0	0
ENSG00000223560	0	0	0	0
ENSG00000223564	0	0	0	0
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ENSG00000223589	0	0	0	0
ENSG00000223590	0	0	0	0
ENSG00000223591	0	0	0	0
ENSG00000223592	0	0	0	0
ENSG00000223593	0	0	0	0

ENSG00000223595	0	0	0	0
ENSG00000223599	0	0	0	0
ENSG00000223600	0	0	0	0
ENSG00000223601	0	1	0	0
ENSG00000223602	0	1	1	0
ENSG00000223603	0	0	0	0
ENSG00000223604	0	0	0	0
ENSG00000223605	0	0	0	0
ENSG00000223606	0	1	0	2
ENSG00000223609	0	13	7	4
ENSG00000223611	0	0	0	0
ENSG00000223612	0	0	0	0
ENSG00000223614	0	0	0	0
ENSG00000223615	0	0	0	0
ENSG00000223618	58	71	101	56
ENSG00000223619	0	0	0	0
ENSG00000223620	0	0	0	0
ENSG00000223621	1	1	0	0
ENSG00000223622	0	0	0	0
ENSG00000223624	0	1	0	0
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ENSG00000223636	0	0	0	0
ENSG00000223637	0	0	0	0
ENSG00000223638	0	0	2	0
ENSG00000223639	465	573	528	472
ENSG00000223640	0	0	0	0
ENSG00000223648	0	0	0	0
ENSG00000223650	0	0	0	0
ENSG00000223651	0	0	0	0
ENSG00000223654	0	0	55	0
ENSG00000223655	0	0	0	0
ENSG00000223656	0	1	0	0
ENSG00000223657	0	0	0	0
ENSG00000223658	8	6	8	7
ENSG00000223663	0	1	1	1
ENSG00000223666	50	0	0	0
ENSG00000223668	1	1	3	1
ENSG00000223671	0	0	0	0
ENSG00000223672	0	0	0	0
ENSG00000223676	0	0	0	0
ENSG00000223677	0	0	0	0

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ENSG00000223680	9	0	3	5
ENSG00000223683	0	0	0	0
ENSG00000223684	0	0	0	0
ENSG00000223687	26	9	27	27
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ENSG00000223693	0	0	0	0
ENSG00000223694	0	0	0	0
ENSG00000223696	0	0	0	0
ENSG00000223698	0	1	0	0
ENSG00000223699	1	0	2	5
ENSG00000223702	0	0	0	0
ENSG00000223703	0	0	0	0
ENSG00000223705	929	978	1042	935
ENSG00000223707	0	0	0	0
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ENSG00000223709	0	0	0	0
ENSG00000223710	0	0	0	0
ENSG00000223717	0	0	0	0
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ENSG00000223721	0	0	0	0
ENSG00000223722	0	0	46	0
ENSG00000223723	0	0	1	3
ENSG00000223724	0	0	0	0
ENSG00000223728	0	0	0	0
ENSG00000223730	0	0	0	0
ENSG00000223731	1	0	0	3
ENSG00000223733	0	0	0	0
ENSG00000223735	0	0	0	0
ENSG00000223738	0	0	0	0
ENSG00000223739	0	0	0	0
ENSG00000223740	0	0	0	0
ENSG00000223741	0	1	0	0
ENSG00000223744	0	0	0	0
ENSG00000223746	0	0	0	0
ENSG00000223750	0	0	0	0
ENSG00000223752	15	11	16	7
ENSG00000223753	0	0	0	0
ENSG00000223756	486	563	705	382
ENSG00000223757	3	8	4	7
ENSG00000223760	0	3	0	0

ENSG00000223766	3	62	32	36
ENSG00000223767	42	69	73	63
ENSG00000223769	0	0	0	0
ENSG00000223771	0	0	0	0
ENSG00000223772	0	0	0	0
ENSG00000223773	69	80	131	87
ENSG00000223775	94	97	105	72
ENSG00000223777	0	0	0	0
ENSG00000223779	3	8	14	13
ENSG00000223782	0	0	0	0
ENSG00000223787	0	1	1	0
ENSG00000223788	0	0	0	0
ENSG00000223793	0	0	0	0
ENSG00000223794	0	0	0	0
ENSG00000223798	10	1	0	0
ENSG00000223802	24	51	44	54
ENSG00000223803	1	2	0	0
ENSG00000223804	119	52	150	85
ENSG00000223807	0	0	0	0
ENSG00000223810	0	1	0	0
ENSG00000223816	0	0	0	0
ENSG00000223819	0	0	1	0
ENSG00000223820	17	29	15	12
ENSG00000223822	1	0	0	0
ENSG00000223824	0	0	0	0
ENSG00000223825	1	1	1	0
ENSG00000223828	0	0	0	0
ENSG00000223833	0	0	0	0
ENSG00000223836	1	0	0	0
ENSG00000223840	0	0	3	0
ENSG00000223841	0	0	0	0
ENSG00000223844	0	0	0	0
ENSG00000223845	0	0	0	0
ENSG00000223847	0	0	0	0
ENSG00000223849	0	1	2	1
ENSG00000223851	0	0	0	0
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ENSG00000223853	0	0	0	0
ENSG00000223856	0	0	0	0
ENSG00000223858	0	0	0	0
ENSG00000223860	0	0	0	0
ENSG00000223861	0	0	0	0
ENSG00000223864	0	0	0	0

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ENSG00000223866	0	0	0	0
ENSG00000223867	0	0	0	0
ENSG00000223869	0	0	0	0
ENSG00000223873	0	0	0	0
ENSG00000223875	13	5	27	9
ENSG00000223876	0	0	0	0
ENSG00000223877	0	0	0	0
ENSG00000223878	8	8	18	8
ENSG00000223885	1	0	0	0
ENSG00000223886	5	5	3	2
ENSG00000223887	51	38	40	36
ENSG00000223889	0	0	0	0
ENSG00000223890	0	0	0	0
ENSG00000223892	0	1	0	3
ENSG00000223893	0	0	0	0
ENSG00000223894	0	0	0	0
ENSG00000223896	0	0	0	0
ENSG00000223897	0	0	0	0
ENSG00000223898	0	0	0	0
ENSG00000223899	1	1	2	0
ENSG00000223903	0	0	0	0
ENSG00000223904	1	0	0	0
ENSG00000223905	0	0	0	0
ENSG00000223908	0	0	0	0
ENSG00000223912	1	0	1	0
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ENSG00000223916	0	0	0	0
ENSG00000223917	4	0	0	0
ENSG00000223918	0	0	1	0
ENSG00000223919	0	0	0	0
ENSG00000223920	0	0	1	0
ENSG00000223921	0	0	0	0
ENSG00000223922	1	2	7	2
ENSG00000223927	1	0	0	1
ENSG00000223928	0	0	0	0
ENSG00000223931	0	0	0	0
ENSG00000223932	44	40	64	56
ENSG00000223933	0	0	0	0
ENSG00000223939	0	0	0	0
ENSG00000223940	0	0	0	0
ENSG00000223945	1	0	0	0
ENSG00000223948	0	0	0	0

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ENSG00000223953	349	409	548	365
ENSG00000223955	0	0	0	0
ENSG00000223957	206	182	199	179
ENSG00000223958	0	0	0	0
ENSG00000223959	174	254	198	140
ENSG00000223962	0	0	0	0
ENSG00000223963	0	1	0	0
ENSG00000223965	0	0	0	0
ENSG00000223967	0	0	0	0
ENSG00000223968	0	0	0	0
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ENSG00000223971	0	0	0	0
ENSG00000223972	14	22	16	0
ENSG00000223973	0	0	0	0
ENSG00000223974	0	1	0	0
ENSG00000223976	0	0	0	0
ENSG00000223977	0	0	0	0
ENSG00000223978	0	0	0	0
ENSG00000223980	327	7	211	208
ENSG00000223982	0	0	0	0
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ENSG00000223986	0	0	0	0
ENSG00000223987	0	0	0	0
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ENSG00000223995	0	0	0	0
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ENSG00000224011	0	0	0	0
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ENSG00000224014	1	3	0	3
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ENSG00000224019	0	0	0	0
ENSG00000224025	0	0	0	0
ENSG00000224033	0	0	0	0
ENSG00000224035	0	0	0	0
ENSG00000224039	1	0	2	1

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ENSG00000224041	0	0	0	0
ENSG00000224042	0	0	0	1
ENSG00000224044	0	0	0	0
ENSG00000224045	0	0	0	0
ENSG00000224051	325	373	365	297
ENSG00000224052	0	0	0	0
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ENSG00000224054	0	0	0	0
ENSG00000224055	0	0	0	0
ENSG00000224058	1	9	9	7
ENSG00000224059	0	0	0	0
ENSG00000224060	0	1	0	0
ENSG00000224061	0	0	0	0
ENSG00000224062	0	0	0	0
ENSG00000224064	0	0	0	0
ENSG00000224065	0	0	0	0
ENSG00000224067	0	0	2	0
ENSG00000224069	0	0	0	0
ENSG00000224070	0	0	0	0
ENSG00000224071	0	0	0	1
ENSG00000224072	3	4	2	1
ENSG00000224080	2	2	6	3
ENSG00000224081	42	113	51	58
ENSG00000224082	0	0	0	0
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ENSG00000224085	0	0	0	0
ENSG00000224089	0	0	0	0
ENSG00000224092	0	0	0	0
ENSG00000224094	1	2	1	1
ENSG00000224097	5	4	3	4
ENSG00000224098	0	0	0	0
ENSG00000224103	1	31	0	19
ENSG00000224104	0	0	0	0
ENSG00000224105	0	0	0	0
ENSG00000224106	0	2	0	1
ENSG00000224108	0	0	0	0
ENSG00000224109	0	0	0	0
ENSG00000224110	0	0	0	0
ENSG00000224114	26	12	0	0
ENSG00000224117	1	1	0	0
ENSG00000224118	0	0	0	0
ENSG00000224120	15	18	20	16

ENSG00000224121	0	0	0	0
ENSG00000224124	0	0	0	0
ENSG00000224126	1	16	15	4
ENSG00000224129	0	0	0	0
ENSG00000224131	0	0	0	0
ENSG00000224134	0	0	0	0
ENSG00000224136	1	0	0	0
ENSG00000224140	0	0	0	0
ENSG00000224143	62	69	43	50
ENSG00000224144	0	0	0	0
ENSG00000224145	0	0	0	0
ENSG00000224146	0	0	0	0
ENSG00000224151	0	0	0	0
ENSG00000224155	0	0	0	0
ENSG00000224156	3795	2076	3121	1003
ENSG00000224158	0	0	0	0
ENSG00000224159	0	0	0	0
ENSG00000224160	0	0	0	0
ENSG00000224161	0	0	0	0
ENSG00000224162	0	0	0	0
ENSG00000224163	0	0	0	0
ENSG00000224166	0	0	0	0
ENSG00000224168	0	0	1	1
ENSG00000224169	0	0	0	0
ENSG00000224172	0	1	0	0
ENSG00000224180	98	94	84	74
ENSG00000224183	6	8	8	0
ENSG00000224185	0	0	0	0
ENSG00000224188	0	0	0	0
ENSG00000224196	0	0	0	0
ENSG00000224197	0	0	0	0
ENSG00000224200	50	0	0	0
ENSG00000224203	0	0	2	1
ENSG00000224205	0	0	0	0
ENSG00000224207	0	0	0	0
ENSG00000224208	0	0	1	0
ENSG00000224210	0	0	0	0
ENSG00000224212	2	3	6	153
ENSG00000224217	0	0	0	0
ENSG00000224219	0	0	0	0
ENSG00000224221	0	0	0	0
ENSG00000224224	0	0	0	0
ENSG00000224227	0	1	0	0

ENSG00000224230	0	0	0	0
ENSG00000224232	0	3	1	0
ENSG00000224233	0	0	0	0
ENSG00000224234	0	0	0	0
ENSG00000224236	0	0	0	0
ENSG00000224237	0	0	0	0
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ENSG00000224246	0	0	0	0
ENSG00000224252	0	0	0	0
ENSG00000224253	3	3	1	2
ENSG00000224254	0	0	0	0
ENSG00000224255	0	0	0	0
ENSG00000224256	0	0	0	0
ENSG00000224261	2	5	5	4
ENSG00000224263	0	0	0	0
ENSG00000224264	31	137	92	77
ENSG00000224273	0	0	0	1
ENSG00000224274	0	0	0	0
ENSG00000224278	0	0	0	0
ENSG00000224279	0	0	0	0
ENSG00000224280	0	2	1	0
ENSG00000224282	1	0	0	0
ENSG00000224287	77	71	51	73
ENSG00000224288	0	0	0	0
ENSG00000224289	0	0	0	0
ENSG00000224290	8	7	8	7
ENSG00000224291	0	0	0	0
ENSG00000224293	0	0	0	0
ENSG00000224295	6	7	14	13
ENSG00000224296	0	1	0	0
ENSG00000224297	0	0	0	0
ENSG00000224299	1	0	0	0
ENSG00000224300	0	0	0	0
ENSG00000224302	0	1	0	0
ENSG00000224305	0	0	0	0
ENSG00000224309	0	0	1	4
ENSG00000224312	0	0	0	0
ENSG00000224313	46	38	43	35
ENSG00000224314	0	0	0	0

ENSG00000224315	0	0	1	0
ENSG00000224316	2	2	2	1
ENSG00000224319	0	0	0	0
ENSG00000224320	652	3	287	855
ENSG00000224321	2	0	1	1
ENSG00000224323	0	0	0	0
ENSG00000224324	1	0	0	0
ENSG00000224331	0	3	3	3
ENSG00000224333	1	0	0	0
ENSG00000224334	1	0	0	0
ENSG00000224335	0	0	1	0
ENSG00000224336	0	0	0	0
ENSG00000224337	0	0	0	0
ENSG00000224338	0	0	0	0
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ENSG00000224365	0	0	0	0
ENSG00000224366	0	0	0	0
ENSG00000224367	0	0	0	0
ENSG00000224368	0	0	0	0
ENSG00000224370	2	4	4	1
ENSG00000224372	0	0	0	0
ENSG00000224373	0	0	0	0
ENSG00000224378	0	0	0	0
ENSG00000224379	0	0	0	0
ENSG00000224383	12	11	11	8
ENSG00000224389	103	270	97	69
ENSG00000224392	0	0	0	0
ENSG00000224393	0	0	1	1
ENSG00000224395	0	0	0	0
ENSG00000224396	0	0	0	0
ENSG00000224398	6	17	9	421

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ENSG00000224401	0	0	1	1
ENSG00000224402	0	0	0	0
ENSG00000224403	0	0	0	0
ENSG00000224408	0	0	0	0
ENSG00000224410	0	0	0	0
ENSG00000224411	0	3	2	1
ENSG00000224412	0	0	0	0
ENSG00000224414	2	5	8	5
ENSG00000224415	0	0	0	0
ENSG00000224416	0	0	0	0
ENSG00000224419	0	0	0	0
ENSG00000224420	3	1	3	2
ENSG00000224421	0	0	0	0
ENSG00000224425	0	0	0	0
ENSG00000224426	0	0	0	0
ENSG00000224427	1	1	0	0
ENSG00000224430	0	1	2	3
ENSG00000224431	42	29	37	27
ENSG00000224435	0	0	0	0
ENSG00000224436	0	0	0	0
ENSG00000224437	0	0	0	0
ENSG00000224438	0	2	0	0
ENSG00000224439	0	0	0	0
ENSG00000224442	0	0	0	0
ENSG00000224443	0	0	0	0
ENSG00000224444	0	0	0	0
ENSG00000224447	0	0	0	0
ENSG00000224448	0	1	2	0
ENSG00000224451	0	0	0	0
ENSG00000224452	1	4	3	3
ENSG00000224455	140	5	177	186
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ENSG00000224464	0	0	0	0
ENSG00000224465	0	0	0	0
ENSG00000224466	0	0	0	0
ENSG00000224469	0	0	0	0
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ENSG00000224471	0	0	0	0
ENSG00000224472	2	0	42	40
ENSG00000224473	0	0	2	0

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ENSG00000224476	0	0	0	0
ENSG00000224479	10	9	5	6
ENSG00000224482	0	0	0	0
ENSG00000224484	1	0	1	0
ENSG00000224485	0	0	0	0
ENSG00000224486	0	0	0	0
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ENSG00000224488	0	1	0	1
ENSG00000224493	0	0	0	0
ENSG00000224494	0	0	0	0
ENSG00000224496	0	0	0	0
ENSG00000224497	2	2	0	2
ENSG00000224498	0	0	0	0
ENSG00000224501	890	40	130	0
ENSG00000224510	0	0	0	0
ENSG00000224518	0	0	0	0
ENSG00000224519	0	0	0	0
ENSG00000224520	2	1	3	0
ENSG00000224523	1	0	0	0
ENSG00000224524	0	0	0	0
ENSG00000224526	2	1	4	4
ENSG00000224529	0	0	0	0
ENSG00000224530	0	0	0	0
ENSG00000224531	209	275	297	204
ENSG00000224537	0	0	0	0
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ENSG00000224539	0	0	0	0
ENSG00000224540	0	0	0	0
ENSG00000224542	0	0	2	0
ENSG00000224543	2	8	9	3
ENSG00000224544	1	0	0	0
ENSG00000224545	0	0	0	0
ENSG00000224546	0	2	3	1
ENSG00000224547	0	0	0	0
ENSG00000224548	0	0	0	0
ENSG00000224550	0	0	0	0
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ENSG00000224552	178	66	121	10
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ENSG00000224554	0	0	0	0
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ENSG00000224560	0	0	0	0
ENSG00000224564	0	1	0	0
ENSG00000224566	0	4	1	2
ENSG00000224567	0	0	0	0
ENSG00000224569	0	0	0	0
ENSG00000224570	0	1	0	0
ENSG00000224571	0	0	0	0
ENSG00000224573	0	0	0	0
ENSG00000224578	142	52	40	35
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ENSG00000224584	0	0	0	0
ENSG00000224585	0	0	0	0
ENSG00000224586	0	0	0	0
ENSG00000224587	169	178	207	138
ENSG00000224589	0	0	0	0
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ENSG00000224593	0	0	0	0
ENSG00000224594	14	32	38	19
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ENSG00000224599	0	0	0	0
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ENSG00000224604	0	0	0	0
ENSG00000224607	0	0	0	0
ENSG00000224608	128	3570	4846	243
ENSG00000224611	0	0	0	0
ENSG00000224617	0	0	0	0
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ENSG00000224620	0	0	0	0
ENSG00000224622	0	0	0	0
ENSG00000224625	0	0	0	0
ENSG00000224627	0	0	0	0
ENSG00000224628	0	0	0	0
ENSG00000224629	5	6	2	1
ENSG00000224630	0	0	0	0
ENSG00000224631	1	3	3	0
ENSG00000224632	0	0	0	0
ENSG00000224633	0	0	0	0
ENSG00000224634	0	0	0	0
ENSG00000224637	0	0	0	0
ENSG00000224640	0	0	0	0

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ENSG00000224647	1	0	0	1
ENSG00000224650	0	1	0	0
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ENSG00000224656	0	0	0	0
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ENSG00000224664	0	0	0	0
ENSG00000224667	0	0	0	0
ENSG00000224668	0	0	0	2
ENSG00000224669	0	0	0	0
ENSG00000224670	0	0	0	0
ENSG00000224672	0	3	1	0
ENSG00000224674	1	1	1	1
ENSG00000224677	0	0	0	0
ENSG00000224678	0	2	0	0
ENSG00000224679	0	0	0	0
ENSG00000224680	1	2	0	2
ENSG00000224681	0	0	0	0
ENSG00000224682	0	0	0	0
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ENSG00000224685	0	0	0	0
ENSG00000224686	0	0	0	0
ENSG00000224688	0	0	0	0
ENSG00000224689	2	0	5	2
ENSG00000224690	5	7	5	5
ENSG00000224692	0	0	0	0
ENSG00000224693	0	0	0	0
ENSG00000224695	0	0	0	0
ENSG00000224697	0	0	0	0
ENSG00000224701	0	0	0	0
ENSG00000224706	0	0	0	0
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ENSG00000224709	0	0	0	0
ENSG00000224710	0	0	0	0
ENSG00000224712	3	0	0	3
ENSG00000224719	0	0	0	0
ENSG00000224722	1	0	1	0
ENSG00000224723	0	0	0	0
ENSG00000224725	0	0	0	0
ENSG00000224727	0	1	0	2

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ENSG00000224732	0	0	0	0
ENSG00000224735	0	0	0	0
ENSG00000224736	7	9	5	7
ENSG00000224740	798	1159	1085	669
ENSG00000224747	2	3	2	0
ENSG00000224748	2	3	5	5
ENSG00000224751	0	0	0	0
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ENSG00000224755	0	0	0	0
ENSG00000224760	0	0	0	0
ENSG00000224762	0	0	0	0
ENSG00000224763	1	0	0	0
ENSG00000224769	7	6	9	15
ENSG00000224770	0	0	0	0
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ENSG00000224774	259	483	23	14
ENSG00000224775	0	1	1	1
ENSG00000224776	0	0	0	0
ENSG00000224777	0	0	0	0
ENSG00000224778	0	0	0	0
ENSG00000224781	1	1	0	0
ENSG00000224782	46	65	53	42
ENSG00000224783	0	0	0	0
ENSG00000224784	0	0	0	0
ENSG00000224785	0	1	0	0
ENSG00000224786	0	2	2	0
ENSG00000224791	0	0	0	0
ENSG00000224792	0	0	0	0
ENSG00000224793	0	0	0	0
ENSG00000224796	0	0	0	0
ENSG00000224797	0	0	0	0
ENSG00000224800	2	1	2	0
ENSG00000224801	0	0	0	0
ENSG00000224802	0	0	0	1
ENSG00000224806	0	0	1	0
ENSG00000224807	1	0	1	0
ENSG00000224809	1	0	0	0
ENSG00000224813	0	0	0	0
ENSG00000224815	0	0	0	0
ENSG00000224816	0	0	0	0
ENSG00000224820	0	0	0	0
ENSG00000224826	2	2	4	3

ENSG00000224827	0	2	1	1
ENSG00000224829	0	0	0	0
ENSG00000224830	0	0	0	0
ENSG00000224831	0	70	67	45
ENSG00000224834	0	0	0	0
ENSG00000224836	0	0	0	0
ENSG00000224837	53	73	60	62
ENSG00000224839	0	1	1	1
ENSG00000224841	191	158	140	147
ENSG00000224852	0	0	0	0
ENSG00000224856	0	0	1	0
ENSG00000224858	7	2	1	2
ENSG00000224859	0	6	0	0
ENSG00000224860	0	0	0	0
ENSG00000224861	0	4	3	0
ENSG00000224864	3	5	6	0
ENSG00000224866	0	0	0	0
ENSG00000224869	0	0	0	0
ENSG00000224873	0	0	0	0
ENSG00000224874	0	0	0	0
ENSG00000224877	350	288	272	214
ENSG00000224880	0	0	0	0
ENSG00000224881	16	18	39	18
ENSG00000224886	0	0	2	0
ENSG00000224887	0	0	0	0
ENSG00000224889	0	0	0	0
ENSG00000224891	0	2	0	2
ENSG00000224892	22	31	28	32
ENSG00000224894	0	0	0	0
ENSG00000224895	0	0	0	0
ENSG00000224896	0	0	0	0
ENSG00000224902	0	0	0	0
ENSG00000224904	0	0	0	0
ENSG00000224906	0	0	0	0
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ENSG00000224908	0	0	0	0
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ENSG00000224920	0	0	0	0
ENSG00000224921	0	0	0	0
ENSG00000224925	0	0	0	0
ENSG00000224927	0	0	0	0
ENSG00000224928	0	1	0	0

ENSG00000224929	0	0	0	0
ENSG00000224931	0	0	0	0
ENSG00000224936	0	0	0	0
ENSG00000224940	4	2	1	2
ENSG00000224941	2	0	42	40
ENSG00000224942	0	0	0	0
ENSG00000224946	0	0	0	0
ENSG00000224947	0	0	0	0
ENSG00000224948	0	0	1	0
ENSG00000224949	0	0	0	0
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ENSG00000224954	0	0	1	1
ENSG00000224955	0	0	0	0
ENSG00000224960	0	0	0	0
ENSG00000224962	0	0	0	0
ENSG00000224964	0	0	0	0
ENSG00000224966	0	0	0	0
ENSG00000224967	1	2	1	0
ENSG00000224971	0	0	0	0
ENSG00000224976	3	0	2	0
ENSG00000224978	0	0	0	0
ENSG00000224979	44	40	43	29
ENSG00000224980	0	0	0	0
ENSG00000224981	4	8	5	7
ENSG00000224982	2	0	2	0
ENSG00000224986	0	0	0	0
ENSG00000224987	0	0	0	0
ENSG00000224988	0	0	0	0
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ENSG00000224993	1	0	2	1
ENSG00000224994	5	29	23	33
ENSG00000224999	0	0	0	0
ENSG00000225003	0	0	0	0
ENSG00000225005	1	7	1	7
ENSG00000225008	0	0	1	0
ENSG00000225011	0	0	0	0
ENSG00000225014	0	0	0	1
ENSG00000225016	0	0	1	0
ENSG00000225017	0	0	0	0
ENSG00000225018	0	0	0	0
ENSG00000225022	0	0	0	0
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ENSG00000225025	0	0	0	0
ENSG00000225026	0	0	0	0
ENSG00000225027	0	0	0	0
ENSG00000225029	0	0	0	0
ENSG00000225031	29	29	61	19
ENSG00000225034	0	0	0	0
ENSG00000225036	0	0	2	0
ENSG00000225043	1	0	0	1
ENSG00000225045	0	0	0	0
ENSG00000225046	0	0	0	0
ENSG00000225048	0	0	0	0
ENSG00000225051	4	2	7	5
ENSG00000225053	0	0	0	0
ENSG00000225055	0	0	0	0
ENSG00000225060	650	652	661	519
ENSG00000225066	1	1	0	1
ENSG00000225067	1	4	0	0
ENSG00000225069	0	0	0	0
ENSG00000225071	0	0	2	0
ENSG00000225072	0	0	0	0
ENSG00000225073	189	215	685	559
ENSG00000225078	0	0	0	0
ENSG00000225079	0	0	0	0
ENSG00000225080	8	13	9	9
ENSG00000225082	0	0	0	0
ENSG00000225086	0	1	0	3
ENSG00000225093	1	1	1	1
ENSG00000225094	4	4	0	2
ENSG00000225098	0	0	0	0
ENSG00000225099	0	0	0	0
ENSG00000225100	5	5	2	5
ENSG00000225101	4	4	0	1
ENSG00000225103	0	0	0	0
ENSG00000225108	14	16	12	12
ENSG00000225109	0	0	1	0
ENSG00000225110	0	0	0	0
ENSG00000225114	0	0	0	0
ENSG00000225116	0	0	0	0
ENSG00000225117	0	0	0	0
ENSG00000225118	0	0	0	0
ENSG00000225120	0	1	2	4
ENSG00000225121	0	0	0	0

ENSG00000225122	0	0	0	0
ENSG00000225123	0	0	0	1
ENSG00000225124	0	0	0	0
ENSG00000225125	5	11	8	13
ENSG00000225130	0	0	0	0
ENSG00000225131	2	0	0	0
ENSG00000225132	0	0	0	0
ENSG00000225133	0	0	0	0
ENSG00000225136	0	0	0	0
ENSG00000225137	0	0	0	0
ENSG00000225141	16	19	21	17
ENSG00000225142	0	0	0	0
ENSG00000225145	0	0	0	0
ENSG00000225147	0	0	0	0
ENSG00000225150	0	0	0	0
ENSG00000225151	695	583	485	468
ENSG00000225154	0	1	0	0
ENSG00000225155	0	0	0	0
ENSG00000225158	0	0	0	0
ENSG00000225159	1	0	2	1
ENSG00000225164	463	531	11	8
ENSG00000225165	0	0	0	0
ENSG00000225167	0	0	0	0
ENSG00000225169	0	0	0	0
ENSG00000225170	0	0	1	0
ENSG00000225171	0	1	1	1
ENSG00000225175	0	0	0	0
ENSG00000225176	0	0	0	0
ENSG00000225178	17	3	0	7
ENSG00000225182	0	0	0	0
ENSG00000225183	0	0	0	0
ENSG00000225185	0	0	0	0
ENSG00000225189	0	0	0	0
ENSG00000225190	728	699	395	657
ENSG00000225191	0	0	0	0
ENSG00000225192	0	1	0	1
ENSG00000225193	1	2	0	1
ENSG00000225196	0	0	0	0
ENSG00000225198	0	1	0	0
ENSG00000225200	1	3	0	1
ENSG00000225201	367	1862	2870	1348
ENSG00000225210	110	130	330	81
ENSG00000225211	0	0	0	0

ENSG00000225212	0	0	0	0
ENSG00000225215	0	0	0	0
ENSG00000225217	2	3	1	5
ENSG00000225221	0	0	0	0
ENSG00000225222	0	0	0	0
ENSG00000225224	0	0	1	1
ENSG00000225225	0	0	0	0
ENSG00000225228	0	0	0	0
ENSG00000225236	0	0	0	0
ENSG00000225237	0	0	0	0
ENSG00000225238	0	0	0	0
ENSG00000225239	0	0	0	0
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ENSG00000225251	0	0	0	0
ENSG00000225253	0	0	0	0
ENSG00000225254	0	0	0	0
ENSG00000225256	0	0	0	0
ENSG00000225259	0	3	7	5
ENSG00000225264	14	13	14	10
ENSG00000225267	0	0	0	0
ENSG00000225270	0	0	0	0
ENSG00000225271	0	0	0	0
ENSG00000225272	0	0	0	0
ENSG00000225274	0	0	0	0
ENSG00000225275	0	0	0	0
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ENSG00000225294	0	0	0	0
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ENSG00000225297	0	0	0	0
ENSG00000225304	0	0	0	0
ENSG00000225305	0	0	0	0
ENSG00000225308	0	0	0	0

ENSG00000225310	0	0	0	0
ENSG00000225312	14	12	9	16
ENSG00000225314	0	0	0	0
ENSG00000225317	0	0	1	0
ENSG00000225323	0	0	0	0
ENSG00000225326	0	0	0	0
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ENSG00000225333	0	0	0	0
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ENSG00000225343	0	0	0	0
ENSG00000225344	0	0	0	0
ENSG00000225345	20	26	24	10
ENSG00000225346	0	0	0	0
ENSG00000225347	0	0	0	0
ENSG00000225349	0	0	0	1
ENSG00000225351	6	4	2	0
ENSG00000225352	0	0	0	0
ENSG00000225354	0	0	0	0
ENSG00000225355	0	0	0	0
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ENSG00000225358	0	0	0	0
ENSG00000225360	0	0	0	0
ENSG00000225362	3	10	2	4
ENSG00000225364	0	0	0	0
ENSG00000225366	0	2	5	3
ENSG00000225369	0	0	0	0
ENSG00000225370	0	0	0	0
ENSG00000225371	0	0	0	0
ENSG00000225380	0	0	0	0
ENSG00000225381	0	0	0	0
ENSG00000225384	0	0	0	0
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ENSG00000225398	32	21	15	28
ENSG00000225400	5	12	9	14
ENSG00000225401	0	0	0	0
ENSG00000225402	0	0	0	0
ENSG00000225403	0	0	0	0
ENSG00000225404	0	0	0	0

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ENSG00000225406	0	0	0	0
ENSG00000225412	0	0	0	0
ENSG00000225415	0	0	0	2
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ENSG00000225423	0	0	0	0
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ENSG00000225469	0	0	0	1
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ENSG00000225522	0	0	0	0
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ENSG00000225533	0	0	0	0
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ENSG00000225569	0	1	0	0
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ENSG00000225585	0	0	0	0
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ENSG00000225927	0	0	0	0
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ENSG00000226119	0	0	0	0
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ENSG00000226124	36	34	16	29
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ENSG00000226128	0	0	0	0
ENSG00000226131	0	0	1	0
ENSG00000226132	1	0	0	0
ENSG00000226138	0	0	0	1
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ENSG00000226147	3	0	12	1
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ENSG00000226164	0	0	0	0
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ENSG00000226171	121	141	133	103
ENSG00000226173	149	144	133	76
ENSG00000226174	47	24	12	32
ENSG00000226175	0	0	1	1
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ENSG00000226188	1	0	1	0
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ENSG00000226221	5	3	1	1
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ENSG00000226246	0	0	2	0
ENSG00000226247	0	0	0	0
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ENSG00000226259	74	119	222	133
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ENSG00000226267	3	3	1	2
ENSG00000226268	13	0	13	4
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ENSG00000226318	5	20	20	11
ENSG00000226321	7	6	13	9
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ENSG00000226356	3	3	2	3
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ENSG00000226428	0	0	0	0
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ENSG00000226435	0	0	0	0
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ENSG00000226448	0	0	0	0
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ENSG00000226474	0	0	0	0
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ENSG00000226499	0	0	2	0
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ENSG00000226513	0	0	0	0
ENSG00000226515	0	0	0	0
ENSG00000226517	0	1	2	4
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ENSG00000226523	0	0	0	0
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ENSG00000226536	0	0	0	0
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ENSG00000226541	0	0	0	0
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ENSG00000226577	0	0	0	0
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ENSG00000226670	0	0	0	0
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ENSG00000226804	0	0	0	0
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ENSG00000226943	0	0	0	0
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ENSG00000227030	1	0	0	0
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ENSG00000227067	0	0	0	0
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ENSG00000227077	0	0	0	0
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ENSG00000227122	16	19	21	17
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ENSG00000227129	197	179	189	176
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ENSG00000227138	0	0	0	0
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ENSG00000227196	0	0	0	0
ENSG00000227201	0	1	0	0
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ENSG00000227241	0	0	0	0

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ENSG00000227309	0	0	0	0
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ENSG00000227472	0	0	0	0
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ENSG00000227521	0	0	0	0
ENSG00000227523	0	0	0	0
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ENSG00000227532	0	0	0	0
ENSG00000227534	0	0	0	0
ENSG00000227536	2	2	3	1
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ENSG00000227576	0	0	0	0
ENSG00000227577	0	0	0	0
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ENSG00000227586	2	0	0	0
ENSG00000227587	2	1	24	10
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ENSG00000227593	0	0	0	0
ENSG00000227597	0	0	0	0
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ENSG00000227615	5	1	1	1
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ENSG00000227620	0	1	0	0
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ENSG00000227623	0	0	0	0
ENSG00000227624	0	0	0	0
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ENSG00000227626	0	0	0	0
ENSG00000227629	0	0	8	1
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ENSG00000227633	0	0	0	0
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ENSG00000227638	0	4	3	0
ENSG00000227639	0	0	0	0
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ENSG00000227644	2	0	0	3
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ENSG00000228312	1	0	0	0
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ENSG00000228727	1	3	3	0
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ENSG00000229935	0	0	0	0
ENSG00000229937	0	0	0	0
ENSG00000229939	0	0	0	2
ENSG00000229940	0	0	0	0
ENSG00000229942	0	0	0	0
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ENSG00000229946	0	0	0	0
ENSG00000229947	0	0	0	0
ENSG00000229948	0	0	0	0
ENSG00000229949	0	0	0	0
ENSG00000229954	0	0	0	0
ENSG00000229959	0	0	0	0
ENSG00000229965	1	0	0	0
ENSG00000229968	1	0	0	2
ENSG00000229972	1	0	5	2
ENSG00000229975	0	0	0	0
ENSG00000229977	0	0	0	0
ENSG00000229978	0	0	0	0
ENSG00000229979	0	0	0	0
ENSG00000229982	0	0	0	0
ENSG00000229985	0	0	0	0
ENSG00000229988	0	1	0	0
ENSG00000229991	0	0	0	0
ENSG00000229992	0	1	0	0
ENSG00000229994	1	1	0	1
ENSG00000229995	0	0	0	0
ENSG00000229998	650	652	661	519
ENSG00000230003	0	0	0	0
ENSG00000230006	9	16	10	13
ENSG00000230009	0	0	0	0
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ENSG00000230016	0	0	0	0
ENSG00000230018	11	21	8	12
ENSG00000230019	0	0	0	0
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ENSG00000230025	0	0	0	0
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ENSG00000230029	0	0	0	0
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ENSG00000230034	12	11	10	225
ENSG00000230037	1	0	0	1
ENSG00000230039	0	0	0	0
ENSG00000230042	2	5	6	3
ENSG00000230043	0	0	2	3
ENSG00000230044	0	0	0	0
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ENSG00000230047	0	0	0	0
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ENSG00000230060	0	0	1	1
ENSG00000230062	0	0	0	0
ENSG00000230064	0	0	0	0
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ENSG00000230067	1	0	0	0
ENSG00000230069	1	11	13	18
ENSG00000230071	2	3	4	0
ENSG00000230072	0	0	0	0
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ENSG00000230077	0	0	0	1
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ENSG00000230081	0	0	0	0
ENSG00000230083	0	0	0	0
ENSG00000230086	0	0	0	0
ENSG00000230087	0	0	0	0
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ENSG00000230101	0	0	0	0
ENSG00000230104	0	1	0	0
ENSG00000230106	0	0	0	0
ENSG00000230108	0	0	0	0
ENSG00000230111	0	0	0	0
ENSG00000230112	0	1	0	0
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ENSG00000230118	0	0	0	0
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ENSG00000230136	0	0	0	0
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ENSG00000230191	0	0	0	1
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ENSG00000230198	0	0	0	0
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ENSG00000230201	0	1	0	0
ENSG00000230202	2	0	0	0
ENSG00000230203	0	0	0	0
ENSG00000230204	4	6	14	6
ENSG00000230207	2	1	2	0
ENSG00000230208	0	0	0	0
ENSG00000230209	0	0	0	0
ENSG00000230211	0	0	0	0
ENSG00000230213	0	0	0	0
ENSG00000230214	0	0	0	0
ENSG00000230216	3	0	1	0
ENSG00000230219	2	2	3	1

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ENSG00000230225	1	0	3	0
ENSG00000230227	0	0	0	0
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ENSG00000230230	0	0	0	0
ENSG00000230231	0	0	0	0
ENSG00000230237	0	0	0	0
ENSG00000230238	0	1	2	2
ENSG00000230240	0	0	0	0
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ENSG00000230244	0	0	0	0
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ENSG00000230251	0	0	0	0
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ENSG00000230304	0	0	0	0

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ENSG00000230306	2	4	0	0
ENSG00000230307	0	0	0	0
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ENSG00000230357	0	0	0	0
ENSG00000230358	0	1	2	0
ENSG00000230359	8	10	12	7
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ENSG00000230377	0	0	0	0
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ENSG00000230456	292	0	553	0
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ENSG00000230465	3	3	6	1
ENSG00000230467	0	2	7	5
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ENSG00000230522	0	0	0	0
ENSG00000230524	0	0	1	0
ENSG00000230528	1	1	2	3
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ENSG00000230589	0	0	0	0
ENSG00000230592	1	0	1	1
ENSG00000230593	0	2	0	4
ENSG00000230594	0	0	0	0
ENSG00000230595	1	0	0	0
ENSG00000230596	16	24	97	14
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ENSG00000230629	2	2	2	2
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ENSG00000230646	0	0	0	1
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ENSG00000230666	4	9	4	7
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ENSG00000230681	0	0	0	0
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ENSG00000230708	2	4	21	4
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ENSG00000230715	46	54	50	26
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ENSG00000230726	0	0	0	0
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ENSG00000230772	1	4	6	2
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ENSG00000230795	0	16	0	41
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ENSG00000230821	0	0	0	0
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ENSG00000230863	0	0	0	0
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ENSG00000230869	14	22	11	24
ENSG00000230870	5	4	6	6
ENSG00000230871	0	0	0	0
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ENSG00000230873	3	0	5	2
ENSG00000230874	0	0	0	0
ENSG00000230878	0	0	0	0
ENSG00000230879	0	0	0	0
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ENSG00000230885	0	0	0	1
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ENSG00000230913	0	0	0	0
ENSG00000230915	1	0	0	0
ENSG00000230916	0	0	1	0
ENSG00000230926	0	0	0	0
ENSG00000230927	0	0	0	0
ENSG00000230929	2	0	0	3
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ENSG00000230931	0	0	0	0
ENSG00000230932	0	0	0	0
ENSG00000230934	0	0	0	0
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ENSG00000230946	0	1	0	0
ENSG00000230948	0	0	0	0
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ENSG00000230953	4	24	14	12
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ENSG00000230973	0	0	0	0
ENSG00000230977	0	0	0	0
ENSG00000230979	2	1	4	1
ENSG00000230980	0	0	0	0
ENSG00000230982	34	46	23	25
ENSG00000230985	115	9	110	1
ENSG00000230986	0	0	0	0
ENSG00000230987	5	14	9	11
ENSG00000230988	0	0	0	0
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ENSG00000230992	0	0	0	0
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ENSG00000230997	0	0	0	0
ENSG00000230999	0	0	0	0
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ENSG00000231001	0	0	0	0
ENSG00000231002	0	0	0	0
ENSG00000231003	0	0	1	1
ENSG00000231005	0	0	0	0
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ENSG00000231007	8	27	22	24
ENSG00000231009	0	0	0	0
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ENSG00000231017	0	0	0	0
ENSG00000231018	0	0	0	0
ENSG00000231020	0	0	0	0
ENSG00000231021	0	0	2	0
ENSG00000231022	0	0	0	0
ENSG00000231026	0	0	0	0
ENSG00000231027	0	0	0	0
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ENSG00000231035	0	0	0	0
ENSG00000231041	0	0	0	0
ENSG00000231043	1	0	0	0
ENSG00000231044	130	151	177	102
ENSG00000231047	0	1	0	0
ENSG00000231048	0	1	0	3
ENSG00000231049	0	1	0	0
ENSG00000231051	0	0	0	0
ENSG00000231053	0	0	0	0
ENSG00000231058	0	0	0	0
ENSG00000231060	0	0	0	0
ENSG00000231063	1	0	1	1
ENSG00000231066	1	0	1	0
ENSG00000231067	0	0	0	8
ENSG00000231068	0	0	0	0
ENSG00000231069	0	0	1	0
ENSG00000231070	0	0	0	0
ENSG00000231071	0	0	0	0
ENSG00000231072	0	0	0	0
ENSG00000231084	4	7	14	8
ENSG00000231086	1	1	1	0
ENSG00000231087	0	0	0	2
ENSG00000231093	0	0	0	0
ENSG00000231094	3	16	1	1
ENSG00000231095	0	0	0	0
ENSG00000231096	0	0	0	0
ENSG00000231099	0	0	0	0
ENSG00000231100	0	0	0	0
ENSG00000231103	0	0	0	0
ENSG00000231108	0	0	0	0
ENSG00000231112	0	0	0	0
ENSG00000231115	252	252	118	112
ENSG00000231116	31	137	92	77
ENSG00000231118	0	0	1	0
ENSG00000231120	1	0	0	0
ENSG00000231122	0	0	0	0
ENSG00000231123	0	0	1	0
ENSG00000231124	0	0	0	0
ENSG00000231129	29	184	207	120
ENSG00000231130	0	0	0	0
ENSG00000231135	7	7	12	7

ENSG00000231136	0	0	0	0
ENSG00000231137	0	0	0	1
ENSG00000231139	0	0	0	0
ENSG00000231144	0	0	0	0
ENSG00000231147	0	1	0	0
ENSG00000231148	0	0	1	0
ENSG00000231152	0	0	0	0
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ENSG00000231159	0	0	0	0
ENSG00000231162	0	0	0	0
ENSG00000231164	0	0	0	1
ENSG00000231165	0	0	0	0
ENSG00000231166	0	0	0	0
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ENSG00000231169	0	0	1	0
ENSG00000231179	39	17	18	17
ENSG00000231181	2	1	0	2
ENSG00000231184	0	0	0	0
ENSG00000231190	0	0	0	0
ENSG00000231192	0	0	0	0
ENSG00000231195	1	0	0	0
ENSG00000231197	0	0	0	0
ENSG00000231198	0	0	0	0
ENSG00000231199	0	0	0	0
ENSG00000231202	0	0	0	0
ENSG00000231203	0	0	0	0
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ENSG00000231206	0	0	0	0
ENSG00000231207	0	1	0	0
ENSG00000231211	0	0	0	0
ENSG00000231213	0	0	0	0
ENSG00000231219	0	0	0	0
ENSG00000231222	0	0	0	0
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ENSG00000231228	0	0	0	0
ENSG00000231232	1	0	0	0
ENSG00000231234	2	5	7	4
ENSG00000231235	0	0	0	0
ENSG00000231237	1	0	1	0
ENSG00000231240	0	0	0	0
ENSG00000231241	0	0	0	0

ENSG00000231244	0	0	0	0
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ENSG00000231247	27	36	26	18
ENSG00000231251	0	0	0	0
ENSG00000231254	0	0	0	0
ENSG00000231256	9	14	7	6
ENSG00000231257	24	42	54	14
ENSG00000231258	4	14	11	6
ENSG00000231259	156	117	174	157
ENSG00000231261	0	0	0	0
ENSG00000231264	0	0	0	0
ENSG00000231268	1	2	2	3
ENSG00000231270	0	0	0	0
ENSG00000231271	0	0	0	0
ENSG00000231274	0	1	0	1
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ENSG00000231278	0	0	0	0
ENSG00000231279	0	0	0	0
ENSG00000231280	0	0	0	0
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ENSG00000231293	0	0	0	0
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ENSG00000231299	0	0	0	0
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ENSG00000231301	0	0	0	0
ENSG00000231302	0	0	0	2
ENSG00000231307	0	3	0	1
ENSG00000231309	0	0	0	0
ENSG00000231311	0	0	0	0
ENSG00000231313	0	0	0	0
ENSG00000231314	0	0	0	0
ENSG00000231316	0	0	0	0
ENSG00000231317	0	3	0	0
ENSG00000231319	0	0	0	0
ENSG00000231320	0	0	0	0
ENSG00000231321	41	41	33	192
ENSG00000231322	0	0	1	1
ENSG00000231325	5	0	10	1
ENSG00000231328	0	0	0	0

ENSG00000231331	0	0	0	0
ENSG00000231333	0	0	0	0
ENSG00000231340	8	11	12	9
ENSG00000231341	0	0	0	0
ENSG00000231344	0	0	0	0
ENSG00000231345	63	77	22	31
ENSG00000231349	0	0	0	0
ENSG00000231350	0	1	0	0
ENSG00000231351	0	0	0	0
ENSG00000231353	0	0	0	0
ENSG00000231356	0	0	0	0
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ENSG00000231361	0	0	0	0
ENSG00000231362	0	0	0	0
ENSG00000231366	0	0	1	0
ENSG00000231368	0	0	0	0
ENSG00000231369	1	1	2	4
ENSG00000231370	14	55	1592	1325
ENSG00000231371	0	0	0	0
ENSG00000231372	48	77	112	57
ENSG00000231375	0	0	0	0
ENSG00000231376	0	0	0	0
ENSG00000231377	120	154	136	102
ENSG00000231378	0	0	0	1
ENSG00000231381	0	0	0	0
ENSG00000231382	0	0	0	0
ENSG00000231384	0	0	0	0
ENSG00000231385	0	1	0	0
ENSG00000231386	0	0	0	0
ENSG00000231388	0	0	0	0
ENSG00000231389	0	11	3	3
ENSG00000231390	1	0	0	0
ENSG00000231392	0	0	0	0
ENSG00000231395	1	3	2	1
ENSG00000231396	0	0	0	0
ENSG00000231397	0	0	0	0
ENSG00000231398	0	0	0	0
ENSG00000231399	0	0	0	0
ENSG00000231402	0	0	0	0
ENSG00000231404	0	0	0	0
ENSG00000231408	0	0	0	0
ENSG00000231409	1	2	2	0

ENSG00000231411	0	0	0	0
ENSG00000231414	0	0	1	0
ENSG00000231416	0	0	0	0
ENSG00000231417	0	0	0	0
ENSG00000231423	0	0	0	0
ENSG00000231430	0	0	0	0
ENSG00000231431	0	0	0	1
ENSG00000231433	0	0	0	0
ENSG00000231434	0	1	1	0
ENSG00000231436	0	0	0	0
ENSG00000231442	0	0	0	0
ENSG00000231443	0	11	8	8
ENSG00000231445	4	12	8	12
ENSG00000231449	0	0	1	0
ENSG00000231454	0	0	0	0
ENSG00000231458	0	0	0	0
ENSG00000231461	0	0	0	0
ENSG00000231464	0	2	1	1
ENSG00000231466	5	4	9	7
ENSG00000231468	1	1	2	2
ENSG00000231470	0	0	0	0
ENSG00000231471	0	0	0	0
ENSG00000231475	0	0	0	0
ENSG00000231478	0	0	0	0
ENSG00000231479	0	0	0	0
ENSG00000231480	0	0	0	0
ENSG00000231484	0	0	0	0
ENSG00000231488	18	25	88	123
ENSG00000231489	0	0	0	0
ENSG00000231490	0	0	0	0
ENSG00000231491	0	0	0	0
ENSG00000231494	0	2	1	2
ENSG00000231500	5487	5020	3891	3419
ENSG00000231501	0	0	0	0
ENSG00000231502	44	40	43	29
ENSG00000231503	0	0	0	1
ENSG00000231504	0	0	0	0
ENSG00000231508	0	0	0	0
ENSG00000231513	0	0	0	0
ENSG00000231514	0	0	0	0
ENSG00000231516	0	0	0	0
ENSG00000231523	0	0	0	0
ENSG00000231525	0	0	0	0

ENSG00000231526	0	0	0	0
ENSG00000231531	0	0	0	0
ENSG00000231537	0	0	0	0
ENSG00000231540	0	0	0	0
ENSG00000231541	0	0	0	0
ENSG00000231543	107	67	15	75
ENSG00000231544	1	0	2	0
ENSG00000231546	1	0	0	0
ENSG00000231547	0	0	0	0
ENSG00000231548	0	0	0	0
ENSG00000231549	0	0	0	0
ENSG00000231550	0	0	0	1
ENSG00000231552	0	0	0	0
ENSG00000231553	0	0	0	0
ENSG00000231555	459	1584	889	0
ENSG00000231556	0	0	0	0
ENSG00000231558	2	0	2	2
ENSG00000231559	0	0	0	0
ENSG00000231561	2	3	3	1
ENSG00000231562	0	0	0	1
ENSG00000231564	0	0	0	0
ENSG00000231565	0	0	0	0
ENSG00000231567	0	0	0	0
ENSG00000231568	0	0	0	0
ENSG00000231569	0	0	0	0
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ENSG00000231579	0	0	0	0
ENSG00000231580	0	0	0	0
ENSG00000231582	0	0	0	0
ENSG00000231583	0	0	0	0
ENSG00000231584	60	65	61	51
ENSG00000231586	0	0	0	0
ENSG00000231588	36	82	32	40
ENSG00000231590	0	0	0	0
ENSG00000231592	0	0	0	0
ENSG00000231593	0	0	0	0
ENSG00000231596	0	0	0	0
ENSG00000231600	0	0	0	0
ENSG00000231602	0	0	0	0
ENSG00000231603	0	0	0	0
ENSG00000231608	2059	20	153	5
ENSG00000231610	0	0	0	0

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ENSG00000231617	632	0	1390	578
ENSG00000231618	15	21	72	60
ENSG00000231619	0	0	0	0
ENSG00000231622	0	0	0	0
ENSG00000231623	0	0	0	0
ENSG00000231624	0	0	0	0
ENSG00000231625	1	1	2	0
ENSG00000231631	70	97	108	34
ENSG00000231635	0	0	0	0
ENSG00000231637	0	0	0	0
ENSG00000231641	43	38	0	203
ENSG00000231643	0	0	1	0
ENSG00000231645	0	0	0	0
ENSG00000231649	0	0	0	1
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ENSG00000231656	0	0	0	0
ENSG00000231659	0	0	0	0
ENSG00000231660	0	0	0	0
ENSG00000231665	2	1	3	2
ENSG00000231667	0	0	0	0
ENSG00000231668	0	0	0	1
ENSG00000231670	0	0	0	0
ENSG00000231672	13	74	21	19
ENSG00000231675	0	0	0	0
ENSG00000231676	0	0	0	0
ENSG00000231679	0	0	0	0
ENSG00000231684	0	0	0	0
ENSG00000231686	0	0	0	0
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ENSG00000231707	0	0	0	0
ENSG00000231710	0	0	0	0
ENSG00000231712	0	0	0	0
ENSG00000231715	1	0	0	0
ENSG00000231716	0	0	0	0

ENSG00000231719	0	0	0	0
ENSG00000231722	0	0	0	0
ENSG00000231723	0	0	0	0
ENSG00000231725	0	0	0	0
ENSG00000231726	0	0	0	0
ENSG00000231735	0	0	0	0
ENSG00000231737	144	223	149	135
ENSG00000231738	14	13	1	12
ENSG00000231739	0	0	0	0
ENSG00000231741	0	0	0	0
ENSG00000231743	0	0	0	0
ENSG00000231744	0	1	0	0
ENSG00000231745	0	0	0	0
ENSG00000231746	0	0	0	0
ENSG00000231747	0	1	2	0
ENSG00000231750	0	0	0	0
ENSG00000231752	0	0	0	0
ENSG00000231759	6	5	0	0
ENSG00000231762	4	1	2	2
ENSG00000231763	0	0	0	0
ENSG00000231765	0	0	0	0
ENSG00000231766	0	0	0	0
ENSG00000231767	0	1	1	0
ENSG00000231773	0	0	0	0
ENSG00000231777	0	0	0	0
ENSG00000231780	0	0	0	0
ENSG00000231784	7	7	10	9
ENSG00000231785	0	0	0	0
ENSG00000231787	0	0	0	1
ENSG00000231788	0	0	0	0
ENSG00000231793	2	3	2	4
ENSG00000231799	0	0	1	1
ENSG00000231801	0	0	0	0
ENSG00000231802	0	0	0	0
ENSG00000231804	0	0	1	0
ENSG00000231809	0	0	0	0
ENSG00000231810	0	0	0	0
ENSG00000231812	3	2	0	2
ENSG00000231821	0	0	0	0
ENSG00000231822	1	3	2	1
ENSG00000231823	0	0	0	0
ENSG00000231824	0	0	0	0
ENSG00000231825	461	529	11	6

ENSG00000231827	0	1	0	1
ENSG00000231831	0	0	0	0
ENSG00000231834	145	0	67	31
ENSG00000231837	0	0	0	0
ENSG00000231839	0	2	0	0
ENSG00000231841	0	0	0	1
ENSG00000231845	1	3	0	0
ENSG00000231848	0	0	1	0
ENSG00000231849	0	0	0	0
ENSG00000231852	1	1	2	0
ENSG00000231855	0	0	0	0
ENSG00000231857	0	0	1	0
ENSG00000231859	2	1	2	1
ENSG00000231861	0	0	0	0
ENSG00000231866	0	0	0	1
ENSG00000231870	0	0	0	0
ENSG00000231874	0	0	0	0
ENSG00000231875	1	0	0	0
ENSG00000231878	0	0	0	0
ENSG00000231879	0	0	0	0
ENSG00000231884	0	0	0	0
ENSG00000231887	0	6	0	7
ENSG00000231888	0	0	0	0
ENSG00000231894	0	0	0	0
ENSG00000231895	1	0	0	0
ENSG00000231897	0	0	0	0
ENSG00000231900	0	0	0	0
ENSG00000231904	0	0	0	0
ENSG00000231905	0	0	0	0
ENSG00000231906	0	0	2	0
ENSG00000231907	0	0	0	0
ENSG00000231909	1	0	0	1
ENSG00000231910	0	0	0	0
ENSG00000231911	0	0	0	0
ENSG00000231913	0	0	0	0
ENSG00000231915	0	0	0	0
ENSG00000231916	1	0	1	0
ENSG00000231919	0	0	0	0
ENSG00000231922	2	1	1	2
ENSG00000231923	0	0	0	0
ENSG00000231924	75	171	55	421
ENSG00000231925	438	17	539	330
ENSG00000231926	0	0	0	0

ENSG00000231928	0	0	0	0
ENSG00000231929	0	0	0	1
ENSG00000231930	0	0	0	0
ENSG00000231931	0	0	0	1
ENSG00000231939	0	0	0	0
ENSG00000231940	0	0	0	0
ENSG00000231941	0	0	4	5
ENSG00000231942	0	3	1	0
ENSG00000231945	563	583	646	487
ENSG00000231947	0	0	0	0
ENSG00000231952	1	1	4	0
ENSG00000231954	0	0	0	0
ENSG00000231956	0	0	0	0
ENSG00000231957	0	0	0	0
ENSG00000231961	0	0	0	0
ENSG00000231965	0	0	0	1
ENSG00000231967	0	1	0	0
ENSG00000231968	0	0	0	0
ENSG00000231973	0	0	0	0
ENSG00000231974	8	7	8	7
ENSG00000231975	0	0	0	0
ENSG00000231978	0	0	0	0
ENSG00000231981	0	0	0	0
ENSG00000231982	5	2	2	3
ENSG00000231984	0	0	0	0
ENSG00000231988	0	0	0	0
ENSG00000231989	0	0	0	0
ENSG00000231991	0	0	1	3
ENSG00000231995	15	28	52	13
ENSG00000231996	0	0	0	0
ENSG00000231998	0	0	0	0
ENSG00000232000	7	8	2	4
ENSG00000232003	0	0	0	0
ENSG00000232004	0	0	1	0
ENSG00000232005	716	636	1212	774
ENSG00000232007	0	0	0	0
ENSG00000232009	0	0	0	0
ENSG00000232011	0	0	0	0
ENSG00000232015	0	0	0	0
ENSG00000232017	0	0	0	0
ENSG00000232022	3	4	1	3
ENSG00000232024	65	82	91	47
ENSG00000232027	1	0	2	0

ENSG00000232029	0	0	0	0
ENSG00000232030	0	0	0	0
ENSG00000232032	1	1	0	0
ENSG00000232036	0	0	0	0
ENSG00000232037	0	0	0	0
ENSG00000232039	0	0	0	0
ENSG00000232040	2	11	17	5
ENSG00000232041	0	0	0	0
ENSG00000232042	0	0	0	0
ENSG00000232045	342	60	63	162
ENSG00000232048	0	0	0	0
ENSG00000232049	0	0	0	0
ENSG00000232050	0	0	0	0
ENSG00000232054	0	0	0	0
ENSG00000232059	1	0	2	0
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ENSG00000232062	0	0	0	0
ENSG00000232064	0	0	0	0
ENSG00000232068	0	0	0	0
ENSG00000232069	0	0	0	0
ENSG00000232070	44	19	9	9
ENSG00000232075	1	4	0	1
ENSG00000232083	1	0	0	0
ENSG00000232087	0	0	0	0
ENSG00000232089	0	0	0	0
ENSG00000232090	0	0	0	0
ENSG00000232091	0	0	1	1
ENSG00000232095	0	0	0	0
ENSG00000232096	0	0	0	0
ENSG00000232097	0	1	0	0
ENSG00000232099	0	0	0	0
ENSG00000232101	0	0	0	0
ENSG00000232102	0	0	0	0
ENSG00000232105	0	0	0	0
ENSG00000232106	0	0	0	0
ENSG00000232109	0	0	0	0
ENSG00000232111	0	15	0	0
ENSG00000232112	1170	1447	1573	1015
ENSG00000232114	1	0	0	0
ENSG00000232115	0	0	0	0
ENSG00000232119	360	446	480	271
ENSG00000232122	0	0	0	0
ENSG00000232125	0	0	0	0

ENSG00000232126	485	1	502	1824
ENSG00000232127	0	0	0	0
ENSG00000232128	0	0	0	0
ENSG00000232133	0	0	0	7
ENSG00000232134	0	0	2	1
ENSG00000232135	0	0	0	0
ENSG00000232136	2	1	7	2
ENSG00000232138	0	0	0	0
ENSG00000232141	0	0	0	0
ENSG00000232142	0	0	0	0
ENSG00000232143	247	290	326	277
ENSG00000232144	0	1	0	0
ENSG00000232145	0	0	0	0
ENSG00000232146	0	0	0	0
ENSG00000232148	0	0	0	0
ENSG00000232149	9	10	26	0
ENSG00000232150	0	0	0	1
ENSG00000232154	0	0	0	0
ENSG00000232155	0	0	0	0
ENSG00000232156	0	0	0	0
ENSG00000232158	0	0	0	0
ENSG00000232159	0	0	0	0
ENSG00000232161	0	0	0	0
ENSG00000232163	0	3	1	1
ENSG00000232165	0	0	0	0
ENSG00000232166	0	0	0	0
ENSG00000232167	0	0	0	0
ENSG00000232168	0	0	0	0
ENSG00000232169	322	203	296	221
ENSG00000232172	0	0	0	0
ENSG00000232173	0	0	0	0
ENSG00000232174	0	0	0	0
ENSG00000232175	0	0	0	0
ENSG00000232176	0	0	0	1
ENSG00000232177	0	0	1	0
ENSG00000232178	0	0	0	0
ENSG00000232179	0	0	0	0
ENSG00000232180	0	0	0	0
ENSG00000232185	0	0	0	0
ENSG00000232186	2	4	1	1
ENSG00000232187	19	34	46	24
ENSG00000232189	0	0	0	0
ENSG00000232195	0	0	0	0

ENSG00000232196	759	1665	2324	869
ENSG00000232198	0	0	0	0
ENSG00000232199	0	0	0	0
ENSG00000232202	0	2	1	7
ENSG00000232203	0	1	0	0
ENSG00000232204	1	0	0	0
ENSG00000232205	0	0	0	0
ENSG00000232208	0	0	0	0
ENSG00000232215	0	0	0	0
ENSG00000232216	0	0	0	0
ENSG00000232217	0	0	0	0
ENSG00000232218	1	1	1	1
ENSG00000232223	0	0	0	0
ENSG00000232226	0	0	0	0
ENSG00000232228	0	0	0	0
ENSG00000232230	1	0	0	1
ENSG00000232232	0	0	0	0
ENSG00000232235	0	0	0	0
ENSG00000232237	1	1	1	0
ENSG00000232238	0	0	0	0
ENSG00000232239	0	0	0	0
ENSG00000232240	0	0	0	0
ENSG00000232241	0	0	0	0
ENSG00000232242	0	0	0	0
ENSG00000232244	0	0	0	0
ENSG00000232249	0	0	0	0
ENSG00000232251	0	0	0	0
ENSG00000232253	0	0	0	0
ENSG00000232254	0	0	0	0
ENSG00000232258	0	0	0	0
ENSG00000232260	0	0	0	0
ENSG00000232261	0	0	0	0
ENSG00000232263	0	0	0	0
ENSG00000232264	0	0	0	0
ENSG00000232267	0	0	0	0
ENSG00000232268	1	0	1	0
ENSG00000232273	1	0	3	0
ENSG00000232276	0	0	0	0
ENSG00000232277	0	0	0	0
ENSG00000232280	442	460	443	320
ENSG00000232281	0	0	0	0
ENSG00000232282	0	0	0	0
ENSG00000232285	0	0	0	0

ENSG00000232289	0	0	0	0
ENSG00000232292	0	0	0	0
ENSG00000232293	0	0	0	0
ENSG00000232296	0	0	0	0
ENSG00000232302	0	0	0	0
ENSG00000232303	9	16	11	11
ENSG00000232305	0	0	0	0
ENSG00000232308	0	0	0	0
ENSG00000232312	43	39	60	55
ENSG00000232314	0	0	0	0
ENSG00000232320	0	0	0	0
ENSG00000232326	65	2	32	10
ENSG00000232327	2	0	0	0
ENSG00000232331	0	0	0	0
ENSG00000232332	0	0	0	0
ENSG00000232333	0	1	0	0
ENSG00000232334	3	1	1	2
ENSG00000232337	0	0	0	0
ENSG00000232339	6	2	7	2
ENSG00000232341	0	1	0	0
ENSG00000232344	5	2	3	3
ENSG00000232345	0	0	0	0
ENSG00000232346	1	0	0	1
ENSG00000232349	0	0	0	0
ENSG00000232350	0	0	0	0
ENSG00000232355	0	0	0	0
ENSG00000232357	14	12	9	16
ENSG00000232361	1	0	0	0
ENSG00000232362	0	0	0	0
ENSG00000232366	0	0	0	0
ENSG00000232367	133	133	131	74
ENSG00000232368	5	2	7	2
ENSG00000232369	0	0	0	1
ENSG00000232370	0	0	0	0
ENSG00000232373	0	0	0	0
ENSG00000232374	3	1	1	1
ENSG00000232375	0	0	0	0
ENSG00000232376	0	0	0	0
ENSG00000232378	0	0	0	0
ENSG00000232379	0	0	0	0
ENSG00000232380	0	0	0	0
ENSG00000232381	0	0	0	0
ENSG00000232382	0	0	0	0

ENSG00000232383	0	0	0	0
ENSG00000232385	0	2	1	0
ENSG00000232387	0	0	0	0
ENSG00000232388	260	296	303	255
ENSG00000232389	0	0	0	0
ENSG00000232390	0	0	0	0
ENSG00000232391	0	0	0	0
ENSG00000232392	0	1	0	0
ENSG00000232393	0	0	0	0
ENSG00000232397	0	0	0	0
ENSG00000232398	0	2	0	1
ENSG00000232399	0	0	0	0
ENSG00000232400	0	0	0	0
ENSG00000232403	0	0	0	0
ENSG00000232407	0	1	1	0
ENSG00000232409	0	0	0	0
ENSG00000232414	2	6	0	2
ENSG00000232418	0	0	0	0
ENSG00000232420	0	0	0	0
ENSG00000232421	3795	2076	3121	1003
ENSG00000232422	0	0	0	0
ENSG00000232423	0	0	0	0
ENSG00000232424	0	0	0	0
ENSG00000232429	0	0	0	0
ENSG00000232430	0	0	0	0
ENSG00000232431	0	0	1	0
ENSG00000232433	0	0	0	0
ENSG00000232434	106	99	68	46
ENSG00000232435	0	0	0	0
ENSG00000232437	0	0	0	0
ENSG00000232439	4	4	6	5
ENSG00000232441	0	0	0	0
ENSG00000232446	0	0	0	0
ENSG00000232447	0	0	0	0
ENSG00000232450	9	10	7	6
ENSG00000232454	0	0	0	1
ENSG00000232456	0	0	0	1
ENSG00000232457	2	0	0	0
ENSG00000232459	0	0	0	0
ENSG00000232460	34	31	32	21
ENSG00000232463	0	0	0	0
ENSG00000232466	0	0	0	0
ENSG00000232467	0	0	0	0

ENSG00000232469	0	0	0	0
ENSG00000232471	2	0	0	0
ENSG00000232472	3	3	3	3
ENSG00000232473	0	0	0	0
ENSG00000232475	0	0	0	0
ENSG00000232479	0	1	0	0
ENSG00000232482	0	0	0	0
ENSG00000232486	0	0	0	0
ENSG00000232489	0	3	1	0
ENSG00000232491	0	0	1	0
ENSG00000232492	1	2	3	1
ENSG00000232493	0	0	1	0
ENSG00000232496	0	0	0	0
ENSG00000232497	0	0	0	0
ENSG00000232499	0	0	1	0
ENSG00000232502	0	0	0	0
ENSG00000232503	0	0	0	0
ENSG00000232508	0	0	0	0
ENSG00000232511	0	0	0	0
ENSG00000232514	0	0	0	0
ENSG00000232515	0	0	0	0
ENSG00000232516	0	0	1	0
ENSG00000232517	12	12	25	13
ENSG00000232522	0	0	0	0
ENSG00000232525	0	0	0	0
ENSG00000232526	0	0	0	0
ENSG00000232528	3	2	5	6
ENSG00000232531	0	0	0	0
ENSG00000232535	0	0	0	0
ENSG00000232540	0	0	0	0
ENSG00000232541	2	6	12	0
ENSG00000232543	0	0	0	0
ENSG00000232546	1	1	1	0
ENSG00000232549	0	0	0	0
ENSG00000232551	0	0	0	0
ENSG00000232553	0	0	0	0
ENSG00000232554	1	0	1	0
ENSG00000232556	0	0	0	1
ENSG00000232559	43	82	59	58
ENSG00000232562	0	0	0	0
ENSG00000232563	0	0	0	0
ENSG00000232568	2	2	3	1
ENSG00000232569	42	51	59	87

ENSG00000232572	0	0	0	0
ENSG00000232573	0	0	0	4
ENSG00000232575	3795	2076	3121	1003
ENSG00000232576	0	0	0	0
ENSG00000232578	0	0	0	0
ENSG00000232579	0	0	0	0
ENSG00000232582	0	0	0	0
ENSG00000232583	0	0	0	0
ENSG00000232585	0	0	0	0
ENSG00000232587	1	0	1	2
ENSG00000232594	0	0	0	0
ENSG00000232595	0	0	0	0
ENSG00000232599	1	1	0	0
ENSG00000232601	0	0	0	0
ENSG00000232603	0	0	0	0
ENSG00000232605	0	0	0	0
ENSG00000232608	0	1	1	0
ENSG00000232610	0	0	0	0
ENSG00000232612	0	1	0	0
ENSG00000232614	0	0	0	0
ENSG00000232615	2	2	2	1
ENSG00000232616	356	238	378	214
ENSG00000232617	0	0	0	0
ENSG00000232620	0	0	0	0
ENSG00000232621	0	0	0	0
ENSG00000232622	1	0	0	0
ENSG00000232625	0	1	0	0
ENSG00000232626	0	0	0	1
ENSG00000232627	0	0	0	0
ENSG00000232629	0	0	0	0
ENSG00000232630	17	16	18	10
ENSG00000232631	0	0	0	0
ENSG00000232632	26	29	28	21
ENSG00000232634	0	0	0	0
ENSG00000232639	0	0	0	0
ENSG00000232641	0	2	0	1
ENSG00000232644	0	0	0	0
ENSG00000232646	1	0	1	0
ENSG00000232647	0	0	0	0
ENSG00000232649	0	0	0	0
ENSG00000232653	645	706	537	306
ENSG00000232654	0	0	1	0
ENSG00000232658	0	0	0	0

ENSG00000232659	0	0	0	0
ENSG00000232662	0	0	0	0
ENSG00000232663	0	0	0	0
ENSG00000232664	0	0	0	0
ENSG00000232665	0	0	0	0
ENSG00000232668	0	0	0	0
ENSG00000232672	0	0	0	0
ENSG00000232676	0	1	0	0
ENSG00000232678	0	0	0	0
ENSG00000232683	0	0	0	0
ENSG00000232687	1	2	0	0
ENSG00000232690	0	0	0	0
ENSG00000232695	0	0	0	0
ENSG00000232699	0	0	1	0
ENSG00000232701	0	0	0	0
ENSG00000232702	0	0	0	0
ENSG00000232705	0	0	0	0
ENSG00000232706	2	1	1	0
ENSG00000232707	0	0	0	0
ENSG00000232708	0	36	29	24
ENSG00000232709	1	0	2	1
ENSG00000232713	2	4	2	2
ENSG00000232714	0	0	0	0
ENSG00000232716	0	0	0	0
ENSG00000232717	0	1	0	1
ENSG00000232718	0	0	0	0
ENSG00000232722	0	0	0	0
ENSG00000232723	1	1	0	0
ENSG00000232724	0	0	0	1
ENSG00000232727	0	0	1	0
ENSG00000232728	0	0	0	0
ENSG00000232730	0	0	0	0
ENSG00000232733	0	0	0	0
ENSG00000232734	0	0	0	0
ENSG00000232735	0	0	0	0
ENSG00000232736	0	0	0	0
ENSG00000232742	4	1	1	0
ENSG00000232743	0	0	0	0
ENSG00000232744	0	0	0	0
ENSG00000232747	0	0	0	0
ENSG00000232750	1	0	0	0
ENSG00000232751	0	0	0	1
ENSG00000232752	2	1	4	0

```
ENSG00000232757          0          0          0          0
ENSG00000232760          0          0          0          0
ENSG00000232764          0          0          0          0
ENSG00000232765          0          0          0          0
ENSG00000232766          0          0          0          0
ENSG00000232768          0          0          0          0
ENSG00000232771          0          0          0          0
ENSG00000232772          0          0          0          0
ENSG00000232773          0          0          0          0
ENSG00000232775          1          3         16          3
ENSG00000232777          0          0          0          0
ENSG00000232778          0          1          1          0
ENSG00000232780          0          0          0          0
ENSG00000232781          0          0          0          0
ENSG00000232783          0          0          0          0
ENSG00000232786          0          0          0          0
ENSG00000232787          0          0          0          0
ENSG00000232789          0          0          0          0
ENSG00000232791          0          0          0          0
ENSG00000232792          0          0          0          0
ENSG00000232793          0          0          0          0
ENSG00000232794          0          1          0          0
ENSG00000232795          0          0          0          0
ENSG00000232797          0          0          0          0
ENSG00000232798          0          0          2          0
ENSG00000232799          0          0          0          0
ENSG00000232800          0          0          0          0
ENSG00000232801          0          0          0          1
ENSG00000232802          0          0          0          0
 [ reached 'max' / getOption("max.print") -- omitted 13695 rows ]
```

```
#get the mean value for each gene, so need to get the mean value for each row
control.mean <-rowMeans(control.counts)
head(control.mean)
```

```
ENSG00000000003 ENSG00000000005 ENSG00000000419 ENSG00000000457 ENSG00000000460
         900.75            0.00          520.50          339.75           97.25
ENSG00000000938
           0.75
```

Q3. How would you make the code in either approach in the workbook more robust?

By doing each step as a separate line of code (as we did above) so that it's easy for others and future me to understand.

Q4. Follow the same procedure for the treated samples (i.e. calculate the mean per gene across drug treated samples and assign to a labeled vector called treated.mean)

```
#which samples are treated
treated.inds <- metadata$dex == "treated"
#pull the treated samples out of the metadata
metadata[treated.inds,]
```

```
         id     dex celltype     geo_id
2 SRR1039509 treated   N61311 GSM1275863
4 SRR1039513 treated  N052611 GSM1275867
6 SRR1039517 treated  N080611 GSM1275871
8 SRR1039521 treated  N061011 GSM1275875
```

```
#pull out the sample ids of the treated samples
treated.inds <- metadata[treated.inds, "id"]
#pulling out the counts for just the sample IDs that are treated
treated.counts <- counts[,treated.inds]
#get the mean values for each gene
treated.mean <-rowMeans(treated.counts)
head(treated.mean)
```

```
ENSG00000000003 ENSG00000000005 ENSG00000000419 ENSG00000000457 ENSG00000000460
         658.00            0.00          546.00          316.50           78.75
ENSG00000000938
           0.00
```

Let's make a quick plot

```
meancounts <- data.frame(control.mean, treated.mean)
meancounts
```

	control.mean	treated.mean
ENSG00000000003	900.75	658.00
ENSG00000000005	0.00	0.00
ENSG00000000419	520.50	546.00
ENSG00000000457	339.75	316.50
ENSG00000000460	97.25	78.75
ENSG00000000938	0.75	0.00
ENSG00000000971	5219.00	6687.50
ENSG00000001036	2327.00	1785.75
ENSG00000001084	755.75	578.00
ENSG00000001167	527.75	348.25
ENSG00000001460	226.75	185.50
ENSG00000001461	3169.50	2701.25
ENSG00000001497	589.50	519.50
ENSG00000001561	110.50	106.75
ENSG00000001617	695.25	543.50
ENSG00000001626	11.25	8.00
ENSG00000001629	2146.00	1679.75
ENSG00000001630	1117.50	895.75
ENSG00000001631	936.00	826.00
ENSG00000002016	251.25	173.50
ENSG00000002079	2.25	3.25
ENSG00000002330	735.00	678.50
ENSG00000002549	1249.25	1256.75
ENSG00000002586	8802.75	8456.50
ENSG00000002587	1.75	2.25
ENSG00000002726	1.25	1.75
ENSG00000002745	9.75	4.75
ENSG00000002746	125.00	126.00
ENSG00000002822	385.25	348.00
ENSG00000002834	7889.00	9618.25
ENSG00000002919	237.50	270.75
ENSG00000002933	498.75	527.50
ENSG00000003056	1962.25	1769.00
ENSG00000003096	581.25	268.25
ENSG00000003137	149.25	61.25
ENSG00000003147	9.00	10.00
ENSG00000003249	146.50	101.00
ENSG00000003393	900.00	896.00
ENSG00000003400	107.00	79.00
ENSG00000003402	2244.25	4612.50
ENSG00000003436	6153.75	4372.50
ENSG00000003509	338.25	285.75

ENSG00000003756	3384.25	2724.50
ENSG00000003987	24.25	36.25
ENSG00000003989	33.75	52.25
ENSG00000004059	1562.75	1867.50
ENSG00000004139	341.00	293.50
ENSG00000004142	1498.50	1527.50
ENSG00000004399	4037.50	3593.00
ENSG00000004455	1376.50	1215.00
ENSG00000004468	5.50	6.25
ENSG00000004478	664.00	603.75
ENSG00000004487	1510.25	1080.00
ENSG00000004534	1563.50	1129.00
ENSG00000004660	100.00	60.75
ENSG00000004700	1390.00	1673.00
ENSG00000004766	550.50	461.50
ENSG00000004776	13843.75	11041.50
ENSG00000004777	126.25	80.50
ENSG00000004779	380.75	374.25
ENSG00000004799	270.50	1429.25
ENSG00000004809	1.50	1.25
ENSG00000004838	23.00	11.00
ENSG00000004846	35.75	10.25
ENSG00000004848	0.00	0.25
ENSG00000004864	158.75	153.75
ENSG00000004866	686.75	405.00
ENSG00000004897	1894.75	1552.25
ENSG00000004939	11.50	7.00
ENSG00000004948	0.00	0.00
ENSG00000004961	499.25	401.25
ENSG00000004975	1199.75	854.50
ENSG00000005001	0.00	0.00
ENSG00000005007	2255.50	2410.00
ENSG00000005020	779.50	745.50
ENSG00000005022	1430.75	1230.50
ENSG00000005059	211.25	212.25
ENSG00000005073	0.75	0.25
ENSG00000005075	640.25	631.75
ENSG00000005100	481.50	546.50
ENSG00000005102	1.00	0.00
ENSG00000005108	9.00	16.25
ENSG00000005156	347.25	248.25
ENSG00000005175	399.50	328.00
ENSG00000005187	31.50	22.00

ENSG00000005189	96.25	62.50
ENSG00000005194	476.00	476.25
ENSG00000005206	711.25	713.75
ENSG00000005238	815.00	644.25
ENSG00000005243	1093.75	899.00
ENSG00000005249	250.50	344.25
ENSG00000005302	472.25	488.25
ENSG00000005339	2897.25	2516.00
ENSG00000005379	160.00	163.50
ENSG00000005381	4.50	9.00
ENSG00000005421	0.25	0.00
ENSG00000005436	305.25	307.50
ENSG00000005448	228.00	257.75
ENSG00000005469	490.25	375.75
ENSG00000005471	48.75	18.50
ENSG00000005483	1994.75	1873.75
ENSG00000005486	968.75	821.00
ENSG00000005513	5.50	3.25
ENSG00000005700	641.00	553.00
ENSG00000005801	258.75	195.00
ENSG00000005810	3123.00	2719.25
ENSG00000005812	1365.50	1616.25
ENSG00000005844	4.50	2.00
ENSG00000005882	1192.00	984.50
ENSG00000005884	1232.00	1447.75
ENSG00000005889	839.25	816.25
ENSG00000005893	5427.25	5032.25
ENSG00000005961	13.50	7.50
ENSG00000005981	8.00	5.00
ENSG00000006007	2644.00	2705.50
ENSG00000006015	412.50	362.75
ENSG00000006016	151.50	165.75
ENSG00000006025	209.00	114.75
ENSG00000006042	3365.00	3136.75
ENSG00000006047	0.75	0.50
ENSG00000006059	0.00	0.00
ENSG00000006062	333.75	201.75
ENSG00000006071	0.00	0.00
ENSG00000006116	0.75	0.25
ENSG00000006118	592.25	365.00
ENSG00000006125	7030.25	6700.75
ENSG00000006128	0.25	1.00
ENSG00000006194	570.25	567.25

ENSG00000006210	11.25	20.50
ENSG00000006282	1533.25	1318.75
ENSG00000006283	90.25	40.00
ENSG00000006327	660.75	610.50
ENSG00000006377	0.00	0.25
ENSG00000006432	8.25	6.00
ENSG00000006451	1410.00	866.00
ENSG00000006453	248.25	187.00
ENSG00000006459	436.25	384.50
ENSG00000006468	211.25	214.00
ENSG00000006530	298.75	280.50
ENSG00000006534	1073.25	1346.25
ENSG00000006555	6.00	3.75
ENSG00000006576	1311.00	882.00
ENSG00000006606	5.25	3.75
ENSG00000006607	815.50	1102.50
ENSG00000006611	0.00	0.00
ENSG00000006625	198.75	175.25
ENSG00000006634	112.00	72.75
ENSG00000006638	79.50	49.50
ENSG00000006652	1185.25	1089.00
ENSG00000006659	1.75	1.25
ENSG00000006695	183.00	194.25
ENSG00000006704	315.75	274.75
ENSG00000006712	1302.75	999.25
ENSG00000006715	2495.25	2091.75
ENSG00000006740	46.00	43.25
ENSG00000006744	931.50	1013.00
ENSG00000006747	27.25	31.50
ENSG00000006756	585.25	523.25
ENSG00000006757	182.00	165.25
ENSG00000006788	2.75	19.75
ENSG00000006831	1075.00	1148.25
ENSG00000006837	84.50	65.50
ENSG00000007001	2.50	1.75
ENSG00000007038	0.75	1.00
ENSG00000007047	891.75	793.50
ENSG00000007062	3.25	2.00
ENSG00000007080	655.75	725.00
ENSG00000007129	0.00	0.00
ENSG00000007168	4213.00	3992.00
ENSG00000007171	1.75	1.25
ENSG00000007174	2.50	2.75

ENSG00000007202	6982.00	6563.50
ENSG00000007216	0.00	0.00
ENSG00000007237	549.25	290.75
ENSG00000007255	125.75	135.50
ENSG00000007264	3.00	3.00
ENSG00000007306	0.00	0.00
ENSG00000007312	1.75	2.00
ENSG00000007314	1.00	0.50
ENSG00000007341	278.50	309.50
ENSG00000007350	0.00	0.00
ENSG00000007372	38.75	43.75
ENSG00000007376	265.50	270.50
ENSG00000007384	1887.00	1853.00
ENSG00000007392	761.75	644.25
ENSG00000007402	18.75	26.25
ENSG00000007516	12.75	9.25
ENSG00000007520	604.50	599.00
ENSG00000007541	645.75	698.00
ENSG00000007545	632.50	638.25
ENSG00000007866	1410.50	1855.50
ENSG00000007908	0.00	0.00
ENSG00000007923	1066.75	964.75
ENSG00000007933	871.75	770.00
ENSG00000007944	437.50	286.75
ENSG00000007952	8.00	13.00
ENSG00000007968	4.00	4.00
ENSG00000008018	1596.75	1484.50
ENSG00000008056	14.75	20.75
ENSG00000008083	272.25	353.50
ENSG00000008086	426.50	354.00
ENSG00000008118	9.75	4.75
ENSG00000008128	563.00	549.75
ENSG00000008130	1319.25	2093.00
ENSG00000008196	1.75	0.50
ENSG00000008197	0.00	0.00
ENSG00000008226	8.75	7.50
ENSG00000008256	2458.00	5247.00
ENSG00000008277	20.25	17.50
ENSG00000008282	1898.25	2080.50
ENSG00000008283	557.00	529.50
ENSG00000008294	3317.25	2724.75
ENSG00000008300	86.25	109.00
ENSG00000008311	475.25	929.00

ENSG00000008323	10.25	13.00
ENSG00000008324	103.75	137.75
ENSG00000008382	163.50	169.25
ENSG00000008394	4053.00	3946.50
ENSG00000008405	292.75	284.75
ENSG00000008438	0.50	2.75
ENSG00000008441	12969.25	9544.25
ENSG00000008513	2022.50	1313.50
ENSG00000008516	27.00	24.00
ENSG00000008517	162.50	77.00
ENSG00000008710	4750.75	5727.00
ENSG00000008735	18.25	21.00
ENSG00000008838	1248.25	1145.00
ENSG00000008853	793.25	936.00
ENSG00000008869	739.50	720.25
ENSG00000008952	5380.50	5338.50
ENSG00000008988	11842.25	10446.00
ENSG00000009307	17268.25	15369.25
ENSG00000009335	2132.00	2218.00
ENSG00000009413	6053.50	10538.75
ENSG00000009694	6.25	13.25
ENSG00000009709	0.00	0.00
ENSG00000009724	48.00	31.75
ENSG00000009765	5.50	16.50
ENSG00000009780	160.50	192.00
ENSG00000009790	5.50	6.25
ENSG00000009830	441.50	438.50
ENSG00000009844	970.50	831.25
ENSG00000009950	5.75	7.75
ENSG00000009954	3183.25	2835.75
ENSG00000010017	1781.75	2606.00
ENSG00000010030	21.75	12.00
ENSG00000010072	199.00	158.25
ENSG00000010165	1015.25	838.25
ENSG00000010219	278.75	215.00
ENSG00000010244	2863.25	2784.75
ENSG00000010256	1628.25	2082.25
ENSG00000010270	834.50	754.50
ENSG00000010278	3249.75	4328.75
ENSG00000010282	0.00	0.00
ENSG00000010292	1319.50	1222.00
ENSG00000010295	1310.25	1109.50
ENSG00000010310	25.75	16.25

ENSG00000010318	74.50	73.25
ENSG00000010319	0.50	2.00
ENSG00000010322	3015.50	2323.75
ENSG00000010327	1.50	0.50
ENSG00000010361	249.50	246.50
ENSG00000010379	1.75	0.50
ENSG00000010404	2923.75	3068.75
ENSG00000010438	18.25	20.00
ENSG00000010539	152.50	144.00
ENSG00000010610	71.75	54.75
ENSG00000010626	174.75	129.25
ENSG00000010671	0.75	0.25
ENSG00000010704	543.00	412.75
ENSG00000010803	815.00	757.50
ENSG00000010810	1827.25	1689.75
ENSG00000010818	1820.00	1309.00
ENSG00000010932	25.50	29.50
ENSG00000011007	1371.75	1393.75
ENSG00000011009	486.75	483.50
ENSG00000011021	727.75	662.00
ENSG00000011028	19624.75	14996.75
ENSG00000011052	287.25	196.00
ENSG00000011083	0.50	0.25
ENSG00000011105	3505.50	3807.50
ENSG00000011114	635.25	630.00
ENSG00000011132	233.75	215.50
ENSG00000011143	188.25	138.50
ENSG00000011198	801.50	1517.50
ENSG00000011201	0.75	0.25
ENSG00000011243	885.75	709.00
ENSG00000011258	436.50	319.00
ENSG00000011260	405.75	423.25
ENSG00000011275	1849.25	1691.25
ENSG00000011295	430.75	423.25
ENSG00000011304	3398.25	4033.75
ENSG00000011332	14.75	22.25
ENSG00000011347	204.25	107.25
ENSG00000011376	455.00	418.00
ENSG00000011405	1492.00	1729.00
ENSG00000011422	403.75	389.50
ENSG00000011426	281.50	220.25
ENSG00000011451	1529.50	1495.25
ENSG00000011454	2157.25	2569.50

ENSG00000011465	331697.00	273445.50
ENSG00000011478	119.50	182.50
ENSG00000011485	901.00	1205.00
ENSG00000011523	858.00	874.25
ENSG00000011566	1116.25	1815.75
ENSG00000011590	4.00	2.75
ENSG00000011600	1.75	1.50
ENSG00000011638	864.00	865.50
ENSG00000011677	0.50	2.25
ENSG00000012048	378.50	129.25
ENSG00000012061	1245.25	1118.50
ENSG00000012124	3.75	1.25
ENSG00000012171	1683.50	919.25
ENSG00000012174	765.25	754.50
ENSG00000012211	125.25	134.75
ENSG00000012223	0.75	2.00
ENSG00000012232	1327.00	1325.50
ENSG00000012504	0.00	0.25
ENSG00000012660	2189.50	2657.25
ENSG00000012779	0.00	0.25
ENSG00000012817	778.75	643.50
ENSG00000012822	5672.75	6851.25
ENSG00000012963	366.75	319.75
ENSG00000012983	2301.00	1979.50
ENSG00000013016	1701.50	2308.25
ENSG00000013275	473.00	502.25
ENSG00000013288	3350.25	3259.25
ENSG00000013293	376.75	122.00
ENSG00000013297	5568.00	1514.75
ENSG00000013306	1060.50	990.25
ENSG00000013364	8592.50	8505.00
ENSG00000013374	1569.25	1496.00
ENSG00000013375	1648.25	1217.25
ENSG00000013392	269.25	205.75
ENSG00000013441	2537.50	2856.75
ENSG00000013503	333.00	281.25
ENSG00000013523	455.25	319.25
ENSG00000013561	918.50	1014.25
ENSG00000013563	596.75	545.00
ENSG00000013573	269.00	204.00
ENSG00000013583	1369.50	1611.50
ENSG00000013588	701.50	543.50
ENSG00000013619	1047.00	1231.50

ENSG00000013725	8.50	7.50
ENSG00000013810	91.25	99.00
ENSG00000014123	975.75	824.25
ENSG00000014138	204.25	142.00
ENSG00000014164	471.25	444.00
ENSG00000014216	3381.50	3822.50
ENSG00000014257	23.25	13.25
ENSG00000014641	1640.00	1418.75
ENSG00000014824	1330.25	1418.00
ENSG00000014914	666.25	469.75
ENSG00000014919	699.00	555.75
ENSG00000015133	2.75	4.75
ENSG00000015153	255.50	249.00
ENSG00000015171	2409.00	2108.75
ENSG00000015285	7.00	5.25
ENSG00000015413	0.50	3.00
ENSG00000015475	368.50	332.50
ENSG00000015479	6074.75	4394.50
ENSG00000015520	32.00	6.00
ENSG00000015532	713.25	679.75
ENSG00000015568	182.50	132.75
ENSG00000015592	0.50	2.25
ENSG00000015676	1735.00	1544.50
ENSG00000016082	0.25	0.00
ENSG00000016391	155.00	62.25
ENSG00000016402	15.25	5.50
ENSG00000016490	0.50	0.25
ENSG00000016602	0.25	0.00
ENSG00000016864	1654.00	1529.75
ENSG00000017260	3271.00	2569.25
ENSG00000017427	920.75	682.00
ENSG00000017483	611.00	320.50
ENSG00000017797	2937.75	3948.75
ENSG00000018189	1129.00	858.00
ENSG00000018236	60.25	43.25
ENSG00000018280	17.00	17.00
ENSG00000018408	2914.25	2931.00
ENSG00000018510	840.00	826.50
ENSG00000018607	0.25	0.00
ENSG00000018610	318.00	258.25
ENSG00000018625	1092.50	377.50
ENSG00000018699	281.75	267.75
ENSG00000018869	63.75	58.75

ENSG00000019102	5.75	9.25
ENSG00000019144	3287.25	3868.00
ENSG00000019169	0.00	0.50
ENSG00000019186	26.50	1.75
ENSG00000019485	280.00	358.75
ENSG00000019505	1.25	1.50
ENSG00000019549	3054.50	3075.75
ENSG00000019582	55.75	34.00
ENSG00000019991	1773.50	832.00
ENSG00000019995	1556.25	2798.50
ENSG00000020129	1324.00	913.75
ENSG00000020181	11392.75	8666.00
ENSG00000020219	0.50	0.00
ENSG00000020256	379.50	284.75
ENSG00000020426	253.25	240.75
ENSG00000020577	2014.00	4303.50
ENSG00000020633	86.25	103.00
ENSG00000020922	537.50	546.50
ENSG00000021300	20.00	13.00
ENSG00000021355	562.25	717.75
ENSG00000021461	3.25	3.00
ENSG00000021488	4.25	2.75
ENSG00000021574	533.00	497.50
ENSG00000021645	21.75	55.00
ENSG00000021762	1231.50	1626.75
ENSG00000021776	1362.25	1415.50
ENSG00000021826	379.50	281.25
ENSG00000021852	0.00	0.00
ENSG00000022267	9314.50	11955.25
ENSG00000022277	2153.50	2121.25
ENSG00000022355	0.00	0.00
ENSG00000022556	4.25	2.50
ENSG00000022567	158.75	161.50
ENSG00000022840	2759.00	2786.00
ENSG00000022976	194.25	167.00
ENSG00000023041	677.00	694.00
ENSG00000023171	129.25	78.50
ENSG00000023191	2482.00	2436.00
ENSG00000023228	1803.00	1853.25
ENSG00000023287	2860.50	2910.00
ENSG00000023318	1390.75	1504.50
ENSG00000023330	1139.75	885.75
ENSG00000023445	61.25	59.25

ENSG00000023516	2043.00	1841.25
ENSG00000023572	93.25	100.00
ENSG00000023608	335.00	485.00
ENSG00000023697	478.00	508.75
ENSG00000023734	1957.25	2165.25
ENSG00000023839	16.00	24.75
ENSG00000023892	6.25	5.50
ENSG00000023902	658.00	828.00
ENSG00000023909	1221.25	2747.00
ENSG00000024048	1364.50	1380.50
ENSG00000024422	11539.50	12507.50
ENSG00000024526	23.50	17.50
ENSG00000024862	229.00	224.00
ENSG00000025039	9.00	9.50
ENSG00000025156	293.25	230.75
ENSG00000025293	1615.25	1515.00
ENSG00000025423	295.00	54.25
ENSG00000025434	402.50	401.00
ENSG00000025708	114.00	297.00
ENSG00000025770	383.75	321.75
ENSG00000025772	982.00	640.75
ENSG00000025796	3879.00	3429.25
ENSG00000025800	2180.00	2201.00
ENSG00000026025	110608.00	74238.00
ENSG00000026036	250.25	151.25
ENSG00000026103	1210.00	1122.00
ENSG00000026297	266.75	189.75
ENSG00000026508	26231.50	20689.25
ENSG00000026559	32.25	21.25
ENSG00000026652	429.50	327.75
ENSG00000026751	0.75	2.00
ENSG00000026950	955.75	486.75
ENSG00000027001	699.75	496.00
ENSG00000027075	80.25	121.50
ENSG00000027644	1.00	0.25
ENSG00000027697	1331.25	1573.50
ENSG00000027847	472.25	433.75
ENSG00000027869	0.50	0.25
ENSG00000028116	278.25	276.50
ENSG00000028137	405.25	661.75
ENSG00000028203	1301.75	1141.25
ENSG00000028277	88.25	22.00
ENSG00000028310	619.50	584.25

ENSG00000028528	3785.25	3444.25
ENSG00000028839	540.00	447.75
ENSG00000029153	372.50	318.00
ENSG00000029363	3714.50	3101.25
ENSG00000029364	1564.25	1333.75
ENSG00000029534	105.50	87.50
ENSG00000029559	1.25	0.25
ENSG00000029639	119.00	115.50
ENSG00000029725	2063.25	1900.75
ENSG00000029993	740.75	517.75
ENSG00000030066	992.25	908.25
ENSG00000030110	184.75	190.75
ENSG00000030304	32.50	27.25
ENSG00000030419	213.75	270.25
ENSG00000030582	12420.25	10056.75
ENSG00000031003	1498.00	1383.50
ENSG00000031081	456.75	262.50
ENSG00000031691	86.50	86.50
ENSG00000031698	3590.75	2258.50
ENSG00000031823	2004.50	1269.00
ENSG00000032219	730.50	612.25
ENSG00000032389	226.25	212.75
ENSG00000032444	1522.00	1558.75
ENSG00000032742	304.50	171.25
ENSG00000033011	567.00	514.50
ENSG00000033030	414.50	390.25
ENSG00000033050	1224.75	1425.50
ENSG00000033100	2486.50	2449.50
ENSG00000033122	10.25	6.75
ENSG00000033170	1814.50	1315.00
ENSG00000033178	1161.25	841.50
ENSG00000033327	1205.50	1424.25
ENSG00000033627	871.25	1084.75
ENSG00000033800	1071.25	1025.00
ENSG00000033867	3367.75	1522.25
ENSG00000034053	33.25	36.25
ENSG00000034152	901.00	1435.50
ENSG00000034239	11.00	7.50
ENSG00000034510	14673.75	12363.75
ENSG00000034533	161.50	91.75
ENSG00000034677	865.75	849.00
ENSG00000034693	418.50	261.75
ENSG00000034713	1303.50	1519.75

ENSG00000034971	474.25	392.25
ENSG00000035115	591.50	375.50
ENSG00000035141	369.75	398.50
ENSG00000035403	12770.25	21024.00
ENSG00000035499	17.75	9.25
ENSG00000035664	395.00	1039.00
ENSG00000035681	1248.50	895.00
ENSG00000035687	1004.25	805.25
ENSG00000035720	0.00	0.00
ENSG00000035862	58821.00	58635.75
ENSG00000035928	1124.25	991.00
ENSG00000036054	1236.25	1327.00
ENSG00000036257	1889.75	1680.50
ENSG00000036448	4.75	5.50
ENSG00000036473	0.25	0.00
ENSG00000036530	49.00	39.75
ENSG00000036549	916.75	838.75
ENSG00000036565	3.00	4.25
ENSG00000036672	15.00	20.75
ENSG00000036828	0.00	0.00
ENSG00000037042	480.25	398.00
ENSG00000037241	286.75	332.00
ENSG00000037280	11.25	11.00
ENSG00000037474	803.25	805.75
ENSG00000037637	608.75	661.50
ENSG00000037749	460.25	492.25
ENSG00000037757	364.25	364.00
ENSG00000037897	109.25	70.25
ENSG00000037965	23.25	21.00
ENSG00000038002	712.75	524.25
ENSG00000038210	368.25	353.75
ENSG00000038219	2522.25	2400.75
ENSG00000038274	1492.75	1939.75
ENSG00000038295	13.25	7.00
ENSG00000038358	1090.25	1028.00
ENSG00000038382	6787.25	5733.75
ENSG00000038427	11054.25	8237.50
ENSG00000038532	776.25	558.25
ENSG00000038945	202.25	120.75
ENSG00000039068	10.00	6.75
ENSG00000039123	1544.75	1237.25
ENSG00000039139	247.00	231.75
ENSG00000039319	1249.25	1043.25

ENSG00000039523	1797.25	1838.75
ENSG00000039537	10.50	40.25
ENSG00000039560	4653.25	6243.25
ENSG00000039600	3.50	4.75
ENSG00000039650	373.50	314.00
ENSG00000039987	2.75	2.25
ENSG00000040199	319.75	369.25
ENSG00000040275	270.50	189.50
ENSG00000040341	814.75	673.75
ENSG00000040487	230.25	257.75
ENSG00000040531	563.50	544.75
ENSG00000040608	2.50	0.75
ENSG00000040633	941.50	742.75
ENSG00000040731	116.50	29.75
ENSG00000040933	765.50	700.75
ENSG00000041353	115.75	34.25
ENSG00000041357	1358.50	1174.25
ENSG00000041515	2.50	7.50
ENSG00000041802	586.25	592.00
ENSG00000041880	391.25	365.50
ENSG00000041982	4931.00	2529.00
ENSG00000041988	209.50	183.50
ENSG00000042062	1476.50	1599.00
ENSG00000042088	253.00	168.50
ENSG00000042286	489.00	735.50
ENSG00000042304	3.25	6.50
ENSG00000042317	242.50	180.25
ENSG00000042429	417.25	459.75
ENSG00000042445	1503.00	1350.25
ENSG00000042493	1048.00	958.75
ENSG00000042753	1165.25	1276.00
ENSG00000042781	4.75	3.25
ENSG00000042813	0.00	0.00
ENSG00000042832	37.25	39.50
ENSG00000042980	11.75	23.75
ENSG00000043039	1.25	1.50
ENSG00000043093	728.50	668.75
ENSG00000043143	1492.75	1683.50
ENSG00000043355	0.00	0.00
ENSG00000043462	0.00	0.00
ENSG00000043514	265.00	219.00
ENSG00000043591	1.00	2.00
ENSG00000044012	0.00	0.00

ENSG00000044090	1511.75	1024.75
ENSG00000044115	8465.00	8037.00
ENSG00000044446	419.75	465.50
ENSG00000044459	594.00	443.25
ENSG00000044524	51.25	46.00
ENSG00000044574	16004.75	17619.00
ENSG00000046604	41.25	22.00
ENSG00000046647	346.75	338.75
ENSG00000046651	585.00	559.50
ENSG00000046653	323.00	2126.50
ENSG00000046774	0.75	0.50
ENSG00000046889	61.50	25.25
ENSG00000047056	516.25	573.75
ENSG00000047188	715.00	739.50
ENSG00000047230	341.50	302.75
ENSG00000047249	890.00	834.00
ENSG00000047315	2555.50	2354.75
ENSG00000047346	806.25	685.25
ENSG00000047365	65.25	36.25
ENSG00000047410	5134.50	4503.75
ENSG00000047457	17.00	17.75
ENSG00000047578	926.25	801.25
ENSG00000047579	244.00	240.75
ENSG00000047597	0.75	1.50
ENSG00000047617	8.75	13.75
ENSG00000047621	514.50	323.00
ENSG00000047634	439.50	470.25
ENSG00000047644	1476.50	1762.75
ENSG00000047648	484.50	447.75
ENSG00000047662	6.25	7.75
ENSG00000047849	16617.50	16989.25
ENSG00000047932	1732.25	1386.75
ENSG00000047936	1.75	1.50
ENSG00000048028	537.50	592.75
ENSG00000048052	482.25	310.50
ENSG00000048140	895.00	987.25
ENSG00000048162	171.25	220.25
ENSG00000048342	992.25	739.00
ENSG00000048392	1547.50	1356.50
ENSG00000048405	343.00	401.50
ENSG00000048462	0.50	0.50
ENSG00000048471	1920.75	2364.25
ENSG00000048540	43.00	87.25

ENSG00000048544	782.75	688.75
ENSG00000048545	8.25	2.25
ENSG00000048649	1744.00	1611.25
ENSG00000048707	2546.00	4023.75
ENSG00000048740	4300.75	7068.00
ENSG00000048828	4403.00	4333.50
ENSG00000048991	631.00	461.00
ENSG00000049089	98.50	47.00
ENSG00000049130	3269.25	3000.50
ENSG00000049167	191.50	145.25
ENSG00000049192	188.75	144.75
ENSG00000049239	5652.00	6696.25
ENSG00000049245	3417.25	3434.25
ENSG00000049246	405.00	93.00
ENSG00000049247	1.25	0.25
ENSG00000049249	26.00	24.25
ENSG00000049283	16.75	7.50
ENSG00000049323	16639.50	24518.50
ENSG00000049449	6573.50	5924.25
ENSG00000049540	5546.00	9276.00
ENSG00000049541	166.25	118.75
ENSG00000049618	1949.75	1653.00
ENSG00000049656	1134.00	1325.00
ENSG00000049759	1990.50	902.50
ENSG00000049768	2.25	4.25
ENSG00000049769	104.50	78.75
ENSG00000049860	4768.25	4431.75
ENSG00000049883	402.75	319.25
ENSG00000050030	0.00	0.25
ENSG00000050130	1071.25	1002.75
ENSG00000050165	17283.25	18895.75
ENSG00000050327	370.75	320.50
ENSG00000050344	229.25	274.50
ENSG00000050393	549.25	596.00
ENSG00000050405	9929.50	8270.25
ENSG00000050426	1020.50	850.75
ENSG00000050438	124.25	106.75
ENSG00000050555	91.00	100.50
ENSG00000050628	386.25	303.25
ENSG00000050730	9.75	5.50
ENSG00000050748	992.25	829.50
ENSG00000050767	0.00	1.50
ENSG00000050820	1196.50	1280.00

ENSG00000051009	445.50	445.50
ENSG00000051108	1906.75	2791.25
ENSG00000051128	1108.50	881.50
ENSG00000051180	31.25	55.50
ENSG00000051341	31.25	18.75
ENSG00000051382	348.25	390.50
ENSG00000051523	642.75	759.75
ENSG00000051596	173.75	166.75
ENSG00000051620	1067.75	1364.75
ENSG00000051825	281.50	194.50
ENSG00000052126	1741.00	1285.25
ENSG00000052344	2.25	0.25
ENSG00000052723	685.00	792.50
ENSG00000052749	395.50	326.25
ENSG00000052795	581.00	612.25
ENSG00000052802	345.00	286.50
ENSG00000052841	2704.00	2101.25
ENSG00000052850	19.50	7.25
ENSG00000053108	4.00	3.25
ENSG00000053254	3584.25	4456.50
ENSG00000053328	14.00	5.75
ENSG00000053371	946.00	905.00
ENSG00000053372	352.00	370.25
ENSG00000053438	45.50	34.50
ENSG00000053501	332.50	274.75
ENSG00000053524	43.75	56.75
ENSG00000053702	45.50	29.50
ENSG00000053747	806.00	1724.50
ENSG00000053770	722.75	688.50
ENSG00000053900	573.00	534.75
ENSG00000053918	0.50	0.00
ENSG00000054116	751.50	734.75
ENSG00000054118	3102.50	2674.50
ENSG00000054148	986.25	800.50
ENSG00000054179	3.00	0.25
ENSG00000054219	32.75	67.25
ENSG00000054267	1274.75	1037.75
ENSG00000054277	321.25	470.50
ENSG00000054282	249.75	222.00
ENSG00000054356	26.75	11.75
ENSG00000054392	55.75	44.75
ENSG00000054523	1640.50	1656.75
ENSG00000054598	536.75	465.50

ENSG00000054611	647.50	596.25
ENSG00000054654	1806.25	1660.00
ENSG00000054690	25.25	13.50
ENSG00000054793	3191.50	3402.25
ENSG00000054796	0.25	0.00
ENSG00000054803	0.00	0.00
ENSG00000054938	136.50	55.50
ENSG00000054965	2176.50	1566.75
ENSG00000054967	17.25	21.50
ENSG00000054983	694.25	717.75
ENSG00000055044	519.50	544.75
ENSG00000055070	3674.75	4071.50
ENSG00000055118	21.50	9.00
ENSG00000055130	1268.00	1443.75
ENSG00000055147	553.25	528.00
ENSG00000055163	385.50	207.75
ENSG00000055208	1736.25	1684.00
ENSG00000055211	2295.25	2496.25
ENSG00000055332	2280.00	1812.50
ENSG00000055483	855.00	845.00
ENSG00000055609	2308.75	1931.25
ENSG00000055732	123.25	89.75
ENSG00000055813	97.00	34.00
ENSG00000055917	2324.75	2344.75
ENSG00000055950	754.00	646.25
ENSG00000055955	19.00	16.50
ENSG00000055957	0.00	3.25
ENSG00000056050	348.25	281.50
ENSG00000056097	3085.00	3155.50
ENSG00000056277	191.00	140.25
ENSG00000056291	0.50	0.00
ENSG00000056487	0.00	0.00
ENSG00000056558	208.25	223.75
ENSG00000056586	1354.75	1495.50
ENSG00000056736	107.00	52.00
ENSG00000056972	502.50	572.50
ENSG00000056998	257.25	308.75
ENSG00000057019	2905.00	2453.75
ENSG00000057149	0.00	0.00
ENSG00000057252	1032.00	1472.75
ENSG00000057294	12.75	20.00
ENSG00000057468	4.50	2.50
ENSG00000057593	6.50	5.50

ENSG00000057608	3588.25	3248.75
ENSG00000057657	160.50	261.75
ENSG00000057663	531.25	632.50
ENSG00000057704	20.25	27.00
ENSG00000057757	543.25	471.25
ENSG00000057935	999.00	733.25
ENSG00000058056	457.00	469.25
ENSG00000058063	1667.00	1837.25
ENSG00000058085	55.75	94.75
ENSG00000058091	1491.50	1278.00
ENSG00000058262	12534.75	9486.00
ENSG00000058272	1756.50	1930.75
ENSG00000058335	3.50	3.50
ENSG00000058404	4.25	1.50
ENSG00000058453	640.25	652.75
ENSG00000058600	520.25	508.75
ENSG00000058668	12119.50	10693.25
ENSG00000058673	4413.25	4034.25
ENSG00000058729	457.25	338.00
ENSG00000058799	423.50	522.50
ENSG00000058804	276.50	245.25
ENSG00000058866	6.75	2.50
ENSG00000059122	1334.00	1151.25
ENSG00000059145	573.50	644.25
ENSG00000059377	16.50	16.00
ENSG00000059378	260.75	236.75
ENSG00000059573	1739.75	1262.75
ENSG00000059588	414.25	309.75
ENSG00000059691	389.50	308.50
ENSG00000059728	208.25	179.00
ENSG00000059758	1034.25	697.50
ENSG00000059769	306.00	318.75
ENSG00000059804	1262.00	1240.50
ENSG00000059915	179.25	135.25
ENSG00000060069	465.25	509.75
ENSG00000060138	4401.25	5441.75
ENSG00000060140	2.50	2.50
ENSG00000060237	6097.00	5237.25
ENSG00000060303	0.00	0.00
ENSG00000060339	1724.50	1585.00
ENSG00000060491	971.75	966.00
ENSG00000060558	0.50	0.00
ENSG00000060566	0.25	0.00

ENSG00000060642	289.50	336.50
ENSG00000060656	420.50	422.00
ENSG00000060688	498.25	462.00
ENSG00000060709	0.50	0.25
ENSG00000060718	129.25	508.50
ENSG00000060749	1121.50	1045.00
ENSG00000060762	272.25	330.25
ENSG00000060971	790.50	725.50
ENSG00000060982	2791.50	2495.25
ENSG00000061273	2677.75	3708.25
ENSG00000061337	98.75	47.25
ENSG00000061455	1147.25	801.75
ENSG00000061492	0.00	0.00
ENSG00000061656	81.25	111.00
ENSG00000061676	5454.75	6203.00
ENSG00000061794	556.50	609.50
ENSG00000061918	1745.75	1483.00
ENSG00000061936	880.75	767.50
ENSG00000061938	592.50	463.00
ENSG00000061987	1536.25	1227.75
ENSG00000062038	8.25	5.25
ENSG00000062096	1.50	1.50
ENSG00000062194	1213.25	994.00
ENSG00000062282	35.00	25.50
ENSG00000062370	174.75	153.75
ENSG00000062485	2036.50	1760.50
ENSG00000062524	2.00	2.00
ENSG00000062582	691.50	602.25
ENSG00000062598	1217.50	1242.25
ENSG00000062650	1139.25	1183.50
ENSG00000062716	2824.00	3568.00
ENSG00000062725	1934.50	1720.50
ENSG00000062822	163.75	130.25
ENSG00000063015	2.50	2.25
ENSG00000063046	14520.25	12634.25
ENSG00000063127	33.50	22.50
ENSG00000063169	264.75	288.00
ENSG00000063176	314.50	292.75
ENSG00000063177	8800.75	7695.25
ENSG00000063180	149.25	89.75
ENSG00000063241	402.00	367.00
ENSG00000063244	2241.25	1908.25
ENSG00000063245	2392.25	2491.25

ENSG00000063322	1521.00	1274.75
ENSG00000063438	814.00	578.50
ENSG00000063515	0.00	0.00
ENSG00000063587	568.50	675.75
ENSG00000063601	781.75	701.25
ENSG00000063660	5604.50	3907.75
ENSG00000063761	120.75	99.25
ENSG00000063854	378.25	364.25
ENSG00000063978	1246.75	1138.25
ENSG00000064012	395.50	295.00
ENSG00000064042	429.50	449.25
ENSG00000064102	415.50	376.75
ENSG00000064115	1074.75	1875.50
ENSG00000064195	0.00	0.00
ENSG00000064199	204.75	198.00
ENSG00000064201	30.00	6.50
ENSG00000064205	2733.00	1321.00
ENSG00000064218	0.00	0.00
ENSG00000064225	46.00	31.50
ENSG00000064270	7.25	6.75
ENSG00000064300	1.50	2.50
ENSG00000064309	618.25	206.00
ENSG00000064313	829.00	794.25
ENSG00000064393	2242.50	3246.00
ENSG00000064419	1457.25	1272.50
ENSG00000064489	110.50	96.25
ENSG00000064490	384.75	366.00
ENSG00000064545	327.50	304.50
ENSG00000064547	43.50	38.25
ENSG00000064601	11122.00	8430.25
ENSG00000064607	1749.75	1482.50
ENSG00000064651	540.75	501.00
ENSG00000064652	265.50	295.25
ENSG00000064655	104.25	123.00
ENSG00000064666	7533.50	12102.50
ENSG00000064687	199.75	123.00
ENSG00000064692	94.75	25.75
ENSG00000064703	317.00	375.25
ENSG00000064726	2141.25	2155.25
ENSG00000064763	274.25	336.25
ENSG00000064787	11.75	4.00
ENSG00000064835	0.00	0.25
ENSG00000064886	1433.00	1310.00

ENSG00000064932	579.25	552.50
ENSG00000064933	406.50	547.25
ENSG00000064961	1155.25	1269.25
ENSG00000064989	44.25	41.25
ENSG00000064995	278.00	267.25
ENSG00000064999	709.50	717.25
ENSG00000065000	4389.25	3813.00
ENSG00000065029	487.00	426.75
ENSG00000065054	964.00	901.25
ENSG00000065057	128.50	115.75
ENSG00000065060	431.25	366.75
ENSG00000065135	1973.50	1932.50
ENSG00000065150	4815.75	3984.75
ENSG00000065154	3001.50	2842.50
ENSG00000065183	548.75	549.25
ENSG00000065243	1491.75	1391.75
ENSG00000065268	269.00	310.75
ENSG00000065308	9972.50	10580.50
ENSG00000065320	3726.50	4665.00
ENSG00000065325	4.75	7.25
ENSG00000065328	10.75	11.75
ENSG00000065357	1041.50	942.25
ENSG00000065361	28.25	24.50
ENSG00000065371	0.25	0.50
ENSG00000065413	307.50	172.00
ENSG00000065427	1992.50	1952.00
ENSG00000065457	285.00	232.00
ENSG00000065485	850.50	676.50
ENSG00000065491	388.00	272.50
ENSG00000065518	863.00	683.75
ENSG00000065526	1205.00	1766.25
ENSG00000065534	19881.75	20522.00
ENSG00000065548	1020.00	894.25
ENSG00000065559	633.50	634.00
ENSG00000065600	110.75	78.00
ENSG00000065609	0.75	0.25
ENSG00000065613	1881.00	1644.50
ENSG00000065615	372.75	412.50
ENSG00000065618	4.75	1.25
ENSG00000065621	99.00	87.50
ENSG00000065665	178.25	116.00
ENSG00000065675	0.50	1.25
ENSG00000065717	195.00	300.50

ENSG00000065802	1170.75	1359.00
ENSG00000065809	3443.50	1458.25
ENSG00000065833	902.50	521.00
ENSG00000065882	758.25	907.50
ENSG00000065883	1176.50	1266.50
ENSG00000065911	693.75	673.25
ENSG00000065923	1309.00	1006.25
ENSG00000065970	802.25	745.25
ENSG00000065978	11348.75	9865.00
ENSG00000065989	713.25	769.75
ENSG00000066027	720.50	769.25
ENSG00000066032	2.25	4.25
ENSG00000066044	1138.75	1090.50
ENSG00000066056	6.00	8.75
ENSG00000066084	1124.50	881.75
ENSG00000066117	856.25	853.50
ENSG00000066135	1238.00	913.00
ENSG00000066136	500.25	386.75
ENSG00000066185	22.25	12.00
ENSG00000066230	153.50	118.25
ENSG00000066248	3.00	2.50
ENSG00000066279	166.25	90.25
ENSG00000066294	8.50	5.50
ENSG00000066322	924.00	1185.75
ENSG00000066336	1.25	0.75
ENSG00000066379	20.50	16.25
ENSG00000066382	24.25	14.75
ENSG00000066405	30.50	23.00
ENSG00000066422	633.00	486.25
ENSG00000066427	742.00	619.50
ENSG00000066455	1472.25	1373.25
ENSG00000066468	52.50	11.50
ENSG00000066557	334.25	303.75
ENSG00000066583	314.75	280.75
ENSG00000066629	2947.50	3085.50
ENSG00000066651	247.75	206.75
ENSG00000066654	819.00	734.25
ENSG00000066697	1082.00	607.00
ENSG00000066735	4.00	2.25
ENSG00000066739	1630.75	1230.25
ENSG00000066777	1649.25	1647.50
ENSG00000066813	16.50	17.25
ENSG00000066827	256.75	215.25

ENSG00000066855	318.50	317.75
ENSG00000066923	205.00	191.25
ENSG00000066926	565.50	463.00
ENSG00000066933	1139.25	1194.75
ENSG00000067048	1043.00	1019.50
ENSG00000067057	2305.25	2452.75
ENSG00000067064	432.50	378.25
ENSG00000067066	2290.00	2042.75
ENSG00000067082	2327.25	4253.75
ENSG00000067113	2424.00	1151.75
ENSG00000067141	1286.50	933.00
ENSG00000067167	12205.75	17269.25
ENSG00000067177	379.25	617.00
ENSG00000067182	4177.50	3837.75
ENSG00000067191	158.25	171.75
ENSG00000067208	753.50	733.25
ENSG00000067221	416.75	311.25
ENSG00000067225	26249.75	19373.00
ENSG00000067248	1317.25	1177.75
ENSG00000067334	902.25	902.25
ENSG00000067365	377.25	364.75
ENSG00000067369	2805.25	1552.75
ENSG00000067445	910.75	470.75
ENSG00000067533	285.25	279.00
ENSG00000067560	9739.00	9712.00
ENSG00000067596	1132.50	1094.00
ENSG00000067601	14.50	12.50
ENSG00000067606	17.75	14.75
ENSG00000067646	286.50	380.00
ENSG00000067704	2873.75	2913.25
ENSG00000067715	14.00	18.75
ENSG00000067798	381.50	951.50
ENSG00000067829	867.50	752.50
ENSG00000067836	209.75	188.75
ENSG00000067840	17.25	14.75
ENSG00000067842	5.00	1.25
ENSG00000067900	2369.00	3059.25
ENSG00000067955	561.50	644.75
ENSG00000067992	59.00	70.25
ENSG00000068001	753.25	596.00
ENSG00000068024	596.50	580.50
ENSG00000068028	674.00	841.00
ENSG00000068078	8.00	14.25

ENSG00000068079	368.00	427.50
ENSG00000068097	421.00	388.00
ENSG00000068120	850.75	918.50
ENSG00000068137	414.00	398.00
ENSG00000068305	1546.50	2025.50
ENSG00000068308	1448.75	1478.50
ENSG00000068323	2401.75	2017.50
ENSG00000068354	325.50	272.50
ENSG00000068366	4613.75	3405.25
ENSG00000068383	860.00	1852.00
ENSG00000068394	352.00	324.50
ENSG00000068400	670.75	594.25
ENSG00000068438	419.75	401.25
ENSG00000068489	115.50	84.50
ENSG00000068615	0.25	0.25
ENSG00000068650	1068.50	1003.25
ENSG00000068654	1191.50	1244.25
ENSG00000068697	9795.75	7494.25
ENSG00000068724	1150.00	952.00
ENSG00000068745	953.25	675.25
ENSG00000068781	90.25	148.00
ENSG00000068784	356.50	222.25
ENSG00000068796	654.75	557.25
ENSG00000068831	46.00	139.50
ENSG00000068878	1502.00	1610.50
ENSG00000068885	1990.50	1260.50
ENSG00000068903	632.50	545.25
ENSG00000068912	1951.50	1959.75
ENSG00000068971	499.25	486.25
ENSG00000068976	36.00	21.25
ENSG00000068985	0.00	0.00
ENSG00000069011	112.25	77.00
ENSG00000069018	0.00	0.00
ENSG00000069020	1040.75	693.25
ENSG00000069122	5.75	11.75
ENSG00000069188	18.00	34.00
ENSG00000069206	0.00	0.00
ENSG00000069248	1110.00	1218.25
ENSG00000069275	6981.75	5260.00
ENSG00000069329	3480.00	2697.00
ENSG00000069345	1344.00	1267.00
ENSG00000069399	463.75	303.25
ENSG00000069424	187.75	216.50

ENSG00000069431	824.75	1449.25
ENSG00000069482	7.50	3.75
ENSG00000069493	126.00	135.00
ENSG00000069509	159.25	160.50
ENSG00000069535	255.25	524.50
ENSG00000069667	529.75	662.50
ENSG00000069696	3.75	2.50
ENSG00000069702	4146.75	3784.00
ENSG00000069712	177.25	177.25
ENSG00000069764	2.25	2.25
ENSG00000069812	8.50	7.25
ENSG00000069849	1831.00	1763.25
ENSG00000069869	1486.75	1445.00
ENSG00000069943	320.50	285.75
ENSG00000069956	1019.75	851.25
ENSG00000069966	844.75	734.75
ENSG00000069974	683.50	752.50
ENSG00000069998	363.50	592.75
ENSG00000070010	807.25	817.75
ENSG00000070018	1118.75	794.50
ENSG00000070019	3.75	2.75
ENSG00000070031	1.00	1.25
ENSG00000070047	303.00	481.50
ENSG00000070061	1101.75	880.75
ENSG00000070081	2070.25	1350.25
ENSG00000070087	2986.00	2126.50
ENSG00000070159	87.00	104.25
ENSG00000070182	3.00	6.50
ENSG00000070190	0.50	3.00
ENSG00000070193	203.00	78.00
ENSG00000070214	3540.00	3818.00
ENSG00000070269	552.25	420.50
ENSG00000070366	1781.00	1289.25
ENSG00000070367	1672.50	1522.00
ENSG00000070371	204.00	243.00
ENSG00000070388	3.50	17.50
ENSG00000070404	887.25	2605.50
ENSG00000070413	2506.50	2362.00
ENSG00000070423	299.25	356.50
ENSG00000070444	854.00	871.00
ENSG00000070476	352.50	401.50
ENSG00000070495	275.25	331.50
ENSG00000070501	139.25	101.50

ENSG00000070526	0.75	0.50
ENSG00000070540	3587.00	6111.50
ENSG00000070601	2.50	3.25
ENSG00000070610	769.25	875.00
ENSG00000070614	7882.25	8750.00
ENSG00000070669	610.25	267.00
ENSG00000070718	497.50	319.00
ENSG00000070729	3.50	1.50
ENSG00000070731	457.50	444.25
ENSG00000070748	0.00	0.00
ENSG00000070756	20813.75	18630.50
ENSG00000070759	122.00	83.00
ENSG00000070761	367.25	302.75
ENSG00000070770	1505.25	1270.75
ENSG00000070778	1607.75	1547.50
ENSG00000070785	315.25	265.50
ENSG00000070808	41.75	11.25
ENSG00000070814	856.75	691.00
ENSG00000070831	3727.50	3518.75
ENSG00000070882	1708.25	717.75
ENSG00000070886	0.00	0.00
ENSG00000070915	1.25	1.25
ENSG00000070950	203.50	191.00
ENSG00000070961	1462.75	1981.00
ENSG00000070985	0.25	0.25
ENSG00000071051	568.25	564.50
ENSG00000071054	13802.25	11537.50
ENSG00000071073	14.75	7.00
ENSG00000071082	11587.50	10711.25
ENSG00000071127	8003.50	12750.25
ENSG00000071189	1410.25	1123.00
ENSG00000071203	0.00	0.00
ENSG00000071205	797.00	991.00
ENSG00000071242	8504.25	15047.50
ENSG00000071243	155.25	142.00
ENSG00000071246	389.50	324.25
ENSG00000071282	2178.25	5858.25
ENSG00000071462	814.25	695.75
ENSG00000071537	5622.00	5952.50
ENSG00000071539	64.25	49.00
ENSG00000071553	1767.50	1607.25
ENSG00000071564	1540.00	1045.00
ENSG00000071575	446.50	337.50

ENSG00000071626	1011.25	1115.50
ENSG00000071655	1486.50	1276.25
ENSG00000071677	0.00	0.00
ENSG00000071794	1021.75	741.25
ENSG00000071859	1387.50	1509.25
ENSG00000071889	724.25	773.00
ENSG00000071894	1688.50	1678.75
ENSG00000071909	24.75	19.25
ENSG00000071967	30753.00	32835.25
ENSG00000071991	2.25	1.50
ENSG00000071994	666.00	667.25
ENSG00000072041	59.75	57.75
ENSG00000072042	931.75	905.50
ENSG00000072062	1795.00	1512.75
ENSG00000072071	502.00	359.75
ENSG00000072080	12.25	8.50
ENSG00000072110	11617.25	15404.00
ENSG00000072121	1338.50	850.00
ENSG00000072133	327.50	226.25
ENSG00000072134	1083.75	1299.00
ENSG00000072135	371.50	452.25
ENSG00000072163	422.00	927.25
ENSG00000072182	2.00	0.25
ENSG00000072195	1442.50	1042.00
ENSG00000072201	228.50	263.00
ENSG00000072210	1395.50	586.00
ENSG00000072274	4318.00	4899.25
ENSG00000072310	2174.00	1103.00
ENSG00000072315	4.75	1.50
ENSG00000072364	3816.75	3459.00
ENSG00000072401	579.50	585.00
ENSG00000072415	945.50	740.00
ENSG00000072422	785.50	807.00
ENSG00000072501	1434.25	1159.00
ENSG00000072506	473.25	519.75
ENSG00000072518	449.75	394.50
ENSG00000072571	24.75	53.25
ENSG00000072609	562.25	499.25
ENSG00000072657	1631.00	1438.75
ENSG00000072682	4744.50	3496.00
ENSG00000072694	2.25	0.50
ENSG00000072736	592.50	578.25
ENSG00000072756	326.75	313.00

ENSG00000072778	3532.75	3353.75
ENSG00000072786	714.75	790.75
ENSG00000072803	1813.50	1555.75
ENSG00000072818	65.25	58.25
ENSG00000072832	610.25	488.00
ENSG00000072840	3312.50	2751.75
ENSG00000072849	704.75	651.50
ENSG00000072858	7.50	6.75
ENSG00000072864	162.75	183.25
ENSG00000072952	5114.75	6456.25
ENSG00000072954	79.50	65.25
ENSG00000072958	1530.50	3007.00
ENSG00000073008	2040.50	1407.00
ENSG00000073050	499.75	398.25
ENSG00000073060	397.50	272.00
ENSG00000073067	1.50	1.50
ENSG00000073111	218.00	124.00
ENSG00000073146	122.00	57.75
ENSG00000073150	79.00	57.00
ENSG00000073169	421.25	548.50
ENSG00000073282	2.50	1.50
ENSG00000073331	715.75	473.75
ENSG00000073350	4.50	3.50
ENSG00000073417	716.50	653.75
ENSG00000073464	542.75	622.00
ENSG00000073536	414.50	306.75
ENSG00000073578	2338.00	2150.75
ENSG00000073584	3532.00	2653.00
ENSG00000073598	2.25	1.75
ENSG00000073605	221.50	167.00
ENSG00000073614	1761.25	1587.25
ENSG00000073670	43.25	30.00
ENSG00000073711	904.50	674.25
ENSG00000073712	3284.75	4671.00
ENSG00000073734	0.00	0.00
ENSG00000073737	0.00	1.00
ENSG00000073754	0.25	0.75
ENSG00000073756	111.00	41.00
ENSG00000073792	1899.25	3252.25
ENSG00000073803	293.25	282.25
ENSG00000073849	31.25	25.25
ENSG00000073861	0.00	0.00
ENSG00000073905	0.00	0.25

ENSG00000073910	1245.75	1788.75
ENSG00000073921	3891.00	4119.00
ENSG00000073969	530.00	461.50
ENSG00000074047	458.25	313.75
ENSG00000074054	1672.25	1688.50
ENSG00000074071	573.00	551.75
ENSG00000074181	743.25	1152.75
ENSG00000074201	1260.75	978.50
ENSG00000074211	8.50	19.50
ENSG00000074219	778.75	418.75
ENSG00000074266	250.50	220.25
ENSG00000074276	7.75	3.50
ENSG00000074317	0.25	1.75
ENSG00000074319	1060.25	1186.00
ENSG00000074356	1125.25	1024.00
ENSG00000074370	73.25	66.25
ENSG00000074410	4070.25	2287.25
ENSG00000074416	3932.75	5155.75
ENSG00000074527	3030.25	5054.50
ENSG00000074582	347.25	327.00
ENSG00000074590	273.75	581.25
ENSG00000074603	1367.00	1340.00
ENSG00000074621	507.00	495.25
ENSG00000074657	3294.25	2859.75
ENSG00000074660	10.50	21.50
ENSG00000074695	4382.25	3402.75
ENSG00000074696	2349.25	1919.75
ENSG00000074706	33.75	29.50
ENSG00000074755	1952.25	1917.00
ENSG00000074771	0.00	0.00
ENSG00000074800	13533.75	16449.00
ENSG00000074803	19.50	9.25
ENSG00000074842	1519.50	1599.00
ENSG00000074855	193.75	134.50
ENSG00000074935	360.75	207.75
ENSG00000074964	779.25	759.50
ENSG00000074966	4.75	3.00
ENSG00000075035	0.50	0.50
ENSG00000075043	0.00	0.00
ENSG00000075073	9.25	5.50
ENSG00000075089	303.50	258.50
ENSG00000075131	107.75	61.75
ENSG00000075142	1355.50	1622.25

ENSG00000075151	3906.25	3230.25
ENSG00000075188	511.50	393.25
ENSG00000075213	1105.75	437.50
ENSG00000075218	16.75	18.00
ENSG00000075223	3681.50	2727.75
ENSG00000075234	484.50	567.25
ENSG00000075239	1158.00	1152.50
ENSG00000075240	799.50	372.50
ENSG00000075275	13.75	5.25
ENSG00000075290	2.00	0.25
ENSG00000075292	2069.50	1938.25
ENSG00000075303	275.00	203.50
ENSG00000075336	324.25	264.00
ENSG00000075340	8.00	1.25
ENSG00000075388	0.00	0.00
ENSG00000075391	882.00	1078.25
ENSG00000075399	660.75	643.00
ENSG00000075407	1050.50	934.00
ENSG00000075413	1314.25	1142.25
ENSG00000075415	6573.75	7015.75
ENSG00000075420	4951.25	7220.75
ENSG00000075426	3075.50	3413.00
ENSG00000075429	0.00	0.25
ENSG00000075461	0.00	0.00
ENSG00000075539	1055.75	1292.50
ENSG00000075568	2157.00	1734.75
ENSG00000075618	3220.75	2336.25
ENSG00000075624	64531.00	114832.00
ENSG00000075643	237.75	217.50
ENSG00000075651	1025.75	651.00
ENSG00000075673	0.25	0.00
ENSG00000075702	27.25	21.75
ENSG00000075711	1358.50	1278.25
ENSG00000075785	9073.25	8115.25
ENSG00000075790	966.75	1048.00
ENSG00000075826	378.50	353.00
ENSG00000075856	1003.50	885.75
ENSG00000075884	8.75	8.00
ENSG00000075886	6.75	4.00
ENSG00000075891	0.00	0.00
ENSG00000075914	440.25	439.50
ENSG00000075945	1047.00	763.50
ENSG00000075975	844.25	1083.25

ENSG00000076003	572.50	486.75
ENSG00000076043	1954.00	1779.75
ENSG00000076053	633.75	538.50
ENSG00000076067	1890.75	1597.50
ENSG00000076108	2172.75	2070.25
ENSG00000076201	1438.00	1326.75
ENSG00000076242	660.00	464.00
ENSG00000076248	368.75	283.00
ENSG00000076258	130.00	104.00
ENSG00000076321	917.25	725.00
ENSG00000076344	276.50	304.50
ENSG00000076351	157.25	172.00
ENSG00000076356	320.50	181.00
ENSG00000076382	72.75	67.75
ENSG00000076513	5641.50	8104.00
ENSG00000076554	2.25	3.50
ENSG00000076555	405.50	384.00
ENSG00000076604	408.75	235.00
ENSG00000076641	343.25	304.25
ENSG00000076650	193.50	135.25
ENSG00000076662	128.00	164.00
ENSG00000076685	1860.25	2375.50
ENSG00000076706	52.25	134.75
ENSG00000076716	330.25	597.25
ENSG00000076770	165.75	104.75
ENSG00000076826	0.00	0.25
ENSG00000076864	9.75	9.50
ENSG00000076924	805.25	734.50
ENSG00000076928	1181.75	1299.75
ENSG00000076944	73.50	64.50
ENSG00000076984	807.50	773.25
ENSG00000077009	0.25	0.00
ENSG00000077044	122.50	121.50
ENSG00000077063	500.00	213.25
ENSG00000077080	0.00	0.00
ENSG00000077092	342.75	214.25
ENSG00000077097	3681.00	3139.50
ENSG00000077147	5160.75	5255.75
ENSG00000077150	572.75	613.75
ENSG00000077152	55.25	40.00
ENSG00000077157	1481.25	2179.50
ENSG00000077232	3908.00	3514.50
ENSG00000077235	2863.25	2083.50

ENSG00000077238	464.00	557.75
ENSG00000077254	2159.25	3379.75
ENSG00000077264	127.25	48.00
ENSG00000077274	1.75	1.25
ENSG00000077279	2.75	1.75
ENSG00000077312	507.00	350.50
ENSG00000077327	0.00	0.25
ENSG00000077348	65.75	70.25
ENSG00000077380	3335.00	2861.50
ENSG00000077420	485.00	380.50
ENSG00000077454	657.00	561.50
ENSG00000077458	370.75	346.50
ENSG00000077463	215.00	201.50
ENSG00000077498	1.25	0.25
ENSG00000077514	452.75	359.00
ENSG00000077522	4.25	17.00
ENSG00000077549	4858.00	5404.75
ENSG00000077585	617.00	757.75
ENSG00000077616	52.50	20.25
ENSG00000077684	1148.75	2354.75
ENSG00000077713	528.25	673.75
ENSG00000077721	1560.75	1515.75
ENSG00000077782	16950.00	16124.00
ENSG00000077800	4.75	5.00
ENSG00000077935	4.00	2.25
ENSG00000077942	175177.75	158137.25
ENSG00000077943	322.75	607.75
ENSG00000077984	0.25	0.00
ENSG00000078018	1360.25	1963.00
ENSG00000078043	703.75	602.50
ENSG00000078053	248.00	490.25
ENSG00000078061	923.00	916.50
ENSG00000078070	496.00	630.25
ENSG00000078081	17.75	11.25
ENSG00000078098	3382.75	3294.50
ENSG00000078114	16.00	11.50
ENSG00000078124	252.50	419.75
ENSG00000078140	1024.25	1021.75
ENSG00000078142	1051.25	1252.75
ENSG00000078177	414.75	515.00
ENSG00000078237	408.75	344.75
ENSG00000078246	1414.00	1281.25
ENSG00000078269	1403.00	907.75

ENSG00000078295	36.75	43.75
ENSG00000078304	2511.25	2205.75
ENSG00000078319	56.75	55.25
ENSG00000078328	0.00	0.00
ENSG00000078369	7482.75	7437.50
ENSG00000078399	0.00	0.00
ENSG00000078401	18.00	18.75
ENSG00000078403	718.75	634.00
ENSG00000078487	188.75	170.00
ENSG00000078549	2.25	0.50
ENSG00000078579	1.00	1.25
ENSG00000078589	0.00	0.00
ENSG00000078596	5.00	6.50
ENSG00000078618	3502.25	3513.50
ENSG00000078668	1223.75	1121.25
ENSG00000078674	3507.75	2481.00
ENSG00000078687	543.75	383.00
ENSG00000078699	657.25	402.75
ENSG00000078725	43.50	21.50
ENSG00000078747	1555.25	1590.25
ENSG00000078795	5.00	8.25
ENSG00000078804	716.50	946.25
ENSG00000078808	5023.00	4982.50
ENSG00000078814	35.00	41.75
ENSG00000078898	0.00	0.00
ENSG00000078900	13.00	11.50
ENSG00000078902	1194.00	1109.75
ENSG00000078967	377.00	268.50
ENSG00000079101	24.75	8.50
ENSG00000079102	1149.00	846.25
ENSG00000079112	12.00	6.00
ENSG00000079134	423.50	300.25
ENSG00000079150	806.50	569.50
ENSG00000079156	36.50	21.00
ENSG00000079215	77.50	60.50
ENSG00000079246	5157.75	5266.00
ENSG00000079257	2477.00	1040.75
ENSG00000079263	7.75	5.25
ENSG00000079277	593.50	545.00
ENSG00000079308	8891.75	6901.75
ENSG00000079313	384.00	442.25
ENSG00000079332	3279.25	3822.50
ENSG00000079335	80.50	55.25

ENSG00000079337	128.75	81.25
ENSG00000079385	8.00	5.00
ENSG00000079387	447.00	417.50
ENSG00000079393	0.25	0.50
ENSG00000079432	2585.25	1725.50
ENSG00000079435	37.75	48.75
ENSG00000079459	1029.50	934.50
ENSG00000079462	122.75	51.25
ENSG00000079482	366.75	325.00
ENSG00000079557	0.00	0.00
ENSG00000079616	200.50	174.75
ENSG00000079689	0.00	0.00
ENSG00000079691	1000.50	2040.25
ENSG00000079739	1455.50	1545.00
ENSG00000079785	1935.25	1839.50
ENSG00000079805	2432.25	2353.00
ENSG00000079819	9034.00	6413.75
ENSG00000079841	33.25	51.50
ENSG00000079931	6763.00	4999.75
ENSG00000079950	1335.75	1491.25
ENSG00000079974	544.75	498.25
ENSG00000079999	1652.00	1554.00
ENSG00000080007	35.00	15.50
ENSG00000080031	41.75	18.25
ENSG00000080166	7.00	4.75
ENSG00000080189	790.00	761.50
ENSG00000080200	2213.50	1295.75
ENSG00000080224	0.00	1.00
ENSG00000080293	0.25	0.50
ENSG00000080298	151.50	118.50
ENSG00000080345	1337.75	1346.00
ENSG00000080371	1136.75	1167.00
ENSG00000080493	411.00	225.00
ENSG00000080503	3746.25	3366.25
ENSG00000080511	1.50	0.50
ENSG00000080546	870.00	641.50
ENSG00000080561	163.75	156.50
ENSG00000080572	1.25	0.50
ENSG00000080573	247.00	423.25
ENSG00000080603	2632.00	2329.00
ENSG00000080608	469.50	478.25
ENSG00000080618	0.50	0.00
ENSG00000080644	0.50	0.25

ENSG00000080709	7.00	7.75
ENSG00000080802	632.25	538.00
ENSG00000080815	1598.00	2021.25
ENSG00000080819	538.75	519.00
ENSG00000080822	926.25	1157.25
ENSG00000080823	168.50	102.25
ENSG00000080824	18538.00	13048.25
ENSG00000080839	156.00	141.00
ENSG00000080845	2539.50	1984.50
ENSG00000080854	0.75	0.25
ENSG00000080910	0.00	0.00
ENSG00000080947	189.75	111.75
ENSG00000080986	43.75	48.50
ENSG00000081014	552.75	490.75
ENSG00000081019	379.50	356.75
ENSG00000081026	359.25	270.00
ENSG00000081041	3.25	1.50
ENSG00000081051	5.75	3.25
ENSG00000081052	90.00	298.75
ENSG00000081059	71.50	53.00
ENSG00000081087	1072.00	1295.75
ENSG00000081138	5.75	4.50
ENSG00000081148	11.50	7.50
ENSG00000081154	3086.75	2595.75
ENSG00000081177	459.50	456.00
ENSG00000081181	14.50	18.25
ENSG00000081189	170.25	110.50
ENSG00000081237	10.25	9.25
ENSG00000081248	0.00	0.25
ENSG00000081277	0.25	0.50
ENSG00000081307	1011.50	764.00
ENSG00000081320	1054.00	1919.00
ENSG00000081377	1811.75	2840.75
ENSG00000081386	345.00	263.75
ENSG00000081479	8.25	3.00
ENSG00000081665	214.50	134.75
ENSG00000081692	327.50	230.75
ENSG00000081721	260.00	197.50
ENSG00000081760	427.50	361.25
ENSG00000081791	1144.00	979.50
ENSG00000081800	0.25	0.25
ENSG00000081803	656.00	1493.25
ENSG00000081818	18.75	17.50

ENSG00000081842	6.25	7.75
ENSG00000081853	406.00	360.50
ENSG00000081870	230.00	261.25
ENSG00000081913	264.75	225.25
ENSG00000081923	1556.00	1592.00
ENSG00000081985	2.00	4.25
ENSG00000082014	873.25	851.25
ENSG00000082068	632.75	614.75
ENSG00000082074	7.00	5.25
ENSG00000082126	15.75	31.00
ENSG00000082146	833.50	1429.25
ENSG00000082153	5678.00	6297.75
ENSG00000082175	8.50	10.50
ENSG00000082196	28.00	18.00
ENSG00000082212	546.00	460.50
ENSG00000082213	452.00	423.00
ENSG00000082258	714.75	690.25
ENSG00000082269	266.75	179.50
ENSG00000082293	6.50	5.75
ENSG00000082397	578.25	447.00
ENSG00000082438	956.75	731.75
ENSG00000082458	546.25	290.25
ENSG00000082482	58.25	37.25
ENSG00000082497	7.50	6.00
ENSG00000082512	433.50	490.75
ENSG00000082515	244.25	224.50
ENSG00000082516	456.75	476.75
ENSG00000082556	1.00	0.50
ENSG00000082641	11807.75	12217.00
ENSG00000082684	0.50	0.25
ENSG00000082701	1626.50	1421.00
ENSG00000082781	7664.25	7277.50
ENSG00000082805	1082.75	1060.25
ENSG00000082898	3099.25	2429.75
ENSG00000082996	1035.75	1127.00
ENSG00000083067	20.75	12.75
ENSG00000083093	242.75	195.00
ENSG00000083097	668.25	417.00
ENSG00000083099	662.75	499.25
ENSG00000083123	308.50	378.00
ENSG00000083168	1565.25	1124.75
ENSG00000083223	1003.25	2010.50
ENSG00000083290	999.75	2070.25

ENSG00000083307	1.00	0.25
ENSG00000083312	5132.25	4801.50
ENSG00000083444	6993.75	6087.50
ENSG00000083454	10.00	15.50
ENSG00000083457	241.75	275.75
ENSG00000083520	1076.50	1230.75
ENSG00000083535	344.50	343.75
ENSG00000083544	307.50	236.50
ENSG00000083635	139.75	117.50
ENSG00000083642	1011.50	806.75
ENSG00000083720	778.25	1104.25
ENSG00000083750	499.50	469.25
ENSG00000083782	1.50	0.25
ENSG00000083799	1324.50	1009.25
ENSG00000083807	100.25	102.50
ENSG00000083812	249.00	195.50
ENSG00000083814	178.75	147.50
ENSG00000083817	121.00	83.50
ENSG00000083828	63.00	48.00
ENSG00000083838	227.25	192.25
ENSG00000083844	379.50	414.25
ENSG00000083845	8997.50	8043.50
ENSG00000083857	9343.00	8024.00
ENSG00000083896	650.25	561.50
ENSG00000083937	848.75	811.75
ENSG00000084070	540.50	456.00
ENSG00000084072	577.25	514.50
ENSG00000084073	1877.50	1888.00
ENSG00000084090	2387.00	4900.50
ENSG00000084092	621.75	512.50
ENSG00000084093	959.25	930.25
ENSG00000084110	5.50	2.00
ENSG00000084112	2770.00	2935.75
ENSG00000084207	3805.50	3330.75
ENSG00000084234	27189.75	26076.50
ENSG00000084444	230.75	300.75
ENSG00000084453	5.50	4.00
ENSG00000084463	1286.25	1239.50
ENSG00000084623	2822.25	2515.00
ENSG00000084628	3.75	3.50
ENSG00000084636	3935.25	2562.00
ENSG00000084652	3550.00	4415.75
ENSG00000084674	127.25	275.75

ENSG00000084676	1283.00	1131.00
ENSG00000084693	700.00	581.75
ENSG00000084710	43.50	9.00
ENSG00000084731	714.25	632.75
ENSG00000084733	2863.25	2359.75
ENSG00000084734	5.50	5.00
ENSG00000084754	4624.50	4893.25
ENSG00000084764	419.00	225.50
ENSG00000084774	1078.50	1139.50
ENSG00000085063	11377.75	11132.00
ENSG00000085117	1467.00	3233.00
ENSG00000085185	466.50	427.50
ENSG00000085224	3863.25	2714.75
ENSG00000085231	91.00	81.25
ENSG00000085265	14.25	26.75
ENSG00000085274	447.75	357.50
ENSG00000085276	1525.50	1256.75
ENSG00000085365	1187.00	1024.50
ENSG00000085377	558.25	736.75
ENSG00000085382	371.00	293.00
ENSG00000085415	316.50	487.75
ENSG00000085433	577.50	555.00
ENSG00000085449	1886.25	1783.25
ENSG00000085465	38.50	59.25
ENSG00000085491	899.75	965.00
ENSG00000085511	978.00	639.25
ENSG00000085514	31.25	30.75
ENSG00000085552	5.50	0.50
ENSG00000085563	137.25	72.00
ENSG00000085644	376.00	289.50
ENSG00000085662	3168.00	2149.75
ENSG00000085719	2493.75	3135.25
ENSG00000085721	368.00	390.25
ENSG00000085733	9952.00	9583.00
ENSG00000085741	7.75	4.75
ENSG00000085760	535.00	518.00
ENSG00000085788	1103.50	1213.00
ENSG00000085831	10.50	12.00
ENSG00000085832	2140.75	2001.50
ENSG00000085840	10.75	8.75
ENSG00000085871	141.00	125.00
ENSG00000085872	838.75	750.50
ENSG00000085978	272.75	319.25

ENSG00000085982	1263.50	968.50
ENSG00000085998	1125.25	1128.75
ENSG00000085999	12.50	5.00
ENSG00000086015	2150.00	1538.75
ENSG00000086061	4288.00	3156.75
ENSG00000086062	4200.50	2536.75
ENSG00000086065	1440.50	1327.75
ENSG00000086102	1348.50	984.75
ENSG00000086159	1.75	3.25
ENSG00000086189	465.50	540.50
ENSG00000086200	604.00	495.50
ENSG00000086205	4.00	2.50
ENSG00000086232	2178.25	2210.50
ENSG00000086288	0.00	0.00
ENSG00000086289	1172.25	1085.25
ENSG00000086300	3.00	2.25
ENSG00000086475	900.50	760.75
ENSG00000086504	661.75	553.00
ENSG00000086506	1.00	0.25
ENSG00000086544	831.00	1073.25
ENSG00000086548	0.00	0.25
ENSG00000086570	17.50	14.50
ENSG00000086589	561.50	482.75
ENSG00000086598	5540.25	5302.00
ENSG00000086619	129.00	140.25
ENSG00000086666	1141.25	984.25
ENSG00000086696	62.00	51.25
ENSG00000086712	599.00	547.50
ENSG00000086717	1.00	4.50
ENSG00000086730	39.25	35.00
ENSG00000086758	9022.25	8167.50
ENSG00000086827	350.50	304.25
ENSG00000086848	563.50	706.75
ENSG00000086967	4.25	0.50
ENSG00000086991	42.75	43.25
ENSG00000087008	389.50	320.25
ENSG00000087053	764.50	740.25
ENSG00000087074	1652.00	1511.25
ENSG00000087076	322.75	194.25
ENSG00000087077	2017.25	1505.75
ENSG00000087085	6.75	5.50
ENSG00000087086	246681.00	146158.25
ENSG00000087087	1699.50	1652.50

ENSG00000087088	1598.75	1394.00
ENSG00000087095	218.75	205.00
ENSG00000087111	1139.25	1153.50
ENSG00000087116	3716.75	5437.50
ENSG00000087128	0.00	0.25
ENSG00000087152	1084.75	1175.50
ENSG00000087157	734.50	741.50
ENSG00000087191	1465.00	1827.25
ENSG00000087206	495.75	403.00
ENSG00000087237	6.25	3.25
ENSG00000087245	150634.50	123061.50
ENSG00000087250	1.25	1.50
ENSG00000087253	982.00	747.25
ENSG00000087258	8.25	3.50
ENSG00000087263	715.50	721.50
ENSG00000087266	610.00	297.25
ENSG00000087269	840.50	901.50
ENSG00000087274	7533.50	7715.50
ENSG00000087299	146.75	114.25
ENSG00000087301	258.00	296.25
ENSG00000087302	2039.25	1887.25
ENSG00000087303	6736.75	8742.00
ENSG00000087338	285.75	369.25
ENSG00000087365	4525.25	4388.25
ENSG00000087448	727.25	1360.25
ENSG00000087460	16997.50	14624.25
ENSG00000087470	1130.75	1218.00
ENSG00000087494	49.75	73.00
ENSG00000087495	4.00	4.50
ENSG00000087502	1233.25	1115.50
ENSG00000087510	6.75	11.00
ENSG00000087586	201.50	171.00
ENSG00000087589	377.75	489.25
ENSG00000087842	269.75	158.00
ENSG00000087884	278.50	322.75
ENSG00000087903	300.50	193.75
ENSG00000087995	269.50	250.00
ENSG00000088002	7.75	3.25
ENSG00000088035	189.00	161.75
ENSG00000088038	776.75	865.00
ENSG00000088053	0.25	0.50
ENSG00000088179	388.50	237.00
ENSG00000088205	1102.75	1041.75

ENSG00000088247	2847.25	2598.50
ENSG00000088256	1807.00	1942.50
ENSG00000088280	977.00	819.50
ENSG00000088298	685.00	618.50
ENSG00000088305	69.25	42.25
ENSG00000088320	1.00	4.75
ENSG00000088325	354.25	180.00
ENSG00000088340	137.25	157.00
ENSG00000088356	230.75	223.75
ENSG00000088367	1583.00	1283.50
ENSG00000088386	5.25	5.50
ENSG00000088387	413.50	481.25
ENSG00000088448	1727.00	1137.25
ENSG00000088451	115.50	122.50
ENSG00000088538	40.50	24.75
ENSG00000088543	540.25	503.00
ENSG00000088682	581.50	474.25
ENSG00000088726	3.75	1.75
ENSG00000088727	64.50	71.25
ENSG00000088756	1169.75	368.75
ENSG00000088766	334.75	471.75
ENSG00000088782	0.00	0.00
ENSG00000088808	171.00	120.25
ENSG00000088812	3183.50	3043.50
ENSG00000088826	353.00	183.25
ENSG00000088827	2.75	2.50
ENSG00000088832	4218.00	4256.50
ENSG00000088833	1161.00	895.75
ENSG00000088836	64.25	72.25
ENSG00000088854	1485.75	1727.50
ENSG00000088876	329.25	390.25
ENSG00000088881	88.25	75.50
ENSG00000088882	80.00	44.25
ENSG00000088888	2477.00	3467.75
ENSG00000088899	250.25	225.75
ENSG00000088926	0.00	0.00
ENSG00000088930	2992.00	2612.25
ENSG00000088970	735.75	593.75
ENSG00000088986	2409.00	2231.50
ENSG00000088992	1.75	1.75
ENSG00000089006	2199.75	2578.00
ENSG00000089009	17167.75	14909.50
ENSG00000089012	0.00	0.00

ENSG00000089022	515.00	523.25
ENSG00000089041	247.50	74.50
ENSG00000089048	413.50	436.00
ENSG00000089050	431.25	282.50
ENSG00000089053	2347.00	2145.75
ENSG00000089057	1027.50	751.75
ENSG00000089060	818.25	1036.50
ENSG00000089063	2675.50	2440.75
ENSG00000089091	47.50	37.25
ENSG00000089094	576.75	498.00
ENSG00000089101	2.75	3.00
ENSG00000089116	0.00	0.00
ENSG00000089123	108.50	165.75
ENSG00000089127	29.50	13.25
ENSG00000089154	2775.75	2709.00
ENSG00000089157	42593.75	39991.25
ENSG00000089159	4713.25	3670.50
ENSG00000089163	28.00	17.25
ENSG00000089169	8.00	8.25
ENSG00000089177	571.75	521.75
ENSG00000089195	183.00	194.25
ENSG00000089199	5.00	5.25
ENSG00000089220	3877.75	3840.50
ENSG00000089225	823.50	594.75
ENSG00000089234	583.25	548.00
ENSG00000089248	2309.25	1856.00
ENSG00000089250	17.75	19.75
ENSG00000089280	2320.25	2409.75
ENSG00000089289	1235.75	1203.25
ENSG00000089327	1059.50	805.25
ENSG00000089335	710.00	528.50
ENSG00000089351	885.50	712.75
ENSG00000089356	1.00	1.75
ENSG00000089472	3409.25	2677.75
ENSG00000089486	501.50	493.75
ENSG00000089505	33.75	23.50
ENSG00000089558	0.50	0.75
ENSG00000089597	9532.25	9404.50
ENSG00000089639	168.00	139.50
ENSG00000089682	289.00	235.75
ENSG00000089685	46.25	47.00
ENSG00000089692	5.00	4.75
ENSG00000089693	2673.25	2321.00

ENSG00000089723	59.50	33.00
ENSG00000089737	250.75	222.00
ENSG00000089775	311.00	291.25
ENSG00000089818	519.75	456.50
ENSG00000089820	34.75	26.00
ENSG00000089847	61.00	54.25
ENSG00000089876	641.00	576.75
ENSG00000089902	548.75	459.00
ENSG00000089916	1235.75	1208.75
ENSG00000090006	32594.25	25929.25
ENSG00000090013	845.00	648.75
ENSG00000090020	1305.50	1027.00
ENSG00000090054	1803.25	1607.75
ENSG00000090060	3542.00	3485.75
ENSG00000090061	800.75	829.75
ENSG00000090097	1100.00	810.00
ENSG00000090104	0.00	0.25
ENSG00000090238	908.25	1092.00
ENSG00000090263	437.25	358.50
ENSG00000090266	598.50	587.00
ENSG00000090273	1095.75	1182.25
ENSG00000090316	1345.50	1199.75
ENSG00000090339	289.25	310.00
ENSG00000090372	1322.75	1319.50
ENSG00000090376	500.75	829.00
ENSG00000090382	0.25	1.75
ENSG00000090402	0.00	0.00
ENSG00000090432	721.00	757.25
ENSG00000090447	165.75	131.00
ENSG00000090470	575.50	575.75
ENSG00000090487	1989.00	1915.25
ENSG00000090512	0.25	0.00
ENSG00000090520	911.75	914.50
ENSG00000090530	116.00	83.25
ENSG00000090534	25.25	14.50
ENSG00000090539	267.50	239.00
ENSG00000090554	260.00	186.75
ENSG00000090565	896.50	1156.00
ENSG00000090581	1521.50	1256.75
ENSG00000090612	568.25	471.50
ENSG00000090615	2422.25	2420.00
ENSG00000090621	4566.50	3903.00
ENSG00000090659	1.75	1.75

ENSG00000090661	209.00	142.25
ENSG00000090674	569.25	621.50
ENSG00000090686	1822.75	1923.50
ENSG00000090776	700.00	408.00
ENSG00000090857	1794.50	1663.00
ENSG00000090861	3731.75	2312.75
ENSG00000090863	6529.00	5368.00
ENSG00000090889	35.50	23.50
ENSG00000090905	3083.50	2952.50
ENSG00000090924	1223.00	1358.00
ENSG00000090932	3.25	1.50
ENSG00000090971	311.00	324.00
ENSG00000090975	536.75	572.00
ENSG00000090989	1561.25	1387.00
ENSG00000091009	592.50	603.50
ENSG00000091010	0.25	0.25
ENSG00000091039	5654.75	4341.50
ENSG00000091073	191.25	174.25
ENSG00000091106	9.50	9.50
ENSG00000091127	151.50	224.00
ENSG00000091128	5.75	13.75
ENSG00000091129	213.50	161.50
ENSG00000091136	24228.75	38659.00
ENSG00000091137	10.50	11.00
ENSG00000091138	0.00	0.00
ENSG00000091140	908.25	838.50
ENSG00000091157	548.75	565.50
ENSG00000091164	1471.50	1063.50
ENSG00000091181	2.00	1.50
ENSG00000091262	79.75	31.50
ENSG00000091317	1904.25	2681.50
ENSG00000091409	292.00	393.25
ENSG00000091428	57.25	28.25
ENSG00000091436	5318.50	4671.50
ENSG00000091482	0.00	0.25
ENSG00000091483	887.00	1066.25
ENSG00000091490	2073.00	1362.00
ENSG00000091513	37.75	31.25
ENSG00000091527	3975.75	6003.00
ENSG00000091536	58.75	53.00
ENSG00000091542	1749.75	1600.25
ENSG00000091583	1.25	2.75
ENSG00000091592	1950.75	1213.50

ENSG00000091622	40.25	26.50
ENSG00000091640	808.25	784.75
ENSG00000091651	93.00	74.00
ENSG00000091656	995.00	826.25
ENSG00000091664	0.00	0.00
ENSG00000091704	6.25	3.75
ENSG00000091732	276.75	243.25
ENSG00000091831	52.00	22.50
ENSG00000091844	113.25	66.75
ENSG00000091879	9.50	7.50
ENSG00000091947	464.00	386.75
ENSG00000091972	71.50	42.00
ENSG00000091986	181002.50	170242.50
ENSG00000092009	2.25	1.50
ENSG00000092010	1637.00	1368.50
ENSG00000092020	421.50	399.00
ENSG00000092036	453.75	450.50
ENSG00000092051	1.75	0.00
ENSG00000092054	0.00	0.00
ENSG00000092067	0.00	0.25
ENSG00000092068	1466.75	2114.25
ENSG00000092094	367.75	259.00
ENSG00000092096	453.50	372.50
ENSG00000092098	732.50	620.75
ENSG00000092108	1142.75	1097.25
ENSG00000092140	337.50	326.75
ENSG00000092148	6875.00	5708.50
ENSG00000092199	5420.75	5016.75
ENSG00000092200	6.75	4.50
ENSG00000092201	2658.00	2372.00
ENSG00000092203	1709.25	1521.75
ENSG00000092208	88.50	78.25
ENSG00000092295	18.25	12.50
ENSG00000092330	850.50	695.75
ENSG00000092345	1.00	0.25
ENSG00000092377	0.00	0.25
ENSG00000092421	55.25	52.50
ENSG00000092439	2018.25	2054.75
ENSG00000092445	577.50	395.50
ENSG00000092470	112.00	77.50
ENSG00000092529	180.25	247.50
ENSG00000092531	1294.50	1231.25
ENSG00000092607	3.25	2.25

ENSG00000092621	1918.00	624.75
ENSG00000092758	4.75	4.75
ENSG00000092820	1692.25	1524.25
ENSG00000092841	10660.75	15007.00
ENSG00000092847	1235.00	861.25
ENSG00000092850	2.50	4.00
ENSG00000092853	65.25	24.00
ENSG00000092871	447.00	444.25
ENSG00000092929	39.75	55.50
ENSG00000092931	475.25	356.50
ENSG00000092964	4422.25	3404.00
ENSG00000092969	372.25	92.50
ENSG00000092978	298.75	261.00
ENSG00000093000	1366.75	1551.25
ENSG00000093009	11.00	12.75
ENSG00000093010	2802.50	3134.00
ENSG00000093072	767.00	512.00
ENSG00000093134	17.75	10.50
ENSG00000093144	1217.50	1887.75
ENSG00000093167	1758.75	2544.25
ENSG00000093183	1270.25	1548.00
ENSG00000093217	113.50	50.25
ENSG00000094631	580.75	482.50
ENSG00000094661	0.00	0.00
ENSG00000094755	28.25	26.25
ENSG00000094796	0.00	0.00
ENSG00000094804	36.75	34.50
ENSG00000094841	157.00	149.25
ENSG00000094880	652.75	543.75
ENSG00000094914	797.50	707.75
ENSG00000094916	2945.75	1705.75
ENSG00000094963	2080.00	2663.75
ENSG00000094975	855.75	732.75
ENSG00000095002	487.00	334.25
ENSG00000095015	386.50	278.50
ENSG00000095059	496.25	501.00
ENSG00000095066	257.25	211.25
ENSG00000095110	1.50	0.25
ENSG00000095139	4295.00	4620.50
ENSG00000095203	111.50	93.75
ENSG00000095209	255.75	164.00
ENSG00000095261	1126.00	894.75
ENSG00000095303	1232.75	2102.50

ENSG00000095319	1216.75	898.25
ENSG00000095321	1618.75	1677.75
ENSG00000095370	5.25	5.00
ENSG00000095380	510.25	624.25
ENSG00000095383	247.25	320.00
ENSG00000095397	154.25	90.75
ENSG00000095464	3.25	6.50
ENSG00000095485	241.25	266.50
ENSG00000095539	183.75	170.50
ENSG00000095564	1600.50	1687.75
ENSG00000095574	395.00	375.25
ENSG00000095585	45.75	6.50
ENSG00000095587	7.50	8.75
ENSG00000095596	0.00	1.50
ENSG00000095627	1.50	2.00
ENSG00000095637	27.00	67.25
ENSG00000095713	0.00	0.00
ENSG00000095739	105.75	131.25
ENSG00000095752	56.00	66.75
ENSG00000095777	0.25	0.00
ENSG00000095787	2560.25	2534.25
ENSG00000095794	272.00	219.75
ENSG00000095906	523.25	501.75
ENSG00000095917	0.00	0.00
ENSG00000095932	0.75	0.00
ENSG00000095951	607.00	398.50
ENSG00000095970	2.00	0.50
ENSG00000095981	0.00	0.00
ENSG00000096006	0.00	0.25
ENSG00000096060	354.75	4646.00
ENSG00000096063	775.50	819.75
ENSG00000096070	1081.50	1006.00
ENSG00000096080	291.75	257.25
ENSG00000096088	0.00	0.25
ENSG00000096092	379.75	458.50
ENSG00000096093	723.75	643.25
ENSG00000096150	4414.00	3962.75
ENSG00000096155	200.75	121.00
ENSG00000096171	94.50	105.00
ENSG00000096264	0.00	0.00
ENSG00000096384	12558.75	8923.50
ENSG00000096395	0.75	0.50
ENSG00000096401	1047.50	1073.00

ENSG00000096433	2568.00	2654.25
ENSG00000096654	205.25	120.00
ENSG00000096696	107.00	207.00
ENSG00000096717	517.75	541.50
ENSG00000096746	1816.50	1558.75
ENSG00000096872	315.00	276.00
ENSG00000096968	581.50	817.75
ENSG00000096996	12.25	11.00
ENSG00000097007	6630.00	5703.50
ENSG00000097021	565.25	504.00
ENSG00000097033	3135.25	3455.00
ENSG00000097046	60.75	48.00
ENSG00000097096	130.00	274.75
ENSG00000099139	506.25	350.50
ENSG00000099194	2503.50	604.75
ENSG00000099203	424.00	347.25
ENSG00000099204	500.00	1187.75
ENSG00000099219	563.50	649.50
ENSG00000099246	1727.25	1623.25
ENSG00000099250	7516.00	6121.50
ENSG00000099251	23.75	19.25
ENSG00000099256	466.50	311.50
ENSG00000099260	162.75	94.00
ENSG00000099282	1.50	0.25
ENSG00000099284	465.75	352.75
ENSG00000099290	5121.00	5042.25
ENSG00000099308	409.00	467.50
ENSG00000099326	493.50	365.00
ENSG00000099330	164.25	192.50
ENSG00000099331	2932.00	2716.00
ENSG00000099337	315.50	1556.25
ENSG00000099338	17.50	24.50
ENSG00000099341	1756.00	1979.50
ENSG00000099364	334.50	310.75
ENSG00000099365	127.50	62.50
ENSG00000099377	368.50	384.00
ENSG00000099381	594.75	567.50
ENSG00000099385	577.50	558.00
ENSG00000099399	0.00	0.00
ENSG00000099617	0.25	0.00
ENSG00000099622	3364.50	2494.75
ENSG00000099624	589.00	621.50
ENSG00000099625	76.50	82.00

ENSG00000099715	4.75	1.25
ENSG00000099721	0.00	0.00
ENSG00000099725	379.00	205.25
ENSG00000099769	2.75	3.25
ENSG00000099783	2786.00	2885.00
ENSG00000099785	389.50	503.50
ENSG00000099795	666.25	619.50
ENSG00000099797	751.75	671.00
ENSG00000099800	480.50	501.75
ENSG00000099804	673.75	609.25
ENSG00000099810	665.50	686.25
ENSG00000099812	3.00	2.50
ENSG00000099814	960.75	890.25
ENSG00000099817	3019.00	2624.25
ENSG00000099821	478.50	581.75
ENSG00000099822	40.75	54.25
ENSG00000099834	3.00	1.75
ENSG00000099840	25.75	52.25
ENSG00000099849	25.00	57.00
ENSG00000099860	220.25	538.25
ENSG00000099864	2086.75	1840.00
ENSG00000099866	9.75	10.00
ENSG00000099875	1504.50	1647.50
ENSG00000099889	245.25	167.25
ENSG00000099899	567.75	449.00
ENSG00000099901	607.00	549.25
ENSG00000099904	1051.75	1202.75
ENSG00000099910	539.25	452.50
ENSG00000099917	1958.00	1904.50
ENSG00000099937	0.50	0.50
ENSG00000099940	1165.25	903.50
ENSG00000099942	1520.00	1467.00
ENSG00000099949	1556.50	1667.50
ENSG00000099953	175.00	108.25
ENSG00000099954	5.25	5.00
ENSG00000099956	543.25	399.75
ENSG00000099957	82.00	62.25
ENSG00000099958	1.75	1.00
ENSG00000099960	14.25	9.75
ENSG00000099968	1512.25	1361.25
ENSG00000099974	25.25	33.25
ENSG00000099977	234.50	271.50
ENSG00000099984	11.75	18.50

ENSG00000099985	0.25	0.00
ENSG00000099991	1394.50	2100.25
ENSG00000099992	357.75	412.25
ENSG00000099994	61.25	90.25
ENSG00000099995	2071.50	2000.00
ENSG00000099998	199.50	948.25
ENSG00000099999	339.75	286.25
ENSG00000100003	202.50	277.50
ENSG00000100012	2.00	1.50
ENSG00000100014	2330.75	2705.75
ENSG00000100023	1010.75	858.50
ENSG00000100024	9.50	10.00
ENSG00000100027	97.50	118.00
ENSG00000100028	883.75	742.75
ENSG00000100029	1211.75	1209.00
ENSG00000100030	3400.75	3199.25
ENSG00000100031	54.75	64.00
ENSG00000100033	7.25	89.00
ENSG00000100034	1343.75	1011.00
ENSG00000100036	92.25	114.75
ENSG00000100038	368.75	386.25
ENSG00000100053	0.00	0.00
ENSG00000100055	4.75	1.25
ENSG00000100056	352.75	337.50
ENSG00000100058	217.50	207.50
ENSG00000100060	0.00	0.00
ENSG00000100065	90.50	63.75
ENSG00000100068	34.75	35.25
ENSG00000100075	1123.50	1254.00
ENSG00000100077	118.25	90.25
ENSG00000100078	1.00	0.25
ENSG00000100079	12.75	12.75
ENSG00000100083	811.25	684.25
ENSG00000100084	915.25	903.50
ENSG00000100092	197.75	116.50
ENSG00000100095	0.00	0.25
ENSG00000100097	19466.00	15927.00
ENSG00000100099	805.25	541.00
ENSG00000100100	2694.25	2430.00
ENSG00000100101	0.00	0.00
ENSG00000100104	290.75	270.50
ENSG00000100105	444.75	343.25
ENSG00000100106	6498.75	4370.25

ENSG00000100109	733.75	702.25
ENSG00000100116	102.50	149.00
ENSG00000100121	1.50	2.75
ENSG00000100122	1.25	0.50
ENSG00000100124	235.00	254.75
ENSG00000100129	7558.50	6646.50
ENSG00000100138	1218.50	1185.50
ENSG00000100139	782.75	710.75
ENSG00000100142	429.50	470.75
ENSG00000100146	1.00	0.50
ENSG00000100147	47.75	33.25
ENSG00000100150	269.75	205.25
ENSG00000100151	85.25	75.50
ENSG00000100154	2764.75	1431.00
ENSG00000100156	2.75	3.50
ENSG00000100162	13.25	6.75
ENSG00000100167	28.25	10.00
ENSG00000100170	2.25	1.00
ENSG00000100191	0.00	0.00
ENSG00000100196	1445.00	1479.00
ENSG00000100197	10.00	4.25
ENSG00000100201	12735.75	11906.25
ENSG00000100206	24.00	64.75
ENSG00000100207	125.75	96.50
ENSG00000100209	227.50	158.25
ENSG00000100211	536.00	429.00
ENSG00000100216	818.25	751.00
ENSG00000100218	1.00	0.75
ENSG00000100219	1264.50	1129.25
ENSG00000100220	1224.75	1056.75
ENSG00000100221	1152.50	1307.00
ENSG00000100225	1793.00	1622.00
ENSG00000100226	980.50	970.25
ENSG00000100227	1823.75	1573.50
ENSG00000100228	170.75	150.50
ENSG00000100234	67704.50	37119.25
ENSG00000100239	1255.50	1234.75
ENSG00000100241	3152.50	3228.75
ENSG00000100242	1958.25	5516.50
ENSG00000100243	13495.00	14515.25
ENSG00000100246	284.25	236.75
ENSG00000100249	3.75	1.50
ENSG00000100253	1.00	1.50

ENSG00000100258	1564.75	1455.75
ENSG00000100263	325.75	278.25
ENSG00000100266	883.50	1194.25
ENSG00000100271	295.50	228.25
ENSG00000100276	0.25	1.25
ENSG00000100280	1402.00	1169.25
ENSG00000100281	685.25	622.50
ENSG00000100284	1020.50	1043.00
ENSG00000100285	31.75	34.75
ENSG00000100288	598.00	462.00
ENSG00000100290	0.00	0.50
ENSG00000100292	3652.00	1334.00
ENSG00000100294	182.50	201.75
ENSG00000100296	792.25	809.50
ENSG00000100297	230.00	241.00
ENSG00000100298	1.75	1.00
ENSG00000100299	992.25	932.25
ENSG00000100300	1848.25	1981.75
ENSG00000100302	60.75	14.00
ENSG00000100304	500.25	655.00
ENSG00000100307	805.75	824.50
ENSG00000100311	0.50	0.00
ENSG00000100312	0.25	0.00
ENSG00000100314	4.25	3.50
ENSG00000100316	34135.50	30081.25
ENSG00000100319	279.50	227.50
ENSG00000100320	6639.50	4622.25
ENSG00000100321	762.25	592.00
ENSG00000100324	676.50	558.00
ENSG00000100325	1031.75	816.50
ENSG00000100330	1824.00	1498.75
ENSG00000100335	1025.00	1042.75
ENSG00000100336	189.25	155.50
ENSG00000100341	20.50	13.50
ENSG00000100342	1128.00	856.75
ENSG00000100344	106.25	124.00
ENSG00000100345	40827.25	46906.75
ENSG00000100346	2.00	1.00
ENSG00000100347	836.50	792.00
ENSG00000100348	1256.75	1078.25
ENSG00000100350	733.75	466.75
ENSG00000100351	0.00	0.25
ENSG00000100353	3824.50	3524.00

ENSG00000100354	1145.25	895.75
ENSG00000100359	707.75	764.50
ENSG00000100360	682.00	514.75
ENSG00000100362	0.00	0.00
ENSG00000100364	2380.50	1692.50
ENSG00000100365	0.00	0.25
ENSG00000100368	0.00	0.00
ENSG00000100372	242.25	239.75
ENSG00000100373	0.00	0.50
ENSG00000100376	954.75	514.25
ENSG00000100379	308.75	305.25
ENSG00000100380	7520.25	5517.00
ENSG00000100385	5.75	7.25
ENSG00000100387	613.50	641.25
ENSG00000100393	2501.75	2599.50
ENSG00000100395	587.25	398.50
ENSG00000100399	36.00	16.00
ENSG00000100401	1874.50	2281.25
ENSG00000100403	4261.75	4205.50
ENSG00000100410	270.50	260.25
ENSG00000100412	1797.00	1732.50
ENSG00000100413	986.00	868.50
ENSG00000100416	341.50	367.50
ENSG00000100417	774.25	835.50
ENSG00000100418	582.50	670.50
ENSG00000100422	1658.50	1645.50
ENSG00000100425	771.00	698.00
ENSG00000100426	302.50	308.25
ENSG00000100427	18.00	10.00
ENSG00000100429	341.75	349.75
ENSG00000100433	3.50	2.75
ENSG00000100439	2425.50	1813.00
ENSG00000100441	1765.00	1808.00
ENSG00000100442	711.50	704.00
ENSG00000100445	484.25	468.00
ENSG00000100448	0.00	0.00
ENSG00000100450	0.00	0.00
ENSG00000100453	0.00	0.25
ENSG00000100461	1137.25	885.00
ENSG00000100462	847.00	769.75
ENSG00000100473	4.25	6.75
ENSG00000100478	99.25	99.75
ENSG00000100479	26.75	18.00

ENSG00000100483	75.50	71.50
ENSG00000100485	821.75	1057.00
ENSG00000100490	231.50	254.00
ENSG00000100503	1790.25	1567.50
ENSG00000100504	1151.25	1154.25
ENSG00000100505	66.25	48.00
ENSG00000100519	909.00	763.00
ENSG00000100522	805.25	909.50
ENSG00000100523	1242.75	913.00
ENSG00000100526	54.25	60.25
ENSG00000100528	2127.00	2487.00
ENSG00000100532	193.25	204.75
ENSG00000100554	902.25	949.00
ENSG00000100557	4.75	2.75
ENSG00000100558	6.25	5.75
ENSG00000100564	191.50	186.00
ENSG00000100565	0.00	0.25
ENSG00000100567	911.50	869.00
ENSG00000100568	2411.75	2139.00
ENSG00000100575	314.25	238.75
ENSG00000100577	244.00	174.50
ENSG00000100578	391.00	292.75
ENSG00000100580	378.00	422.25
ENSG00000100583	19.25	15.00
ENSG00000100591	1171.25	1138.00
ENSG00000100592	1118.25	497.75
ENSG00000100593	3.25	1.75
ENSG00000100596	911.50	898.25
ENSG00000100599	746.25	541.00
ENSG00000100600	1017.00	1246.25
ENSG00000100601	144.25	175.75
ENSG00000100603	1188.25	1151.25
ENSG00000100604	0.50	0.00
ENSG00000100605	285.25	360.75
ENSG00000100612	820.75	846.25
ENSG00000100614	1271.00	1310.00
ENSG00000100625	701.25	498.00
ENSG00000100626	758.75	371.75
ENSG00000100628	18.75	43.50
ENSG00000100629	65.75	64.75
ENSG00000100632	1182.00	973.25
ENSG00000100644	6572.25	8774.00
ENSG00000100647	705.25	988.75

ENSG00000100650	5459.75	4822.25
ENSG00000100652	0.00	0.25
ENSG00000100664	4975.75	4139.75
ENSG00000100665	0.00	0.00
ENSG00000100678	3.00	6.75
ENSG00000100697	1620.50	1612.25
ENSG00000100711	1412.00	1153.50
ENSG00000100714	993.75	1160.50
ENSG00000100721	2.00	1.25
ENSG00000100722	1335.75	1179.25
ENSG00000100726	357.50	358.50
ENSG00000100731	2777.50	2227.00
ENSG00000100739	346.50	92.25
ENSG00000100744	446.75	392.25
ENSG00000100749	84.75	82.75
ENSG00000100764	1138.75	1020.00
ENSG00000100767	196.50	338.00
ENSG00000100784	300.75	75.00
ENSG00000100796	1225.50	990.25
ENSG00000100802	201.75	130.50
ENSG00000100804	1792.75	1624.50
ENSG00000100811	2605.25	2270.00
ENSG00000100813	5451.75	3559.25
ENSG00000100814	557.00	503.75
ENSG00000100815	1610.00	1399.75
ENSG00000100823	1980.00	1479.00
ENSG00000100836	2177.50	1846.50
ENSG00000100842	339.75	205.75
ENSG00000100852	1929.50	1868.75
ENSG00000100865	494.75	431.50
ENSG00000100867	11.50	23.25
ENSG00000100883	955.50	938.00
ENSG00000100884	0.00	0.00
ENSG00000100888	1873.50	1634.50
ENSG00000100889	422.25	339.00
ENSG00000100890	429.00	474.50
ENSG00000100897	1067.75	1088.00
ENSG00000100902	1058.25	1047.25
ENSG00000100906	436.00	699.00
ENSG00000100908	96.50	94.75
ENSG00000100911	804.50	557.25
ENSG00000100916	192.00	240.25
ENSG00000100918	40.75	34.50

ENSG00000100926	1312.50	1319.25
ENSG00000100934	4173.00	3844.50
ENSG00000100938	1126.75	1104.75
ENSG00000100941	1871.25	1707.00
ENSG00000100949	327.00	277.25
ENSG00000100968	4627.25	3202.50
ENSG00000100979	7960.50	5905.00
ENSG00000100982	570.75	523.25
ENSG00000100983	724.50	536.00
ENSG00000100985	0.00	0.00
ENSG00000100987	3.00	2.00
ENSG00000100991	2455.50	2254.25
ENSG00000100994	2588.50	3601.00
ENSG00000100997	1200.25	1339.25
ENSG00000101000	307.50	219.50
ENSG00000101003	40.25	35.50
ENSG00000101004	560.50	356.50
ENSG00000101017	77.50	116.75
ENSG00000101019	804.25	666.25
ENSG00000101040	637.50	493.25
ENSG00000101049	20.25	6.00
ENSG00000101052	861.50	731.25
ENSG00000101057	7.75	5.75
ENSG00000101074	0.75	0.50
ENSG00000101076	4.00	3.75
ENSG00000101079	1086.75	674.25
ENSG00000101082	2.75	4.50
ENSG00000101084	562.25	717.25
ENSG00000101096	5.50	2.25
ENSG00000101098	23.50	16.00
ENSG00000101104	404.25	326.25
ENSG00000101109	926.50	784.25
ENSG00000101115	26.00	10.50
ENSG00000101126	1977.25	1439.75
ENSG00000101132	425.75	367.00
ENSG00000101134	443.50	217.00
ENSG00000101138	665.75	597.50
ENSG00000101144	0.50	0.75
ENSG00000101146	498.25	443.00
ENSG00000101150	3632.75	4145.50
ENSG00000101152	1942.25	2033.75
ENSG00000101158	906.75	819.25
ENSG00000101160	2285.00	2363.50

ENSG00000101161	2027.75	1980.75
ENSG00000101162	7.00	8.75
ENSG00000101166	706.00	639.50
ENSG00000101180	0.00	0.25
ENSG00000101181	432.00	400.00
ENSG00000101182	1553.00	1769.25
ENSG00000101187	15.50	6.00
ENSG00000101188	1.00	0.00
ENSG00000101189	378.00	409.50
ENSG00000101190	474.25	482.50
ENSG00000101191	1677.00	1481.25
ENSG00000101193	788.00	745.25
ENSG00000101194	77.50	63.75
ENSG00000101197	0.75	0.25
ENSG00000101198	0.25	0.25
ENSG00000101199	1703.50	1547.75
ENSG00000101200	0.00	0.25
ENSG00000101203	0.75	1.25
ENSG00000101204	0.00	0.00
ENSG00000101210	24.25	17.75
ENSG00000101213	8.75	7.25
ENSG00000101216	355.50	321.00
ENSG00000101220	515.75	521.50
ENSG00000101222	5.50	5.25
ENSG00000101224	3374.25	1874.50
ENSG00000101230	37.75	57.75
ENSG00000101236	2335.75	3102.25
ENSG00000101246	482.50	343.75
ENSG00000101247	138.75	128.75
ENSG00000101251	1.25	1.25
ENSG00000101255	406.50	181.50
ENSG00000101265	2355.50	973.75
ENSG00000101266	2086.75	1751.00
ENSG00000101276	2.50	4.50
ENSG00000101278	3.25	0.50
ENSG00000101280	5.25	6.00
ENSG00000101282	1.50	0.50
ENSG00000101290	1786.50	2523.25
ENSG00000101292	0.00	0.00
ENSG00000101294	2735.25	2625.50
ENSG00000101298	328.75	254.50
ENSG00000101306	0.00	0.25
ENSG00000101307	28.25	14.75

ENSG00000101310	549.50	484.75
ENSG00000101311	64.50	49.50
ENSG00000101323	0.00	0.00
ENSG00000101327	0.00	0.00
ENSG00000101331	0.00	0.00
ENSG00000101333	524.50	808.75
ENSG00000101335	14931.25	19595.50
ENSG00000101336	0.75	0.25
ENSG00000101337	2156.25	1919.00
ENSG00000101342	6.25	91.50
ENSG00000101343	692.75	758.25
ENSG00000101346	2443.00	2139.50
ENSG00000101347	1951.25	24068.25
ENSG00000101349	0.00	0.00
ENSG00000101350	2367.50	2400.25
ENSG00000101353	75.25	51.00
ENSG00000101361	1090.00	1184.50
ENSG00000101363	1020.50	1096.75
ENSG00000101365	805.75	779.75
ENSG00000101367	1735.50	1941.75
ENSG00000101384	1595.25	975.00
ENSG00000101391	251.75	254.50
ENSG00000101400	409.75	450.50
ENSG00000101405	0.00	1.25
ENSG00000101407	409.75	343.25
ENSG00000101412	37.50	39.50
ENSG00000101413	638.25	593.25
ENSG00000101417	374.25	227.75
ENSG00000101421	2318.25	2269.25
ENSG00000101425	15.25	10.75
ENSG00000101435	0.00	0.00
ENSG00000101438	0.00	0.00
ENSG00000101439	3784.50	4402.50
ENSG00000101440	1.75	0.25
ENSG00000101441	0.00	0.00
ENSG00000101442	92.25	84.00
ENSG00000101443	0.00	0.00
ENSG00000101444	1385.25	1342.00
ENSG00000101445	0.50	0.25
ENSG00000101446	0.00	0.00
ENSG00000101447	108.50	285.75
ENSG00000101448	14.00	9.25
ENSG00000101452	325.25	368.25

ENSG00000101457	399.00	292.75
ENSG00000101460	404.50	563.25
ENSG00000101463	0.25	0.25
ENSG00000101464	272.00	226.00
ENSG00000101470	29.50	14.25
ENSG00000101473	448.75	371.75
ENSG00000101474	2491.00	2746.00
ENSG00000101489	7.50	3.50
ENSG00000101493	1063.50	958.00
ENSG00000101542	3.25	1.50
ENSG00000101544	546.00	478.75
ENSG00000101546	259.50	227.50
ENSG00000101557	1351.50	1370.75
ENSG00000101558	2381.50	2813.75
ENSG00000101574	170.75	207.00
ENSG00000101577	1501.50	1281.00
ENSG00000101596	1997.25	1709.50
ENSG00000101605	98.25	140.25
ENSG00000101608	4081.25	6984.75
ENSG00000101624	119.25	90.25
ENSG00000101638	10.25	17.25
ENSG00000101639	727.00	665.75
ENSG00000101654	1263.00	1105.00
ENSG00000101665	244.25	278.00
ENSG00000101670	25.25	17.25
ENSG00000101680	171.25	157.25
ENSG00000101695	21.50	26.25
ENSG00000101745	1487.75	1526.75
ENSG00000101746	0.50	0.50
ENSG00000101751	632.25	616.00
ENSG00000101752	1687.50	1661.75
ENSG00000101773	470.50	485.50
ENSG00000101782	1275.75	1596.75
ENSG00000101811	206.50	199.25
ENSG00000101812	12.25	6.25
ENSG00000101825	7398.00	2508.00
ENSG00000101842	7.50	4.00
ENSG00000101843	759.75	516.00
ENSG00000101844	233.50	176.25
ENSG00000101846	2192.25	2627.25
ENSG00000101849	775.50	689.75
ENSG00000101850	0.00	0.00
ENSG00000101856	4108.25	3324.75

ENSG00000101868	255.25	220.00
ENSG00000101871	3452.50	2395.00
ENSG00000101882	429.25	379.75
ENSG00000101883	0.50	0.25
ENSG00000101888	250.00	209.50
ENSG00000101890	0.00	0.00
ENSG00000101892	4.75	3.00
ENSG00000101898	15.25	9.75
ENSG00000101901	430.75	503.25
ENSG00000101911	493.00	550.00
ENSG00000101916	0.75	0.00
ENSG00000101928	915.00	1130.50
ENSG00000101935	297.50	271.00
ENSG00000101938	134.75	237.00
ENSG00000101940	1182.75	1241.50
ENSG00000101945	64.50	56.75
ENSG00000101951	0.00	0.00
ENSG00000101955	3177.25	5684.25
ENSG00000101958	7.00	3.75
ENSG00000101966	987.75	912.50
ENSG00000101972	2203.00	2146.75
ENSG00000101974	1222.25	1612.00
ENSG00000101977	2.75	11.50
ENSG00000101981	0.00	0.00
ENSG00000101986	481.75	466.75
ENSG00000101997	251.00	230.50
ENSG00000102001	2.25	3.00
ENSG00000102003	27.00	26.25
ENSG00000102007	899.50	1143.25
ENSG00000102010	0.25	0.00
ENSG00000102021	0.50	0.25
ENSG00000102024	7168.00	7547.50
ENSG00000102030	668.50	652.00
ENSG00000102032	21.25	25.25
ENSG00000102034	593.00	477.50
ENSG00000102038	3230.50	2806.75
ENSG00000102043	9.75	5.50
ENSG00000102048	6.25	5.25
ENSG00000102053	104.00	78.50
ENSG00000102054	1980.50	1965.00
ENSG00000102055	0.00	0.00
ENSG00000102057	189.25	159.50
ENSG00000102076	0.00	0.00

ENSG00000102078	127.50	125.50
ENSG00000102081	788.00	651.75
ENSG00000102096	51.75	54.00
ENSG00000102098	62.75	40.25
ENSG00000102100	335.75	397.50
ENSG00000102103	504.50	413.50
ENSG00000102104	0.00	0.25
ENSG00000102109	7.75	6.25
ENSG00000102119	887.50	958.75
ENSG00000102125	319.00	362.50
ENSG00000102128	2.75	5.50
ENSG00000102144	7188.75	9768.75
ENSG00000102145	0.00	0.00
ENSG00000102158	2602.00	2203.25
ENSG00000102172	1330.25	1141.00
ENSG00000102174	282.75	175.75
ENSG00000102178	588.75	607.75
ENSG00000102181	3419.75	3115.50
ENSG00000102189	3310.50	2560.00
ENSG00000102195	0.00	0.00
ENSG00000102218	376.25	488.00
ENSG00000102221	312.75	167.25
ENSG00000102225	1711.75	1609.75
ENSG00000102226	1687.75	1322.25
ENSG00000102230	4.00	4.00
ENSG00000102239	0.00	0.25
ENSG00000102241	1579.50	1226.25
ENSG00000102243	0.00	0.00
ENSG00000102245	1.00	1.00
ENSG00000102265	18873.50	14156.50
ENSG00000102271	2.50	1.50
ENSG00000102287	222.75	156.50
ENSG00000102290	3.25	2.75
ENSG00000102302	625.25	461.00
ENSG00000102309	266.50	221.00
ENSG00000102312	205.00	199.00
ENSG00000102313	0.00	0.00
ENSG00000102316	3787.25	2695.50
ENSG00000102317	3272.25	3842.25
ENSG00000102349	105.50	102.00
ENSG00000102359	985.50	963.25
ENSG00000102362	331.00	403.75
ENSG00000102383	27.00	14.00

ENSG00000102384	55.75	45.75
ENSG00000102385	158.75	73.75
ENSG00000102387	13.75	10.00
ENSG00000102390	412.50	311.25
ENSG00000102393	309.50	271.75
ENSG00000102401	3485.75	2531.00
ENSG00000102409	345.50	273.00
ENSG00000102445	413.25	213.00
ENSG00000102452	98.50	135.25
ENSG00000102466	269.75	366.25
ENSG00000102468	22.75	7.50
ENSG00000102471	639.25	577.50
ENSG00000102524	90.00	38.50
ENSG00000102531	2619.25	2187.25
ENSG00000102539	0.50	1.00
ENSG00000102543	194.50	198.00
ENSG00000102547	535.00	683.50
ENSG00000102554	48.00	271.25
ENSG00000102572	1367.00	1449.00
ENSG00000102575	63.25	20.50
ENSG00000102580	1960.25	2419.75
ENSG00000102595	940.25	915.50
ENSG00000102606	1470.25	1464.25
ENSG00000102678	202.00	122.25
ENSG00000102683	17.75	17.00
ENSG00000102699	2994.00	2936.25
ENSG00000102710	908.25	728.50
ENSG00000102738	208.50	175.75
ENSG00000102743	91.00	68.75
ENSG00000102753	1302.50	1470.50
ENSG00000102755	38.75	67.00
ENSG00000102760	247.25	1951.25
ENSG00000102763	705.00	593.25
ENSG00000102780	392.25	568.00
ENSG00000102781	596.00	675.50
ENSG00000102786	726.25	667.75
ENSG00000102794	0.00	0.00
ENSG00000102796	114.25	98.00
ENSG00000102802	1339.50	1851.75
ENSG00000102804	3605.75	7362.75
ENSG00000102805	1163.75	1005.50
ENSG00000102837	0.75	0.00
ENSG00000102854	1.75	1.00

ENSG00000102858	1315.75	1202.25
ENSG00000102870	970.25	952.50
ENSG00000102871	320.50	305.75
ENSG00000102878	217.00	132.50
ENSG00000102879	16.25	5.50
ENSG00000102882	2870.00	2134.00
ENSG00000102886	73.50	78.00
ENSG00000102890	19.25	13.00
ENSG00000102891	0.00	0.00
ENSG00000102893	1616.75	1403.50
ENSG00000102897	378.25	384.25
ENSG00000102898	1376.00	1270.50
ENSG00000102900	564.75	679.00
ENSG00000102901	714.75	699.00
ENSG00000102904	53.50	43.75
ENSG00000102908	2607.50	2191.75
ENSG00000102910	2427.75	2085.50
ENSG00000102921	972.00	809.75
ENSG00000102924	0.00	0.50
ENSG00000102931	1545.75	1408.00
ENSG00000102934	101.25	128.75
ENSG00000102935	58.00	22.25
ENSG00000102962	7.25	6.25
ENSG00000102967	107.50	88.00
ENSG00000102970	0.00	0.00
ENSG00000102974	820.25	632.25
ENSG00000102977	236.50	221.50
ENSG00000102978	940.00	983.00
ENSG00000102981	30.50	25.00
ENSG00000102984	140.50	53.50
ENSG00000102996	104.00	219.25
ENSG00000103005	604.75	708.75
ENSG00000103018	1156.00	870.50
ENSG00000103021	189.00	130.50
ENSG00000103023	0.00	0.50
ENSG00000103024	255.75	257.00
ENSG00000103034	225.75	151.25
ENSG00000103035	1222.25	1330.00
ENSG00000103037	186.75	164.50
ENSG00000103042	764.00	668.75
ENSG00000103043	1049.75	903.25
ENSG00000103044	16.00	16.75
ENSG00000103047	237.25	221.25

ENSG00000103051	1595.00	1438.50
ENSG00000103056	48.25	47.50
ENSG00000103061	595.50	610.75
ENSG00000103064	1035.75	2370.75
ENSG00000103066	918.75	1005.25
ENSG00000103067	3.50	3.00
ENSG00000103089	0.00	0.00
ENSG00000103091	702.75	669.75
ENSG00000103111	998.25	1249.25
ENSG00000103121	187.00	179.75
ENSG00000103126	505.75	545.00
ENSG00000103145	1107.00	774.50
ENSG00000103148	778.25	667.50
ENSG00000103150	254.00	374.50
ENSG00000103152	1022.75	1062.00
ENSG00000103154	1.50	2.25
ENSG00000103160	485.00	390.50
ENSG00000103168	622.00	639.50
ENSG00000103174	462.50	379.25
ENSG00000103175	143.75	399.00
ENSG00000103184	109.50	116.75
ENSG00000103187	2118.75	2583.25
ENSG00000103194	901.75	960.75
ENSG00000103196	930.50	4864.75
ENSG00000103197	2395.00	1994.75
ENSG00000103199	331.25	300.00
ENSG00000103200	0.00	0.00
ENSG00000103202	1799.50	1502.00
ENSG00000103222	2984.50	2072.00
ENSG00000103226	44.00	39.00
ENSG00000103227	301.50	323.25
ENSG00000103241	1718.50	1775.75
ENSG00000103245	320.25	313.00
ENSG00000103248	371.75	245.00
ENSG00000103249	2114.50	1855.25
ENSG00000103253	77.00	100.25
ENSG00000103254	103.00	114.50
ENSG00000103257	667.25	294.25
ENSG00000103260	302.50	351.00
ENSG00000103264	1305.25	1165.00
ENSG00000103266	1302.75	1312.50
ENSG00000103269	40.00	37.00
ENSG00000103274	237.75	176.75

ENSG00000103275	2435.75	2257.50
ENSG00000103310	0.25	0.50
ENSG00000103313	10.25	8.50
ENSG00000103316	20.25	7.75
ENSG00000103319	1213.50	1308.50
ENSG00000103326	559.00	623.75
ENSG00000103335	3869.25	3693.75
ENSG00000103342	2509.25	2500.25
ENSG00000103343	199.50	167.00
ENSG00000103351	797.25	606.00
ENSG00000103353	2438.75	1871.00
ENSG00000103355	0.00	0.00
ENSG00000103356	396.75	330.00
ENSG00000103363	1803.75	1730.50
ENSG00000103365	1584.75	942.75
ENSG00000103375	0.25	0.50
ENSG00000103381	575.50	1038.50
ENSG00000103404	249.50	357.75
ENSG00000103415	247.25	254.50
ENSG00000103423	382.75	323.75
ENSG00000103426	2.25	5.25
ENSG00000103429	651.25	618.00
ENSG00000103449	33.75	68.50
ENSG00000103460	0.00	0.00
ENSG00000103472	38.00	30.25
ENSG00000103479	2474.75	2750.00
ENSG00000103485	1285.25	535.50
ENSG00000103489	1056.25	958.00
ENSG00000103490	196.75	207.50
ENSG00000103494	314.50	268.50
ENSG00000103495	1472.75	1149.75
ENSG00000103496	710.00	610.75
ENSG00000103502	2571.25	4199.75
ENSG00000103507	950.25	894.00
ENSG00000103510	481.50	442.50
ENSG00000103512	353.75	251.50
ENSG00000103522	14.00	8.25
ENSG00000103528	12.50	6.75
ENSG00000103534	5.00	4.50
ENSG00000103540	417.25	334.00
ENSG00000103544	1708.75	1593.50
ENSG00000103546	0.25	0.00
ENSG00000103549	1892.25	1725.50

ENSG00000103550	319.50	294.00
ENSG00000103569	0.00	0.00
ENSG00000103591	828.00	676.00
ENSG00000103599	49.75	40.75
ENSG00000103642	513.75	593.00
ENSG00000103647	821.75	304.75
ENSG00000103653	571.75	504.75
ENSG00000103657	2089.50	2099.50
ENSG00000103671	365.75	351.75
ENSG00000103707	228.50	229.25
ENSG00000103710	1526.75	672.25
ENSG00000103723	57.00	54.00
ENSG00000103740	30.25	25.00
ENSG00000103742	629.25	143.75
ENSG00000103769	2089.25	1955.00
ENSG00000103811	907.50	905.00
ENSG00000103832	0.50	0.00
ENSG00000103852	527.00	425.25
ENSG00000103855	2998.25	2170.00
ENSG00000103876	484.75	312.00
ENSG00000103888	88985.50	164711.00
ENSG00000103932	503.00	562.50
ENSG00000103942	75.00	67.75
ENSG00000103966	653.25	691.75
ENSG00000103978	891.25	1126.50
ENSG00000103994	10177.75	12479.00
ENSG00000103995	180.00	102.75
ENSG00000104043	965.75	665.75
ENSG00000104044	0.00	1.25
ENSG00000104047	2066.75	1389.50
ENSG00000104055	4.75	2.00
ENSG00000104059	0.50	2.25
ENSG00000104064	643.50	586.25
ENSG00000104067	1243.25	1499.75
ENSG00000104081	293.50	173.50
ENSG00000104093	909.50	579.00
ENSG00000104112	8.00	5.25
ENSG00000104129	159.25	141.75
ENSG00000104131	581.75	629.50
ENSG00000104133	1945.75	1772.00
ENSG00000104140	0.50	1.75
ENSG00000104142	814.75	1012.25
ENSG00000104147	13.00	11.50

ENSG00000104154	449.25	459.75
ENSG00000104164	2225.25	1915.00
ENSG00000104177	284.75	216.00
ENSG00000104205	266.25	308.00
ENSG00000104213	328.75	316.50
ENSG00000104218	479.25	384.75
ENSG00000104219	1435.75	1549.50
ENSG00000104221	341.50	301.00
ENSG00000104228	399.50	419.75
ENSG00000104231	327.50	251.25
ENSG00000104237	0.25	0.50
ENSG00000104267	0.00	0.50
ENSG00000104290	12.75	17.25
ENSG00000104299	262.00	253.00
ENSG00000104312	326.00	252.50
ENSG00000104313	145.25	67.50
ENSG00000104320	901.50	666.75
ENSG00000104321	1092.75	719.00
ENSG00000104324	1644.00	1392.00
ENSG00000104325	982.50	825.00
ENSG00000104327	17.25	19.50
ENSG00000104331	2495.75	2836.00
ENSG00000104332	11854.25	16407.00
ENSG00000104341	1371.75	1177.75
ENSG00000104343	444.00	501.25
ENSG00000104356	208.25	207.75
ENSG00000104361	1570.75	1106.50
ENSG00000104365	1064.00	1031.00
ENSG00000104368	896.50	783.75
ENSG00000104369	0.00	0.50
ENSG00000104371	0.00	0.00
ENSG00000104375	841.50	579.50
ENSG00000104381	152.00	107.00
ENSG00000104388	2767.75	3046.50
ENSG00000104408	5978.00	5041.00
ENSG00000104412	607.50	549.50
ENSG00000104413	0.25	0.00
ENSG00000104415	623.50	354.25
ENSG00000104419	3433.75	3888.25
ENSG00000104427	398.00	368.75
ENSG00000104432	17.00	14.50
ENSG00000104435	1.75	3.00
ENSG00000104442	640.75	558.75

ENSG00000104447	548.00	370.25
ENSG00000104450	46.50	45.50
ENSG00000104472	578.50	624.00
ENSG00000104490	50.25	24.50
ENSG00000104497	230.25	209.25
ENSG00000104499	0.00	0.00
ENSG00000104517	4251.75	4102.50
ENSG00000104518	320.50	321.50
ENSG00000104522	259.00	222.50
ENSG00000104524	61.00	73.50
ENSG00000104529	3242.50	2956.50
ENSG00000104537	7.50	10.00
ENSG00000104549	390.75	385.25
ENSG00000104611	1117.75	693.25
ENSG00000104613	879.00	839.25
ENSG00000104626	474.00	424.50
ENSG00000104635	1320.00	1350.75
ENSG00000104643	454.00	432.25
ENSG00000104660	659.50	566.75
ENSG00000104671	434.25	455.75
ENSG00000104679	328.00	269.75
ENSG00000104687	866.25	1329.50
ENSG00000104689	55.75	74.25
ENSG00000104691	188.25	171.00
ENSG00000104695	1668.50	2213.75
ENSG00000104714	305.75	345.00
ENSG00000104722	55.00	72.75
ENSG00000104723	1562.00	1215.25
ENSG00000104728	994.00	919.00
ENSG00000104731	289.75	259.75
ENSG00000104738	680.00	403.50
ENSG00000104755	0.00	0.00
ENSG00000104756	1420.00	2179.00
ENSG00000104760	0.00	0.00
ENSG00000104763	3283.50	3147.25
ENSG00000104765	8472.75	9720.25
ENSG00000104774	3275.75	3133.50
ENSG00000104783	5.00	3.50
ENSG00000104804	15.50	12.00
ENSG00000104805	7514.50	7359.75
ENSG00000104808	1.75	2.50
ENSG00000104812	1463.50	2277.00
ENSG00000104814	7.50	3.25

ENSG00000104818	0.00	0.00
ENSG00000104823	677.25	768.75
ENSG00000104824	1698.25	1423.25
ENSG00000104825	198.25	239.00
ENSG00000104826	0.50	0.25
ENSG00000104827	0.25	0.00
ENSG00000104833	1.25	1.00
ENSG00000104835	91.50	69.25
ENSG00000104848	9.75	6.50
ENSG00000104852	4138.50	4330.00
ENSG00000104853	2080.00	2111.00
ENSG00000104856	152.00	128.25
ENSG00000104859	439.25	400.50
ENSG00000104863	45.25	27.25
ENSG00000104866	664.25	524.00
ENSG00000104870	2932.00	2839.25
ENSG00000104872	596.25	609.50
ENSG00000104879	1.75	1.50
ENSG00000104880	838.75	880.25
ENSG00000104881	146.50	204.50
ENSG00000104883	40.50	36.25
ENSG00000104884	454.00	445.50
ENSG00000104885	369.25	407.75
ENSG00000104886	462.00	587.00
ENSG00000104888	23.75	21.25
ENSG00000104889	89.50	69.75
ENSG00000104892	8.75	7.50
ENSG00000104894	37.75	17.25
ENSG00000104897	619.75	547.25
ENSG00000104899	11.25	17.50
ENSG00000104901	5.50	2.50
ENSG00000104903	5.00	7.75
ENSG00000104904	10383.25	10652.75
ENSG00000104907	413.75	433.25
ENSG00000104915	643.75	516.00
ENSG00000104918	0.00	0.00
ENSG00000104921	0.00	0.00
ENSG00000104936	1513.25	2513.00
ENSG00000104938	1.00	2.00
ENSG00000104941	0.25	0.00
ENSG00000104946	1272.75	1235.50
ENSG00000104951	12.25	5.00
ENSG00000104953	10.50	13.25

ENSG00000104957	390.50	426.50
ENSG00000104960	1917.25	1791.00
ENSG00000104964	5147.75	6369.50
ENSG00000104967	5.50	14.50
ENSG00000104969	1060.50	1034.50
ENSG00000104970	2.00	5.50
ENSG00000104972	0.00	0.00
ENSG00000104973	709.50	663.25
ENSG00000104974	0.00	0.25
ENSG00000104976	286.00	355.25
ENSG00000104979	1048.00	966.25
ENSG00000104980	427.00	434.25
ENSG00000104983	113.75	107.00
ENSG00000104998	54.25	40.00
ENSG00000105011	13.50	14.00
ENSG00000105048	21.75	15.00
ENSG00000105053	501.75	473.00
ENSG00000105058	1607.00	1714.00
ENSG00000105063	1680.25	1684.50
ENSG00000105072	261.75	234.75
ENSG00000105085	179.25	161.00
ENSG00000105088	83.50	37.50
ENSG00000105122	1.50	1.75
ENSG00000105127	589.75	649.00
ENSG00000105131	1.25	1.00
ENSG00000105135	820.50	708.50
ENSG00000105136	269.50	206.75
ENSG00000105137	1265.25	1657.75
ENSG00000105141	5.25	4.75
ENSG00000105143	21.50	20.75
ENSG00000105146	40.75	32.75
ENSG00000105171	483.50	437.25
ENSG00000105173	72.00	40.25
ENSG00000105176	1494.25	1256.75
ENSG00000105185	681.50	757.25
ENSG00000105186	493.25	625.00
ENSG00000105193	8797.50	7969.00
ENSG00000105197	675.25	681.50
ENSG00000105198	0.00	0.00
ENSG00000105202	484.50	483.50
ENSG00000105204	263.50	177.00
ENSG00000105205	0.00	0.00
ENSG00000105219	5.50	3.25

ENSG00000105220	3843.00	3528.50
ENSG00000105221	3237.00	2590.50
ENSG00000105223	6716.00	5619.75
ENSG00000105227	254.75	176.50
ENSG00000105229	262.50	272.25
ENSG00000105245	2915.50	2281.50
ENSG00000105246	1.25	1.25
ENSG00000105248	187.00	182.25
ENSG00000105251	0.00	0.00
ENSG00000105254	885.00	961.75
ENSG00000105255	65.75	54.50
ENSG00000105258	240.50	217.25
ENSG00000105261	0.00	0.00
ENSG00000105270	2960.00	2810.00
ENSG00000105278	6.00	3.00
ENSG00000105281	5187.50	6314.00
ENSG00000105287	503.25	428.00
ENSG00000105289	5.75	3.25
ENSG00000105290	115.75	73.00
ENSG00000105298	542.25	547.25
ENSG00000105321	379.00	370.00
ENSG00000105323	5734.75	5056.25
ENSG00000105325	867.25	735.00
ENSG00000105327	406.50	219.25
ENSG00000105329	2220.50	1679.50
ENSG00000105339	505.25	619.75
ENSG00000105341	600.00	605.50
ENSG00000105352	0.00	0.00
ENSG00000105355	2907.00	2811.00
ENSG00000105357	3.50	2.50
ENSG00000105364	540.00	619.25
ENSG00000105366	6.75	5.75
ENSG00000105369	5.75	4.50
ENSG00000105370	0.00	0.00
ENSG00000105371	35.25	38.00
ENSG00000105372	16445.00	15512.50
ENSG00000105373	4027.75	3574.00
ENSG00000105374	0.00	0.25
ENSG00000105376	67.50	96.00
ENSG00000105379	738.75	641.75
ENSG00000105383	1.25	1.00
ENSG00000105388	2.25	1.50
ENSG00000105392	18.75	12.25

ENSG00000105393	1074.75	1028.75
ENSG00000105397	1114.50	1096.00
ENSG00000105398	5.00	3.25
ENSG00000105401	2599.50	2551.00
ENSG00000105402	1864.50	2200.00
ENSG00000105404	1689.75	1988.75
ENSG00000105409	7.25	2.25
ENSG00000105419	786.75	1133.25
ENSG00000105426	3272.25	4035.25
ENSG00000105427	1.25	0.75
ENSG00000105428	0.00	0.00
ENSG00000105429	4330.25	4147.50
ENSG00000105438	3278.25	3035.00
ENSG00000105443	1081.50	944.50
ENSG00000105447	403.75	446.50
ENSG00000105464	13.50	11.50
ENSG00000105467	0.00	0.00
ENSG00000105472	855.75	835.50
ENSG00000105479	10.25	3.25
ENSG00000105483	496.00	377.00
ENSG00000105486	244.25	103.00
ENSG00000105492	0.00	0.00
ENSG00000105497	295.50	241.00
ENSG00000105499	222.50	115.25
ENSG00000105501	0.00	0.50
ENSG00000105507	0.25	0.00
ENSG00000105509	2.75	0.75
ENSG00000105514	266.75	329.50
ENSG00000105516	167.50	48.50
ENSG00000105518	451.00	456.00
ENSG00000105519	210.75	201.25
ENSG00000105520	1046.50	932.50
ENSG00000105523	1.00	3.25
ENSG00000105538	58.00	72.50
ENSG00000105549	0.00	0.00
ENSG00000105550	0.00	0.00
ENSG00000105552	401.50	592.50
ENSG00000105556	349.00	316.50
ENSG00000105559	1515.50	958.25
ENSG00000105568	6227.75	6372.50
ENSG00000105576	2660.25	2532.50
ENSG00000105583	1211.50	1086.00
ENSG00000105605	53.25	51.50

ENSG00000105607	173.50	216.50
ENSG00000105609	2.75	2.25
ENSG00000105610	0.00	0.00
ENSG00000105612	1037.75	994.25
ENSG00000105613	9.00	8.50
ENSG00000105617	2.50	2.25
ENSG00000105618	418.50	382.25
ENSG00000105619	42.50	41.25
ENSG00000105639	79.25	75.00
ENSG00000105640	13016.75	12095.00
ENSG00000105641	4.50	5.50
ENSG00000105642	4.25	3.50
ENSG00000105643	256.75	380.50
ENSG00000105647	2583.25	1785.00
ENSG00000105649	45.25	32.75
ENSG00000105650	92.25	39.50
ENSG00000105655	157.25	96.00
ENSG00000105656	364.00	435.25
ENSG00000105662	805.75	703.50
ENSG00000105664	6.25	8.75
ENSG00000105668	22.00	17.50
ENSG00000105669	1627.75	1527.25
ENSG00000105671	472.00	459.75
ENSG00000105672	12.50	14.00
ENSG00000105675	0.00	0.50
ENSG00000105676	392.00	343.75
ENSG00000105677	918.50	894.75
ENSG00000105679	38.00	52.25
ENSG00000105694	0.00	0.00
ENSG00000105695	0.00	0.00
ENSG00000105696	75.50	82.00
ENSG00000105697	6.00	4.25
ENSG00000105698	1273.75	1223.75
ENSG00000105699	23.25	20.75
ENSG00000105700	1458.25	1453.75
ENSG00000105701	5767.00	5624.75
ENSG00000105705	545.25	493.50
ENSG00000105707	4.25	6.00
ENSG00000105708	107.00	83.00
ENSG00000105711	175.25	61.50
ENSG00000105717	14.50	11.50
ENSG00000105722	615.25	603.50
ENSG00000105723	944.75	940.50

ENSG00000105726	851.50	990.75
ENSG00000105732	304.00	242.25
ENSG00000105737	181.25	117.00
ENSG00000105738	336.00	281.50
ENSG00000105750	32.25	10.75
ENSG00000105755	950.50	619.50
ENSG00000105767	52.50	41.00
ENSG00000105771	740.25	529.00
ENSG00000105778	849.50	866.50
ENSG00000105784	78.25	39.75
ENSG00000105792	234.25	367.25
ENSG00000105793	399.75	352.00
ENSG00000105808	534.75	466.25
ENSG00000105810	1929.00	1158.50
ENSG00000105819	994.50	959.50
ENSG00000105821	452.00	471.25
ENSG00000105825	492.50	490.50
ENSG00000105829	483.00	456.25
ENSG00000105835	1862.25	3254.50
ENSG00000105849	324.75	328.50
ENSG00000105851	0.50	0.25
ENSG00000105852	0.00	0.75
ENSG00000105854	1298.50	1219.50
ENSG00000105855	2360.50	1552.00
ENSG00000105856	2462.50	2170.75
ENSG00000105865	80.50	63.50
ENSG00000105866	153.00	137.50
ENSG00000105875	374.50	363.00
ENSG00000105877	30.00	29.00
ENSG00000105879	476.50	463.75
ENSG00000105880	4.25	3.25
ENSG00000105887	4715.25	4615.75
ENSG00000105889	103.00	146.50
ENSG00000105894	7303.50	4365.00
ENSG00000105926	313.75	226.50
ENSG00000105928	879.75	860.00
ENSG00000105929	0.25	0.25
ENSG00000105939	1547.00	1546.75
ENSG00000105948	190.50	210.50
ENSG00000105953	1229.50	1068.75
ENSG00000105954	0.75	0.25
ENSG00000105963	12.00	41.25
ENSG00000105967	5.00	3.75

ENSG00000105968	1515.75	1330.00
ENSG00000105971	1286.25	1756.00
ENSG00000105974	10504.50	14183.00
ENSG00000105976	788.25	1090.75
ENSG00000105982	45.75	36.50
ENSG00000105983	868.25	736.25
ENSG00000105988	0.00	0.00
ENSG00000105989	617.00	59.00
ENSG00000105991	26.00	27.75
ENSG00000105993	2104.25	2353.50
ENSG00000105996	82.00	44.50
ENSG00000105997	237.75	139.25
ENSG00000106003	30.25	5.00
ENSG00000106004	155.50	127.75
ENSG00000106006	0.75	0.25
ENSG00000106009	498.50	424.50
ENSG00000106012	903.50	725.75
ENSG00000106013	8.50	6.75
ENSG00000106018	4.75	11.00
ENSG00000106025	30.25	29.25
ENSG00000106028	552.00	507.00
ENSG00000106031	0.25	0.25
ENSG00000106034	1658.50	3140.75
ENSG00000106038	0.00	0.00
ENSG00000106049	1597.50	1231.75
ENSG00000106052	3712.25	3381.00
ENSG00000106066	2.75	1.50
ENSG00000106069	15.50	10.25
ENSG00000106070	680.25	862.25
ENSG00000106077	103.00	71.50
ENSG00000106078	1.75	1.75
ENSG00000106080	1300.25	1089.75
ENSG00000106086	387.00	570.25
ENSG00000106089	186.50	168.50
ENSG00000106100	265.25	259.00
ENSG00000106105	3417.00	2589.75
ENSG00000106113	1.25	3.00
ENSG00000106123	517.00	1226.00
ENSG00000106125	168.25	173.25
ENSG00000106128	0.25	0.00
ENSG00000106133	186.50	145.50
ENSG00000106144	427.25	366.75
ENSG00000106153	2090.50	2001.00

ENSG00000106178	1.00	1.50
ENSG00000106211	7600.50	9660.75
ENSG00000106236	1.25	3.50
ENSG00000106244	2125.00	1907.00
ENSG00000106245	857.25	803.50
ENSG00000106246	194.00	163.75
ENSG00000106258	90.25	79.00
ENSG00000106261	3614.50	2683.00
ENSG00000106263	2701.25	2799.50
ENSG00000106266	971.75	854.25
ENSG00000106268	177.00	186.00
ENSG00000106278	3.00	3.75
ENSG00000106290	1244.00	1144.25
ENSG00000106299	1346.75	1565.25
ENSG00000106302	2.00	4.50
ENSG00000106304	0.00	0.00
ENSG00000106305	217.75	236.00
ENSG00000106327	9.75	8.75
ENSG00000106328	0.00	0.25
ENSG00000106330	349.50	282.00
ENSG00000106331	0.00	0.00
ENSG00000106333	11649.00	6811.00
ENSG00000106336	30.00	18.50
ENSG00000106341	0.00	0.00
ENSG00000106344	526.50	599.75
ENSG00000106346	273.75	224.00
ENSG00000106348	778.50	985.75
ENSG00000106351	162.75	142.25
ENSG00000106355	303.75	325.50
ENSG00000106366	5240.00	8622.00
ENSG00000106367	980.00	910.25
ENSG00000106384	10.75	5.50
ENSG00000106392	666.00	561.25
ENSG00000106397	1699.25	1924.50
ENSG00000106399	122.50	106.50
ENSG00000106400	842.00	833.75
ENSG00000106404	176.25	174.00
ENSG00000106410	0.00	0.00
ENSG00000106415	215.50	252.00
ENSG00000106436	1.00	0.75
ENSG00000106443	723.50	542.75
ENSG00000106459	276.50	226.75
ENSG00000106460	1768.50	1534.75

ENSG00000106462	140.00	70.75
ENSG00000106477	256.00	174.00
ENSG00000106479	807.75	714.75
ENSG00000106483	687.50	251.50
ENSG00000106484	1657.75	343.50
ENSG00000106511	6.50	13.00
ENSG00000106524	459.75	253.75
ENSG00000106526	9.25	8.25
ENSG00000106536	1.00	1.00
ENSG00000106537	22.75	16.25
ENSG00000106538	2866.75	1900.50
ENSG00000106540	0.75	0.50
ENSG00000106541	0.00	0.00
ENSG00000106546	2165.00	1710.50
ENSG00000106554	782.00	732.00
ENSG00000106560	10.00	11.25
ENSG00000106565	811.50	815.00
ENSG00000106571	992.25	693.00
ENSG00000106588	954.50	901.00
ENSG00000106591	565.25	600.00
ENSG00000106603	488.50	384.50
ENSG00000106605	495.75	483.50
ENSG00000106608	677.00	625.00
ENSG00000106609	3078.50	3150.00
ENSG00000106610	104.50	77.50
ENSG00000106615	1592.25	2819.75
ENSG00000106617	570.00	1491.00
ENSG00000106624	13329.50	11093.50
ENSG00000106628	1108.25	949.00
ENSG00000106631	0.75	0.25
ENSG00000106633	34.75	25.75
ENSG00000106635	652.25	650.25
ENSG00000106636	2235.75	2104.00
ENSG00000106638	722.50	668.25
ENSG00000106648	0.00	0.00
ENSG00000106665	2236.00	1889.50
ENSG00000106682	6477.50	6148.25
ENSG00000106683	1412.50	1093.50
ENSG00000106686	16.75	12.75
ENSG00000106688	547.50	679.00
ENSG00000106689	0.00	0.00
ENSG00000106692	1327.00	1128.75
ENSG00000106701	129.25	138.25

ENSG00000106714	21.25	15.50
ENSG00000106723	2280.75	1664.00
ENSG00000106733	250.25	244.25
ENSG00000106771	2276.75	2384.00
ENSG00000106772	4509.75	6649.00
ENSG00000106780	1301.50	1448.00
ENSG00000106785	270.50	178.50
ENSG00000106789	16.75	12.50
ENSG00000106799	3949.25	3720.75
ENSG00000106803	846.50	849.25
ENSG00000106804	254.75	226.75
ENSG00000106809	3463.50	1612.50
ENSG00000106819	1961.25	2045.50
ENSG00000106823	1088.00	762.75
ENSG00000106829	975.50	743.75
ENSG00000106852	0.00	0.00
ENSG00000106853	1583.00	1391.75
ENSG00000106868	508.00	537.00
ENSG00000106927	6.25	6.25
ENSG00000106948	760.25	365.50
ENSG00000106952	0.25	0.25
ENSG00000106976	1637.50	418.50
ENSG00000106991	4084.00	2917.25
ENSG00000106992	1464.25	1073.25
ENSG00000106993	356.50	459.50
ENSG00000107014	0.00	0.00
ENSG00000107018	0.00	0.00
ENSG00000107020	210.75	201.75
ENSG00000107021	1083.75	929.75
ENSG00000107036	1755.50	1646.50
ENSG00000107077	447.25	352.50
ENSG00000107099	23.75	25.00
ENSG00000107104	837.75	1744.50
ENSG00000107105	5.75	3.50
ENSG00000107130	1367.75	915.00
ENSG00000107140	707.00	757.75
ENSG00000107147	1.75	2.75
ENSG00000107159	33.75	30.75
ENSG00000107164	1278.00	1156.00
ENSG00000107165	0.00	0.25
ENSG00000107175	1030.00	925.50
ENSG00000107185	1415.25	1288.50
ENSG00000107186	1958.00	1638.00

ENSG00000107187	0.00	0.25
ENSG00000107201	382.75	319.75
ENSG00000107223	2628.75	2366.75
ENSG00000107242	0.50	1.25
ENSG00000107249	706.25	828.50
ENSG00000107262	627.50	591.50
ENSG00000107263	1778.00	2049.25
ENSG00000107281	823.75	849.50
ENSG00000107282	413.25	352.25
ENSG00000107290	3217.25	3149.00
ENSG00000107295	1.00	0.25
ENSG00000107317	5356.00	4144.50
ENSG00000107331	1493.25	1331.25
ENSG00000107338	484.75	236.25
ENSG00000107341	1776.25	1658.50
ENSG00000107362	169.75	218.00
ENSG00000107371	222.75	228.25
ENSG00000107372	4250.25	6042.75
ENSG00000107404	1072.25	1070.25
ENSG00000107438	2355.50	3457.50
ENSG00000107443	133.25	117.25
ENSG00000107447	0.00	0.00
ENSG00000107485	0.50	2.25
ENSG00000107518	21.00	20.75
ENSG00000107521	2042.75	1947.50
ENSG00000107537	767.50	710.00
ENSG00000107551	727.25	608.25
ENSG00000107554	1050.75	879.00
ENSG00000107560	777.25	673.50
ENSG00000107562	46189.75	12050.75
ENSG00000107566	1846.25	1587.50
ENSG00000107581	9010.00	9520.25
ENSG00000107593	0.25	0.75
ENSG00000107611	77.50	21.75
ENSG00000107614	140.50	93.50
ENSG00000107625	982.00	876.00
ENSG00000107643	546.00	491.00
ENSG00000107651	1327.75	1394.75
ENSG00000107669	676.50	543.25
ENSG00000107672	177.00	200.25
ENSG00000107679	648.00	774.50
ENSG00000107719	21.00	26.25
ENSG00000107731	792.75	355.00

ENSG00000107736	10.25	8.50
ENSG00000107738	4513.75	4902.00
ENSG00000107742	9.50	5.75
ENSG00000107745	1805.00	1584.75
ENSG00000107758	1637.00	1600.00
ENSG00000107771	1385.50	1149.50
ENSG00000107779	1068.50	1060.75
ENSG00000107789	597.00	625.00
ENSG00000107796	4016.50	7726.25
ENSG00000107798	1305.00	1274.75
ENSG00000107807	0.00	0.50
ENSG00000107815	129.75	138.00
ENSG00000107816	2959.50	3122.00
ENSG00000107819	1984.00	2084.00
ENSG00000107821	679.75	284.75
ENSG00000107829	501.25	534.75
ENSG00000107831	0.75	0.75
ENSG00000107833	258.75	196.00
ENSG00000107854	2701.75	2094.75
ENSG00000107859	2.00	3.25
ENSG00000107862	2796.50	2392.50
ENSG00000107863	5453.50	5037.75
ENSG00000107864	45.25	40.50
ENSG00000107872	131.50	137.25
ENSG00000107874	919.25	870.00
ENSG00000107882	937.00	612.75
ENSG00000107890	368.75	270.50
ENSG00000107897	780.00	678.25
ENSG00000107902	275.00	205.25
ENSG00000107929	1093.75	1474.00
ENSG00000107937	744.75	1003.25
ENSG00000107938	376.50	379.75
ENSG00000107949	486.75	501.75
ENSG00000107951	274.50	307.75
ENSG00000107954	10.25	12.00
ENSG00000107957	8710.75	9446.50
ENSG00000107959	1703.25	1725.00
ENSG00000107960	290.00	240.25
ENSG00000107968	363.50	672.50
ENSG00000107984	463.25	519.75
ENSG00000108001	243.75	137.50
ENSG00000108010	706.25	691.25
ENSG00000108018	0.00	0.25

ENSG00000108021	1472.25	1298.25
ENSG00000108039	1245.25	1254.00
ENSG00000108055	1578.25	1472.00
ENSG00000108061	1249.75	1351.00
ENSG00000108064	444.00	384.75
ENSG00000108091	1539.50	1493.00
ENSG00000108094	890.25	824.25
ENSG00000108100	2032.00	1918.00
ENSG00000108106	269.75	273.25
ENSG00000108107	11220.50	9361.75
ENSG00000108175	4336.75	3184.75
ENSG00000108176	24.50	13.00
ENSG00000108179	575.75	632.00
ENSG00000108187	203.50	197.00
ENSG00000108219	935.25	772.50
ENSG00000108231	46.75	14.25
ENSG00000108239	733.50	695.50
ENSG00000108242	0.25	1.50
ENSG00000108244	0.25	0.00
ENSG00000108255	1.00	0.25
ENSG00000108256	2648.25	2622.00
ENSG00000108262	1046.50	1391.50
ENSG00000108298	19813.00	17337.50
ENSG00000108306	634.25	471.75
ENSG00000108309	18.25	26.00
ENSG00000108312	2643.00	2162.50
ENSG00000108342	0.50	0.50
ENSG00000108344	1906.50	1740.00
ENSG00000108349	2164.00	1869.75
ENSG00000108352	77.50	42.00
ENSG00000108370	39.75	28.75
ENSG00000108375	24.50	13.75
ENSG00000108379	39.00	4.75
ENSG00000108381	333.50	340.00
ENSG00000108384	189.25	160.25
ENSG00000108387	15.50	41.25
ENSG00000108389	946.75	979.25
ENSG00000108395	992.50	802.25
ENSG00000108405	0.50	0.50
ENSG00000108406	1662.25	1553.25
ENSG00000108417	0.00	0.00
ENSG00000108423	66.75	47.00
ENSG00000108424	5452.25	5745.00

ENSG00000108433	729.25	648.25
ENSG00000108439	329.50	302.00
ENSG00000108442	0.00	0.00
ENSG00000108443	856.50	777.25
ENSG00000108448	197.50	127.25
ENSG00000108452	0.75	0.00
ENSG00000108465	1516.25	1521.00
ENSG00000108468	1824.25	1190.50
ENSG00000108469	414.50	354.75
ENSG00000108474	191.25	171.50
ENSG00000108479	192.50	210.00
ENSG00000108506	262.00	275.75
ENSG00000108509	1290.75	1032.00
ENSG00000108510	1656.00	1913.75
ENSG00000108511	100.00	101.25
ENSG00000108515	78.00	90.75
ENSG00000108516	0.00	0.00
ENSG00000108518	6067.75	7118.25
ENSG00000108523	1294.00	1359.25
ENSG00000108528	616.75	532.75
ENSG00000108551	36.00	128.25
ENSG00000108556	13.00	12.75
ENSG00000108557	911.25	754.25
ENSG00000108559	433.00	414.50
ENSG00000108561	638.75	650.75
ENSG00000108576	4.75	2.75
ENSG00000108578	444.50	361.00
ENSG00000108582	7075.75	8875.50
ENSG00000108587	920.25	714.75
ENSG00000108588	1579.25	1692.00
ENSG00000108590	154.25	147.75
ENSG00000108591	554.00	578.50
ENSG00000108592	1265.75	1414.75
ENSG00000108599	757.25	707.75
ENSG00000108602	18.25	3.25
ENSG00000108604	1357.75	2932.25
ENSG00000108622	19.25	11.75
ENSG00000108639	305.25	454.50
ENSG00000108641	223.75	143.25
ENSG00000108651	602.50	628.75
ENSG00000108654	15216.25	15373.75
ENSG00000108666	201.75	179.00
ENSG00000108669	396.50	294.00

ENSG00000108671	1083.50	1047.50
ENSG00000108679	4112.25	3524.00
ENSG00000108684	14.00	3.50
ENSG00000108688	24.25	6.00
ENSG00000108691	1147.25	1105.25
ENSG00000108700	31.50	2.50
ENSG00000108702	0.25	0.00
ENSG00000108733	289.25	215.50
ENSG00000108759	0.50	0.25
ENSG00000108771	290.50	284.00
ENSG00000108773	634.00	599.25
ENSG00000108774	3409.00	3453.00
ENSG00000108784	1606.75	1677.25
ENSG00000108785	31.00	26.25
ENSG00000108786	450.25	420.50
ENSG00000108788	638.00	706.50
ENSG00000108797	2446.25	1433.00
ENSG00000108798	1.00	0.50
ENSG00000108799	1235.25	1461.00
ENSG00000108813	2.25	4.00
ENSG00000108819	2094.25	1679.50
ENSG00000108821	155987.25	60447.25
ENSG00000108823	9.25	8.00
ENSG00000108825	5.25	5.00
ENSG00000108826	400.00	322.00
ENSG00000108828	16029.50	9462.75
ENSG00000108829	1825.00	2436.25
ENSG00000108830	366.00	80.00
ENSG00000108839	72.50	50.50
ENSG00000108840	2475.50	3143.25
ENSG00000108846	304.75	589.50
ENSG00000108848	3319.00	2970.00
ENSG00000108849	0.00	0.25
ENSG00000108852	173.00	102.25
ENSG00000108854	3905.75	2827.25
ENSG00000108861	1901.75	2503.00
ENSG00000108878	0.00	0.00
ENSG00000108883	1151.00	1072.00
ENSG00000108924	30.75	79.00
ENSG00000108932	38.50	104.50
ENSG00000108946	9736.50	9988.00
ENSG00000108947	105.75	77.25
ENSG00000108950	768.75	1441.50

ENSG00000108953	3338.00	3272.50
ENSG00000108958	0.00	0.00
ENSG00000108960	912.25	2507.00
ENSG00000108961	260.50	266.50
ENSG00000108963	620.75	595.25
ENSG00000108984	105.25	68.75
ENSG00000109016	297.25	387.75
ENSG00000109046	3958.75	4863.25
ENSG00000109047	3.50	1.75
ENSG00000109061	0.00	1.00
ENSG00000109062	247.25	267.00
ENSG00000109063	33.50	45.50
ENSG00000109065	540.25	517.50
ENSG00000109066	518.75	568.50
ENSG00000109072	26.25	16.75
ENSG00000109079	1096.50	1181.00
ENSG00000109083	506.25	450.25
ENSG00000109084	168.00	225.25
ENSG00000109089	609.00	624.25
ENSG00000109099	8183.25	6349.25
ENSG00000109101	0.00	0.25
ENSG00000109103	497.75	387.00
ENSG00000109107	493.50	371.75
ENSG00000109111	4281.00	3992.00
ENSG00000109113	2403.25	2142.75
ENSG00000109118	915.50	784.25
ENSG00000109132	0.00	0.00
ENSG00000109133	770.50	759.75
ENSG00000109158	0.50	0.75
ENSG00000109163	6.25	3.00
ENSG00000109171	1038.00	1042.25
ENSG00000109180	1951.00	1769.00
ENSG00000109181	0.00	0.00
ENSG00000109182	0.00	0.00
ENSG00000109184	1145.75	1301.50
ENSG00000109189	552.25	824.00
ENSG00000109193	1.50	1.50
ENSG00000109205	0.00	0.00
ENSG00000109208	0.00	0.00
ENSG00000109220	238.75	284.00
ENSG00000109255	0.00	0.00
ENSG00000109265	127.25	39.25
ENSG00000109270	644.50	652.50

ENSG00000109272	1.75	0.75
ENSG00000109320	1248.75	952.75
ENSG00000109321	4.00	2.00
ENSG00000109323	2025.75	1496.00
ENSG00000109332	5718.75	5626.25
ENSG00000109339	1024.00	539.50
ENSG00000109381	837.50	734.00
ENSG00000109390	417.50	380.00
ENSG00000109424	0.25	0.00
ENSG00000109436	950.50	829.00
ENSG00000109445	634.00	633.75
ENSG00000109452	262.75	288.25
ENSG00000109458	1075.25	782.00
ENSG00000109466	411.75	342.00
ENSG00000109471	0.00	0.00
ENSG00000109472	10186.25	7289.25
ENSG00000109475	5870.75	5592.25
ENSG00000109501	1736.75	2269.75
ENSG00000109511	2.00	0.25
ENSG00000109519	315.50	376.25
ENSG00000109534	142.25	128.75
ENSG00000109536	206.50	178.50
ENSG00000109572	2164.25	1478.50
ENSG00000109576	163.00	113.50
ENSG00000109586	454.75	485.00
ENSG00000109606	2532.50	2550.50
ENSG00000109610	4927.00	4141.50
ENSG00000109618	282.00	199.00
ENSG00000109625	1619.00	924.00
ENSG00000109654	1819.50	915.00
ENSG00000109667	128.50	146.00
ENSG00000109670	466.75	355.00
ENSG00000109674	76.50	25.75
ENSG00000109680	855.00	401.25
ENSG00000109684	8.50	14.00
ENSG00000109685	1027.00	725.00
ENSG00000109686	4855.75	7261.50
ENSG00000109689	1653.25	739.00
ENSG00000109705	9.00	6.75
ENSG00000109736	924.50	1248.00
ENSG00000109738	432.00	296.00
ENSG00000109743	406.25	444.00
ENSG00000109756	1601.00	1591.25

ENSG00000109758	3.75	4.00
ENSG00000109762	412.25	501.25
ENSG00000109771	48.25	31.50
ENSG00000109775	464.75	301.00
ENSG00000109787	1657.25	1326.25
ENSG00000109790	1732.25	1586.25
ENSG00000109794	155.75	72.25
ENSG00000109805	97.75	64.75
ENSG00000109814	1769.50	1927.25
ENSG00000109819	177.25	155.50
ENSG00000109832	7.25	6.25
ENSG00000109846	1575.25	2036.00
ENSG00000109851	0.00	0.50
ENSG00000109854	526.00	532.25
ENSG00000109861	2969.50	5599.75
ENSG00000109881	100.25	42.75
ENSG00000109906	14.75	808.75
ENSG00000109911	164.00	124.50
ENSG00000109917	467.00	532.50
ENSG00000109919	1185.00	1369.25
ENSG00000109920	1352.25	1286.00
ENSG00000109927	40.50	36.00
ENSG00000109929	473.75	436.25
ENSG00000109943	2.00	1.50
ENSG00000109944	157.50	135.25
ENSG00000109956	3.00	2.75
ENSG00000109971	23940.75	18043.25
ENSG00000109991	1.25	1.75
ENSG00000110002	1191.25	810.75
ENSG00000110011	485.25	377.25
ENSG00000110013	1835.00	1693.00
ENSG00000110025	327.25	350.75
ENSG00000110031	136.50	87.75
ENSG00000110042	731.75	842.75
ENSG00000110046	783.00	827.25
ENSG00000110047	1950.50	2232.25
ENSG00000110048	1782.50	1463.75
ENSG00000110057	286.00	408.25
ENSG00000110060	186.25	131.50
ENSG00000110063	276.00	211.50
ENSG00000110066	618.25	586.25
ENSG00000110074	278.25	224.50
ENSG00000110075	1470.25	1478.25

ENSG00000110076	5.75	4.00
ENSG00000110077	3.25	1.00
ENSG00000110079	0.00	0.00
ENSG00000110080	720.50	644.25
ENSG00000110090	1844.00	2788.75
ENSG00000110092	15923.00	14958.75
ENSG00000110104	311.00	382.25
ENSG00000110107	1484.00	1236.50
ENSG00000110108	1999.50	2348.75
ENSG00000110148	0.50	0.25
ENSG00000110169	25.00	23.50
ENSG00000110171	398.00	404.00
ENSG00000110172	567.75	569.50
ENSG00000110195	9.00	6.25
ENSG00000110200	293.00	282.75
ENSG00000110203	30.00	10.00
ENSG00000110218	678.75	812.50
ENSG00000110237	2602.50	3062.00
ENSG00000110243	1.00	0.25
ENSG00000110244	0.00	0.00
ENSG00000110245	0.00	0.00
ENSG00000110274	911.00	812.25
ENSG00000110315	1428.00	1653.75
ENSG00000110318	520.75	454.25
ENSG00000110321	31162.00	27495.25
ENSG00000110324	1.00	0.00
ENSG00000110328	73.50	51.50
ENSG00000110330	1483.50	1375.25
ENSG00000110344	1756.75	1644.75
ENSG00000110367	3294.50	3126.00
ENSG00000110375	3.75	1.00
ENSG00000110395	851.25	1006.75
ENSG00000110400	218.50	103.00
ENSG00000110422	2248.00	3058.00
ENSG00000110427	190.00	152.25
ENSG00000110429	742.00	672.50
ENSG00000110435	560.75	448.75
ENSG00000110436	313.50	231.75
ENSG00000110442	553.25	371.25
ENSG00000110446	325.25	349.75
ENSG00000110448	0.00	0.25
ENSG00000110455	476.75	411.75
ENSG00000110484	0.00	0.00

ENSG00000110492	1950.25	1304.25
ENSG00000110497	695.75	690.00
ENSG00000110514	782.25	658.75
ENSG00000110536	434.50	426.00
ENSG00000110583	501.25	344.50
ENSG00000110619	839.00	793.00
ENSG00000110628	115.50	160.50
ENSG00000110651	17755.75	15984.00
ENSG00000110660	49.00	60.25
ENSG00000110665	1.00	1.25
ENSG00000110675	3.00	7.50
ENSG00000110680	0.50	0.25
ENSG00000110693	12.75	10.75
ENSG00000110696	2916.25	2729.75
ENSG00000110697	671.00	764.00
ENSG00000110700	6094.75	5528.75
ENSG00000110711	680.00	652.25
ENSG00000110713	2308.00	2612.50
ENSG00000110717	533.50	472.50
ENSG00000110719	912.75	1150.75
ENSG00000110721	157.50	191.00
ENSG00000110723	379.25	387.00
ENSG00000110756	560.00	1408.50
ENSG00000110768	1269.50	1501.50
ENSG00000110777	21.50	21.50
ENSG00000110786	0.25	1.25
ENSG00000110799	27.75	18.75
ENSG00000110801	740.25	771.25
ENSG00000110811	1772.50	1316.75
ENSG00000110841	1982.25	1419.50
ENSG00000110844	353.00	270.00
ENSG00000110848	0.00	0.00
ENSG00000110851	728.75	711.25
ENSG00000110852	190.75	186.75
ENSG00000110871	425.25	341.25
ENSG00000110876	105.25	66.50
ENSG00000110880	7673.00	8512.75
ENSG00000110881	344.00	204.50
ENSG00000110887	0.00	0.25
ENSG00000110888	755.50	607.50
ENSG00000110900	421.25	139.75
ENSG00000110906	2663.75	3287.25
ENSG00000110911	979.75	1125.75

ENSG00000110917	5391.75	5376.00
ENSG00000110921	118.00	69.50
ENSG00000110925	599.75	538.75
ENSG00000110931	1149.75	1249.00
ENSG00000110934	1.00	1.00
ENSG00000110944	13.75	17.00
ENSG00000110955	6613.00	6756.50
ENSG00000110958	2952.00	2703.00
ENSG00000110975	1.25	0.00
ENSG00000110987	125.25	161.25
ENSG00000111011	1350.75	1190.25
ENSG00000111012	4.25	5.75
ENSG00000111046	0.50	0.25
ENSG00000111049	0.00	0.00
ENSG00000111052	474.75	483.50
ENSG00000111057	40.25	83.25
ENSG00000111058	796.75	792.25
ENSG00000111077	3731.75	4227.25
ENSG00000111087	26.50	11.75
ENSG00000111110	31.00	11.75
ENSG00000111142	1960.75	1603.25
ENSG00000111144	1715.75	1368.00
ENSG00000111145	1922.50	1910.50
ENSG00000111181	6.25	5.00
ENSG00000111186	1315.25	1210.00
ENSG00000111196	160.00	126.75
ENSG00000111199	136.00	183.00
ENSG00000111203	364.75	256.50
ENSG00000111206	255.75	146.00
ENSG00000111215	14.75	13.75
ENSG00000111218	2.50	1.25
ENSG00000111224	305.25	213.25
ENSG00000111229	2348.25	2664.25
ENSG00000111231	202.50	301.75
ENSG00000111237	853.75	861.25
ENSG00000111241	0.00	0.00
ENSG00000111245	0.00	0.00
ENSG00000111247	33.00	17.75
ENSG00000111249	0.00	0.00
ENSG00000111252	1107.50	1190.00
ENSG00000111254	26.25	20.50
ENSG00000111261	442.00	349.75
ENSG00000111262	1.75	1.00

ENSG00000111266	325.50	253.75
ENSG00000111269	1929.75	2015.75
ENSG00000111271	599.00	507.50
ENSG00000111275	2634.50	3072.25
ENSG00000111276	1070.25	929.00
ENSG00000111291	1.50	2.00
ENSG00000111300	469.50	416.50
ENSG00000111305	37.75	38.50
ENSG00000111319	11.25	11.00
ENSG00000111321	3132.75	3303.00
ENSG00000111325	262.25	199.75
ENSG00000111328	2897.75	2597.50
ENSG00000111331	268.25	154.25
ENSG00000111335	119.50	53.75
ENSG00000111339	1.00	2.50
ENSG00000111341	2774.25	3919.00
ENSG00000111344	1.75	4.50
ENSG00000111348	18.00	38.00
ENSG00000111358	498.00	518.75
ENSG00000111361	837.75	792.75
ENSG00000111364	314.75	280.50
ENSG00000111371	2002.00	3036.00
ENSG00000111404	0.50	0.75
ENSG00000111405	7.50	7.25
ENSG00000111412	834.00	925.75
ENSG00000111424	1099.25	923.75
ENSG00000111432	0.25	0.00
ENSG00000111445	156.50	125.25
ENSG00000111450	964.25	1329.50
ENSG00000111452	7153.50	9975.50
ENSG00000111481	2403.50	1865.00
ENSG00000111490	26.00	9.25
ENSG00000111530	3275.25	3031.00
ENSG00000111536	0.50	0.00
ENSG00000111537	0.00	0.00
ENSG00000111540	3802.00	3993.00
ENSG00000111554	226.75	174.50
ENSG00000111581	596.25	528.50
ENSG00000111596	1152.50	964.75
ENSG00000111602	228.25	153.25
ENSG00000111605	1327.00	1255.00
ENSG00000111615	1023.25	748.50
ENSG00000111639	1091.25	1055.75

ENSG00000111640	52546.00	45415.50
ENSG00000111641	369.75	446.50
ENSG00000111642	6420.25	4481.00
ENSG00000111644	7.25	5.25
ENSG00000111647	802.25	649.50
ENSG00000111652	1927.75	1831.50
ENSG00000111653	604.75	423.75
ENSG00000111664	58.50	44.25
ENSG00000111665	57.00	40.00
ENSG00000111666	1068.25	1090.50
ENSG00000111667	1960.75	1414.75
ENSG00000111669	7643.25	8420.00
ENSG00000111670	3811.25	2766.00
ENSG00000111671	147.25	98.50
ENSG00000111674	1395.25	1166.75
ENSG00000111676	5100.00	5134.25
ENSG00000111678	930.25	918.25
ENSG00000111679	2.75	1.50
ENSG00000111684	864.25	1078.25
ENSG00000111696	241.50	351.25
ENSG00000111700	0.00	0.00
ENSG00000111701	0.00	0.00
ENSG00000111704	16.75	7.00
ENSG00000111707	826.25	709.50
ENSG00000111711	851.75	807.75
ENSG00000111713	0.75	1.50
ENSG00000111716	6026.25	5855.00
ENSG00000111725	529.50	542.50
ENSG00000111726	509.75	552.50
ENSG00000111727	899.25	755.25
ENSG00000111728	314.50	106.25
ENSG00000111729	10.25	5.25
ENSG00000111731	818.50	677.75
ENSG00000111732	5.75	7.25
ENSG00000111737	1073.25	1207.75
ENSG00000111752	1086.75	701.00
ENSG00000111775	1483.25	1417.75
ENSG00000111780	5.50	2.75
ENSG00000111783	1.00	1.00
ENSG00000111785	299.00	295.00
ENSG00000111786	1366.50	1460.50
ENSG00000111788	27.50	20.50
ENSG00000111790	653.25	556.75

ENSG00000111796	0.50	0.25
ENSG00000111799	51185.75	39750.50
ENSG00000111801	982.50	512.25
ENSG00000111802	754.00	734.00
ENSG00000111816	350.25	253.00
ENSG00000111817	4577.75	4725.50
ENSG00000111832	913.75	857.00
ENSG00000111834	9.50	4.00
ENSG00000111837	8.25	6.25
ENSG00000111843	1518.50	1570.00
ENSG00000111845	218.50	183.50
ENSG00000111846	33.75	63.25
ENSG00000111850	137.25	103.75
ENSG00000111859	999.50	2824.50
ENSG00000111860	446.25	384.50
ENSG00000111863	9.75	8.00
ENSG00000111875	316.75	263.75
ENSG00000111877	195.75	155.25
ENSG00000111879	11.00	10.50
ENSG00000111880	318.00	341.00
ENSG00000111885	4447.75	6896.50
ENSG00000111886	3.50	5.50
ENSG00000111897	10415.75	11278.00
ENSG00000111906	701.00	632.75
ENSG00000111907	304.50	198.00
ENSG00000111911	483.50	317.25
ENSG00000111912	1244.75	1503.75
ENSG00000111913	108.25	65.25
ENSG00000111961	3337.50	3353.25
ENSG00000111962	738.00	801.50
ENSG00000111971	3.25	2.00
ENSG00000111981	85.00	59.25
ENSG00000112029	107.75	78.50
ENSG00000112031	565.25	617.50
ENSG00000112033	1054.25	1149.75
ENSG00000112038	4.25	5.25
ENSG00000112039	119.25	134.50
ENSG00000112041	3.75	4.00
ENSG00000112053	7.25	13.00
ENSG00000112062	1267.75	1354.75
ENSG00000112077	0.00	0.00
ENSG00000112078	2098.25	2841.25
ENSG00000112079	1407.50	1416.00

ENSG00000112081	2008.75	2231.50
ENSG00000112096	13908.50	17019.75
ENSG00000112110	634.50	599.00
ENSG00000112115	0.00	0.00
ENSG00000112116	0.00	0.00
ENSG00000112118	598.75	529.00
ENSG00000112130	376.25	406.00
ENSG00000112137	53.50	30.50
ENSG00000112139	1333.25	908.00
ENSG00000112144	714.50	682.75
ENSG00000112146	1368.75	1418.75
ENSG00000112149	120.00	66.25
ENSG00000112159	1389.25	1439.25
ENSG00000112164	0.00	0.50
ENSG00000112167	281.50	271.75
ENSG00000112175	0.25	0.25
ENSG00000112182	117.25	119.75
ENSG00000112183	51.25	27.00
ENSG00000112186	412.75	319.50
ENSG00000112195	0.25	0.50
ENSG00000112200	936.25	755.00
ENSG00000112208	2149.00	1662.25
ENSG00000112210	2324.50	2057.75
ENSG00000112212	0.75	0.25
ENSG00000112214	0.00	0.75
ENSG00000112218	37.25	89.75
ENSG00000112232	0.25	0.00
ENSG00000112234	627.50	655.50
ENSG00000112237	623.75	661.25
ENSG00000112238	0.00	0.00
ENSG00000112242	353.25	348.00
ENSG00000112245	1783.75	1868.50
ENSG00000112246	1.50	3.75
ENSG00000112249	2353.75	1962.00
ENSG00000112273	0.00	0.00
ENSG00000112276	381.75	510.00
ENSG00000112280	1.00	2.25
ENSG00000112282	904.50	819.75
ENSG00000112290	550.25	734.25
ENSG00000112293	14.25	10.75
ENSG00000112294	16.25	13.75
ENSG00000112297	290.50	399.00
ENSG00000112299	21.00	14.00

ENSG00000112303	5.50	5.00
ENSG00000112304	580.50	409.75
ENSG00000112305	808.75	661.25
ENSG00000112306	14939.50	13494.00
ENSG00000112308	2804.50	2264.50
ENSG00000112309	5.50	5.25
ENSG00000112312	128.25	119.25
ENSG00000112319	789.75	538.25
ENSG00000112320	449.50	195.50
ENSG00000112333	2.25	1.25
ENSG00000112335	3807.00	3571.75
ENSG00000112337	0.00	0.50
ENSG00000112339	1254.00	1043.50
ENSG00000112343	1380.75	1532.75
ENSG00000112357	111.25	91.25
ENSG00000112365	233.75	239.75
ENSG00000112367	561.25	458.00
ENSG00000112378	7091.25	6380.75
ENSG00000112379	10.25	10.75
ENSG00000112394	19.75	21.75
ENSG00000112406	895.75	924.25
ENSG00000112414	627.00	938.00
ENSG00000112419	1677.00	2037.50
ENSG00000112425	124.25	109.50
ENSG00000112459	0.00	0.00
ENSG00000112461	0.00	0.00
ENSG00000112462	0.00	0.00
ENSG00000112473	606.25	476.25
ENSG00000112474	12.75	9.75
ENSG00000112486	1.00	1.25
ENSG00000112493	398.75	360.75
ENSG00000112494	0.00	0.00
ENSG00000112499	0.25	1.25
ENSG00000112511	37.75	40.00
ENSG00000112514	1328.00	1045.00
ENSG00000112530	4.00	3.00
ENSG00000112531	3163.00	3166.00
ENSG00000112539	0.00	0.00
ENSG00000112541	19.25	22.50
ENSG00000112559	5.00	0.75
ENSG00000112561	121.50	62.00
ENSG00000112562	5.50	2.25
ENSG00000112576	444.25	843.00

ENSG00000112578	187.00	174.00
ENSG00000112584	590.25	553.00
ENSG00000112592	226.50	224.00
ENSG00000112599	8.50	5.75
ENSG00000112619	182.50	121.50
ENSG00000112624	567.50	476.00
ENSG00000112640	1269.25	1172.50
ENSG00000112651	252.25	233.50
ENSG00000112655	8586.50	7597.50
ENSG00000112658	961.75	1761.00
ENSG00000112659	797.00	642.00
ENSG00000112667	181.00	162.50
ENSG00000112679	678.50	826.25
ENSG00000112685	952.00	897.75
ENSG00000112695	662.25	669.00
ENSG00000112697	6826.00	6012.75
ENSG00000112699	427.50	267.25
ENSG00000112701	1811.00	1535.25
ENSG00000112706	11.00	13.25
ENSG00000112715	2873.00	1359.00
ENSG00000112739	1731.25	1685.25
ENSG00000112742	22.75	15.75
ENSG00000112759	766.25	613.50
ENSG00000112761	5.50	3.25
ENSG00000112763	566.25	554.00
ENSG00000112769	21356.75	17842.00
ENSG00000112773	792.50	317.00
ENSG00000112782	0.00	0.00
ENSG00000112787	420.75	610.25
ENSG00000112796	66.25	39.25
ENSG00000112799	0.00	0.00
ENSG00000112812	2.50	2.00
ENSG00000112818	0.00	0.00
ENSG00000112837	4301.00	1322.75
ENSG00000112851	2590.75	2970.25
ENSG00000112852	170.75	151.25
ENSG00000112855	542.25	502.25
ENSG00000112874	334.75	305.50
ENSG00000112877	27.75	13.00
ENSG00000112893	2112.75	1989.25
ENSG00000112902	5385.75	4566.75
ENSG00000112936	404.50	3740.25
ENSG00000112941	539.25	472.00

ENSG00000112964	122.00	105.75
ENSG00000112972	386.75	270.50
ENSG00000112977	4406.00	3658.50
ENSG00000112981	42.75	34.25
ENSG00000112983	1507.75	1280.50
ENSG00000112984	50.00	35.25
ENSG00000112992	1965.00	1660.50
ENSG00000112996	544.50	459.50
ENSG00000113013	3548.50	2873.25
ENSG00000113048	1206.50	1031.50
ENSG00000113068	862.00	783.25
ENSG00000113070	15.00	8.50
ENSG00000113073	1.25	0.00
ENSG00000113083	13018.00	15832.75
ENSG00000113088	0.00	0.00
ENSG00000113100	1.00	0.25
ENSG00000113108	365.50	341.75
ENSG00000113119	130.25	163.00
ENSG00000113140	40058.25	24768.25
ENSG00000113141	2088.75	1959.50
ENSG00000113161	419.00	374.25
ENSG00000113163	1627.25	1839.75
ENSG00000113194	1724.00	1642.00
ENSG00000113196	0.00	0.25
ENSG00000113205	24.75	31.75
ENSG00000113209	39.50	20.25
ENSG00000113211	16.00	17.25
ENSG00000113212	75.25	45.50
ENSG00000113231	46.25	40.50
ENSG00000113240	653.25	643.50
ENSG00000113248	28.00	19.50
ENSG00000113249	2.00	0.00
ENSG00000113262	10.00	6.50
ENSG00000113263	22.50	13.00
ENSG00000113269	1348.00	1182.75
ENSG00000113272	279.50	201.75
ENSG00000113273	1770.75	1791.50
ENSG00000113282	1698.75	1642.75
ENSG00000113296	48.25	35.75
ENSG00000113300	685.50	589.00
ENSG00000113302	3.25	3.50
ENSG00000113303	0.75	0.25
ENSG00000113312	723.50	686.75

ENSG00000113318	444.50	367.50
ENSG00000113319	611.25	385.25
ENSG00000113327	0.00	1.00
ENSG00000113328	5819.75	4571.75
ENSG00000113356	185.00	134.75
ENSG00000113360	1242.00	1247.50
ENSG00000113361	3564.00	1305.50
ENSG00000113368	74.00	33.00
ENSG00000113369	1239.25	866.75
ENSG00000113384	2883.50	3161.75
ENSG00000113387	2600.75	2063.50
ENSG00000113389	3312.75	6422.50
ENSG00000113391	1063.00	1079.25
ENSG00000113396	6.25	18.00
ENSG00000113407	1714.25	1282.50
ENSG00000113430	0.00	0.75
ENSG00000113441	1147.75	1531.50
ENSG00000113448	333.75	569.75
ENSG00000113456	818.50	1297.50
ENSG00000113460	375.25	660.75
ENSG00000113492	0.00	0.00
ENSG00000113494	6.00	4.75
ENSG00000113504	296.25	280.75
ENSG00000113520	0.50	0.75
ENSG00000113522	2009.50	1898.50
ENSG00000113525	2.75	0.25
ENSG00000113532	4.50	5.75
ENSG00000113552	2063.25	1224.25
ENSG00000113555	42.00	28.50
ENSG00000113558	5470.25	4920.50
ENSG00000113569	494.25	456.50
ENSG00000113575	1891.25	1741.75
ENSG00000113578	137.50	249.25
ENSG00000113580	3951.50	1868.00
ENSG00000113583	1684.75	1534.50
ENSG00000113593	673.25	545.00
ENSG00000113594	699.50	691.00
ENSG00000113595	454.25	440.00
ENSG00000113597	355.50	230.75
ENSG00000113600	3.50	3.75
ENSG00000113615	1063.75	1093.75
ENSG00000113621	1270.25	1292.00
ENSG00000113638	217.75	155.50

ENSG00000113643	1538.25	1298.25
ENSG00000113645	103.00	185.25
ENSG00000113648	2146.25	2163.25
ENSG00000113649	940.00	824.50
ENSG00000113657	6127.25	3786.25
ENSG00000113658	2233.25	1901.50
ENSG00000113712	6390.50	5998.00
ENSG00000113716	1159.00	1055.25
ENSG00000113719	5455.00	8463.25
ENSG00000113721	18974.25	22698.75
ENSG00000113722	16.75	11.50
ENSG00000113732	3301.50	3780.25
ENSG00000113734	148.25	114.75
ENSG00000113739	11021.25	22195.50
ENSG00000113742	631.00	611.25
ENSG00000113749	2.50	0.75
ENSG00000113758	4068.25	3389.25
ENSG00000113761	282.50	276.50
ENSG00000113763	0.00	0.75
ENSG00000113790	158.00	163.50
ENSG00000113805	572.00	506.50
ENSG00000113810	1259.50	797.25
ENSG00000113811	364.00	404.00
ENSG00000113812	735.25	567.00
ENSG00000113838	171.50	161.00
ENSG00000113845	1135.75	1135.25
ENSG00000113851	740.25	729.00
ENSG00000113889	0.50	0.25
ENSG00000113905	7.50	7.00
ENSG00000113916	1442.25	2307.25
ENSG00000113924	2.00	1.75
ENSG00000113946	0.50	1.50
ENSG00000113966	207.00	163.00
ENSG00000113971	867.00	784.25
ENSG00000114013	0.00	0.00
ENSG00000114019	2827.75	4792.50
ENSG00000114021	634.25	793.75
ENSG00000114023	852.75	675.50
ENSG00000114026	422.50	357.00
ENSG00000114030	1509.75	1416.25
ENSG00000114054	453.50	337.50
ENSG00000114062	1568.50	1551.25
ENSG00000114098	686.75	1310.75

ENSG00000114107	242.25	235.50
ENSG00000114113	1.00	0.75
ENSG00000114115	31.25	13.75
ENSG00000114120	2144.00	2169.50
ENSG00000114124	2.00	2.00
ENSG00000114125	717.00	752.25
ENSG00000114126	1679.75	1223.50
ENSG00000114127	1745.00	1625.50
ENSG00000114166	728.25	622.50
ENSG00000114200	73.75	41.50
ENSG00000114204	0.00	0.00
ENSG00000114209	455.00	505.50
ENSG00000114248	0.25	0.25
ENSG00000114251	5663.25	4834.75
ENSG00000114268	150.50	124.50
ENSG00000114270	999.75	2216.75
ENSG00000114279	3.50	2.75
ENSG00000114302	1313.00	1133.50
ENSG00000114315	1.25	0.00
ENSG00000114316	1409.75	1452.75
ENSG00000114331	2472.50	1878.25
ENSG00000114346	426.75	372.25
ENSG00000114349	0.00	0.00
ENSG00000114353	7379.50	6613.50
ENSG00000114354	2178.75	2128.25
ENSG00000114374	1142.75	991.25
ENSG00000114378	19.75	15.75
ENSG00000114383	324.25	366.00
ENSG00000114388	299.00	216.00
ENSG00000114391	7001.25	6260.00
ENSG00000114395	173.75	159.00
ENSG00000114405	115.50	127.75
ENSG00000114416	3259.25	2872.00
ENSG00000114423	624.25	734.25
ENSG00000114439	2422.25	2725.00
ENSG00000114446	907.00	806.75
ENSG00000114450	1486.50	2610.50
ENSG00000114455	4.00	4.25
ENSG00000114473	275.50	233.25
ENSG00000114480	3343.25	4185.00
ENSG00000114487	0.00	0.00
ENSG00000114491	371.00	335.75
ENSG00000114503	1606.50	1442.75

ENSG00000114520	371.50	397.50
ENSG00000114529	27.00	26.75
ENSG00000114541	15.00	5.50
ENSG00000114544	960.75	915.75
ENSG00000114547	1.25	0.25
ENSG00000114554	3034.25	2642.50
ENSG00000114573	2613.25	1856.25
ENSG00000114626	889.00	1139.50
ENSG00000114631	38.75	25.00
ENSG00000114638	0.75	0.50
ENSG00000114646	3.25	1.75
ENSG00000114648	408.25	404.75
ENSG00000114650	1507.50	1715.75
ENSG00000114654	0.75	0.25
ENSG00000114656	16.25	14.25
ENSG00000114670	264.50	114.50
ENSG00000114686	915.25	825.00
ENSG00000114698	2044.25	2566.00
ENSG00000114735	608.00	437.00
ENSG00000114737	53.75	51.75
ENSG00000114738	678.25	558.50
ENSG00000114739	103.50	104.75
ENSG00000114742	1344.25	1135.00
ENSG00000114744	536.25	577.50
ENSG00000114745	869.00	1151.75
ENSG00000114757	22.75	6.25
ENSG00000114767	149.50	262.25
ENSG00000114770	1068.75	1246.50
ENSG00000114771	3.00	3.25
ENSG00000114779	966.00	980.50
ENSG00000114784	593.00	523.25
ENSG00000114786	12.75	10.25
ENSG00000114790	32.75	47.50
ENSG00000114796	1348.00	1204.50
ENSG00000114805	2.25	3.75
ENSG00000114812	0.00	0.75
ENSG00000114841	303.50	248.00
ENSG00000114850	2666.25	3138.50
ENSG00000114853	2221.75	3362.00
ENSG00000114854	2.75	3.00
ENSG00000114857	1806.75	1445.00
ENSG00000114859	79.75	57.50
ENSG00000114861	2127.25	1500.25

ENSG00000114867	7649.25	8705.00
ENSG00000114902	1228.25	1199.25
ENSG00000114904	518.75	421.25
ENSG00000114923	201.25	185.00
ENSG00000114933	406.75	376.75
ENSG00000114942	6158.75	5423.00
ENSG00000114948	537.75	577.75
ENSG00000114956	516.00	496.00
ENSG00000114978	2830.00	3101.75
ENSG00000114982	2057.75	2226.00
ENSG00000114988	459.50	423.00
ENSG00000114993	286.00	220.25
ENSG00000114999	1388.75	1306.50
ENSG00000115008	0.75	0.00
ENSG00000115009	0.50	2.25
ENSG00000115020	1340.50	1426.75
ENSG00000115041	138.50	130.00
ENSG00000115042	411.25	344.25
ENSG00000115053	9579.75	8754.25
ENSG00000115073	879.50	855.75
ENSG00000115084	1450.75	1980.00
ENSG00000115085	1.50	0.00
ENSG00000115091	3224.75	4423.50
ENSG00000115107	396.75	408.50
ENSG00000115109	761.50	860.50
ENSG00000115112	1.00	1.25
ENSG00000115128	733.00	666.25
ENSG00000115129	947.50	685.50
ENSG00000115137	185.25	119.50
ENSG00000115138	2.50	2.00
ENSG00000115145	1042.00	967.00
ENSG00000115155	0.50	1.50
ENSG00000115159	714.25	850.50
ENSG00000115163	9.00	9.50
ENSG00000115165	0.50	0.25
ENSG00000115170	1736.25	1515.50
ENSG00000115183	1428.75	953.75
ENSG00000115194	10.25	13.75
ENSG00000115204	1234.25	1048.50
ENSG00000115207	897.75	774.50
ENSG00000115211	631.00	633.75
ENSG00000115216	2315.75	2141.25
ENSG00000115221	5.25	3.50

ENSG00000115226	514.75	489.25
ENSG00000115232	2105.75	2663.25
ENSG00000115233	752.50	759.00
ENSG00000115234	2153.25	1992.00
ENSG00000115239	539.00	511.00
ENSG00000115241	1326.50	1247.75
ENSG00000115252	361.75	413.75
ENSG00000115255	50.50	70.25
ENSG00000115257	62.50	50.00
ENSG00000115263	0.00	1.00
ENSG00000115266	116.25	138.00
ENSG00000115267	227.50	153.50
ENSG00000115268	5087.50	4568.25
ENSG00000115271	108.50	127.00
ENSG00000115274	230.00	202.00
ENSG00000115275	830.25	867.50
ENSG00000115282	433.50	373.25
ENSG00000115286	565.75	467.50
ENSG00000115289	225.75	164.75
ENSG00000115290	37.25	59.75
ENSG00000115295	1699.25	2019.75
ENSG00000115297	0.00	0.25
ENSG00000115306	12267.00	12347.75
ENSG00000115307	1290.75	1600.50
ENSG00000115310	16649.75	16833.75
ENSG00000115317	337.00	311.00
ENSG00000115318	614.50	560.00
ENSG00000115325	386.50	396.00
ENSG00000115339	22.50	28.00
ENSG00000115350	259.50	270.25
ENSG00000115353	1.25	0.25
ENSG00000115355	1505.00	1311.75
ENSG00000115361	13.50	19.25
ENSG00000115363	92.25	76.75
ENSG00000115364	572.50	487.50
ENSG00000115365	1642.75	1457.75
ENSG00000115368	676.25	591.00
ENSG00000115380	23964.00	22555.75
ENSG00000115386	0.00	0.00
ENSG00000115392	184.25	146.75
ENSG00000115414	341732.50	319066.00
ENSG00000115415	7064.25	9128.75
ENSG00000115419	3004.25	5930.00

ENSG00000115421	387.50	363.75
ENSG00000115423	8.50	9.00
ENSG00000115425	138.25	97.25
ENSG00000115446	634.75	637.50
ENSG00000115457	833.00	3202.75
ENSG00000115459	421.25	369.25
ENSG00000115461	208702.25	156646.00
ENSG00000115464	3726.00	3595.75
ENSG00000115468	3.75	16.75
ENSG00000115474	0.50	3.75
ENSG00000115484	2036.50	1820.00
ENSG00000115486	1216.75	1058.75
ENSG00000115488	0.00	0.00
ENSG00000115504	5952.50	4325.50
ENSG00000115507	24.25	10.75
ENSG00000115514	437.75	496.75
ENSG00000115520	535.75	503.50
ENSG00000115523	2.00	2.50
ENSG00000115524	8490.75	7355.50
ENSG00000115525	414.00	334.75
ENSG00000115526	195.00	143.75
ENSG00000115539	109.00	126.50
ENSG00000115540	522.00	602.00
ENSG00000115541	717.50	551.75
ENSG00000115548	1244.50	1457.25
ENSG00000115556	190.50	140.00
ENSG00000115561	3457.25	2868.25
ENSG00000115568	498.00	516.50
ENSG00000115590	2.00	4.00
ENSG00000115592	2.50	0.75
ENSG00000115593	0.00	0.00
ENSG00000115594	11881.00	12564.50
ENSG00000115596	0.00	0.00
ENSG00000115598	34.00	22.75
ENSG00000115602	7.75	12.25
ENSG00000115604	36.00	33.00
ENSG00000115607	0.00	0.25
ENSG00000115616	0.25	0.25
ENSG00000115641	4417.50	4910.25
ENSG00000115648	92.75	57.75
ENSG00000115649	987.50	1116.00
ENSG00000115652	655.75	747.25
ENSG00000115657	432.25	380.00

ENSG00000115661	516.25	490.50
ENSG00000115665	0.50	0.00
ENSG00000115677	26417.00	22591.25
ENSG00000115685	987.00	830.75
ENSG00000115687	61.50	68.25
ENSG00000115694	1620.00	1564.00
ENSG00000115705	1.75	1.50
ENSG00000115718	0.50	0.50
ENSG00000115738	1422.50	1480.75
ENSG00000115750	382.00	331.25
ENSG00000115756	303.75	290.75
ENSG00000115758	456.50	461.75
ENSG00000115760	3074.75	3402.75
ENSG00000115761	523.00	509.25
ENSG00000115762	1462.75	1422.25
ENSG00000115806	2345.50	1934.00
ENSG00000115808	893.00	786.25
ENSG00000115816	816.00	780.75
ENSG00000115825	2060.25	1838.25
ENSG00000115827	455.25	402.25
ENSG00000115828	235.00	450.75
ENSG00000115839	2962.50	2633.00
ENSG00000115840	442.00	500.50
ENSG00000115841	145.75	218.75
ENSG00000115844	0.75	1.50
ENSG00000115850	0.00	0.25
ENSG00000115866	1752.00	1661.25
ENSG00000115875	889.00	802.00
ENSG00000115884	624.75	291.50
ENSG00000115896	376.50	419.75
ENSG00000115902	188.25	146.00
ENSG00000115904	3386.50	3209.00
ENSG00000115919	115.00	96.75
ENSG00000115935	1590.25	1528.25
ENSG00000115942	348.50	299.50
ENSG00000115944	1607.75	1414.25
ENSG00000115946	198.50	273.75
ENSG00000115947	578.75	478.75
ENSG00000115956	2.25	1.25
ENSG00000115963	23442.00	12778.75
ENSG00000115966	1047.25	917.50
ENSG00000115970	754.50	734.50
ENSG00000115977	1314.50	1189.50

ENSG00000115993	4016.25	6713.00
ENSG00000115998	231.75	157.75
ENSG00000116001	1850.00	1093.50
ENSG00000116005	7729.75	9427.75
ENSG00000116014	0.25	0.00
ENSG00000116016	29837.75	17958.75
ENSG00000116017	451.25	481.25
ENSG00000116030	1709.75	1494.00
ENSG00000116031	0.00	0.00
ENSG00000116032	67.00	47.75
ENSG00000116035	12.25	16.50
ENSG00000116039	16.25	17.75
ENSG00000116044	7001.50	6548.50
ENSG00000116062	1072.50	1129.00
ENSG00000116095	404.50	456.00
ENSG00000116096	320.75	346.25
ENSG00000116106	173.00	390.50
ENSG00000116117	1968.50	2656.25
ENSG00000116120	456.50	441.25
ENSG00000116127	409.25	383.75
ENSG00000116128	635.75	365.75
ENSG00000116132	7546.50	4036.25
ENSG00000116133	4001.50	6369.00
ENSG00000116138	630.00	668.25
ENSG00000116141	43.00	65.25
ENSG00000116147	9.75	9.75
ENSG00000116151	88.00	69.00
ENSG00000116157	256.25	209.25
ENSG00000116161	896.00	629.25
ENSG00000116171	3560.00	2691.75
ENSG00000116176	0.25	0.00
ENSG00000116183	65.75	69.25
ENSG00000116191	3114.25	2103.50
ENSG00000116194	98.25	358.00
ENSG00000116198	595.00	634.50
ENSG00000116199	1768.00	1900.00
ENSG00000116205	483.75	466.00
ENSG00000116209	4484.50	4325.25
ENSG00000116212	551.25	611.50
ENSG00000116213	320.50	332.00
ENSG00000116218	0.00	0.00
ENSG00000116221	941.00	873.25
ENSG00000116237	2726.75	2565.25

ENSG00000116251	9446.75	7817.00
ENSG00000116254	8.75	14.75
ENSG00000116260	216533.00	205521.50
ENSG00000116266	898.00	861.50
ENSG00000116273	637.00	660.00
ENSG00000116285	1107.50	5372.25
ENSG00000116288	2406.00	2274.75
ENSG00000116299	68.00	27.00
ENSG00000116329	20.00	14.25
ENSG00000116337	1225.00	925.25
ENSG00000116350	1601.25	1574.75
ENSG00000116353	249.00	230.25
ENSG00000116396	162.75	157.50
ENSG00000116406	1613.00	1803.00
ENSG00000116455	448.00	578.50
ENSG00000116459	1943.75	1781.00
ENSG00000116473	1069.50	1000.75
ENSG00000116478	1495.50	1411.00
ENSG00000116489	3215.50	3259.50
ENSG00000116497	644.00	607.75
ENSG00000116514	219.75	151.50
ENSG00000116521	550.00	567.00
ENSG00000116525	197.50	210.25
ENSG00000116539	2976.75	2350.00
ENSG00000116544	4.75	1.75
ENSG00000116560	3528.50	3440.00
ENSG00000116574	315.75	258.50
ENSG00000116580	1164.75	1046.00
ENSG00000116584	3288.75	1466.50
ENSG00000116586	442.75	387.75
ENSG00000116604	1602.00	1796.75
ENSG00000116641	3070.50	2813.50
ENSG00000116649	992.00	1511.25
ENSG00000116661	42.75	47.50
ENSG00000116663	127.75	117.75
ENSG00000116667	2113.75	3286.00
ENSG00000116668	202.50	155.25
ENSG00000116670	333.50	363.25
ENSG00000116675	29.25	78.75
ENSG00000116678	817.75	988.25
ENSG00000116679	980.25	571.25
ENSG00000116685	1194.25	1252.50
ENSG00000116688	3077.00	2556.25

ENSG00000116690	13.00	43.25
ENSG00000116691	190.75	230.00
ENSG00000116698	1142.50	999.75
ENSG00000116701	4.75	3.25
ENSG00000116703	1.50	0.25
ENSG00000116704	483.00	790.50
ENSG00000116711	194.50	31.50
ENSG00000116717	1552.75	1484.50
ENSG00000116721	0.00	2.25
ENSG00000116726	0.25	1.00
ENSG00000116729	4504.25	3748.00
ENSG00000116731	1186.50	1232.25
ENSG00000116741	208.50	215.00
ENSG00000116745	0.00	0.00
ENSG00000116747	839.25	914.00
ENSG00000116748	0.00	0.00
ENSG00000116750	353.25	320.00
ENSG00000116752	421.75	331.75
ENSG00000116754	4762.00	4582.00
ENSG00000116761	43.25	61.00
ENSG00000116771	15.25	15.75
ENSG00000116774	3872.75	3891.00
ENSG00000116783	12.00	7.00
ENSG00000116785	5.00	3.75
ENSG00000116786	3784.25	3877.00
ENSG00000116791	546.50	424.50
ENSG00000116793	550.75	607.50
ENSG00000116809	445.25	381.25
ENSG00000116815	71.75	69.75
ENSG00000116819	21.00	13.75
ENSG00000116824	0.50	0.25
ENSG00000116830	393.00	235.25
ENSG00000116833	3.00	2.25
ENSG00000116852	1.50	2.25
ENSG00000116857	980.00	764.25
ENSG00000116863	392.50	382.25
ENSG00000116871	3341.00	3225.75
ENSG00000116874	400.00	307.25
ENSG00000116882	0.75	0.00
ENSG00000116885	130.75	90.50
ENSG00000116898	674.25	638.25
ENSG00000116903	399.00	438.00
ENSG00000116906	858.50	934.50

ENSG00000116918	877.25	839.00
ENSG00000116922	332.75	319.00
ENSG00000116954	1412.50	1485.00
ENSG00000116957	238.75	194.25
ENSG00000116962	5151.00	13298.25
ENSG00000116977	1382.00	1443.50
ENSG00000116981	0.00	0.00
ENSG00000116983	0.25	0.25
ENSG00000116984	1992.25	1952.00
ENSG00000116985	12.75	15.25
ENSG00000116990	5.00	3.50
ENSG00000116991	240.25	26.25
ENSG00000116996	0.00	0.00
ENSG00000117000	625.75	634.75
ENSG00000117009	11.00	8.50
ENSG00000117010	64.75	61.75
ENSG00000117013	2.75	6.00
ENSG00000117016	71.25	62.25
ENSG00000117020	1189.25	1347.25
ENSG00000117036	543.75	548.50
ENSG00000117054	448.75	475.75
ENSG00000117069	15.50	11.50
ENSG00000117090	0.00	0.00
ENSG00000117091	0.00	0.00
ENSG00000117114	2422.25	1792.00
ENSG00000117115	6.25	4.50
ENSG00000117118	823.00	763.75
ENSG00000117122	938.25	512.00
ENSG00000117133	380.25	373.00
ENSG00000117139	2262.00	1935.50
ENSG00000117143	1350.25	1888.00
ENSG00000117148	11.50	2.00
ENSG00000117151	700.25	659.25
ENSG00000117152	173.75	66.00
ENSG00000117153	907.50	797.50
ENSG00000117154	0.00	0.25
ENSG00000117155	760.75	500.25
ENSG00000117174	725.50	743.50
ENSG00000117215	1.75	1.75
ENSG00000117222	591.00	454.25
ENSG00000117226	613.50	470.25
ENSG00000117228	1114.25	1172.00
ENSG00000117245	33.50	44.00

ENSG00000117262	404.75	347.75
ENSG00000117266	108.25	62.75
ENSG00000117280	1044.00	1363.50
ENSG00000117281	22.50	22.75
ENSG00000117298	7322.25	7761.25
ENSG00000117305	723.50	639.25
ENSG00000117308	93.25	87.00
ENSG00000117318	60.25	61.75
ENSG00000117322	7.75	6.25
ENSG00000117335	5536.50	5044.50
ENSG00000117360	603.00	551.25
ENSG00000117362	2195.25	2167.00
ENSG00000117385	1704.75	1225.75
ENSG00000117394	2365.25	3201.25
ENSG00000117395	570.75	636.50
ENSG00000117399	36.50	29.50
ENSG00000117400	0.50	0.50
ENSG00000117407	6.75	6.25
ENSG00000117408	775.00	801.75
ENSG00000117410	596.00	714.25
ENSG00000117411	1273.50	995.25
ENSG00000117419	713.75	741.50
ENSG00000117425	48.50	34.75
ENSG00000117448	919.00	756.25
ENSG00000117450	4355.00	3847.75
ENSG00000117461	359.75	105.75
ENSG00000117472	5.25	2.50
ENSG00000117475	513.25	532.25
ENSG00000117477	9.00	6.75
ENSG00000117479	179.50	336.00
ENSG00000117480	28.00	30.50
ENSG00000117481	326.50	303.75
ENSG00000117500	2099.50	2496.50
ENSG00000117501	0.00	0.75
ENSG00000117505	1145.00	1105.75
ENSG00000117507	6.50	3.50
ENSG00000117519	6133.25	7182.00
ENSG00000117523	6576.50	4862.25
ENSG00000117525	478.50	622.75
ENSG00000117528	1110.75	1006.25
ENSG00000117533	1395.75	1212.75
ENSG00000117543	428.75	327.50
ENSG00000117560	1.25	0.00

ENSG00000117569	353.25	234.75
ENSG00000117586	40.00	41.75
ENSG00000117592	3345.00	4050.00
ENSG00000117593	339.00	309.25
ENSG00000117594	539.25	1139.25
ENSG00000117595	59.75	65.00
ENSG00000117597	631.00	673.50
ENSG00000117598	2.25	1.00
ENSG00000117600	69.25	17.50
ENSG00000117601	2.00	2.50
ENSG00000117602	273.25	409.00
ENSG00000117614	1208.25	1143.50
ENSG00000117616	1479.50	1550.00
ENSG00000117620	457.00	542.25
ENSG00000117625	881.75	704.25
ENSG00000117632	1380.50	1161.50
ENSG00000117640	1390.50	1192.00
ENSG00000117643	1200.50	774.00
ENSG00000117650	15.75	11.25
ENSG00000117676	6.50	6.75
ENSG00000117682	694.75	715.25
ENSG00000117691	805.25	715.50
ENSG00000117697	431.25	332.75
ENSG00000117707	16.50	9.75
ENSG00000117713	1722.00	1532.75
ENSG00000117724	163.25	107.25
ENSG00000117748	643.25	493.50
ENSG00000117751	775.75	748.75
ENSG00000117758	1346.25	2118.00
ENSG00000117791	300.00	343.75
ENSG00000117834	19.25	17.50
ENSG00000117859	1497.50	1657.25
ENSG00000117862	1093.00	1158.75
ENSG00000117868	4440.75	5736.00
ENSG00000117877	70.00	96.75
ENSG00000117899	1628.25	1807.00
ENSG00000117906	1649.25	1809.00
ENSG00000117971	6.00	4.25
ENSG00000117983	6.50	0.00
ENSG00000117984	9938.50	8828.50
ENSG00000118004	5.25	1.75
ENSG00000118007	2021.75	1889.50
ENSG00000118017	7.50	4.50

ENSG00000118046	1197.75	1030.50
ENSG00000118058	3230.25	2473.25
ENSG00000118094	2.25	6.50
ENSG00000118096	466.50	372.50
ENSG00000118113	2.75	1.75
ENSG00000118137	0.75	0.50
ENSG00000118156	6.75	4.00
ENSG00000118160	1.00	3.75
ENSG00000118162	175.50	167.50
ENSG00000118181	4379.25	3896.50
ENSG00000118193	21.75	18.75
ENSG00000118194	2.50	12.00
ENSG00000118197	224.50	257.50
ENSG00000118200	1777.50	1626.75
ENSG00000118217	1400.75	1367.00
ENSG00000118231	0.00	0.00
ENSG00000118242	98.00	85.50
ENSG00000118245	0.00	0.00
ENSG00000118246	490.50	469.00
ENSG00000118257	1473.00	2536.50
ENSG00000118260	1005.00	644.75
ENSG00000118263	543.00	608.50
ENSG00000118271	0.00	0.00
ENSG00000118276	59.00	45.00
ENSG00000118292	224.50	176.25
ENSG00000118298	10.75	12.25
ENSG00000118307	10.50	11.50
ENSG00000118308	2.50	1.25
ENSG00000118322	13.50	15.00
ENSG00000118363	1211.50	1276.00
ENSG00000118369	501.75	376.00
ENSG00000118402	119.50	97.00
ENSG00000118407	243.75	144.75
ENSG00000118412	444.25	388.75
ENSG00000118418	678.50	478.00
ENSG00000118420	61.50	35.50
ENSG00000118432	0.00	0.75
ENSG00000118434	0.00	0.00
ENSG00000118454	783.25	850.50
ENSG00000118473	894.50	887.50
ENSG00000118482	2057.50	1717.25
ENSG00000118491	0.25	0.25
ENSG00000118492	14.50	17.25

ENSG00000118495	1605.25	1331.50
ENSG00000118496	908.75	917.50
ENSG00000118503	319.75	409.25
ENSG00000118507	82.50	125.00
ENSG00000118508	839.50	598.75
ENSG00000118513	1.25	0.75
ENSG00000118514	11.25	7.00
ENSG00000118515	2430.25	3266.50
ENSG00000118518	1147.00	1007.50
ENSG00000118520	0.00	0.75
ENSG00000118523	7214.00	18378.25
ENSG00000118526	6638.00	8956.50
ENSG00000118557	7.00	7.50
ENSG00000118564	987.75	950.00
ENSG00000118579	1287.75	1546.00
ENSG00000118596	1244.00	1375.00
ENSG00000118600	287.50	276.75
ENSG00000118620	114.50	114.00
ENSG00000118640	28.50	15.50
ENSG00000118655	133.25	154.00
ENSG00000118680	5155.50	6556.25
ENSG00000118689	3342.75	7415.75
ENSG00000118690	58.00	81.00
ENSG00000118702	0.00	0.00
ENSG00000118705	5609.25	5329.00
ENSG00000118707	318.00	194.00
ENSG00000118729	25.50	1.00
ENSG00000118733	0.00	0.00
ENSG00000118762	3020.50	4749.50
ENSG00000118777	33.75	30.25
ENSG00000118785	0.75	2.25
ENSG00000118804	307.00	408.00
ENSG00000118816	5176.00	4946.75
ENSG00000118849	2906.50	2452.75
ENSG00000118855	2627.50	2098.50
ENSG00000118873	1485.00	1267.50
ENSG00000118894	148.25	130.00
ENSG00000118898	5180.50	4432.25
ENSG00000118900	1382.75	1354.25
ENSG00000118903	0.00	0.00
ENSG00000118922	926.75	768.50
ENSG00000118939	385.75	295.25
ENSG00000118946	1.00	0.00

ENSG00000118960	977.25	1104.75
ENSG00000118961	385.50	298.00
ENSG00000118965	506.75	496.50
ENSG00000118971	3976.75	2402.50
ENSG00000118972	14.75	13.25
ENSG00000118976	0.25	0.50
ENSG00000118985	6271.00	6806.75
ENSG00000118990	0.00	1.00
ENSG00000118997	129.50	66.50
ENSG00000119004	728.25	667.75
ENSG00000119013	423.25	415.00
ENSG00000119041	770.00	632.25
ENSG00000119042	346.25	311.00
ENSG00000119048	1291.25	1409.00
ENSG00000119121	13.00	11.50
ENSG00000119125	12.00	6.50
ENSG00000119138	688.50	2581.00
ENSG00000119139	2444.75	8409.00
ENSG00000119147	1.00	2.25
ENSG00000119185	1764.00	1877.75
ENSG00000119203	670.00	664.25
ENSG00000119227	159.25	195.25
ENSG00000119231	741.50	674.25
ENSG00000119242	293.25	241.25
ENSG00000119280	2513.75	3346.75
ENSG00000119283	6.50	6.00
ENSG00000119285	1440.25	1521.00
ENSG00000119314	732.75	703.75
ENSG00000119318	8251.50	10359.75
ENSG00000119321	1342.75	1264.50
ENSG00000119326	1619.50	1691.00
ENSG00000119328	315.25	284.50
ENSG00000119333	394.00	311.50
ENSG00000119335	4509.50	4028.50
ENSG00000119383	2103.75	1629.00
ENSG00000119392	622.25	708.50
ENSG00000119396	1951.75	1768.50
ENSG00000119397	285.50	236.00
ENSG00000119401	760.50	738.75
ENSG00000119402	2171.50	1960.25
ENSG00000119403	740.75	621.00
ENSG00000119408	3170.00	2154.75
ENSG00000119411	2.25	1.25

ENSG00000119414	1102.50	1061.00
ENSG00000119421	409.25	409.75
ENSG00000119431	132.75	105.00
ENSG00000119440	0.00	0.00
ENSG00000119446	484.00	501.50
ENSG00000119457	1.75	1.00
ENSG00000119471	1726.50	1738.75
ENSG00000119487	2985.50	2998.50
ENSG00000119508	88.25	359.50
ENSG00000119509	367.50	326.75
ENSG00000119514	632.75	249.00
ENSG00000119522	502.75	394.00
ENSG00000119523	745.75	895.50
ENSG00000119535	10.25	25.00
ENSG00000119537	2311.25	2979.75
ENSG00000119541	1321.50	1550.50
ENSG00000119547	2.25	0.75
ENSG00000119559	474.50	462.25
ENSG00000119574	301.25	292.50
ENSG00000119596	2448.75	2207.00
ENSG00000119599	227.50	168.75
ENSG00000119608	16.75	15.00
ENSG00000119614	0.00	0.00
ENSG00000119616	985.75	844.00
ENSG00000119630	1112.00	408.00
ENSG00000119632	356.50	287.00
ENSG00000119636	192.00	167.25
ENSG00000119638	4024.00	3805.50
ENSG00000119640	174.75	95.75
ENSG00000119650	302.75	321.25
ENSG00000119655	4605.25	3766.75
ENSG00000119660	0.00	0.00
ENSG00000119661	296.75	307.25
ENSG00000119669	1523.25	1331.00
ENSG00000119673	324.00	541.00
ENSG00000119681	34904.00	27351.00
ENSG00000119682	1222.25	1098.50
ENSG00000119684	394.50	332.00
ENSG00000119685	497.00	558.25
ENSG00000119686	60.50	93.00
ENSG00000119688	677.75	558.00
ENSG00000119689	4603.00	4811.75
ENSG00000119698	50.00	51.25

ENSG00000119699	248.50	258.25
ENSG00000119703	39.50	20.00
ENSG00000119705	296.25	281.00
ENSG00000119707	2982.00	2604.00
ENSG00000119711	454.75	852.00
ENSG00000119714	113.25	13.25
ENSG00000119715	1.75	2.75
ENSG00000119718	655.75	430.25
ENSG00000119720	412.25	358.00
ENSG00000119723	253.75	209.75
ENSG00000119725	706.75	631.25
ENSG00000119729	5405.00	5534.00
ENSG00000119737	16.00	13.50
ENSG00000119760	938.50	796.50
ENSG00000119771	896.25	1167.75
ENSG00000119772	505.00	372.25
ENSG00000119777	2147.25	2231.50
ENSG00000119778	282.00	252.75
ENSG00000119782	52.25	71.75
ENSG00000119787	386.00	413.25
ENSG00000119801	2289.75	2284.50
ENSG00000119812	1046.00	1152.00
ENSG00000119820	1247.75	1433.00
ENSG00000119844	564.00	492.25
ENSG00000119862	42.25	54.50
ENSG00000119865	641.00	608.75
ENSG00000119866	4.00	2.75
ENSG00000119878	310.25	283.00
ENSG00000119888	0.50	1.50
ENSG00000119899	1315.25	1719.25
ENSG00000119900	792.75	1070.25
ENSG00000119906	1056.25	834.75
ENSG00000119912	1101.75	905.50
ENSG00000119913	0.00	0.25
ENSG00000119915	30.00	37.25
ENSG00000119917	876.50	742.00
ENSG00000119919	0.00	0.00
ENSG00000119922	492.00	271.50
ENSG00000119927	396.75	390.50
ENSG00000119929	171.25	162.75
ENSG00000119938	4464.50	3111.50
ENSG00000119943	273.50	188.75
ENSG00000119946	56.25	74.50

ENSG00000119950	1628.75	1647.25
ENSG00000119953	622.25	639.00
ENSG00000119965	221.50	152.00
ENSG00000119969	106.75	77.25
ENSG00000119973	1.25	0.50
ENSG00000119977	2635.00	1776.00
ENSG00000119979	1480.00	1692.00
ENSG00000119986	717.00	705.50
ENSG00000120008	2071.50	2170.25
ENSG00000120029	637.75	610.75
ENSG00000120049	40.25	21.50
ENSG00000120051	15.50	21.25
ENSG00000120053	377.50	348.75
ENSG00000120054	0.00	0.00
ENSG00000120057	0.00	0.25
ENSG00000120063	1206.00	1142.50
ENSG00000120068	8.50	5.75
ENSG00000120071	107.75	80.75
ENSG00000120075	108.25	83.75
ENSG00000120088	0.00	0.00
ENSG00000120093	1254.75	1044.50
ENSG00000120094	0.00	0.00
ENSG00000120129	843.50	5737.25
ENSG00000120137	1446.50	1156.75
ENSG00000120149	213.75	102.50
ENSG00000120156	260.50	189.00
ENSG00000120158	111.50	98.50
ENSG00000120159	296.00	212.75
ENSG00000120160	0.00	0.00
ENSG00000120162	24.00	87.75
ENSG00000120210	3.00	5.50
ENSG00000120211	1.50	0.50
ENSG00000120215	9.50	15.50
ENSG00000120217	148.50	86.00
ENSG00000120235	0.00	0.00
ENSG00000120242	0.25	0.25
ENSG00000120251	1.25	2.25
ENSG00000120253	502.50	436.25
ENSG00000120254	1824.50	1222.25
ENSG00000120256	1251.00	944.00
ENSG00000120262	106.75	136.50
ENSG00000120265	995.00	1098.25
ENSG00000120278	583.50	413.00

ENSG00000120279	4.50	2.25
ENSG00000120280	1.25	1.50
ENSG00000120289	0.00	0.00
ENSG00000120306	497.50	541.00
ENSG00000120314	622.75	597.75
ENSG00000120318	384.00	241.25
ENSG00000120322	43.25	28.00
ENSG00000120324	90.50	69.50
ENSG00000120327	133.75	102.25
ENSG00000120328	20.00	14.25
ENSG00000120329	0.00	0.25
ENSG00000120332	0.75	0.50
ENSG00000120333	438.25	411.25
ENSG00000120334	115.75	92.00
ENSG00000120337	1.75	1.50
ENSG00000120341	327.50	146.75
ENSG00000120370	430.00	271.25
ENSG00000120436	0.00	0.00
ENSG00000120437	199.00	199.50
ENSG00000120438	2855.00	2772.25
ENSG00000120440	0.75	0.00
ENSG00000120451	3471.75	3425.00
ENSG00000120457	13.50	8.25
ENSG00000120458	221.00	179.00
ENSG00000120471	0.00	0.00
ENSG00000120498	0.75	0.75
ENSG00000120500	10.00	7.00
ENSG00000120509	625.50	529.50
ENSG00000120519	139.25	115.00
ENSG00000120526	204.75	301.50
ENSG00000120533	714.75	694.00
ENSG00000120539	238.75	223.50
ENSG00000120549	68.00	39.75
ENSG00000120555	1.50	1.50
ENSG00000120563	0.00	0.00
ENSG00000120594	774.00	1359.25
ENSG00000120616	560.75	443.25
ENSG00000120645	15.25	13.25
ENSG00000120647	160.25	134.75
ENSG00000120656	532.75	436.00
ENSG00000120658	260.00	255.50
ENSG00000120659	0.25	0.00
ENSG00000120662	138.25	146.75

ENSG00000120669	29.75	17.50
ENSG00000120675	628.50	743.50
ENSG00000120685	539.75	504.25
ENSG00000120686	2002.25	1930.75
ENSG00000120688	372.00	443.00
ENSG00000120690	1089.50	1774.50
ENSG00000120693	508.75	438.75
ENSG00000120694	1435.25	1184.50
ENSG00000120696	198.00	131.00
ENSG00000120697	455.50	522.00
ENSG00000120699	246.75	230.00
ENSG00000120705	2954.00	3101.75
ENSG00000120708	13818.25	10439.25
ENSG00000120709	1391.25	1209.25
ENSG00000120725	1193.75	1014.00
ENSG00000120727	1183.00	1246.00
ENSG00000120729	3.00	3.25
ENSG00000120733	2005.25	1978.00
ENSG00000120738	912.50	542.25
ENSG00000120742	2094.50	1840.75
ENSG00000120756	16.50	5.50
ENSG00000120784	215.00	223.25
ENSG00000120798	529.50	464.50
ENSG00000120800	724.00	994.75
ENSG00000120802	680.25	420.00
ENSG00000120805	2668.50	1994.50
ENSG00000120820	1184.25	800.00
ENSG00000120832	269.75	379.00
ENSG00000120833	114.25	88.75
ENSG00000120837	1364.75	2215.00
ENSG00000120860	936.25	793.50
ENSG00000120868	575.00	575.75
ENSG00000120875	6.00	5.00
ENSG00000120885	16895.25	13200.25
ENSG00000120889	2982.75	2226.75
ENSG00000120896	3213.00	3944.25
ENSG00000120899	274.00	516.25
ENSG00000120903	0.75	0.50
ENSG00000120907	3.75	5.50
ENSG00000120910	355.75	392.25
ENSG00000120913	2819.00	2852.50
ENSG00000120915	59.75	34.75
ENSG00000120925	649.00	616.75

ENSG00000120937	0.00	0.00
ENSG00000120942	240.00	348.75
ENSG00000120948	3038.75	2368.75
ENSG00000120949	1.25	1.25
ENSG00000120952	0.00	1.25
ENSG00000120963	822.50	670.25
ENSG00000120992	467.75	487.25
ENSG00000121005	10.25	9.75
ENSG00000121022	982.25	856.25
ENSG00000121039	8863.75	7650.00
ENSG00000121053	2.00	1.75
ENSG00000121057	429.75	391.75
ENSG00000121058	282.25	270.00
ENSG00000121060	1927.25	1609.00
ENSG00000121064	2939.50	2522.75
ENSG00000121067	987.50	881.25
ENSG00000121068	3047.25	3491.75
ENSG00000121073	505.25	522.25
ENSG00000121075	703.75	620.75
ENSG00000121089	4.25	1.50
ENSG00000121101	5.50	9.00
ENSG00000121104	212.00	142.00
ENSG00000121152	11.50	13.00
ENSG00000121207	29.00	18.75
ENSG00000121210	587.75	340.00
ENSG00000121211	5.00	4.00
ENSG00000121236	210.50	146.25
ENSG00000121270	8.00	6.50
ENSG00000121274	334.25	346.25
ENSG00000121281	243.75	237.25
ENSG00000121289	614.25	592.00
ENSG00000121297	1022.50	790.75
ENSG00000121310	1052.00	794.75
ENSG00000121314	0.00	0.00
ENSG00000121316	48.25	34.25
ENSG00000121318	1.75	1.00
ENSG00000121335	1.50	1.25
ENSG00000121350	331.75	331.75
ENSG00000121351	1.75	1.25
ENSG00000121361	177.00	258.25
ENSG00000121377	0.00	0.00
ENSG00000121380	1.75	1.00
ENSG00000121381	0.00	0.00

ENSG00000121388	0.00	0.00
ENSG00000121390	669.75	649.50
ENSG00000121406	186.00	136.00
ENSG00000121410	171.25	188.50
ENSG00000121413	790.25	728.50
ENSG00000121417	247.75	157.25
ENSG00000121440	2946.00	2500.75
ENSG00000121446	3.00	3.25
ENSG00000121454	108.50	66.00
ENSG00000121481	404.25	317.50
ENSG00000121486	628.50	449.75
ENSG00000121542	355.00	294.25
ENSG00000121552	83.00	48.75
ENSG00000121570	17.75	13.25
ENSG00000121577	20.25	14.75
ENSG00000121578	514.50	561.75
ENSG00000121579	2723.75	2630.00
ENSG00000121594	1.25	0.50
ENSG00000121621	51.00	19.25
ENSG00000121634	0.00	0.00
ENSG00000121644	1419.00	1567.50
ENSG00000121653	321.75	213.25
ENSG00000121671	663.00	490.50
ENSG00000121680	257.25	285.75
ENSG00000121690	117.75	68.75
ENSG00000121691	1653.25	2528.00
ENSG00000121716	330.25	365.75
ENSG00000121741	1686.00	1560.25
ENSG00000121742	0.00	0.00
ENSG00000121743	152.50	65.75
ENSG00000121749	1109.00	985.00
ENSG00000121753	672.75	392.75
ENSG00000121764	0.00	0.50
ENSG00000121766	604.75	489.00
ENSG00000121769	108.50	63.50
ENSG00000121774	2230.50	1800.75
ENSG00000121775	281.25	231.00
ENSG00000121797	0.00	0.00
ENSG00000121807	0.00	0.00
ENSG00000121851	548.75	579.50
ENSG00000121853	0.00	0.00
ENSG00000121858	344.25	149.25
ENSG00000121864	448.50	401.75

ENSG00000121871	0.00	0.75
ENSG00000121879	997.25	1345.50
ENSG00000121892	2501.75	2592.75
ENSG00000121895	6.75	2.25
ENSG00000121897	139.25	107.00
ENSG00000121898	2941.50	2481.00
ENSG00000121900	439.00	329.50
ENSG00000121903	146.00	138.00
ENSG00000121904	808.00	1085.75
ENSG00000121905	3.75	2.00
ENSG00000121931	256.50	250.00
ENSG00000121933	1.25	0.75
ENSG00000121940	979.75	975.00
ENSG00000121957	519.25	656.50
ENSG00000121964	400.25	445.50
ENSG00000121966	0.00	0.00
ENSG00000121988	139.00	94.00
ENSG00000121989	264.25	219.75
ENSG00000122008	692.25	676.75
ENSG00000122012	4.25	1.50
ENSG00000122025	0.25	0.00
ENSG00000122026	9642.75	8277.75
ENSG00000122033	501.75	399.75
ENSG00000122034	753.25	727.00
ENSG00000122035	340.75	1356.75
ENSG00000122042	1185.75	1052.50
ENSG00000122068	1455.75	1223.75
ENSG00000122085	610.50	406.50
ENSG00000122121	363.25	371.75
ENSG00000122122	0.25	0.00
ENSG00000122126	1336.50	1286.50
ENSG00000122133	0.75	1.75
ENSG00000122136	0.00	0.00
ENSG00000122140	521.00	470.75
ENSG00000122145	0.00	0.00
ENSG00000122176	16590.25	13789.00
ENSG00000122180	0.00	0.75
ENSG00000122188	5.00	6.25
ENSG00000122194	17.75	14.00
ENSG00000122203	2610.00	2643.00
ENSG00000122218	7728.00	6927.75
ENSG00000122223	0.00	0.00
ENSG00000122224	7.50	7.25

ENSG00000122254	1.25	2.00
ENSG00000122257	1310.25	1217.25
ENSG00000122299	1317.00	1692.50
ENSG00000122304	0.00	0.00
ENSG00000122335	1159.25	860.75
ENSG00000122359	7458.50	8411.50
ENSG00000122367	10.75	15.25
ENSG00000122375	0.00	0.00
ENSG00000122376	373.50	462.50
ENSG00000122378	105.25	108.25
ENSG00000122386	209.50	163.50
ENSG00000122390	745.50	562.50
ENSG00000122406	13504.25	12348.25
ENSG00000122417	659.25	520.00
ENSG00000122420	2376.25	1370.00
ENSG00000122432	12.50	12.75
ENSG00000122435	302.00	240.50
ENSG00000122477	20.25	21.25
ENSG00000122481	182.25	187.75
ENSG00000122482	691.25	651.00
ENSG00000122483	107.75	109.00
ENSG00000122484	920.00	863.50
ENSG00000122490	679.00	828.50
ENSG00000122507	667.75	462.00
ENSG00000122512	300.75	244.75
ENSG00000122515	1135.75	1028.75
ENSG00000122543	2.00	1.00
ENSG00000122545	8629.50	9080.75
ENSG00000122547	236.50	199.75
ENSG00000122550	827.50	719.75
ENSG00000122557	831.50	873.75
ENSG00000122565	2191.25	2032.75
ENSG00000122566	7910.50	8374.00
ENSG00000122574	4.50	4.25
ENSG00000122584	0.00	0.00
ENSG00000122585	0.00	0.00
ENSG00000122591	3827.75	4182.00
ENSG00000122592	0.75	3.25
ENSG00000122641	642.50	1294.25
ENSG00000122642	7250.75	6438.00
ENSG00000122643	254.00	243.75
ENSG00000122644	221.50	187.50
ENSG00000122674	1056.25	1097.75

ENSG00000122678	385.50	416.00
ENSG00000122679	16.00	1.50
ENSG00000122687	361.00	306.00
ENSG00000122691	504.00	398.25
ENSG00000122692	1326.25	1192.25
ENSG00000122694	1399.00	1083.25
ENSG00000122696	281.00	279.50
ENSG00000122705	2523.50	2143.25
ENSG00000122707	13311.00	10179.50
ENSG00000122711	0.25	0.25
ENSG00000122718	0.00	0.00
ENSG00000122728	1.00	1.25
ENSG00000122729	3281.00	3140.50
ENSG00000122733	17.75	4.75
ENSG00000122735	2.00	0.50
ENSG00000122741	1081.75	1030.50
ENSG00000122756	0.75	0.25
ENSG00000122778	328.00	245.25
ENSG00000122779	329.50	245.00
ENSG00000122783	665.25	686.00
ENSG00000122786	18673.00	29541.50
ENSG00000122787	2.75	2.75
ENSG00000122824	7.75	10.25
ENSG00000122852	0.00	0.00
ENSG00000122859	0.00	0.00
ENSG00000122861	1078.25	633.50
ENSG00000122862	219.75	220.50
ENSG00000122863	796.25	1284.50
ENSG00000122870	4299.50	3821.75
ENSG00000122872	0.25	0.25
ENSG00000122873	268.25	214.25
ENSG00000122877	31.50	3.75
ENSG00000122882	507.00	440.50
ENSG00000122884	3202.75	2419.50
ENSG00000122912	363.25	299.50
ENSG00000122952	79.25	71.75
ENSG00000122958	1399.00	1377.50
ENSG00000122965	669.75	704.25
ENSG00000122966	499.00	142.25
ENSG00000122970	500.00	667.50
ENSG00000122971	376.00	654.50
ENSG00000122986	98.00	89.00
ENSG00000123009	0.00	0.25

ENSG00000123064	853.50	815.00
ENSG00000123066	3305.50	3432.75
ENSG00000123080	533.50	451.50
ENSG00000123091	2672.00	2376.00
ENSG00000123094	1052.25	1650.50
ENSG00000123095	110.50	96.75
ENSG00000123096	734.50	782.25
ENSG00000123104	170.50	302.25
ENSG00000123106	457.25	418.75
ENSG00000123119	82.25	90.50
ENSG00000123124	946.25	831.00
ENSG00000123130	849.75	997.75
ENSG00000123131	1625.25	1508.25
ENSG00000123136	352.50	377.00
ENSG00000123143	2812.75	2757.25
ENSG00000123144	1521.50	1566.25
ENSG00000123146	635.00	738.50
ENSG00000123154	129.50	165.50
ENSG00000123159	1186.50	1300.50
ENSG00000123165	0.00	0.00
ENSG00000123171	0.00	0.00
ENSG00000123178	163.25	229.00
ENSG00000123179	311.00	414.25
ENSG00000123191	107.50	100.25
ENSG00000123200	3194.75	2953.25
ENSG00000123201	0.00	0.25
ENSG00000123213	429.25	667.75
ENSG00000123219	52.25	43.00
ENSG00000123240	5663.00	4728.00
ENSG00000123243	18747.75	8328.50
ENSG00000123268	495.50	393.50
ENSG00000123297	289.75	295.25
ENSG00000123307	0.00	0.00
ENSG00000123329	1.75	1.75
ENSG00000123338	29.00	14.25
ENSG00000123342	593.00	702.00
ENSG00000123349	4458.25	3876.50
ENSG00000123352	823.00	509.50
ENSG00000123353	204.75	245.75
ENSG00000123358	148.00	379.00
ENSG00000123360	5.75	3.50
ENSG00000123364	0.00	0.50
ENSG00000123374	328.75	395.00

ENSG00000123384	95099.00	81109.75
ENSG00000123388	0.00	0.00
ENSG00000123395	580.75	649.50
ENSG00000123405	23.25	3.75
ENSG00000123407	0.00	0.00
ENSG00000123411	310.50	188.00
ENSG00000123415	288.00	249.00
ENSG00000123416	11147.50	6203.00
ENSG00000123427	171.75	169.00
ENSG00000123444	459.25	388.50
ENSG00000123447	0.00	0.00
ENSG00000123453	40.75	29.50
ENSG00000123454	2.25	1.75
ENSG00000123472	860.50	761.25
ENSG00000123473	120.25	118.75
ENSG00000123485	22.00	39.25
ENSG00000123496	260.50	192.25
ENSG00000123500	33.50	29.25
ENSG00000123505	554.00	578.75
ENSG00000123545	141.00	153.75
ENSG00000123552	268.25	265.00
ENSG00000123560	12.25	6.25
ENSG00000123561	0.00	0.00
ENSG00000123562	3572.00	6615.00
ENSG00000123569	0.00	0.00
ENSG00000123570	72.00	48.75
ENSG00000123572	63.50	138.00
ENSG00000123575	666.75	697.00
ENSG00000123576	0.00	0.00
ENSG00000123584	0.00	0.00
ENSG00000123594	0.00	0.00
ENSG00000123595	580.00	561.25
ENSG00000123600	621.25	494.25
ENSG00000123607	433.00	468.25
ENSG00000123609	280.50	194.25
ENSG00000123610	585.25	104.00
ENSG00000123612	35.25	11.00
ENSG00000123636	878.00	624.50
ENSG00000123643	604.25	1065.50
ENSG00000123684	1060.25	1089.25
ENSG00000123685	18.75	66.75
ENSG00000123689	80.25	12.00
ENSG00000123700	980.75	810.75

ENSG00000123728	637.00	578.25
ENSG00000123737	408.00	615.75
ENSG00000123739	744.50	520.50
ENSG00000123810	59.00	46.00
ENSG00000123815	445.25	360.50
ENSG00000123836	360.50	321.75
ENSG00000123838	4.75	4.50
ENSG00000123843	32.50	44.25
ENSG00000123870	40.50	40.25
ENSG00000123892	37.75	32.75
ENSG00000123901	7.50	5.75
ENSG00000123908	1539.00	1926.50
ENSG00000123933	4091.00	3142.50
ENSG00000123965	12.50	12.25
ENSG00000123975	263.50	251.50
ENSG00000123977	4.00	5.50
ENSG00000123983	3275.50	2251.50
ENSG00000123989	2946.00	3311.25
ENSG00000123992	1884.50	1673.75
ENSG00000123999	14.50	21.75
ENSG00000124003	0.50	0.25
ENSG00000124006	1493.75	1819.75
ENSG00000124019	2.75	3.00
ENSG00000124067	1916.25	1906.75
ENSG00000124074	269.00	258.50
ENSG00000124089	0.00	0.00
ENSG00000124091	7.00	4.25
ENSG00000124092	12.00	10.00
ENSG00000124097	1.00	0.25
ENSG00000124098	2966.00	2684.75
ENSG00000124102	0.25	0.25
ENSG00000124103	3.75	1.75
ENSG00000124104	1462.00	766.75
ENSG00000124107	14.50	12.00
ENSG00000124116	16.75	12.50
ENSG00000124120	897.50	941.50
ENSG00000124126	276.00	145.25
ENSG00000124134	50.50	8.75
ENSG00000124140	8.75	10.00
ENSG00000124143	0.00	0.00
ENSG00000124145	6709.25	4682.25
ENSG00000124151	979.50	2258.25
ENSG00000124155	5377.25	4708.50

ENSG00000124157	0.00	0.00
ENSG00000124159	3.50	1.25
ENSG00000124160	725.00	672.25
ENSG00000124164	1228.50	1331.00
ENSG00000124171	20.75	28.00
ENSG00000124172	2504.25	2404.75
ENSG00000124177	1767.00	1413.25
ENSG00000124181	1712.00	1528.75
ENSG00000124191	257.25	198.00
ENSG00000124193	3151.25	2550.00
ENSG00000124194	2.50	0.50
ENSG00000124196	0.00	0.00
ENSG00000124198	1551.50	1805.00
ENSG00000124201	3308.50	3063.50
ENSG00000124203	0.00	0.00
ENSG00000124205	0.00	0.50
ENSG00000124207	1396.00	1188.50
ENSG00000124208	220.50	264.50
ENSG00000124209	1285.25	1208.25
ENSG00000124212	12940.75	6890.00
ENSG00000124214	3248.00	2740.25
ENSG00000124215	4.50	10.25
ENSG00000124216	84.50	53.50
ENSG00000124217	210.75	188.75
ENSG00000124222	2007.00	1638.75
ENSG00000124224	286.00	198.75
ENSG00000124225	211.50	116.25
ENSG00000124226	2011.50	1245.00
ENSG00000124227	0.00	0.00
ENSG00000124228	918.00	948.25
ENSG00000124232	0.00	0.25
ENSG00000124233	0.00	0.00
ENSG00000124237	0.00	0.00
ENSG00000124243	425.50	324.50
ENSG00000124249	334.25	111.25
ENSG00000124251	12.75	13.00
ENSG00000124253	1.50	3.50
ENSG00000124256	7.50	9.25
ENSG00000124257	79.75	56.75
ENSG00000124260	4.75	4.75
ENSG00000124275	585.50	648.25
ENSG00000124279	122.50	102.75
ENSG00000124299	1808.75	1550.75

ENSG00000124302	0.00	0.25
ENSG00000124313	320.25	349.50
ENSG00000124333	1006.25	927.00
ENSG00000124334	1.00	1.50
ENSG00000124343	1186.75	1169.00
ENSG00000124356	683.50	594.50
ENSG00000124357	1482.75	1092.50
ENSG00000124370	187.25	127.25
ENSG00000124374	22.25	41.00
ENSG00000124380	553.75	529.00
ENSG00000124383	573.50	463.50
ENSG00000124391	0.25	0.25
ENSG00000124399	0.00	0.00
ENSG00000124406	40.75	21.75
ENSG00000124422	6252.00	4371.75
ENSG00000124429	0.50	0.50
ENSG00000124440	94.00	324.25
ENSG00000124444	193.25	155.25
ENSG00000124449	0.25	0.75
ENSG00000124459	311.00	231.75
ENSG00000124466	31.75	10.75
ENSG00000124467	8.25	5.00
ENSG00000124469	5.75	2.00
ENSG00000124479	4.50	0.00
ENSG00000124486	5096.75	6067.75
ENSG00000124490	0.00	0.00
ENSG00000124491	0.00	0.00
ENSG00000124493	7.25	3.75
ENSG00000124496	657.50	354.75
ENSG00000124507	3.00	3.00
ENSG00000124508	285.75	201.00
ENSG00000124523	221.50	211.00
ENSG00000124532	354.25	329.75
ENSG00000124535	777.75	795.00
ENSG00000124541	512.75	478.50
ENSG00000124549	163.50	135.00
ENSG00000124557	0.25	1.25
ENSG00000124562	728.50	694.75
ENSG00000124564	0.00	0.25
ENSG00000124568	0.00	0.00
ENSG00000124570	1862.25	1490.50
ENSG00000124571	637.25	581.50
ENSG00000124574	569.25	520.00

ENSG00000124575	1.00	1.00
ENSG00000124587	673.75	682.00
ENSG00000124588	408.25	327.50
ENSG00000124593	109.75	115.25
ENSG00000124596	361.75	348.25
ENSG00000124602	5.25	3.75
ENSG00000124608	512.25	289.50
ENSG00000124610	0.00	0.00
ENSG00000124613	149.25	107.50
ENSG00000124614	9240.00	8435.75
ENSG00000124615	472.25	627.25
ENSG00000124635	35.75	37.25
ENSG00000124641	386.00	356.00
ENSG00000124657	0.25	0.50
ENSG00000124659	474.00	509.25
ENSG00000124664	0.00	0.25
ENSG00000124678	2.50	1.75
ENSG00000124688	280.25	289.00
ENSG00000124701	0.75	1.00
ENSG00000124702	874.25	1229.25
ENSG00000124713	5.75	5.50
ENSG00000124721	0.75	0.50
ENSG00000124731	0.50	1.75
ENSG00000124733	890.25	737.75
ENSG00000124743	2.75	2.50
ENSG00000124749	135.75	77.25
ENSG00000124762	11485.50	5408.75
ENSG00000124766	2307.25	447.50
ENSG00000124767	1615.25	1619.00
ENSG00000124772	9.50	25.75
ENSG00000124780	0.75	0.00
ENSG00000124782	665.50	605.00
ENSG00000124783	3202.25	2754.75
ENSG00000124784	337.50	313.75
ENSG00000124785	13.75	8.50
ENSG00000124786	665.25	674.75
ENSG00000124787	70.50	57.50
ENSG00000124788	1619.25	1249.25
ENSG00000124789	1189.75	1130.25
ENSG00000124795	2851.50	2966.00
ENSG00000124802	143.00	156.25
ENSG00000124812	0.00	0.00
ENSG00000124813	156.75	151.25

ENSG00000124818	0.00	0.25
ENSG00000124827	0.75	0.00
ENSG00000124831	1880.25	2408.00
ENSG00000124839	5.50	12.50
ENSG00000124875	26.00	34.50
ENSG00000124882	14.25	14.00
ENSG00000124900	0.00	0.25
ENSG00000124920	17.50	26.25
ENSG00000124935	0.00	0.00
ENSG00000124939	0.00	0.00
ENSG00000124942	91535.25	105721.25
ENSG00000125037	1204.25	1317.50
ENSG00000125046	22.75	12.00
ENSG00000125084	0.00	0.00
ENSG00000125089	8.25	7.25
ENSG00000125107	4152.75	3785.25
ENSG00000125122	47.50	38.75
ENSG00000125124	1289.50	861.50
ENSG00000125144	6.25	28.75
ENSG00000125148	1405.25	5970.25
ENSG00000125149	367.00	324.00
ENSG00000125166	882.00	784.25
ENSG00000125170	459.00	468.00
ENSG00000125207	0.00	0.00
ENSG00000125245	0.25	0.00
ENSG00000125246	30.25	38.00
ENSG00000125247	358.00	235.75
ENSG00000125249	802.00	767.00
ENSG00000125255	0.25	0.25
ENSG00000125257	1177.75	1557.25
ENSG00000125266	1115.25	1283.00
ENSG00000125285	0.00	0.25
ENSG00000125304	3064.75	3062.25
ENSG00000125319	28.50	24.00
ENSG00000125337	1.25	1.50
ENSG00000125347	638.25	388.00
ENSG00000125351	300.25	300.00
ENSG00000125352	171.75	174.50
ENSG00000125354	271.00	230.00
ENSG00000125355	7.75	5.25
ENSG00000125356	686.25	733.75
ENSG00000125363	0.00	0.00
ENSG00000125375	474.50	546.00

ENSG00000125378	2777.00	2727.25
ENSG00000125384	273.25	311.25
ENSG00000125385	0.00	0.00
ENSG00000125386	737.50	684.00
ENSG00000125388	155.00	125.00
ENSG00000125398	846.50	308.50
ENSG00000125409	12.50	6.25
ENSG00000125414	0.25	1.00
ENSG00000125430	244.00	428.25
ENSG00000125434	106.50	90.00
ENSG00000125445	450.50	427.25
ENSG00000125447	602.75	647.75
ENSG00000125449	176.00	176.75
ENSG00000125450	422.25	459.25
ENSG00000125454	74.50	98.00
ENSG00000125457	160.50	179.00
ENSG00000125458	305.50	313.75
ENSG00000125459	371.00	299.75
ENSG00000125462	6.50	6.00
ENSG00000125482	325.50	256.50
ENSG00000125484	1072.75	935.25
ENSG00000125485	193.75	199.25
ENSG00000125492	0.25	0.50
ENSG00000125498	0.00	0.00
ENSG00000125503	2181.00	3154.00
ENSG00000125505	887.50	839.75
ENSG00000125508	1.50	2.00
ENSG00000125510	66.75	46.50
ENSG00000125520	1254.25	808.00
ENSG00000125522	0.00	0.00
ENSG00000125531	17.00	10.00
ENSG00000125533	0.00	0.00
ENSG00000125534	2364.75	2031.25
ENSG00000125538	1.50	0.50
ENSG00000125551	24.00	30.25
ENSG00000125571	0.00	0.00
ENSG00000125611	185.00	154.00
ENSG00000125618	44.50	34.25
ENSG00000125629	410.00	482.75
ENSG00000125630	301.50	284.25
ENSG00000125631	1.25	1.25
ENSG00000125633	1947.00	1499.75
ENSG00000125637	119.25	75.50

ENSG00000125648	1714.00	1524.25
ENSG00000125650	53.25	66.50
ENSG00000125651	1631.75	1380.50
ENSG00000125652	256.75	264.25
ENSG00000125656	490.25	489.50
ENSG00000125657	22.25	6.50
ENSG00000125675	548.50	328.50
ENSG00000125676	1653.00	2206.50
ENSG00000125686	1426.75	1357.50
ENSG00000125691	12505.25	11349.00
ENSG00000125695	2.00	0.00
ENSG00000125703	260.75	221.25
ENSG00000125726	0.00	1.50
ENSG00000125730	9058.75	7603.25
ENSG00000125731	45.25	42.00
ENSG00000125733	1606.75	1670.00
ENSG00000125734	1306.25	1133.25
ENSG00000125735	14.00	8.00
ENSG00000125740	22.00	22.00
ENSG00000125741	558.00	536.25
ENSG00000125743	1927.25	1723.25
ENSG00000125744	386.75	451.75
ENSG00000125746	523.50	615.50
ENSG00000125753	867.25	1072.25
ENSG00000125755	1322.50	1288.00
ENSG00000125772	407.75	289.25
ENSG00000125775	39.25	45.50
ENSG00000125779	682.00	634.75
ENSG00000125780	0.25	0.00
ENSG00000125787	1.50	0.75
ENSG00000125788	0.00	0.00
ENSG00000125798	0.00	0.00
ENSG00000125810	3.75	2.75
ENSG00000125812	325.00	300.75
ENSG00000125813	0.00	0.50
ENSG00000125814	220.25	227.75
ENSG00000125815	0.00	0.00
ENSG00000125816	0.00	0.00
ENSG00000125817	1928.75	1922.50
ENSG00000125818	1816.25	1762.25
ENSG00000125820	0.00	0.00
ENSG00000125821	534.50	523.75
ENSG00000125823	1.25	1.25

ENSG00000125826	1520.25	1380.50
ENSG00000125827	2006.25	1932.50
ENSG00000125831	0.00	0.00
ENSG00000125834	556.50	451.25
ENSG00000125835	757.00	941.25
ENSG00000125841	1337.75	1098.00
ENSG00000125843	338.25	275.25
ENSG00000125844	12704.25	12491.00
ENSG00000125845	123.25	79.75
ENSG00000125846	292.75	262.25
ENSG00000125848	337.50	60.25
ENSG00000125850	0.00	0.00
ENSG00000125851	1395.00	1464.00
ENSG00000125861	0.00	0.00
ENSG00000125863	588.00	544.00
ENSG00000125864	57.75	54.25
ENSG00000125868	12060.75	20054.50
ENSG00000125869	0.75	0.75
ENSG00000125870	606.50	601.25
ENSG00000125871	293.50	288.00
ENSG00000125872	0.75	4.75
ENSG00000125875	1827.25	1715.75
ENSG00000125877	383.25	446.50
ENSG00000125878	0.00	0.00
ENSG00000125879	0.00	0.00
ENSG00000125885	169.25	164.75
ENSG00000125888	0.00	0.00
ENSG00000125895	2.00	2.00
ENSG00000125898	74.75	77.50
ENSG00000125900	0.00	0.00
ENSG00000125901	253.75	254.25
ENSG00000125903	0.00	0.00
ENSG00000125910	0.50	0.00
ENSG00000125912	1233.25	1284.75
ENSG00000125931	0.75	1.50
ENSG00000125944	1002.75	870.75
ENSG00000125945	474.25	301.75
ENSG00000125952	1171.00	1118.25
ENSG00000125954	61.75	60.75
ENSG00000125962	236.50	172.75
ENSG00000125965	691.50	281.75
ENSG00000125966	62.25	75.00
ENSG00000125967	253.00	191.75

ENSG00000125968	42.25	63.25
ENSG00000125970	2561.25	1755.25
ENSG00000125971	1478.25	1463.25
ENSG00000125975	0.00	0.00
ENSG00000125977	2215.75	2099.50
ENSG00000125991	4100.00	3468.50
ENSG00000125995	385.50	392.50
ENSG00000125997	0.25	0.00
ENSG00000125998	5.00	4.25
ENSG00000125999	3.75	2.75
ENSG00000126001	1023.25	775.50
ENSG00000126003	357.00	386.00
ENSG00000126005	1055.00	1047.50
ENSG00000126010	6.75	2.50
ENSG00000126012	1916.25	1868.00
ENSG00000126016	731.50	120.75
ENSG00000126062	1253.75	1478.00
ENSG00000126067	1360.25	1152.75
ENSG00000126070	583.50	530.50
ENSG00000126088	1393.75	1061.50
ENSG00000126091	251.25	203.00
ENSG00000126106	108.75	155.75
ENSG00000126107	1282.75	1100.00
ENSG00000126214	2448.75	2709.25
ENSG00000126215	154.50	161.25
ENSG00000126216	531.00	445.50
ENSG00000126217	6.75	2.75
ENSG00000126218	239.75	346.50
ENSG00000126226	942.00	936.25
ENSG00000126231	2.50	2.75
ENSG00000126233	0.50	0.00
ENSG00000126243	299.25	334.50
ENSG00000126246	28.25	53.50
ENSG00000126247	6794.00	6877.25
ENSG00000126249	55.25	48.25
ENSG00000126251	0.00	0.00
ENSG00000126254	905.25	989.50
ENSG00000126259	0.00	0.00
ENSG00000126261	1633.75	1758.25
ENSG00000126262	3.25	10.25
ENSG00000126264	9.50	11.25
ENSG00000126266	2.25	0.00
ENSG00000126267	1589.50	1440.75

ENSG00000126337	0.50	1.25
ENSG00000126351	1666.25	1722.50
ENSG00000126353	24.75	24.25
ENSG00000126368	488.00	322.00
ENSG00000126391	547.75	703.00
ENSG00000126432	2505.25	2299.25
ENSG00000126453	120.50	120.50
ENSG00000126456	592.00	481.50
ENSG00000126457	1322.75	1152.25
ENSG00000126458	1745.00	2342.00
ENSG00000126460	7.25	7.50
ENSG00000126461	1300.25	1356.50
ENSG00000126464	723.75	666.50
ENSG00000126467	8.25	6.50
ENSG00000126500	7.50	4.50
ENSG00000126522	403.50	535.00
ENSG00000126524	2316.00	2620.75
ENSG00000126545	0.25	0.00
ENSG00000126549	0.00	0.00
ENSG00000126550	14.25	11.50
ENSG00000126561	662.50	958.75
ENSG00000126562	35.00	30.25
ENSG00000126581	1478.50	1540.00
ENSG00000126583	1.50	2.50
ENSG00000126602	743.75	577.00
ENSG00000126603	332.00	269.75
ENSG00000126653	784.75	712.75
ENSG00000126698	1989.00	1615.00
ENSG00000126705	750.75	479.00
ENSG00000126709	578.00	554.75
ENSG00000126733	1.25	1.50
ENSG00000126746	1002.25	853.00
ENSG00000126749	308.25	351.75
ENSG00000126752	0.00	0.50
ENSG00000126756	708.00	723.75
ENSG00000126759	7.75	6.75
ENSG00000126767	598.00	745.00
ENSG00000126768	217.50	203.50
ENSG00000126773	1812.25	1338.00
ENSG00000126775	956.50	821.00
ENSG00000126777	6828.50	7871.00
ENSG00000126778	562.25	443.50
ENSG00000126785	1078.00	367.00

ENSG00000126787	20.50	17.25
ENSG00000126790	495.75	535.00
ENSG00000126803	152.75	895.50
ENSG00000126804	748.00	796.50
ENSG00000126814	520.75	424.50
ENSG00000126821	561.75	624.00
ENSG00000126822	269.50	268.00
ENSG00000126838	3.50	2.25
ENSG00000126856	12.75	9.50
ENSG00000126858	568.50	511.00
ENSG00000126860	76.50	25.75
ENSG00000126861	520.00	138.50
ENSG00000126870	592.75	468.50
ENSG00000126878	161.25	25.75
ENSG00000126882	27.25	13.75
ENSG00000126883	1252.25	1134.00
ENSG00000126890	0.00	0.00
ENSG00000126895	0.25	0.00
ENSG00000126903	783.75	802.75
ENSG00000126934	2737.50	2913.75
ENSG00000126945	2181.00	1960.50
ENSG00000126947	1366.50	1026.75
ENSG00000126950	1248.75	349.25
ENSG00000126952	0.00	0.00
ENSG00000126953	86.00	79.75
ENSG00000126970	233.00	153.25
ENSG00000127022	15369.75	14845.25
ENSG00000127054	1132.75	1094.75
ENSG00000127074	3.50	1.50
ENSG00000127080	186.75	150.00
ENSG00000127081	88.75	71.50
ENSG00000127083	140.50	432.50
ENSG00000127084	0.50	0.00
ENSG00000127124	19.75	24.25
ENSG00000127125	541.25	506.25
ENSG00000127129	0.25	0.00
ENSG00000127152	0.25	0.00
ENSG00000127184	2306.75	2106.50
ENSG00000127191	174.25	128.25
ENSG00000127220	345.50	304.25
ENSG00000127241	9238.00	7263.25
ENSG00000127249	8.50	5.00
ENSG00000127252	0.75	1.50

ENSG00000127311	130.25	115.50
ENSG00000127314	3379.00	3741.50
ENSG00000127318	0.00	0.00
ENSG00000127324	3.25	42.00
ENSG00000127325	3.75	5.25
ENSG00000127328	57.50	80.75
ENSG00000127329	27.75	16.00
ENSG00000127334	804.00	722.75
ENSG00000127337	137.00	112.25
ENSG00000127362	1.50	2.75
ENSG00000127364	15.50	9.00
ENSG00000127366	8.50	4.50
ENSG00000127377	10.75	12.00
ENSG00000127399	9.75	8.25
ENSG00000127412	0.00	0.00
ENSG00000127415	550.25	527.50
ENSG00000127418	677.75	607.25
ENSG00000127419	465.50	341.25
ENSG00000127423	10.50	8.25
ENSG00000127445	654.25	696.75
ENSG00000127452	481.50	449.00
ENSG00000127463	1629.00	1372.75
ENSG00000127472	16.25	12.75
ENSG00000127481	9065.50	7650.25
ENSG00000127483	5383.50	4550.50
ENSG00000127507	12.00	13.50
ENSG00000127511	1410.75	1173.50
ENSG00000127515	0.00	0.00
ENSG00000127526	1342.00	1289.00
ENSG00000127527	651.25	505.75
ENSG00000127528	130.75	73.50
ENSG00000127529	0.00	0.00
ENSG00000127530	0.00	0.00
ENSG00000127533	17.75	11.50
ENSG00000127540	1004.25	1062.75
ENSG00000127554	347.50	299.75
ENSG00000127561	24.25	62.75
ENSG00000127564	10.75	11.00
ENSG00000127578	3.00	5.00
ENSG00000127580	333.75	282.00
ENSG00000127585	9.25	23.50
ENSG00000127586	108.50	66.50
ENSG00000127588	0.00	0.50

ENSG00000127589	3.75	2.75
ENSG00000127603	12054.50	13705.00
ENSG00000127616	1731.00	1618.75
ENSG00000127663	1377.25	1438.75
ENSG00000127666	245.75	282.75
ENSG00000127720	104.00	86.75
ENSG00000127743	0.75	1.00
ENSG00000127774	219.75	251.25
ENSG00000127780	0.00	0.25
ENSG00000127804	767.00	567.00
ENSG00000127824	408.50	120.50
ENSG00000127831	0.25	0.75
ENSG00000127837	1426.00	1502.25
ENSG00000127838	413.00	394.00
ENSG00000127863	2622.50	1617.50
ENSG00000127870	792.75	767.25
ENSG00000127884	1202.00	993.25
ENSG00000127903	10.75	8.75
ENSG00000127914	1518.75	1494.50
ENSG00000127920	820.75	1036.50
ENSG00000127922	773.25	753.00
ENSG00000127928	3.50	3.75
ENSG00000127946	1266.75	1646.50
ENSG00000127947	1577.00	1777.00
ENSG00000127948	837.25	957.25
ENSG00000127951	294.50	151.25
ENSG00000127952	428.00	345.25
ENSG00000127954	34.25	826.75
ENSG00000127955	478.00	646.50
ENSG00000127957	68.75	60.25
ENSG00000127980	481.25	441.50
ENSG00000127989	163.00	174.50
ENSG00000127990	1948.00	1787.00
ENSG00000127993	234.75	216.00
ENSG00000127995	354.25	324.75
ENSG00000128000	144.25	133.25
ENSG00000128011	17.00	12.25
ENSG00000128016	1546.75	1717.25
ENSG00000128039	169.00	209.50
ENSG00000128040	0.00	0.00
ENSG00000128045	16.75	219.50
ENSG00000128050	1224.25	1016.00
ENSG00000128052	1.25	6.00

ENSG00000128059	207.25	185.25
ENSG00000128159	1106.50	1209.00
ENSG00000128165	113.00	15.25
ENSG00000128185	693.50	615.50
ENSG00000128191	738.50	651.50
ENSG00000128203	49.00	43.00
ENSG00000128218	0.75	0.25
ENSG00000128228	113.00	180.00
ENSG00000128242	4.75	7.00
ENSG00000128245	1458.25	1304.00
ENSG00000128250	1.75	1.00
ENSG00000128253	0.00	0.00
ENSG00000128262	91.25	274.00
ENSG00000128266	11.50	14.50
ENSG00000128268	13.75	14.25
ENSG00000128271	4.25	8.50
ENSG00000128272	6728.50	5256.50
ENSG00000128274	1097.75	1446.75
ENSG00000128276	0.00	0.00
ENSG00000128283	1694.00	1615.75
ENSG00000128284	421.50	468.75
ENSG00000128285	12.75	0.25
ENSG00000128294	363.75	349.25
ENSG00000128298	23.00	26.25
ENSG00000128309	437.25	771.75
ENSG00000128310	0.00	0.00
ENSG00000128311	194.75	444.25
ENSG00000128313	0.00	0.25
ENSG00000128322	0.50	0.00
ENSG00000128335	1047.50	1075.50
ENSG00000128340	80.75	56.75
ENSG00000128342	273.25	55.00
ENSG00000128346	188.75	182.75
ENSG00000128383	2.50	1.00
ENSG00000128394	109.00	73.50
ENSG00000128408	7.50	6.00
ENSG00000128422	3.25	1.00
ENSG00000128438	6.50	5.25
ENSG00000128463	1045.00	923.50
ENSG00000128482	27.75	58.25
ENSG00000128487	188.50	106.00
ENSG00000128510	300.50	53.00
ENSG00000128512	1068.50	1173.50

ENSG00000128513	379.75	345.50
ENSG00000128519	0.00	0.00
ENSG00000128524	1290.50	1241.00
ENSG00000128534	363.25	304.00
ENSG00000128536	92.75	68.50
ENSG00000128563	593.25	462.50
ENSG00000128564	1.25	4.25
ENSG00000128567	13.25	9.25
ENSG00000128573	513.25	483.25
ENSG00000128578	93.25	58.50
ENSG00000128581	472.25	356.75
ENSG00000128585	2070.00	1838.00
ENSG00000128590	573.25	589.75
ENSG00000128591	14021.25	11124.00
ENSG00000128594	36.50	8.50
ENSG00000128595	26822.50	25626.50
ENSG00000128596	314.25	372.50
ENSG00000128602	401.75	178.25
ENSG00000128604	1.75	3.00
ENSG00000128606	2151.50	387.75
ENSG00000128607	932.25	796.50
ENSG00000128609	924.00	911.50
ENSG00000128610	0.00	0.75
ENSG00000128617	60.75	74.00
ENSG00000128626	119.75	136.50
ENSG00000128641	2760.25	2367.50
ENSG00000128645	0.00	0.00
ENSG00000128652	0.75	0.25
ENSG00000128654	454.50	392.50
ENSG00000128655	8.25	12.25
ENSG00000128656	2667.00	1761.00
ENSG00000128683	2.50	2.25
ENSG00000128692	0.00	0.75
ENSG00000128694	132.25	87.50
ENSG00000128699	1279.75	2327.50
ENSG00000128708	530.25	439.25
ENSG00000128709	0.00	0.00
ENSG00000128710	0.00	0.00
ENSG00000128713	0.00	0.00
ENSG00000128714	0.00	0.00
ENSG00000128731	1788.75	1931.25
ENSG00000128739	1457.25	1226.00
ENSG00000128789	753.25	820.75

ENSG00000128791	10983.25	10531.50
ENSG00000128805	475.25	284.25
ENSG00000128815	28.50	56.00
ENSG00000128829	2750.25	2433.00
ENSG00000128833	7.25	6.00
ENSG00000128849	70.25	73.75
ENSG00000128872	798.50	867.50
ENSG00000128881	759.00	627.25
ENSG00000128886	36.00	22.50
ENSG00000128891	308.50	270.50
ENSG00000128908	1119.50	1224.75
ENSG00000128915	775.00	714.00
ENSG00000128917	11.25	163.50
ENSG00000128918	6.75	4.50
ENSG00000128923	1031.25	1935.50
ENSG00000128928	1174.75	1366.50
ENSG00000128944	107.25	141.75
ENSG00000128951	797.00	839.25
ENSG00000128965	116.50	86.25
ENSG00000128973	208.00	190.75
ENSG00000128989	2202.50	2223.25
ENSG00000129003	2764.75	2622.50
ENSG00000129007	21.50	23.25
ENSG00000129009	4507.25	3491.50
ENSG00000129028	87.00	61.50
ENSG00000129038	5384.00	3483.50
ENSG00000129048	2213.75	811.75
ENSG00000129055	1099.50	876.50
ENSG00000129071	601.50	575.75
ENSG00000129083	4373.50	4544.25
ENSG00000129084	1607.25	1501.25
ENSG00000129103	2818.00	2667.25
ENSG00000129116	17481.50	29096.75
ENSG00000129128	2858.75	4715.00
ENSG00000129151	4.25	2.25
ENSG00000129152	0.00	0.00
ENSG00000129158	189.25	158.25
ENSG00000129159	4.25	0.50
ENSG00000129167	10.25	8.75
ENSG00000129170	0.25	0.00
ENSG00000129173	4.25	2.75
ENSG00000129187	2155.50	1946.25
ENSG00000129194	22.25	20.50

ENSG00000129195	14.25	13.00
ENSG00000129197	473.50	441.75
ENSG00000129204	123.00	133.50
ENSG00000129214	34.75	21.50
ENSG00000129219	734.50	710.50
ENSG00000129221	0.50	1.25
ENSG00000129226	1828.75	1490.00
ENSG00000129235	337.75	400.00
ENSG00000129244	6.75	4.25
ENSG00000129245	762.75	832.25
ENSG00000129250	7321.75	8718.25
ENSG00000129255	747.75	614.50
ENSG00000129292	1569.50	1417.50
ENSG00000129295	57.25	44.00
ENSG00000129315	721.25	701.00
ENSG00000129317	617.25	498.00
ENSG00000129347	514.00	489.75
ENSG00000129351	3075.00	2902.75
ENSG00000129353	3539.50	4632.75
ENSG00000129354	1.00	0.50
ENSG00000129355	67.25	86.25
ENSG00000129422	548.25	538.00
ENSG00000129437	1.50	1.25
ENSG00000129450	0.00	0.25
ENSG00000129451	4.50	1.75
ENSG00000129455	0.00	0.00
ENSG00000129460	262.75	250.00
ENSG00000129465	29.25	29.00
ENSG00000129467	175.50	68.00
ENSG00000129472	384.75	367.50
ENSG00000129473	1635.75	1921.50
ENSG00000129474	678.25	525.25
ENSG00000129480	225.50	236.25
ENSG00000129484	311.00	164.75
ENSG00000129493	1589.50	1565.00
ENSG00000129514	12.25	6.50
ENSG00000129515	2772.25	2506.00
ENSG00000129518	712.75	646.25
ENSG00000129521	104.00	43.50
ENSG00000129534	468.25	466.75
ENSG00000129535	11.25	11.50
ENSG00000129538	0.00	0.00
ENSG00000129559	1692.00	1737.75

ENSG00000129562	1607.25	1615.00
ENSG00000129566	940.75	1101.25
ENSG00000129595	101.25	96.25
ENSG00000129596	63.25	105.75
ENSG00000129625	3153.25	3198.75
ENSG00000129636	2077.00	2045.25
ENSG00000129646	70.00	54.00
ENSG00000129654	0.00	0.25
ENSG00000129657	1420.25	1330.75
ENSG00000129667	74.50	60.50
ENSG00000129673	1.50	1.50
ENSG00000129675	857.50	783.75
ENSG00000129680	844.25	879.50
ENSG00000129682	577.00	175.00
ENSG00000129691	771.50	678.50
ENSG00000129696	172.75	164.00
ENSG00000129744	0.00	0.00
ENSG00000129749	7.00	10.00
ENSG00000129757	229.50	262.00
ENSG00000129810	5.75	6.00
ENSG00000129824	3632.00	2981.25
ENSG00000129862	0.00	0.00
ENSG00000129864	0.00	0.00
ENSG00000129873	0.00	0.00
ENSG00000129910	9.50	7.00
ENSG00000129911	210.25	166.75
ENSG00000129925	1825.25	2079.50
ENSG00000129932	152.25	169.00
ENSG00000129933	1168.25	1228.00
ENSG00000129946	358.75	264.50
ENSG00000129951	26.50	27.25
ENSG00000129965	2.00	4.75
ENSG00000129968	1097.25	1093.75
ENSG00000129988	10.25	18.75
ENSG00000129990	21.25	14.25
ENSG00000129991	0.50	0.50
ENSG00000129993	5.25	0.75
ENSG00000130005	450.25	318.75
ENSG00000130021	324.25	337.75
ENSG00000130023	219.75	191.50
ENSG00000130024	1386.50	1468.25
ENSG00000130032	93.50	20.75
ENSG00000130035	3.00	3.75

ENSG00000130037	24.25	11.50
ENSG00000130038	56.25	56.00
ENSG00000130045	35.50	31.75
ENSG00000130052	204.00	176.75
ENSG00000130054	0.00	0.00
ENSG00000130055	3.00	2.75
ENSG00000130066	2538.50	5627.00
ENSG00000130119	188.25	193.25
ENSG00000130147	3453.75	3300.50
ENSG00000130150	748.25	960.25
ENSG00000130158	746.50	674.00
ENSG00000130159	349.50	333.00
ENSG00000130164	896.25	1091.00
ENSG00000130165	587.50	543.50
ENSG00000130167	0.50	0.25
ENSG00000130173	2.75	2.25
ENSG00000130175	5628.75	5262.25
ENSG00000130176	927.25	1269.00
ENSG00000130177	1516.50	1500.75
ENSG00000130182	0.00	0.25
ENSG00000130193	120.75	87.50
ENSG00000130201	7.50	7.75
ENSG00000130202	1173.75	1337.25
ENSG00000130203	2819.25	2395.25
ENSG00000130204	385.75	433.25
ENSG00000130208	58.25	42.25
ENSG00000130222	19.75	6.00
ENSG00000130224	298.50	461.25
ENSG00000130226	1.00	2.00
ENSG00000130227	2094.00	1466.25
ENSG00000130234	0.00	0.00
ENSG00000130244	203.25	165.75
ENSG00000130254	1182.00	1145.00
ENSG00000130255	4934.00	4624.00
ENSG00000130270	79.00	80.00
ENSG00000130283	8.00	5.25
ENSG00000130287	3.25	0.75
ENSG00000130294	0.25	2.00
ENSG00000130299	135.75	130.00
ENSG00000130300	0.25	0.00
ENSG00000130303	89.50	70.25
ENSG00000130304	625.25	561.00
ENSG00000130305	206.00	187.75

ENSG00000130307	8.00	6.75
ENSG00000130309	1742.25	1855.25
ENSG00000130311	602.00	725.75
ENSG00000130312	433.50	463.25
ENSG00000130313	1070.50	867.25
ENSG00000130332	354.25	288.25
ENSG00000130338	661.00	504.25
ENSG00000130340	5724.50	3840.00
ENSG00000130347	70.25	50.50
ENSG00000130348	320.75	256.25
ENSG00000130349	207.25	188.50
ENSG00000130363	381.50	321.25
ENSG00000130368	7.50	6.50
ENSG00000130377	7.25	4.00
ENSG00000130382	1657.75	2013.00
ENSG00000130383	0.00	0.25
ENSG00000130385	0.00	0.00
ENSG00000130396	719.25	648.75
ENSG00000130402	5613.00	9511.75
ENSG00000130413	103.00	88.25
ENSG00000130414	718.25	669.50
ENSG00000130427	1.50	0.25
ENSG00000130429	2172.50	2059.00
ENSG00000130433	1.25	3.00
ENSG00000130449	705.25	613.75
ENSG00000130475	22.75	17.50
ENSG00000130477	4.50	3.75
ENSG00000130479	585.00	757.75
ENSG00000130487	13.75	1.75
ENSG00000130489	200.75	223.50
ENSG00000130508	11814.75	13507.75
ENSG00000130511	796.00	581.25
ENSG00000130513	802.25	201.25
ENSG00000130517	1434.25	916.50
ENSG00000130518	125.50	67.50
ENSG00000130520	631.75	618.25
ENSG00000130522	1631.75	1208.25
ENSG00000130528	0.75	2.50
ENSG00000130529	505.50	606.50
ENSG00000130538	0.00	0.00
ENSG00000130540	34.75	28.00
ENSG00000130544	161.75	128.00
ENSG00000130545	2.00	2.25

ENSG00000130558	208.25	208.25
ENSG00000130559	639.75	509.00
ENSG00000130560	523.25	471.50
ENSG00000130561	12.00	8.00
ENSG00000130584	290.50	142.75
ENSG00000130589	823.00	660.00
ENSG00000130590	55.50	38.00
ENSG00000130592	25.25	19.25
ENSG00000130595	1.00	0.25
ENSG00000130598	0.00	0.00
ENSG00000130612	3.25	0.75
ENSG00000130635	11883.25	7530.00
ENSG00000130638	2230.25	2150.50
ENSG00000130640	1357.75	1252.25
ENSG00000130643	3.75	1.75
ENSG00000130649	34.50	24.00
ENSG00000130653	140.00	158.75
ENSG00000130656	0.00	0.00
ENSG00000130669	465.00	384.25
ENSG00000130675	0.00	0.00
ENSG00000130684	525.25	457.50
ENSG00000130695	94.75	69.00
ENSG00000130699	121.25	109.25
ENSG00000130700	0.00	0.00
ENSG00000130701	0.00	0.50
ENSG00000130702	1332.00	1110.50
ENSG00000130703	767.25	614.00
ENSG00000130706	1388.00	1438.25
ENSG00000130707	1430.50	1145.50
ENSG00000130711	0.00	0.25
ENSG00000130713	223.75	175.25
ENSG00000130714	701.00	673.25
ENSG00000130717	628.50	607.00
ENSG00000130720	293.25	244.00
ENSG00000130723	5493.00	5718.75
ENSG00000130724	1382.25	1293.75
ENSG00000130725	717.75	675.00
ENSG00000130726	3246.75	2866.25
ENSG00000130731	464.00	434.25
ENSG00000130733	819.00	617.75
ENSG00000130734	111.00	119.00
ENSG00000130741	2605.00	2131.50
ENSG00000130748	36.50	40.50

ENSG00000130749	695.75	679.75
ENSG00000130751	14.00	9.00
ENSG00000130755	5.75	3.50
ENSG00000130758	201.25	188.75
ENSG00000130762	2.25	0.25
ENSG00000130764	772.00	703.00
ENSG00000130766	1178.75	578.00
ENSG00000130768	1.75	0.75
ENSG00000130770	769.25	642.75
ENSG00000130772	235.75	253.50
ENSG00000130775	108.25	77.50
ENSG00000130779	5342.75	5640.25
ENSG00000130783	10.25	12.00
ENSG00000130787	372.00	264.00
ENSG00000130803	588.75	577.00
ENSG00000130810	216.50	322.50
ENSG00000130811	2056.25	2172.25
ENSG00000130812	8.25	7.00
ENSG00000130813	720.00	657.25
ENSG00000130816	1921.75	1763.00
ENSG00000130818	616.75	468.75
ENSG00000130821	1029.50	1058.00
ENSG00000130822	13.50	10.50
ENSG00000130826	532.00	480.25
ENSG00000130827	1642.75	1616.00
ENSG00000130829	0.50	0.00
ENSG00000130830	322.75	283.25
ENSG00000130844	307.25	277.75
ENSG00000130856	383.00	290.50
ENSG00000130876	0.00	0.50
ENSG00000130881	1134.75	811.50
ENSG00000130921	426.50	295.00
ENSG00000130935	518.25	454.75
ENSG00000130939	2449.25	2270.00
ENSG00000130940	11.50	21.25
ENSG00000130943	33.00	21.00
ENSG00000130948	3.00	6.00
ENSG00000130950	0.25	0.00
ENSG00000130956	1132.75	1532.50
ENSG00000130957	0.50	0.75
ENSG00000130958	468.00	537.50
ENSG00000130962	834.75	1014.25
ENSG00000130985	6516.50	6232.50

ENSG00000130988	136.25	117.00
ENSG00000130997	66.00	49.75
ENSG00000131002	807.00	696.25
ENSG00000131013	751.75	667.50
ENSG00000131015	18.00	12.75
ENSG00000131016	57531.50	25092.75
ENSG00000131018	3377.50	3360.00
ENSG00000131019	45.75	28.75
ENSG00000131023	780.00	738.00
ENSG00000131037	8.50	13.50
ENSG00000131042	0.00	0.00
ENSG00000131043	685.50	739.25
ENSG00000131044	5.50	3.00
ENSG00000131050	1.25	0.75
ENSG00000131051	5015.75	4330.00
ENSG00000131055	0.00	0.25
ENSG00000131059	0.00	0.00
ENSG00000131061	86.50	83.25
ENSG00000131067	677.00	602.00
ENSG00000131068	0.00	0.00
ENSG00000131069	664.50	734.50
ENSG00000131080	1586.00	786.00
ENSG00000131089	696.25	497.75
ENSG00000131094	37.25	28.50
ENSG00000131095	7.25	9.50
ENSG00000131096	3.25	2.00
ENSG00000131097	1.00	0.75
ENSG00000131100	2148.25	2410.50
ENSG00000131115	324.75	239.25
ENSG00000131116	541.00	456.25
ENSG00000131126	2.25	0.50
ENSG00000131127	151.75	115.25
ENSG00000131142	0.50	0.00
ENSG00000131143	3960.50	3537.75
ENSG00000131148	352.00	464.25
ENSG00000131149	1069.25	788.25
ENSG00000131152	10.50	12.25
ENSG00000131153	28.50	18.25
ENSG00000131165	1506.25	1502.00
ENSG00000131171	3161.75	2843.00
ENSG00000131174	1010.75	793.00
ENSG00000131183	0.00	0.00
ENSG00000131187	10.25	7.00

ENSG00000131188	35.25	32.50
ENSG00000131196	145.00	136.75
ENSG00000131203	0.50	0.25
ENSG00000131233	8.00	6.25
ENSG00000131236	6271.50	8433.25
ENSG00000131238	755.75	741.25
ENSG00000131242	92.25	15.75
ENSG00000131263	1183.50	1251.25
ENSG00000131264	0.00	0.00
ENSG00000131269	327.75	256.75
ENSG00000131323	750.75	507.25
ENSG00000131351	43.25	52.50
ENSG00000131355	0.00	0.00
ENSG00000131368	552.25	519.25
ENSG00000131370	1962.00	964.00
ENSG00000131373	230.25	215.25
ENSG00000131374	3832.00	3032.75
ENSG00000131375	774.25	754.50
ENSG00000131378	1630.75	1654.75
ENSG00000131379	4.75	3.25
ENSG00000131381	1034.50	842.00
ENSG00000131386	7814.50	20554.00
ENSG00000131389	1267.50	303.00
ENSG00000131398	1.25	3.50
ENSG00000131400	10.25	8.50
ENSG00000131401	0.00	0.50
ENSG00000131408	1497.25	1746.25
ENSG00000131409	20.00	14.50
ENSG00000131435	409.00	258.25
ENSG00000131437	513.25	296.75
ENSG00000131446	4225.25	6900.25
ENSG00000131459	622.25	1367.50
ENSG00000131462	565.75	447.75
ENSG00000131467	1607.00	1933.75
ENSG00000131469	8460.00	7560.25
ENSG00000131470	71.00	73.50
ENSG00000131471	292.25	318.50
ENSG00000131473	3760.25	3835.25
ENSG00000131475	541.75	533.50
ENSG00000131477	8.00	8.75
ENSG00000131480	20.25	27.00
ENSG00000131482	1.25	0.75
ENSG00000131495	525.25	539.00

ENSG00000131503	1370.50	1293.25
ENSG00000131504	1645.00	1917.25
ENSG00000131507	2715.75	3222.75
ENSG00000131508	1148.00	1210.25
ENSG00000131558	2561.25	2236.75
ENSG00000131584	1380.25	861.25
ENSG00000131591	138.00	131.75
ENSG00000131620	1237.50	1505.75
ENSG00000131626	1450.25	1536.25
ENSG00000131634	307.00	469.50
ENSG00000131650	2.25	1.00
ENSG00000131652	238.25	208.25
ENSG00000131653	2995.00	2916.50
ENSG00000131668	0.25	1.00
ENSG00000131669	626.75	405.25
ENSG00000131686	11.00	9.25
ENSG00000131697	240.50	206.00
ENSG00000131711	8000.25	5472.75
ENSG00000131721	0.00	0.25
ENSG00000131724	1870.50	1696.25
ENSG00000131725	544.50	589.50
ENSG00000131730	22.00	13.00
ENSG00000131732	736.00	525.25
ENSG00000131737	0.00	0.00
ENSG00000131738	0.00	0.00
ENSG00000131746	6.00	3.25
ENSG00000131747	351.50	218.50
ENSG00000131748	843.75	715.50
ENSG00000131759	963.00	734.75
ENSG00000131771	159.00	17.25
ENSG00000131773	185.25	173.75
ENSG00000131778	835.50	642.25
ENSG00000131779	529.75	552.25
ENSG00000131781	102.25	100.75
ENSG00000131788	885.75	781.75
ENSG00000131791	1015.75	969.25
ENSG00000131797	121.25	73.25
ENSG00000131808	0.00	0.00
ENSG00000131828	762.00	772.75
ENSG00000131831	564.50	1308.00
ENSG00000131844	524.25	607.25
ENSG00000131845	331.75	275.25
ENSG00000131848	67.25	52.50

ENSG00000131849	188.00	167.25
ENSG00000131864	0.25	1.25
ENSG00000131871	670.00	968.50
ENSG00000131873	805.75	771.50
ENSG00000131876	290.50	247.50
ENSG00000131885	0.00	0.00
ENSG00000131899	1530.50	1052.75
ENSG00000131910	0.50	0.50
ENSG00000131914	6.50	6.25
ENSG00000131931	176.75	174.75
ENSG00000131941	108.25	120.00
ENSG00000131943	651.75	719.75
ENSG00000131944	89.75	90.00
ENSG00000131951	1.25	1.25
ENSG00000131966	1401.00	1244.75
ENSG00000131969	23.75	27.75
ENSG00000131979	45.50	125.50
ENSG00000131981	5714.25	4016.50
ENSG00000131982	0.00	0.00
ENSG00000132000	339.50	381.00
ENSG00000132002	1903.75	1298.00
ENSG00000132003	126.75	190.50
ENSG00000132004	93.00	77.00
ENSG00000132005	183.75	162.75
ENSG00000132010	37.75	30.00
ENSG00000132016	17.00	10.00
ENSG00000132017	216.00	187.50
ENSG00000132024	601.75	548.00
ENSG00000132026	2.25	2.25
ENSG00000132031	46.50	64.75
ENSG00000132109	497.25	395.00
ENSG00000132122	292.25	272.75
ENSG00000132128	2047.00	1885.75
ENSG00000132141	30.50	55.00
ENSG00000132153	1177.00	1154.50
ENSG00000132155	2228.25	3534.50
ENSG00000132164	1.25	1.00
ENSG00000132170	365.50	720.25
ENSG00000132182	10.50	5.25
ENSG00000132185	2.25	1.25
ENSG00000132196	107.75	105.75
ENSG00000132199	495.50	322.25
ENSG00000132205	620.00	496.50

ENSG00000132207	318.00	314.50
ENSG00000132254	797.50	643.25
ENSG00000132256	701.25	438.00
ENSG00000132259	3.25	2.00
ENSG00000132274	3517.00	2874.00
ENSG00000132275	277.50	232.50
ENSG00000132286	475.50	462.75
ENSG00000132294	3133.00	2925.25
ENSG00000132297	33.25	29.25
ENSG00000132300	1071.75	917.25
ENSG00000132305	1217.75	1198.75
ENSG00000132313	496.75	474.50
ENSG00000132321	47.25	15.00
ENSG00000132323	389.00	354.75
ENSG00000132326	141.00	66.00
ENSG00000132329	174.75	164.75
ENSG00000132330	135.50	190.50
ENSG00000132334	47.50	109.75
ENSG00000132341	2955.50	3076.25
ENSG00000132356	1900.75	2958.75
ENSG00000132357	650.25	746.75
ENSG00000132359	43.25	48.25
ENSG00000132361	825.00	1044.50
ENSG00000132376	666.25	843.00
ENSG00000132382	800.00	869.00
ENSG00000132383	1451.00	1262.25
ENSG00000132386	10841.75	9057.75
ENSG00000132388	1050.50	860.50
ENSG00000132394	197.75	167.00
ENSG00000132405	1404.00	1116.50
ENSG00000132406	344.25	408.75
ENSG00000132423	44.00	45.50
ENSG00000132424	3963.00	3155.75
ENSG00000132429	127.75	154.50
ENSG00000132432	484.25	505.00
ENSG00000132434	375.00	286.00
ENSG00000132436	211.50	138.50
ENSG00000132437	0.00	0.00
ENSG00000132446	0.00	0.00
ENSG00000132463	1639.75	1815.75
ENSG00000132464	25.25	19.75
ENSG00000132465	52.25	37.50
ENSG00000132466	2797.25	2686.00

ENSG00000132467	568.50	643.75
ENSG00000132470	15.25	11.25
ENSG00000132471	1631.00	1568.25
ENSG00000132475	4050.75	3179.50
ENSG00000132478	456.50	380.25
ENSG00000132481	94.25	78.50
ENSG00000132485	2196.75	1949.50
ENSG00000132507	3449.25	3906.50
ENSG00000132510	891.25	549.25
ENSG00000132514	0.00	0.00
ENSG00000132517	7.00	3.50
ENSG00000132518	1.50	8.00
ENSG00000132522	719.25	707.50
ENSG00000132530	784.25	370.75
ENSG00000132535	587.75	415.25
ENSG00000132541	562.50	316.50
ENSG00000132549	3488.75	2668.25
ENSG00000132554	69.75	56.25
ENSG00000132561	3691.00	2838.25
ENSG00000132563	397.00	405.50
ENSG00000132570	96.25	71.25
ENSG00000132581	792.75	791.00
ENSG00000132589	1778.00	2372.25
ENSG00000132591	537.75	541.00
ENSG00000132600	550.25	608.75
ENSG00000132603	257.25	344.25
ENSG00000132604	521.50	449.00
ENSG00000132612	1180.25	1347.25
ENSG00000132613	2728.25	4429.25
ENSG00000132622	116.75	20.50
ENSG00000132623	112.75	109.00
ENSG00000132631	0.00	0.00
ENSG00000132635	669.75	580.00
ENSG00000132639	192.50	160.25
ENSG00000132640	1638.75	1604.25
ENSG00000132646	1170.00	683.00
ENSG00000132661	77.25	56.50
ENSG00000132664	163.50	163.00
ENSG00000132669	1133.75	1272.75
ENSG00000132670	2468.00	2517.75
ENSG00000132671	0.00	0.00
ENSG00000132676	1323.00	1168.75
ENSG00000132677	3.50	3.50

ENSG00000132680	724.50	693.00
ENSG00000132681	4.25	6.50
ENSG00000132688	975.00	519.75
ENSG00000132692	5.25	2.25
ENSG00000132693	0.25	1.00
ENSG00000132694	1365.75	1304.00
ENSG00000132698	0.25	0.00
ENSG00000132702	0.75	0.75
ENSG00000132703	0.00	0.00
ENSG00000132704	13.50	17.50
ENSG00000132716	3088.50	2986.25
ENSG00000132718	2355.25	2231.50
ENSG00000132740	219.50	432.25
ENSG00000132744	0.00	0.00
ENSG00000132746	0.25	0.25
ENSG00000132749	12.00	6.75
ENSG00000132763	135.00	122.00
ENSG00000132768	159.50	186.75
ENSG00000132773	113.25	89.25
ENSG00000132780	1079.25	810.50
ENSG00000132781	132.50	116.25
ENSG00000132792	536.50	536.25
ENSG00000132793	169.25	251.50
ENSG00000132801	136.75	82.75
ENSG00000132819	175.25	157.75
ENSG00000132821	24.00	24.75
ENSG00000132823	805.50	934.50
ENSG00000132824	6450.00	7688.75
ENSG00000132825	141.50	172.00
ENSG00000132837	149.75	129.75
ENSG00000132840	555.25	424.25
ENSG00000132842	1887.50	1928.25
ENSG00000132846	436.75	261.50
ENSG00000132849	244.00	247.00
ENSG00000132854	10.25	1.50
ENSG00000132855	0.50	2.00
ENSG00000132872	0.00	0.00
ENSG00000132874	15.75	20.00
ENSG00000132879	443.75	395.25
ENSG00000132881	56.25	77.25
ENSG00000132906	181.00	187.00
ENSG00000132911	0.25	0.00
ENSG00000132912	1640.75	1416.25

ENSG00000132915	12.50	10.75
ENSG00000132932	3.50	1.75
ENSG00000132938	1.25	0.50
ENSG00000132950	322.25	241.00
ENSG00000132952	329.75	296.25
ENSG00000132953	696.50	711.25
ENSG00000132958	1.75	0.50
ENSG00000132963	949.00	1117.50
ENSG00000132964	298.25	276.50
ENSG00000132965	6.25	19.75
ENSG00000132967	239.75	192.00
ENSG00000132970	912.75	1730.00
ENSG00000132972	0.50	0.00
ENSG00000132975	1.75	0.75
ENSG00000133019	1.25	0.50
ENSG00000133020	0.00	0.50
ENSG00000133026	12986.00	17704.50
ENSG00000133027	217.75	273.25
ENSG00000133028	806.50	769.50
ENSG00000133030	5270.25	4886.75
ENSG00000133048	334.50	266.00
ENSG00000133055	3.25	4.00
ENSG00000133056	260.50	153.75
ENSG00000133059	1988.75	1359.00
ENSG00000133063	5.75	6.25
ENSG00000133065	1291.75	1273.75
ENSG00000133067	3.00	3.00
ENSG00000133069	210.75	91.25
ENSG00000133083	601.25	422.25
ENSG00000133101	2.25	2.50
ENSG00000133103	800.00	480.25
ENSG00000133104	2265.00	2548.50
ENSG00000133105	0.25	0.00
ENSG00000133106	179.50	253.75
ENSG00000133107	23.25	19.25
ENSG00000133110	6494.25	2061.75
ENSG00000133111	83.25	53.00
ENSG00000133112	70754.00	65655.50
ENSG00000133114	490.25	392.75
ENSG00000133115	0.00	0.00
ENSG00000133116	8.00	4.75
ENSG00000133119	81.75	69.00
ENSG00000133121	855.00	1288.00

ENSG00000133124	0.00	0.25
ENSG00000133131	1267.25	984.75
ENSG00000133134	2.50	1.25
ENSG00000133135	36.75	27.75
ENSG00000133136	0.00	0.00
ENSG00000133138	880.25	725.75
ENSG00000133142	1765.50	4378.50
ENSG00000133169	2.00	8.25
ENSG00000133193	646.00	604.75
ENSG00000133195	304.00	251.50
ENSG00000133216	657.75	187.00
ENSG00000133226	1702.75	1409.50
ENSG00000133243	2263.00	2234.25
ENSG00000133246	9.25	8.00
ENSG00000133247	104.75	78.50
ENSG00000133250	148.25	132.25
ENSG00000133256	33.00	24.00
ENSG00000133265	399.75	389.00
ENSG00000133275	1118.50	1082.75
ENSG00000133302	137.75	147.00
ENSG00000133313	1004.25	1000.75
ENSG00000133315	152.00	148.50
ENSG00000133316	284.75	308.75
ENSG00000133317	1.00	0.50
ENSG00000133318	3538.25	3566.75
ENSG00000133321	534.00	317.25
ENSG00000133328	0.50	0.75
ENSG00000133392	84.75	116.25
ENSG00000133393	496.00	470.00
ENSG00000133398	461.00	493.50
ENSG00000133401	71.75	117.25
ENSG00000133422	847.25	916.75
ENSG00000133424	1052.50	765.50
ENSG00000133433	209.00	276.25
ENSG00000133454	1.00	2.00
ENSG00000133460	128.50	84.50
ENSG00000133466	396.50	249.50
ENSG00000133475	0.00	0.00
ENSG00000133477	14.00	10.50
ENSG00000133488	6.75	9.50
ENSG00000133519	4.75	3.00
ENSG00000133561	0.25	0.75
ENSG00000133574	0.00	0.00

ENSG00000133597	264.75	335.00
ENSG00000133606	2130.00	2100.50
ENSG00000133612	1143.25	1170.00
ENSG00000133619	261.25	186.75
ENSG00000133624	291.50	257.50
ENSG00000133627	89.50	86.50
ENSG00000133636	0.00	0.00
ENSG00000133639	1281.75	1626.50
ENSG00000133640	8.25	5.50
ENSG00000133641	280.75	358.50
ENSG00000133657	4592.25	4691.75
ENSG00000133661	7.75	6.50
ENSG00000133665	4.75	6.00
ENSG00000133678	325.75	269.50
ENSG00000133687	5249.50	6972.00
ENSG00000133703	835.75	774.75
ENSG00000133704	1531.25	1372.00
ENSG00000133706	2029.25	1860.50
ENSG00000133710	0.25	0.50
ENSG00000133731	286.75	326.25
ENSG00000133739	186.25	179.00
ENSG00000133740	99.75	84.50
ENSG00000133742	2.00	2.00
ENSG00000133773	293.25	263.00
ENSG00000133789	3142.00	4344.50
ENSG00000133794	249.00	309.75
ENSG00000133800	5.75	8.25
ENSG00000133805	669.25	948.50
ENSG00000133808	2.50	8.25
ENSG00000133812	3072.00	5008.75
ENSG00000133816	1423.25	2953.50
ENSG00000133818	2595.75	3468.00
ENSG00000133835	2629.00	2597.75
ENSG00000133858	2131.50	2531.25
ENSG00000133863	4.50	3.75
ENSG00000133872	3279.25	2717.50
ENSG00000133874	147.75	94.50
ENSG00000133878	2.75	2.50
ENSG00000133884	1234.75	995.00
ENSG00000133895	689.00	688.00
ENSG00000133935	419.50	327.25
ENSG00000133937	3.00	2.00
ENSG00000133943	752.75	362.75

ENSG00000133958	9.25	6.75
ENSG00000133961	1693.50	1753.75
ENSG00000133962	4.50	4.50
ENSG00000133980	0.50	2.50
ENSG00000133983	402.00	421.50
ENSG00000133985	4.50	4.00
ENSG00000133997	350.00	334.00
ENSG00000134001	1030.00	1178.75
ENSG00000134007	0.25	0.50
ENSG00000134013	4233.25	2617.00
ENSG00000134014	605.50	577.50
ENSG00000134020	11.00	19.00
ENSG00000134028	5.00	3.00
ENSG00000134030	1038.25	1165.50
ENSG00000134042	8.75	14.75
ENSG00000134046	1228.50	1662.00
ENSG00000134049	563.00	621.25
ENSG00000134056	244.50	342.25
ENSG00000134057	110.75	116.00
ENSG00000134058	52.50	36.25
ENSG00000134061	2.75	2.50
ENSG00000134070	69.75	34.50
ENSG00000134072	377.00	351.00
ENSG00000134077	746.00	744.00
ENSG00000134086	682.50	591.75
ENSG00000134107	454.50	279.75
ENSG00000134108	2344.50	2475.00
ENSG00000134109	1192.25	1382.25
ENSG00000134115	1.00	1.25
ENSG00000134121	84.50	173.75
ENSG00000134138	987.75	524.00
ENSG00000134146	94.25	84.75
ENSG00000134152	357.00	362.50
ENSG00000134153	1011.25	1035.00
ENSG00000134160	0.50	2.75
ENSG00000134183	2.00	1.00
ENSG00000134184	2.75	2.00
ENSG00000134186	1166.75	1151.00
ENSG00000134193	0.00	0.00
ENSG00000134198	20.00	15.25
ENSG00000134200	0.00	0.00
ENSG00000134201	515.25	307.50
ENSG00000134202	1218.50	832.75

ENSG00000134207	0.25	0.00
ENSG00000134215	2.50	1.75
ENSG00000134216	0.75	0.25
ENSG00000134222	81.25	91.25
ENSG00000134240	0.00	0.00
ENSG00000134242	4.50	8.50
ENSG00000134243	2153.50	9028.50
ENSG00000134245	317.50	375.50
ENSG00000134247	1730.25	920.25
ENSG00000134248	881.75	980.25
ENSG00000134249	0.00	0.00
ENSG00000134250	10447.75	10534.75
ENSG00000134253	245.00	57.00
ENSG00000134255	1193.25	863.75
ENSG00000134256	6.75	6.50
ENSG00000134258	3.75	0.00
ENSG00000134259	70.00	24.00
ENSG00000134262	220.50	190.00
ENSG00000134265	445.50	525.50
ENSG00000134278	952.00	808.00
ENSG00000134283	907.75	947.00
ENSG00000134285	317.50	358.75
ENSG00000134287	3160.75	3298.00
ENSG00000134291	636.50	512.75
ENSG00000134294	14037.25	27146.00
ENSG00000134297	35.50	34.75
ENSG00000134308	7285.25	6761.50
ENSG00000134313	3755.75	3257.25
ENSG00000134317	73.25	45.50
ENSG00000134318	3565.75	5556.00
ENSG00000134321	16.50	2.25
ENSG00000134323	0.00	0.00
ENSG00000134324	4025.25	5094.25
ENSG00000134326	4.50	2.50
ENSG00000134330	700.50	716.00
ENSG00000134333	10508.75	18799.50
ENSG00000134339	2.50	3.25
ENSG00000134343	55.75	69.00
ENSG00000134352	48051.25	47309.75
ENSG00000134363	4513.50	1478.75
ENSG00000134365	0.25	0.25
ENSG00000134369	4695.50	4327.00
ENSG00000134371	914.50	1026.25

ENSG00000134375	704.75	691.50
ENSG00000134376	21.50	7.75
ENSG00000134389	0.00	0.00
ENSG00000134398	8.00	6.00
ENSG00000134419	9146.25	7874.00
ENSG00000134438	0.00	0.00
ENSG00000134440	2960.25	2747.75
ENSG00000134443	0.00	0.00
ENSG00000134444	605.50	712.25
ENSG00000134452	1928.50	1848.25
ENSG00000134453	1401.75	1243.50
ENSG00000134460	4.00	3.75
ENSG00000134461	134.25	112.25
ENSG00000134463	49.50	62.00
ENSG00000134470	511.00	533.50
ENSG00000134480	385.75	391.50
ENSG00000134489	5.75	4.75
ENSG00000134490	121.50	148.00
ENSG00000134504	198.25	204.25
ENSG00000134508	1089.00	1574.75
ENSG00000134516	193.00	137.00
ENSG00000134531	4360.50	7607.25
ENSG00000134532	137.00	160.25
ENSG00000134533	7.75	14.50
ENSG00000134538	0.00	0.00
ENSG00000134539	130.00	67.25
ENSG00000134545	1.75	1.00
ENSG00000134548	20.50	16.50
ENSG00000134551	0.25	0.50
ENSG00000134569	110.25	50.75
ENSG00000134571	0.75	0.00
ENSG00000134574	1377.25	958.75
ENSG00000134575	524.25	601.25
ENSG00000134588	4.00	2.25
ENSG00000134590	4237.75	4422.25
ENSG00000134594	16.50	8.25
ENSG00000134595	3.50	1.25
ENSG00000134597	327.75	271.75
ENSG00000134602	63.50	66.50
ENSG00000134612	0.00	0.00
ENSG00000134627	105.00	108.25
ENSG00000134640	0.00	0.00
ENSG00000134644	2496.50	2304.75

ENSG00000134668	655.75	709.50
ENSG00000134684	1690.00	951.25
ENSG00000134686	1702.50	4190.25
ENSG00000134690	27.50	28.25
ENSG00000134697	901.00	1144.00
ENSG00000134698	630.00	742.00
ENSG00000134709	0.75	5.75
ENSG00000134716	28.00	17.50
ENSG00000134717	749.75	720.25
ENSG00000134744	978.75	781.50
ENSG00000134748	522.25	466.50
ENSG00000134755	11.50	5.75
ENSG00000134757	3.25	0.50
ENSG00000134758	170.50	109.75
ENSG00000134759	2242.00	1912.00
ENSG00000134760	0.25	0.00
ENSG00000134762	171.00	498.75
ENSG00000134765	0.00	0.00
ENSG00000134769	445.25	230.50
ENSG00000134775	3054.50	3053.50
ENSG00000134779	2878.75	2111.25
ENSG00000134780	189.00	109.00
ENSG00000134802	1564.25	998.25
ENSG00000134809	186.50	181.25
ENSG00000134812	0.00	0.00
ENSG00000134815	237.75	207.75
ENSG00000134817	0.00	0.00
ENSG00000134824	1958.25	2062.25
ENSG00000134825	861.75	755.00
ENSG00000134827	0.00	0.00
ENSG00000134830	26.00	20.75
ENSG00000134851	1647.00	2214.50
ENSG00000134852	1002.25	862.25
ENSG00000134853	19982.75	26651.75
ENSG00000134864	88.00	89.75
ENSG00000134871	3373.00	6038.50
ENSG00000134873	0.50	1.00
ENSG00000134874	1997.75	1352.00
ENSG00000134882	1334.25	1322.75
ENSG00000134884	2375.50	2112.50
ENSG00000134897	815.25	767.25
ENSG00000134899	1350.25	1234.00
ENSG00000134900	1753.25	1885.25

ENSG00000134901	294.50	227.75
ENSG00000134905	811.25	992.00
ENSG00000134909	537.25	358.75
ENSG00000134910	3533.75	3518.50
ENSG00000134917	5993.00	6872.75
ENSG00000134940	1.25	1.25
ENSG00000134954	1047.75	1105.00
ENSG00000134955	35.25	21.25
ENSG00000134962	7.00	4.50
ENSG00000134970	2520.50	2769.50
ENSG00000134982	1252.50	1326.50
ENSG00000134986	1059.25	679.00
ENSG00000134987	1448.50	800.25
ENSG00000134996	383.50	362.50
ENSG00000135002	686.25	708.25
ENSG00000135018	2300.75	2393.75
ENSG00000135040	448.25	373.75
ENSG00000135045	89.50	70.50
ENSG00000135046	8685.75	10403.75
ENSG00000135047	5408.25	5341.75
ENSG00000135048	730.50	1236.50
ENSG00000135049	250.50	243.00
ENSG00000135052	2415.50	1724.50
ENSG00000135063	0.00	1.50
ENSG00000135069	1073.75	391.00
ENSG00000135070	648.00	843.25
ENSG00000135074	661.50	844.50
ENSG00000135077	23.25	21.50
ENSG00000135083	9.75	5.00
ENSG00000135090	1323.75	1466.00
ENSG00000135093	444.75	276.75
ENSG00000135094	2.75	2.25
ENSG00000135097	1.25	1.75
ENSG00000135100	2.25	2.75
ENSG00000135108	1191.75	931.25
ENSG00000135111	2246.75	1459.75
ENSG00000135114	7.25	6.25
ENSG00000135116	10.50	5.75
ENSG00000135119	23.75	16.75
ENSG00000135124	439.00	389.75
ENSG00000135127	4.00	4.50
ENSG00000135144	0.00	0.25
ENSG00000135148	1071.00	1027.50

ENSG00000135164	1165.75	1318.00
ENSG00000135175	0.00	0.00
ENSG00000135185	301.25	348.00
ENSG00000135205	99.25	110.50
ENSG00000135211	266.50	287.00
ENSG00000135218	44.75	58.25
ENSG00000135220	0.00	0.00
ENSG00000135222	0.00	0.00
ENSG00000135226	0.00	0.00
ENSG00000135241	836.25	1103.25
ENSG00000135245	217.00	232.50
ENSG00000135248	2.50	5.00
ENSG00000135249	445.00	420.00
ENSG00000135250	1070.50	824.75
ENSG00000135253	12.50	5.50
ENSG00000135269	1459.25	1186.00
ENSG00000135272	1373.50	1390.50
ENSG00000135297	488.00	350.75
ENSG00000135298	1.50	1.00
ENSG00000135299	144.00	101.25
ENSG00000135312	1.50	10.25
ENSG00000135314	111.00	77.75
ENSG00000135315	395.75	285.50
ENSG00000135316	3103.50	2897.75
ENSG00000135317	1483.00	1461.25
ENSG00000135318	5721.00	2998.75
ENSG00000135324	2.50	2.75
ENSG00000135333	0.50	0.25
ENSG00000135334	851.75	745.50
ENSG00000135336	712.00	667.00
ENSG00000135338	256.75	220.25
ENSG00000135341	1608.25	1474.25
ENSG00000135346	2.25	3.75
ENSG00000135355	0.00	0.00
ENSG00000135362	72.00	156.25
ENSG00000135363	3.75	2.75
ENSG00000135365	1467.25	1345.75
ENSG00000135372	779.50	839.00
ENSG00000135373	0.75	0.25
ENSG00000135374	1.75	0.75
ENSG00000135378	21.00	32.50
ENSG00000135387	6786.25	5433.00
ENSG00000135390	2024.00	1688.50

ENSG00000135392	1038.25	889.00
ENSG00000135404	25871.00	21329.00
ENSG00000135406	7.75	5.50
ENSG00000135407	92.75	94.75
ENSG00000135409	0.00	0.00
ENSG00000135413	0.00	0.00
ENSG00000135414	833.50	586.50
ENSG00000135423	4.75	4.50
ENSG00000135424	2770.00	1719.75
ENSG00000135426	5.25	5.00
ENSG00000135436	13.25	10.50
ENSG00000135437	340.50	191.00
ENSG00000135439	234.25	241.00
ENSG00000135441	696.00	655.75
ENSG00000135443	0.00	0.00
ENSG00000135446	2543.50	1392.00
ENSG00000135447	0.50	1.00
ENSG00000135451	8.50	11.50
ENSG00000135452	518.75	528.50
ENSG00000135454	14.50	22.00
ENSG00000135457	602.75	510.25
ENSG00000135469	149.50	138.75
ENSG00000135472	280.00	86.00
ENSG00000135473	471.50	493.75
ENSG00000135476	49.00	60.75
ENSG00000135477	1.50	1.00
ENSG00000135480	174.75	350.50
ENSG00000135482	264.75	207.00
ENSG00000135486	11840.25	11931.00
ENSG00000135502	33.00	58.50
ENSG00000135503	697.25	837.00
ENSG00000135506	8788.75	7699.25
ENSG00000135517	1.75	0.25
ENSG00000135519	5.50	3.50
ENSG00000135521	370.00	401.25
ENSG00000135525	49.00	43.25
ENSG00000135535	7582.00	6634.00
ENSG00000135537	85.75	70.50
ENSG00000135540	569.75	764.25
ENSG00000135541	576.75	379.50
ENSG00000135547	0.75	1.00
ENSG00000135549	7.50	2.75
ENSG00000135569	0.00	0.00

ENSG00000135577	4.50	1.75
ENSG00000135587	114.50	82.00
ENSG00000135596	1223.00	1505.00
ENSG00000135597	441.25	391.00
ENSG00000135604	7.00	33.00
ENSG00000135605	29.00	20.50
ENSG00000135617	193.25	147.50
ENSG00000135622	332.00	270.75
ENSG00000135624	2572.50	2543.25
ENSG00000135625	0.00	0.00
ENSG00000135631	2018.75	1859.50
ENSG00000135632	491.25	437.00
ENSG00000135636	5.75	5.00
ENSG00000135637	141.75	120.75
ENSG00000135638	0.50	0.00
ENSG00000135643	18.25	12.00
ENSG00000135655	816.50	743.75
ENSG00000135677	10994.00	8959.50
ENSG00000135678	488.25	1318.75
ENSG00000135679	4326.00	2489.75
ENSG00000135686	1624.75	1749.75
ENSG00000135697	4.50	0.75
ENSG00000135698	291.50	289.75
ENSG00000135702	6.50	3.50
ENSG00000135709	1632.50	1226.75
ENSG00000135720	4716.50	4366.00
ENSG00000135722	150.25	131.00
ENSG00000135723	515.00	323.50
ENSG00000135736	308.25	253.75
ENSG00000135740	130.00	93.50
ENSG00000135744	1106.00	557.25
ENSG00000135747	38.75	21.75
ENSG00000135749	713.00	489.25
ENSG00000135750	56.25	78.00
ENSG00000135763	156.25	175.50
ENSG00000135766	1560.25	1711.25
ENSG00000135773	4.50	2.25
ENSG00000135775	509.25	439.00
ENSG00000135776	272.00	349.25
ENSG00000135778	827.75	573.25
ENSG00000135801	296.25	374.00
ENSG00000135821	4656.00	33031.50
ENSG00000135823	899.00	1148.75

ENSG00000135824	0.25	0.25
ENSG00000135828	388.50	344.25
ENSG00000135829	3708.25	3428.25
ENSG00000135835	542.50	486.50
ENSG00000135837	2717.25	2628.00
ENSG00000135838	51.50	68.50
ENSG00000135842	2720.75	1454.75
ENSG00000135845	315.50	354.50
ENSG00000135862	29218.25	40939.25
ENSG00000135870	671.00	738.25
ENSG00000135898	0.00	0.00
ENSG00000135899	485.25	569.75
ENSG00000135900	364.25	348.75
ENSG00000135902	0.00	0.00
ENSG00000135903	0.00	0.75
ENSG00000135905	548.75	525.75
ENSG00000135912	218.50	256.50
ENSG00000135913	206.25	204.00
ENSG00000135914	24.75	16.25
ENSG00000135916	4083.00	3716.00
ENSG00000135917	36.50	70.25
ENSG00000135919	12671.50	6840.50
ENSG00000135924	2203.00	1657.75
ENSG00000135925	0.75	0.00
ENSG00000135926	4632.25	5996.25
ENSG00000135929	1183.25	1051.25
ENSG00000135930	1327.25	1299.50
ENSG00000135931	941.50	1245.75
ENSG00000135932	1697.50	1742.75
ENSG00000135940	1097.50	1083.25
ENSG00000135945	451.50	399.00
ENSG00000135951	40.25	43.25
ENSG00000135953	214.50	180.75
ENSG00000135956	2307.75	2626.25
ENSG00000135960	0.00	0.00
ENSG00000135966	708.00	730.50
ENSG00000135968	1596.25	1356.75
ENSG00000135972	344.25	271.50
ENSG00000135973	0.50	1.00
ENSG00000135974	569.50	542.25
ENSG00000135976	345.25	217.25
ENSG00000135999	688.50	561.75
ENSG00000136002	40.00	23.25

ENSG00000136003	2930.25	2500.00
ENSG00000136010	2537.50	1905.50
ENSG00000136011	8.75	19.25
ENSG00000136014	210.00	255.00
ENSG00000136021	1306.50	1104.75
ENSG00000136026	4890.75	3886.75
ENSG00000136040	5092.50	4652.50
ENSG00000136044	2705.50	2235.50
ENSG00000136045	937.75	927.75
ENSG00000136048	6966.00	5333.75
ENSG00000136051	2047.75	2273.75
ENSG00000136052	467.75	242.25
ENSG00000136059	171.00	140.00
ENSG00000136068	1861.25	2428.75
ENSG00000136098	234.75	233.75
ENSG00000136099	0.00	0.00
ENSG00000136100	787.00	848.50
ENSG00000136104	363.50	293.50
ENSG00000136108	446.00	345.75
ENSG00000136110	0.00	0.00
ENSG00000136111	636.50	795.25
ENSG00000136114	113.25	116.50
ENSG00000136122	61.75	68.00
ENSG00000136141	662.50	405.50
ENSG00000136143	752.00	652.75
ENSG00000136144	1046.75	796.50
ENSG00000136146	677.25	682.00
ENSG00000136147	492.75	495.75
ENSG00000136149	14.25	18.00
ENSG00000136152	622.00	588.75
ENSG00000136153	3625.75	4315.00
ENSG00000136155	0.00	0.00
ENSG00000136156	13537.75	16977.50
ENSG00000136158	205.50	300.50
ENSG00000136159	239.50	211.50
ENSG00000136160	542.75	852.50
ENSG00000136161	305.75	317.25
ENSG00000136167	7.25	4.50
ENSG00000136169	482.75	434.25
ENSG00000136193	4485.00	5646.00
ENSG00000136197	60.25	53.75
ENSG00000136205	9568.75	8529.75
ENSG00000136206	11.75	6.25

ENSG00000136213	531.00	639.25
ENSG00000136231	349.00	401.00
ENSG00000136235	32392.75	22232.50
ENSG00000136237	24.50	214.75
ENSG00000136238	4865.00	5186.75
ENSG00000136240	5218.00	4796.00
ENSG00000136243	273.00	249.75
ENSG00000136244	215.25	130.25
ENSG00000136247	738.25	744.75
ENSG00000136250	0.00	0.75
ENSG00000136261	513.75	330.00
ENSG00000136267	32.50	11.25
ENSG00000136270	504.50	661.25
ENSG00000136271	735.00	805.25
ENSG00000136273	240.50	226.75
ENSG00000136274	423.50	320.25
ENSG00000136279	2159.75	1995.50
ENSG00000136280	674.00	662.50
ENSG00000136286	1.25	1.50
ENSG00000136295	2988.25	1767.50
ENSG00000136297	0.00	0.00
ENSG00000136305	20.25	17.25
ENSG00000136319	312.75	238.00
ENSG00000136327	0.00	0.25
ENSG00000136352	0.00	0.00
ENSG00000136367	66.00	44.75
ENSG00000136371	106.75	120.00
ENSG00000136378	1306.00	2094.50
ENSG00000136379	449.25	617.25
ENSG00000136381	1164.75	1160.25
ENSG00000136383	27.00	88.25
ENSG00000136404	24.75	41.75
ENSG00000136425	72.50	51.25
ENSG00000136436	2176.00	3980.75
ENSG00000136444	509.50	382.75
ENSG00000136448	3352.00	2995.50
ENSG00000136449	43.25	48.25
ENSG00000136450	2561.00	2418.00
ENSG00000136451	1703.25	1730.75
ENSG00000136457	19.00	19.00
ENSG00000136463	266.75	230.50
ENSG00000136478	2074.25	5355.25
ENSG00000136485	1774.75	1931.75

ENSG00000136487	0.00	0.00
ENSG00000136488	0.25	0.25
ENSG00000136490	73.75	62.00
ENSG00000136492	92.75	95.75
ENSG00000136504	850.25	678.25
ENSG00000136514	67.00	41.50
ENSG00000136518	518.00	456.50
ENSG00000136521	936.00	807.75
ENSG00000136522	333.00	336.75
ENSG00000136527	1432.25	1311.75
ENSG00000136531	374.25	171.00
ENSG00000136535	0.75	3.00
ENSG00000136536	2109.00	1624.25
ENSG00000136541	3.25	0.50
ENSG00000136542	3000.50	2525.75
ENSG00000136546	2887.50	6788.25
ENSG00000136560	1033.00	1360.75
ENSG00000136573	2.50	3.25
ENSG00000136574	0.00	0.00
ENSG00000136603	957.25	814.50
ENSG00000136628	3209.25	2316.25
ENSG00000136630	375.00	424.50
ENSG00000136631	793.00	673.75
ENSG00000136634	1.75	0.50
ENSG00000136636	1872.50	1398.50
ENSG00000136643	835.25	632.75
ENSG00000136682	350.50	338.50
ENSG00000136688	0.00	0.00
ENSG00000136689	2.75	0.00
ENSG00000136694	0.00	0.00
ENSG00000136695	0.00	0.00
ENSG00000136696	0.00	0.00
ENSG00000136697	0.00	0.00
ENSG00000136698	0.00	0.00
ENSG00000136699	1276.00	1157.00
ENSG00000136709	1202.75	1165.25
ENSG00000136710	712.00	607.50
ENSG00000136715	746.25	566.50
ENSG00000136717	886.00	576.75
ENSG00000136718	502.00	577.75
ENSG00000136720	1304.75	1738.75
ENSG00000136731	2928.75	2595.50
ENSG00000136732	1508.25	1131.25

ENSG00000136738	1041.25	847.25
ENSG00000136750	0.25	0.00
ENSG00000136754	1143.25	1167.50
ENSG00000136758	3530.00	3334.75
ENSG00000136770	605.25	520.00
ENSG00000136783	250.50	322.75
ENSG00000136802	1480.50	1328.75
ENSG00000136807	851.75	855.00
ENSG00000136810	3014.25	2706.75
ENSG00000136811	620.25	597.00
ENSG00000136813	2752.75	3023.50
ENSG00000136816	811.00	787.50
ENSG00000136819	1016.75	967.25
ENSG00000136824	605.50	502.75
ENSG00000136826	1696.25	899.75
ENSG00000136827	951.50	1026.00
ENSG00000136828	149.75	89.75
ENSG00000136830	15081.25	22258.00
ENSG00000136834	0.00	0.25
ENSG00000136839	0.00	0.00
ENSG00000136840	367.75	432.50
ENSG00000136842	177.00	125.25
ENSG00000136848	1803.25	1521.25
ENSG00000136854	1550.25	1347.50
ENSG00000136856	152.00	143.25
ENSG00000136859	9104.50	4338.75
ENSG00000136861	2002.00	1501.75
ENSG00000136866	73.50	57.75
ENSG00000136867	139.00	181.25
ENSG00000136868	970.00	1226.50
ENSG00000136869	232.50	345.00
ENSG00000136870	390.50	296.75
ENSG00000136872	3.00	2.75
ENSG00000136874	393.00	393.25
ENSG00000136875	535.75	496.00
ENSG00000136877	869.25	1258.75
ENSG00000136878	616.75	493.00
ENSG00000136881	0.50	0.50
ENSG00000136883	1.00	1.00
ENSG00000136888	1214.75	1011.75
ENSG00000136891	670.50	615.50
ENSG00000136895	62.50	46.75
ENSG00000136897	265.00	272.00

ENSG00000136908	393.75	405.25
ENSG00000136918	1.25	0.00
ENSG00000136925	561.75	436.50
ENSG00000136928	121.75	167.00
ENSG00000136929	3.00	1.75
ENSG00000136930	1928.25	1629.50
ENSG00000136931	0.00	0.00
ENSG00000136932	172.50	146.75
ENSG00000136933	383.50	353.50
ENSG00000136935	791.00	682.25
ENSG00000136936	232.75	183.75
ENSG00000136937	924.50	803.75
ENSG00000136938	2484.00	2427.00
ENSG00000136939	0.00	0.00
ENSG00000136940	520.00	407.25
ENSG00000136942	5324.25	4751.75
ENSG00000136943	4.25	7.75
ENSG00000136944	3.00	2.00
ENSG00000136950	385.25	363.25
ENSG00000136960	663.00	303.75
ENSG00000136982	84.75	75.50
ENSG00000136986	1511.00	1715.50
ENSG00000136997	572.50	968.00
ENSG00000136999	806.25	117.75
ENSG00000137033	978.50	747.00
ENSG00000137038	355.50	345.00
ENSG00000137040	529.75	433.00
ENSG00000137054	476.25	380.50
ENSG00000137055	705.75	575.50
ENSG00000137070	527.25	423.75
ENSG00000137073	808.00	755.50
ENSG00000137074	466.50	385.00
ENSG00000137075	915.50	927.25
ENSG00000137076	16866.75	23939.50
ENSG00000137077	0.00	0.25
ENSG00000137078	2.00	1.25
ENSG00000137080	0.00	0.00
ENSG00000137090	0.75	0.00
ENSG00000137094	398.00	312.00
ENSG00000137098	41.75	20.75
ENSG00000137100	862.50	704.75
ENSG00000137101	62.25	50.75
ENSG00000137103	569.75	548.75

ENSG00000137106	1206.25	1250.75
ENSG00000137124	487.00	901.00
ENSG00000137133	160.75	134.50
ENSG00000137135	37.75	32.00
ENSG00000137142	0.25	1.00
ENSG00000137145	1501.00	1467.75
ENSG00000137154	26478.00	23081.00
ENSG00000137161	588.75	545.00
ENSG00000137166	370.00	391.00
ENSG00000137168	297.50	285.00
ENSG00000137171	444.50	332.50
ENSG00000137177	4506.00	4631.00
ENSG00000137185	138.50	109.75
ENSG00000137193	1060.75	529.25
ENSG00000137197	0.00	0.00
ENSG00000137198	200.50	213.25
ENSG00000137200	1300.00	1248.50
ENSG00000137203	116.50	41.00
ENSG00000137204	0.25	0.00
ENSG00000137207	2349.00	2296.00
ENSG00000137210	664.50	625.25
ENSG00000137216	1003.00	805.50
ENSG00000137218	79.50	74.50
ENSG00000137221	654.50	646.00
ENSG00000137225	1.50	1.00
ENSG00000137251	0.00	0.00
ENSG00000137252	0.00	0.00
ENSG00000137261	12.25	5.25
ENSG00000137265	149.00	288.50
ENSG00000137266	328.25	120.75
ENSG00000137267	402.00	439.75
ENSG00000137269	110.50	140.00
ENSG00000137270	3.25	2.00
ENSG00000137273	3025.75	1686.25
ENSG00000137274	219.75	150.25
ENSG00000137275	1036.00	991.25
ENSG00000137285	48.50	34.75
ENSG00000137288	467.50	333.25
ENSG00000137309	3874.50	2509.50
ENSG00000137310	17.00	11.25
ENSG00000137312	437.25	487.50
ENSG00000137313	155.00	151.25
ENSG00000137321	0.00	0.00

ENSG00000137331	0.00	0.00
ENSG00000137332	0.25	1.00
ENSG00000137337	17.75	25.25
ENSG00000137338	172.00	162.00
ENSG00000137343	32.00	18.00
ENSG00000137345	0.00	0.00
ENSG00000137364	415.25	297.00
ENSG00000137384	0.00	0.00
ENSG00000137392	0.00	0.00
ENSG00000137393	71.25	248.75
ENSG00000137394	0.00	0.00
ENSG00000137397	0.00	0.00
ENSG00000137403	9.50	5.25
ENSG00000137404	23.00	14.25
ENSG00000137409	4555.50	3956.50
ENSG00000137411	75.50	52.00
ENSG00000137413	455.00	400.00
ENSG00000137414	1785.50	1720.75
ENSG00000137434	7.25	5.00
ENSG00000137440	0.00	0.00
ENSG00000137441	0.00	0.00
ENSG00000137449	252.50	249.50
ENSG00000137460	22.75	17.25
ENSG00000137462	34.75	25.50
ENSG00000137463	230.75	295.00
ENSG00000137473	1.00	0.25
ENSG00000137474	2.75	8.50
ENSG00000137478	758.25	872.00
ENSG00000137486	307.50	224.00
ENSG00000137491	2.75	2.00
ENSG00000137492	910.50	843.25
ENSG00000137494	360.25	307.75
ENSG00000137496	100.75	72.50
ENSG00000137497	9328.50	7003.00
ENSG00000137500	1118.50	913.75
ENSG00000137501	1192.00	802.50
ENSG00000137502	942.00	670.25
ENSG00000137504	1294.25	1222.25
ENSG00000137507	3594.50	3112.00
ENSG00000137509	3177.00	3144.50
ENSG00000137513	213.50	174.75
ENSG00000137522	381.75	314.25
ENSG00000137547	330.75	409.25

ENSG00000137558	0.00	1.00
ENSG00000137561	3.50	7.50
ENSG00000137563	238.50	272.50
ENSG00000137571	6.00	10.25
ENSG00000137573	16921.75	15595.50
ENSG00000137574	380.75	347.75
ENSG00000137575	7285.25	5450.75
ENSG00000137601	839.00	686.25
ENSG00000137628	505.00	433.25
ENSG00000137634	0.50	0.50
ENSG00000137642	22.75	14.00
ENSG00000137648	10.75	13.75
ENSG00000137656	211.50	160.50
ENSG00000137672	309.00	1019.00
ENSG00000137673	0.25	10.25
ENSG00000137674	0.00	0.50
ENSG00000137675	3.25	1.00
ENSG00000137691	80.25	73.00
ENSG00000137692	313.75	330.50
ENSG00000137693	5075.25	5771.00
ENSG00000137699	3.75	4.75
ENSG00000137700	174.75	147.00
ENSG00000137707	0.50	1.75
ENSG00000137709	5.75	5.25
ENSG00000137710	2323.25	1910.00
ENSG00000137713	995.25	770.75
ENSG00000137714	243.25	231.25
ENSG00000137720	166.00	136.75
ENSG00000137726	5.25	2.25
ENSG00000137727	1396.75	922.75
ENSG00000137731	0.50	0.50
ENSG00000137745	1.25	0.75
ENSG00000137747	8.00	5.00
ENSG00000137752	322.50	219.50
ENSG00000137757	0.00	0.25
ENSG00000137760	196.00	193.50
ENSG00000137764	546.75	539.50
ENSG00000137766	21.00	18.75
ENSG00000137767	1695.75	3222.50
ENSG00000137770	573.50	472.00
ENSG00000137776	1399.00	1308.75
ENSG00000137801	43944.75	146582.00
ENSG00000137802	711.50	762.00

ENSG00000137804	128.75	105.25
ENSG00000137806	205.25	233.50
ENSG00000137807	116.25	139.25
ENSG00000137809	1972.50	512.75
ENSG00000137812	49.25	39.25
ENSG00000137814	495.75	438.00
ENSG00000137815	1782.00	1457.75
ENSG00000137817	816.50	741.50
ENSG00000137818	20240.25	19427.50
ENSG00000137819	254.00	256.00
ENSG00000137821	350.00	203.50
ENSG00000137822	552.50	476.75
ENSG00000137824	610.50	623.25
ENSG00000137825	15.25	10.25
ENSG00000137831	3424.00	2367.00
ENSG00000137834	378.75	330.50
ENSG00000137841	5.50	1.50
ENSG00000137842	172.50	183.25
ENSG00000137843	2.00	1.25
ENSG00000137845	3948.50	3578.50
ENSG00000137857	33.50	40.75
ENSG00000137860	16.25	11.00
ENSG00000137868	7.00	6.00
ENSG00000137869	51.00	77.25
ENSG00000137871	785.50	657.00
ENSG00000137872	410.75	171.75
ENSG00000137875	0.75	0.50
ENSG00000137876	1217.75	1167.50
ENSG00000137877	13.75	22.00
ENSG00000137878	0.00	1.00
ENSG00000137880	38.50	120.00
ENSG00000137936	672.50	627.75
ENSG00000137941	539.00	464.25
ENSG00000137942	528.50	636.00
ENSG00000137944	613.00	550.75
ENSG00000137947	340.75	324.75
ENSG00000137948	1.50	0.50
ENSG00000137955	499.25	513.00
ENSG00000137959	59.25	152.75
ENSG00000137960	16.00	21.00
ENSG00000137962	2934.25	6122.75
ENSG00000137965	288.75	125.25
ENSG00000137968	7.25	3.75

ENSG00000137970	3.50	4.25
ENSG00000137975	718.25	424.50
ENSG00000137976	0.25	0.50
ENSG00000137992	729.25	700.75
ENSG00000137996	543.25	560.75
ENSG00000138002	659.75	527.00
ENSG00000138018	334.00	300.25
ENSG00000138028	242.00	325.50
ENSG00000138029	2454.75	2570.75
ENSG00000138030	30.00	43.00
ENSG00000138031	1523.25	1951.50
ENSG00000138032	696.25	961.25
ENSG00000138035	404.75	407.75
ENSG00000138036	382.25	417.75
ENSG00000138039	11.00	26.50
ENSG00000138050	163.50	131.25
ENSG00000138061	1921.00	1784.75
ENSG00000138068	0.25	0.00
ENSG00000138069	3386.25	3608.25
ENSG00000138071	5120.50	5565.75
ENSG00000138073	1173.25	2315.75
ENSG00000138074	302.25	624.75
ENSG00000138075	0.25	2.50
ENSG00000138078	2285.50	1279.50
ENSG00000138079	9.25	5.25
ENSG00000138080	12307.50	13357.50
ENSG00000138081	1454.75	1310.50
ENSG00000138083	0.75	1.00
ENSG00000138085	1861.00	1720.25
ENSG00000138092	253.75	170.75
ENSG00000138095	2289.50	1979.00
ENSG00000138100	1.50	0.50
ENSG00000138101	119.50	88.25
ENSG00000138107	3226.75	3199.25
ENSG00000138109	1.75	1.00
ENSG00000138111	89.50	77.25
ENSG00000138115	1.50	1.25
ENSG00000138119	15490.50	18124.00
ENSG00000138131	967.75	826.00
ENSG00000138134	291.25	267.25
ENSG00000138135	63.00	20.75
ENSG00000138136	0.00	0.00
ENSG00000138138	534.25	550.00

ENSG00000138152	0.25	0.50
ENSG00000138160	216.25	141.50
ENSG00000138161	26.25	18.50
ENSG00000138162	179.50	154.75
ENSG00000138166	247.25	597.75
ENSG00000138172	1214.75	1179.00
ENSG00000138175	564.50	533.75
ENSG00000138180	48.50	44.50
ENSG00000138182	223.50	133.00
ENSG00000138185	1092.00	733.75
ENSG00000138190	353.75	362.25
ENSG00000138193	297.50	428.25
ENSG00000138207	6.75	9.00
ENSG00000138231	272.00	252.00
ENSG00000138246	4464.75	4072.75
ENSG00000138271	0.75	0.75
ENSG00000138279	2517.50	2055.00
ENSG00000138286	815.75	653.75
ENSG00000138303	499.50	434.50
ENSG00000138308	0.50	0.00
ENSG00000138311	240.25	143.00
ENSG00000138315	0.25	0.75
ENSG00000138316	1439.00	269.00
ENSG00000138326	12023.75	10467.50
ENSG00000138336	92.25	76.50
ENSG00000138346	74.00	58.25
ENSG00000138347	21.25	10.00
ENSG00000138356	2601.75	6495.75
ENSG00000138363	1177.50	1147.75
ENSG00000138375	720.75	569.00
ENSG00000138376	112.00	97.25
ENSG00000138378	17.00	11.50
ENSG00000138379	77.50	235.50
ENSG00000138380	334.75	174.50
ENSG00000138381	1070.00	1069.75
ENSG00000138382	354.25	432.50
ENSG00000138385	1869.50	3257.50
ENSG00000138386	758.25	513.75
ENSG00000138395	134.25	100.50
ENSG00000138398	1447.00	1243.75
ENSG00000138399	193.50	169.00
ENSG00000138400	36.75	18.75
ENSG00000138411	58.50	40.75

ENSG00000138413	1684.25	1466.50
ENSG00000138430	1096.25	881.00
ENSG00000138433	900.00	705.50
ENSG00000138434	3841.25	3204.50
ENSG00000138435	3.75	2.00
ENSG00000138439	176.25	137.50
ENSG00000138442	435.75	411.75
ENSG00000138443	1466.75	1134.00
ENSG00000138448	6068.25	5837.50
ENSG00000138449	6689.50	7432.00
ENSG00000138459	867.75	975.75
ENSG00000138463	348.75	376.75
ENSG00000138468	451.00	235.25
ENSG00000138472	0.00	0.00
ENSG00000138483	0.75	10.50
ENSG00000138495	146.75	140.50
ENSG00000138496	1097.75	687.75
ENSG00000138587	89.25	50.75
ENSG00000138592	1618.00	1588.50
ENSG00000138593	2303.00	1962.00
ENSG00000138594	1891.25	1592.25
ENSG00000138600	1778.00	1733.75
ENSG00000138604	1118.00	1940.00
ENSG00000138606	139.00	97.75
ENSG00000138613	725.00	709.50
ENSG00000138614	553.75	512.00
ENSG00000138615	505.00	1134.00
ENSG00000138617	227.50	177.25
ENSG00000138621	87.00	82.75
ENSG00000138622	0.25	0.25
ENSG00000138623	273.75	364.75
ENSG00000138629	753.75	773.75
ENSG00000138639	557.75	497.25
ENSG00000138640	1071.50	997.00
ENSG00000138641	1100.25	1226.00
ENSG00000138642	261.25	134.75
ENSG00000138646	106.00	55.50
ENSG00000138650	202.75	125.75
ENSG00000138653	0.50	0.25
ENSG00000138658	88.75	50.00
ENSG00000138660	252.75	263.00
ENSG00000138663	723.75	596.00
ENSG00000138668	1815.00	1618.25

ENSG00000138669	438.25	168.50
ENSG00000138670	11.50	12.75
ENSG00000138674	10367.75	8369.25
ENSG00000138675	1783.25	1606.50
ENSG00000138678	84.25	155.00
ENSG00000138684	0.50	0.25
ENSG00000138685	1866.75	1498.75
ENSG00000138686	590.25	754.00
ENSG00000138688	4472.00	4075.50
ENSG00000138696	43.75	50.00
ENSG00000138698	1188.50	1125.25
ENSG00000138709	219.75	273.75
ENSG00000138722	0.75	0.50
ENSG00000138735	11092.00	4455.75
ENSG00000138738	326.25	315.50
ENSG00000138741	16.75	17.25
ENSG00000138744	173.25	256.50
ENSG00000138750	666.50	623.00
ENSG00000138755	0.25	0.50
ENSG00000138756	2318.75	1528.75
ENSG00000138757	3148.00	2960.00
ENSG00000138758	24664.25	25339.00
ENSG00000138759	17.75	26.75
ENSG00000138760	10491.00	9087.25
ENSG00000138764	1514.75	1311.75
ENSG00000138767	525.00	450.25
ENSG00000138768	2616.00	2817.75
ENSG00000138769	11.25	6.50
ENSG00000138771	999.50	1427.75
ENSG00000138772	77.75	63.75
ENSG00000138777	493.00	439.75
ENSG00000138778	197.75	168.00
ENSG00000138780	194.75	153.50
ENSG00000138785	309.00	290.50
ENSG00000138792	23.25	39.75
ENSG00000138794	191.25	133.25
ENSG00000138795	128.50	157.75
ENSG00000138796	571.75	521.50
ENSG00000138798	5.75	2.00
ENSG00000138801	1256.00	1078.75
ENSG00000138802	1115.00	1409.75
ENSG00000138813	6.50	2.25
ENSG00000138814	1401.50	1270.25

ENSG00000138821	371.50	318.00
ENSG00000138823	1.50	8.25
ENSG00000138829	6770.25	30340.00
ENSG00000138834	1566.25	1271.00
ENSG00000138835	998.50	862.25
ENSG00000138867	1866.00	1746.00
ENSG00000138892	0.00	0.00
ENSG00000138942	1299.00	1444.00
ENSG00000138944	379.50	168.00
ENSG00000138964	0.25	0.25
ENSG00000139044	1.25	0.00
ENSG00000139053	0.00	0.00
ENSG00000139055	6.50	29.00
ENSG00000139083	550.00	595.25
ENSG00000139112	6039.25	7254.25
ENSG00000139116	90.75	72.00
ENSG00000139117	221.25	167.00
ENSG00000139131	223.25	211.25
ENSG00000139132	487.25	1859.00
ENSG00000139133	57.00	57.00
ENSG00000139144	1.00	1.00
ENSG00000139146	55.50	69.75
ENSG00000139151	0.00	0.00
ENSG00000139154	838.75	658.50
ENSG00000139155	1.00	1.00
ENSG00000139160	133.50	89.25
ENSG00000139163	704.00	618.75
ENSG00000139168	814.75	667.25
ENSG00000139173	227.00	131.50
ENSG00000139174	703.50	671.25
ENSG00000139178	1909.00	1987.75
ENSG00000139180	599.00	535.75
ENSG00000139182	639.50	487.25
ENSG00000139187	17.25	10.00
ENSG00000139190	512.50	546.50
ENSG00000139192	292.50	221.00
ENSG00000139193	82.50	83.50
ENSG00000139194	88.25	76.25
ENSG00000139197	846.75	738.75
ENSG00000139200	446.00	524.75
ENSG00000139209	219.50	255.00
ENSG00000139211	207.00	254.75
ENSG00000139218	2355.00	2372.00

ENSG00000139219	0.00	0.50
ENSG00000139220	31.25	54.75
ENSG00000139223	0.00	0.00
ENSG00000139233	667.50	744.00
ENSG00000139239	4.50	2.00
ENSG00000139263	2401.00	1717.50
ENSG00000139266	183.50	186.25
ENSG00000139269	31.25	6.50
ENSG00000139278	2983.00	2703.75
ENSG00000139287	35.00	36.50
ENSG00000139289	4194.75	1862.75
ENSG00000139291	591.00	907.75
ENSG00000139292	2.25	9.00
ENSG00000139304	211.50	157.50
ENSG00000139318	183.25	204.25
ENSG00000139323	286.75	270.75
ENSG00000139324	1139.25	1064.50
ENSG00000139329	18741.00	9624.75
ENSG00000139330	1.00	0.00
ENSG00000139343	264.25	220.00
ENSG00000139344	41.75	27.25
ENSG00000139350	509.00	456.25
ENSG00000139351	9.00	8.50
ENSG00000139352	0.00	0.25
ENSG00000139354	186.50	82.75
ENSG00000139364	83.50	79.00
ENSG00000139370	545.25	574.50
ENSG00000139372	364.00	310.00
ENSG00000139405	208.75	194.50
ENSG00000139410	91.75	45.25
ENSG00000139428	147.75	100.00
ENSG00000139433	1037.75	1150.50
ENSG00000139436	2319.00	3026.50
ENSG00000139437	395.50	450.50
ENSG00000139438	6.75	4.00
ENSG00000139445	0.00	0.00
ENSG00000139496	682.25	742.75
ENSG00000139505	859.00	793.50
ENSG00000139508	249.25	205.25
ENSG00000139514	637.75	553.00
ENSG00000139515	0.00	0.00
ENSG00000139517	147.50	126.50
ENSG00000139531	402.50	295.50

ENSG00000139537	23.50	25.00
ENSG00000139540	0.50	3.00
ENSG00000139546	331.25	356.50
ENSG00000139547	19.00	16.00
ENSG00000139549	0.00	0.00
ENSG00000139567	693.25	1060.50
ENSG00000139572	0.00	0.00
ENSG00000139574	0.00	0.50
ENSG00000139579	386.25	364.00
ENSG00000139597	201.00	197.25
ENSG00000139610	2.50	0.50
ENSG00000139613	2778.25	2328.50
ENSG00000139618	103.25	63.00
ENSG00000139620	369.25	321.75
ENSG00000139624	647.75	802.00
ENSG00000139625	1931.50	1463.25
ENSG00000139626	7.00	6.00
ENSG00000139629	220.50	145.75
ENSG00000139631	418.00	324.50
ENSG00000139636	653.50	637.75
ENSG00000139637	547.50	509.75
ENSG00000139641	3483.25	3269.75
ENSG00000139644	11124.25	11951.50
ENSG00000139645	1613.00	1697.00
ENSG00000139648	0.00	0.00
ENSG00000139651	905.50	798.25
ENSG00000139656	1.50	3.25
ENSG00000139668	309.50	218.50
ENSG00000139675	111.75	77.75
ENSG00000139679	188.25	212.00
ENSG00000139684	2045.75	1987.00
ENSG00000139687	1185.00	1250.00
ENSG00000139697	1383.25	1247.00
ENSG00000139714	71.25	62.50
ENSG00000139718	968.50	1037.75
ENSG00000139719	562.25	474.50
ENSG00000139722	577.50	488.00
ENSG00000139725	159.75	158.75
ENSG00000139726	1241.00	1116.75
ENSG00000139734	159.00	205.00
ENSG00000139737	2.50	1.00
ENSG00000139746	1001.50	825.00
ENSG00000139767	3.75	2.50

ENSG00000139780	2.25	3.50
ENSG00000139793	1561.50	1861.00
ENSG00000139797	0.00	0.00
ENSG00000139800	0.25	0.00
ENSG00000139826	336.50	390.25
ENSG00000139832	84.00	112.25
ENSG00000139835	64.75	68.75
ENSG00000139842	2182.00	2266.50
ENSG00000139865	7.00	3.25
ENSG00000139874	270.75	237.50
ENSG00000139880	212.50	119.00
ENSG00000139890	6.50	6.00
ENSG00000139899	315.75	250.50
ENSG00000139908	41.75	27.75
ENSG00000139910	398.00	258.75
ENSG00000139914	1.50	0.75
ENSG00000139915	2.75	4.50
ENSG00000139921	1126.00	1241.75
ENSG00000139926	6796.50	5703.00
ENSG00000139946	522.00	292.00
ENSG00000139970	69.25	54.25
ENSG00000139971	173.25	140.00
ENSG00000139973	22.50	22.00
ENSG00000139974	516.00	410.25
ENSG00000139977	604.25	582.75
ENSG00000139985	16.25	11.50
ENSG00000139988	5.00	3.00
ENSG00000139990	1431.00	1102.00
ENSG00000139998	287.25	251.00
ENSG00000140006	98.50	88.50
ENSG00000140009	8.75	8.50
ENSG00000140015	22.25	8.25
ENSG00000140022	398.00	151.00
ENSG00000140025	140.00	83.00
ENSG00000140030	2.25	6.50
ENSG00000140043	219.75	181.75
ENSG00000140044	1601.00	1151.25
ENSG00000140057	13.50	13.25
ENSG00000140067	0.00	0.00
ENSG00000140090	14.00	8.75
ENSG00000140092	9027.75	10463.50
ENSG00000140093	7.50	5.50
ENSG00000140104	213.50	169.50

ENSG00000140105	4344.00	1508.00
ENSG00000140107	0.00	0.00
ENSG00000140153	355.75	334.75
ENSG00000140157	858.75	905.75
ENSG00000140199	1285.00	1079.25
ENSG00000140254	0.75	2.25
ENSG00000140259	934.50	776.00
ENSG00000140262	3358.00	2767.25
ENSG00000140263	297.25	238.25
ENSG00000140264	6893.00	6493.50
ENSG00000140265	626.25	489.50
ENSG00000140274	0.00	1.00
ENSG00000140279	1.50	1.50
ENSG00000140280	62.50	62.25
ENSG00000140284	2.00	2.25
ENSG00000140285	10854.75	8134.75
ENSG00000140287	0.50	0.00
ENSG00000140297	17.75	8.75
ENSG00000140299	1832.25	1888.50
ENSG00000140307	556.50	501.50
ENSG00000140319	4289.25	3742.00
ENSG00000140320	628.00	623.75
ENSG00000140323	129.25	53.75
ENSG00000140326	392.00	293.75
ENSG00000140332	575.50	380.75
ENSG00000140350	897.75	614.25
ENSG00000140365	756.75	762.50
ENSG00000140367	1179.75	1227.50
ENSG00000140368	16.25	15.50
ENSG00000140374	1231.00	1378.75
ENSG00000140379	24.50	14.50
ENSG00000140382	802.00	884.25
ENSG00000140386	315.50	316.00
ENSG00000140391	4979.25	4834.75
ENSG00000140395	573.75	535.00
ENSG00000140396	1694.00	1329.75
ENSG00000140398	175.25	235.25
ENSG00000140400	1820.25	1699.00
ENSG00000140403	84.50	96.25
ENSG00000140406	214.00	273.75
ENSG00000140416	4224.25	5743.00
ENSG00000140443	4014.00	5329.75
ENSG00000140450	1692.00	934.25

ENSG00000140451	141.50	149.75
ENSG00000140455	542.75	349.25
ENSG00000140459	32.50	39.50
ENSG00000140463	725.75	684.75
ENSG00000140464	1429.25	1579.00
ENSG00000140465	0.50	5.00
ENSG00000140470	4.50	12.00
ENSG00000140471	138.75	117.25
ENSG00000140474	328.75	349.75
ENSG00000140478	1.50	0.00
ENSG00000140479	112.50	73.00
ENSG00000140481	0.00	0.00
ENSG00000140488	38.25	50.25
ENSG00000140497	1270.00	1463.75
ENSG00000140505	12.00	9.25
ENSG00000140506	0.25	0.75
ENSG00000140511	95.75	199.50
ENSG00000140519	0.50	1.25
ENSG00000140521	908.00	1030.00
ENSG00000140522	0.25	0.00
ENSG00000140525	273.50	253.75
ENSG00000140526	1727.75	2102.00
ENSG00000140527	6.75	4.75
ENSG00000140534	51.00	50.50
ENSG00000140538	23.00	20.25
ENSG00000140543	185.50	128.00
ENSG00000140545	6346.50	13179.00
ENSG00000140548	393.50	348.75
ENSG00000140553	1864.75	1875.25
ENSG00000140557	0.00	0.00
ENSG00000140563	185.00	158.50
ENSG00000140564	2234.25	2933.50
ENSG00000140575	7416.75	7532.00
ENSG00000140577	1452.00	1362.75
ENSG00000140598	542.25	362.50
ENSG00000140600	19.75	3.75
ENSG00000140612	2434.00	2280.25
ENSG00000140623	0.00	1.25
ENSG00000140632	1958.75	1815.75
ENSG00000140650	512.75	615.25
ENSG00000140675	6.50	11.75
ENSG00000140678	5.00	4.75
ENSG00000140682	1550.50	2261.00

ENSG00000140688	1664.25	1623.00
ENSG00000140691	242.00	216.25
ENSG00000140694	469.75	449.75
ENSG00000140718	1333.00	1169.00
ENSG00000140740	1998.75	1748.25
ENSG00000140743	736.00	970.50
ENSG00000140749	16.75	7.50
ENSG00000140750	1328.25	1207.75
ENSG00000140795	56.75	52.50
ENSG00000140798	0.00	0.50
ENSG00000140807	61.00	276.75
ENSG00000140829	1277.50	1340.25
ENSG00000140830	179.75	161.00
ENSG00000140832	11.75	7.25
ENSG00000140835	0.25	0.00
ENSG00000140836	1429.00	1347.75
ENSG00000140839	0.50	1.75
ENSG00000140848	418.00	432.25
ENSG00000140853	417.25	451.50
ENSG00000140854	363.00	334.00
ENSG00000140859	701.25	784.00
ENSG00000140873	0.25	0.00
ENSG00000140876	81.25	67.00
ENSG00000140905	233.75	174.25
ENSG00000140931	682.75	677.50
ENSG00000140932	1.00	0.50
ENSG00000140937	10958.75	8875.75
ENSG00000140939	299.25	246.00
ENSG00000140941	3648.50	3408.25
ENSG00000140943	4301.50	3632.75
ENSG00000140945	664.00	851.25
ENSG00000140948	1572.50	1220.50
ENSG00000140950	453.75	509.25
ENSG00000140955	0.25	1.25
ENSG00000140961	199.50	183.50
ENSG00000140968	0.25	0.00
ENSG00000140983	976.25	1041.50
ENSG00000140986	11.50	13.25
ENSG00000140987	282.50	237.50
ENSG00000140988	22912.00	20527.50
ENSG00000140990	992.00	918.50
ENSG00000140992	1460.00	1426.25
ENSG00000140993	64.00	74.75

ENSG00000140995	981.50	1082.25
ENSG00000141002	2781.00	2360.00
ENSG00000141012	651.50	670.00
ENSG00000141013	286.25	264.00
ENSG00000141026	309.25	245.00
ENSG00000141027	2950.25	2933.75
ENSG00000141028	1.25	2.00
ENSG00000141030	739.25	573.50
ENSG00000141034	511.50	553.75
ENSG00000141040	177.75	139.00
ENSG00000141052	120.50	131.00
ENSG00000141068	664.25	450.25
ENSG00000141076	471.75	423.75
ENSG00000141084	587.50	530.00
ENSG00000141086	0.50	1.25
ENSG00000141096	0.50	0.00
ENSG00000141098	344.75	262.00
ENSG00000141101	769.25	646.50
ENSG00000141127	226.25	143.25
ENSG00000141161	1.25	0.25
ENSG00000141179	214.00	216.75
ENSG00000141194	0.00	0.00
ENSG00000141198	178.00	271.25
ENSG00000141200	0.00	0.00
ENSG00000141219	551.50	434.00
ENSG00000141232	941.25	936.25
ENSG00000141252	1106.25	1014.50
ENSG00000141255	4.00	8.00
ENSG00000141258	1905.00	1454.75
ENSG00000141279	5218.25	4687.75
ENSG00000141293	0.50	0.25
ENSG00000141294	16.25	18.75
ENSG00000141295	414.75	315.25
ENSG00000141298	1403.75	2786.00
ENSG00000141314	7.75	6.00
ENSG00000141316	1.75	1.00
ENSG00000141337	554.75	742.00
ENSG00000141338	4561.00	4093.50
ENSG00000141349	691.75	732.25
ENSG00000141367	12240.00	11488.25
ENSG00000141371	1.50	0.50
ENSG00000141376	690.25	743.50
ENSG00000141378	200.50	218.25

ENSG00000141380	1636.25	1644.00
ENSG00000141384	60.00	79.75
ENSG00000141385	809.75	852.75
ENSG00000141391	124.50	90.50
ENSG00000141401	239.00	987.25
ENSG00000141404	92.00	59.75
ENSG00000141424	2937.75	2373.75
ENSG00000141425	651.00	732.25
ENSG00000141428	203.25	173.00
ENSG00000141429	1978.75	1568.00
ENSG00000141431	66.25	18.00
ENSG00000141433	0.25	0.00
ENSG00000141434	2.00	1.25
ENSG00000141437	0.00	0.50
ENSG00000141441	154.25	169.50
ENSG00000141446	324.00	311.25
ENSG00000141447	2222.50	1574.00
ENSG00000141448	205.50	119.75
ENSG00000141449	2.75	4.00
ENSG00000141452	331.50	442.50
ENSG00000141456	917.00	774.00
ENSG00000141458	817.25	1258.25
ENSG00000141469	130.25	15.50
ENSG00000141480	170.00	127.50
ENSG00000141485	8.25	5.00
ENSG00000141497	11.00	11.00
ENSG00000141499	103.50	94.75
ENSG00000141503	1962.75	1707.25
ENSG00000141504	776.50	628.25
ENSG00000141505	16.75	11.00
ENSG00000141506	0.25	0.25
ENSG00000141510	1068.00	685.25
ENSG00000141519	120.25	103.25
ENSG00000141522	4116.25	5418.25
ENSG00000141524	4.00	6.00
ENSG00000141526	1627.00	3195.50
ENSG00000141527	86.50	101.25
ENSG00000141540	82.25	48.50
ENSG00000141542	333.00	240.25
ENSG00000141543	1031.00	1125.00
ENSG00000141551	3558.25	3122.25
ENSG00000141552	661.50	724.50
ENSG00000141556	1713.25	1509.50

ENSG00000141560	521.25	452.50
ENSG00000141562	812.25	631.25
ENSG00000141564	698.00	778.75
ENSG00000141568	966.50	933.00
ENSG00000141569	357.50	339.75
ENSG00000141570	153.50	175.25
ENSG00000141574	865.25	464.50
ENSG00000141576	158.25	285.75
ENSG00000141577	217.50	183.00
ENSG00000141579	1.75	0.50
ENSG00000141580	2083.75	1992.75
ENSG00000141582	359.25	354.75
ENSG00000141622	2.75	1.75
ENSG00000141627	1231.00	964.50
ENSG00000141639	0.25	0.00
ENSG00000141642	159.50	114.25
ENSG00000141644	1205.25	1058.25
ENSG00000141646	1633.50	1559.75
ENSG00000141655	16.25	9.75
ENSG00000141664	345.25	324.00
ENSG00000141665	51.75	36.75
ENSG00000141668	0.00	0.00
ENSG00000141682	100.50	86.25
ENSG00000141696	540.50	444.25
ENSG00000141698	696.00	586.00
ENSG00000141699	1039.50	1138.50
ENSG00000141736	1923.25	2007.25
ENSG00000141738	3.75	3.25
ENSG00000141741	486.75	546.75
ENSG00000141744	0.00	1.50
ENSG00000141748	3.75	2.00
ENSG00000141750	4.50	4.00
ENSG00000141753	89728.50	75958.00
ENSG00000141756	6998.50	5987.25
ENSG00000141759	497.50	535.00
ENSG00000141837	296.00	273.75
ENSG00000141854	28.50	28.25
ENSG00000141858	345.25	319.75
ENSG00000141867	1428.00	1771.75
ENSG00000141873	342.50	331.25
ENSG00000141905	4467.50	4481.75
ENSG00000141933	174.25	179.00
ENSG00000141934	103.50	48.00

ENSG00000141946	4.25	2.00
ENSG00000141956	249.50	181.00
ENSG00000141959	3404.75	3412.50
ENSG00000141965	445.50	428.25
ENSG00000141968	2.25	3.00
ENSG00000141971	392.00	412.25
ENSG00000141977	0.00	0.00
ENSG00000141979	0.00	0.00
ENSG00000141985	2020.75	2215.50
ENSG00000141994	238.25	223.50
ENSG00000142002	1395.50	1852.25
ENSG00000142025	0.75	0.50
ENSG00000142039	656.25	536.50
ENSG00000142046	193.00	233.00
ENSG00000142065	191.75	117.50
ENSG00000142082	363.75	312.00
ENSG00000142089	9416.75	9368.25
ENSG00000142102	552.25	707.50
ENSG00000142149	73.00	29.50
ENSG00000142156	84496.75	72210.00
ENSG00000142163	0.00	0.00
ENSG00000142166	2400.50	2119.00
ENSG00000142168	3311.00	3184.75
ENSG00000142173	98618.25	84065.25
ENSG00000142178	15.75	11.75
ENSG00000142182	0.00	0.00
ENSG00000142185	1.25	0.25
ENSG00000142186	2068.50	2038.50
ENSG00000142188	390.50	461.00
ENSG00000142192	30434.00	24675.00
ENSG00000142197	350.00	335.50
ENSG00000142207	886.50	912.75
ENSG00000142208	2737.75	3004.50
ENSG00000142224	1.00	2.75
ENSG00000142227	2919.25	1828.50
ENSG00000142230	1757.50	1621.75
ENSG00000142233	11.50	5.25
ENSG00000142235	11.50	10.75
ENSG00000142252	154.00	150.75
ENSG00000142273	0.00	0.00
ENSG00000142279	529.75	843.00
ENSG00000142303	450.75	341.00
ENSG00000142319	0.25	1.00

ENSG00000142327	898.25	1180.25
ENSG00000142330	251.00	243.25
ENSG00000142347	29.25	22.75
ENSG00000142396	658.00	611.75
ENSG00000142405	8.75	7.50
ENSG00000142408	106.75	115.25
ENSG00000142409	292.75	253.00
ENSG00000142444	185.25	153.50
ENSG00000142449	0.00	0.00
ENSG00000142453	1367.50	1155.25
ENSG00000142459	725.75	482.50
ENSG00000142484	0.00	0.00
ENSG00000142494	39.50	28.50
ENSG00000142507	1070.75	876.50
ENSG00000142511	0.25	0.00
ENSG00000142512	6.50	7.25
ENSG00000142513	1.00	0.25
ENSG00000142515	0.00	0.00
ENSG00000142528	167.25	151.50
ENSG00000142530	5.50	3.75
ENSG00000142534	16823.25	14931.50
ENSG00000142538	0.00	0.00
ENSG00000142539	0.00	0.00
ENSG00000142541	36040.00	31374.25
ENSG00000142544	31.00	42.25
ENSG00000142546	482.75	482.00
ENSG00000142549	1.25	0.50
ENSG00000142552	1951.50	1669.50
ENSG00000142556	225.75	176.75
ENSG00000142583	157.25	150.00
ENSG00000142599	3095.00	3102.75
ENSG00000142606	0.75	0.00
ENSG00000142609	16.75	13.50
ENSG00000142611	64.50	44.75
ENSG00000142615	2.00	0.00
ENSG00000142619	0.00	0.00
ENSG00000142621	2.50	1.25
ENSG00000142623	0.25	0.50
ENSG00000142627	82.50	55.50
ENSG00000142632	70.25	125.50
ENSG00000142634	523.75	648.00
ENSG00000142655	348.00	311.75
ENSG00000142657	3236.25	2800.00

ENSG00000142661	23.75	12.25
ENSG00000142669	2818.00	2449.00
ENSG00000142675	3.25	4.75
ENSG00000142676	13480.50	11507.00
ENSG00000142677	9.00	18.50
ENSG00000142684	131.25	142.75
ENSG00000142686	703.00	620.25
ENSG00000142687	2039.00	1938.50
ENSG00000142694	1053.50	983.50
ENSG00000142698	3.75	4.00
ENSG00000142700	16.50	14.50
ENSG00000142731	35.75	19.50
ENSG00000142733	789.75	828.25
ENSG00000142748	1.25	1.75
ENSG00000142751	649.75	673.75
ENSG00000142765	5.25	11.75
ENSG00000142784	1615.50	1708.75
ENSG00000142789	0.00	0.00
ENSG00000142794	951.50	1137.25
ENSG00000142798	16706.50	16252.75
ENSG00000142856	206.00	171.75
ENSG00000142864	5062.25	5912.50
ENSG00000142867	464.00	418.00
ENSG00000142871	2565.25	8306.50
ENSG00000142875	1329.50	823.00
ENSG00000142892	1362.50	1289.25
ENSG00000142910	107.75	186.75
ENSG00000142920	57.00	55.25
ENSG00000142937	18268.75	16014.50
ENSG00000142945	34.50	23.00
ENSG00000142949	2493.75	2134.50
ENSG00000142959	8.00	5.50
ENSG00000142961	401.25	384.00
ENSG00000142973	1.75	1.25
ENSG00000143001	1.50	6.00
ENSG00000143006	0.00	0.00
ENSG00000143013	1869.50	1253.75
ENSG00000143028	60.50	131.00
ENSG00000143032	0.00	0.00
ENSG00000143033	192.75	134.50
ENSG00000143036	95.50	117.75
ENSG00000143061	13.50	3.25
ENSG00000143067	295.50	168.25

ENSG00000143079	1488.50	1861.50
ENSG00000143093	1102.00	961.25
ENSG00000143105	0.00	0.00
ENSG00000143106	957.25	1173.50
ENSG00000143107	0.25	0.25
ENSG00000143110	7.00	7.75
ENSG00000143119	0.00	0.25
ENSG00000143125	0.00	3.50
ENSG00000143126	69.50	64.50
ENSG00000143127	53.25	424.75
ENSG00000143147	1284.00	1374.00
ENSG00000143149	2740.25	2550.00
ENSG00000143153	244.00	324.50
ENSG00000143155	933.50	891.75
ENSG00000143156	330.25	235.75
ENSG00000143157	812.75	877.75
ENSG00000143158	752.00	570.75
ENSG00000143162	3462.25	3267.00
ENSG00000143164	2688.50	3010.25
ENSG00000143167	0.25	0.00
ENSG00000143171	1.25	0.25
ENSG00000143178	81.50	74.25
ENSG00000143179	780.75	927.00
ENSG00000143183	1451.75	1390.50
ENSG00000143184	0.25	0.25
ENSG00000143185	0.00	0.25
ENSG00000143190	403.75	355.75
ENSG00000143194	0.50	0.25
ENSG00000143195	3.75	2.00
ENSG00000143196	1264.50	1936.50
ENSG00000143198	1528.25	1394.25
ENSG00000143199	2.75	5.00
ENSG00000143207	573.75	496.25
ENSG00000143217	5.50	3.50
ENSG00000143222	1088.75	963.75
ENSG00000143224	161.25	164.75
ENSG00000143226	47.25	25.50
ENSG00000143228	13.50	11.50
ENSG00000143248	150.50	113.00
ENSG00000143252	2226.50	2195.50
ENSG00000143256	308.75	305.75
ENSG00000143257	6.25	9.00
ENSG00000143258	428.00	306.25

ENSG00000143278	0.00	0.00
ENSG00000143294	806.50	659.50
ENSG00000143297	25.75	26.25
ENSG00000143303	292.75	308.75
ENSG00000143314	457.75	461.25
ENSG00000143315	308.75	274.00
ENSG00000143318	4.00	5.75
ENSG00000143319	449.50	389.00
ENSG00000143320	2496.50	691.50
ENSG00000143321	3741.50	3112.50
ENSG00000143322	979.00	1424.00
ENSG00000143324	1183.50	976.25
ENSG00000143333	13.50	20.75
ENSG00000143337	4064.50	3755.00
ENSG00000143340	2.25	2.00
ENSG00000143341	2175.75	1467.00
ENSG00000143344	1580.00	707.25
ENSG00000143353	222.00	266.25
ENSG00000143355	0.00	0.25
ENSG00000143363	318.75	260.50
ENSG00000143365	0.75	1.25
ENSG00000143367	267.25	188.00
ENSG00000143368	959.25	1015.25
ENSG00000143369	5011.75	4225.25
ENSG00000143373	650.75	514.25
ENSG00000143374	329.25	295.50
ENSG00000143375	3.00	5.25
ENSG00000143376	838.75	843.00
ENSG00000143379	673.00	607.50
ENSG00000143382	2701.50	4412.50
ENSG00000143384	5096.50	6899.00
ENSG00000143387	36391.50	31044.75
ENSG00000143390	821.50	579.75
ENSG00000143393	2169.75	1653.25
ENSG00000143398	1177.00	1455.50
ENSG00000143401	665.00	524.75
ENSG00000143409	576.50	403.25
ENSG00000143412	72.50	57.25
ENSG00000143416	1769.75	1026.75
ENSG00000143418	3694.00	3807.75
ENSG00000143420	1607.25	1363.00
ENSG00000143429	832.25	623.25
ENSG00000143434	166.00	207.25

ENSG00000143436	503.25	430.75
ENSG00000143437	2141.50	1891.00
ENSG00000143442	1460.00	1172.50
ENSG00000143443	159.25	94.50
ENSG00000143450	20.25	18.00
ENSG00000143452	0.75	0.50
ENSG00000143457	628.25	529.75
ENSG00000143458	386.50	401.25
ENSG00000143469	281.25	162.25
ENSG00000143473	4.75	2.00
ENSG00000143476	22.75	14.25
ENSG00000143479	255.25	233.75
ENSG00000143486	1486.25	1239.75
ENSG00000143493	401.25	257.00
ENSG00000143494	28.50	15.00
ENSG00000143498	122.00	73.00
ENSG00000143499	324.50	376.50
ENSG00000143502	0.00	0.00
ENSG00000143507	492.00	188.25
ENSG00000143512	15.00	6.50
ENSG00000143514	1099.75	1123.00
ENSG00000143515	8964.75	8546.25
ENSG00000143520	5.50	3.25
ENSG00000143536	0.00	0.00
ENSG00000143537	1540.75	1414.50
ENSG00000143543	1359.00	1335.25
ENSG00000143545	4969.75	4895.75
ENSG00000143546	0.00	0.00
ENSG00000143549	3973.50	4591.50
ENSG00000143552	2.00	0.50
ENSG00000143553	556.25	471.75
ENSG00000143554	250.75	260.75
ENSG00000143556	0.75	1.75
ENSG00000143569	4131.25	4136.50
ENSG00000143570	2129.25	2452.00
ENSG00000143575	915.75	793.25
ENSG00000143578	133.50	122.50
ENSG00000143590	28.00	22.75
ENSG00000143595	0.25	0.00
ENSG00000143603	4.75	3.00
ENSG00000143612	2721.00	2643.00
ENSG00000143614	294.00	326.25
ENSG00000143621	1671.00	1374.00

ENSG00000143622	423.50	319.00
ENSG00000143624	1352.25	1133.50
ENSG00000143627	0.00	0.25
ENSG00000143630	57.00	36.75
ENSG00000143631	235.25	118.25
ENSG00000143632	0.75	1.25
ENSG00000143633	132.50	119.00
ENSG00000143641	5634.25	6210.50
ENSG00000143643	191.75	242.75
ENSG00000143653	997.50	862.75
ENSG00000143669	1010.00	922.00
ENSG00000143674	4.00	3.00
ENSG00000143702	1914.75	1234.75
ENSG00000143727	1008.50	977.75
ENSG00000143740	649.75	435.25
ENSG00000143742	2508.75	2148.25
ENSG00000143748	361.25	217.00
ENSG00000143751	266.50	222.00
ENSG00000143753	2311.25	2783.00
ENSG00000143756	941.50	950.75
ENSG00000143761	5504.75	6381.50
ENSG00000143768	0.50	0.25
ENSG00000143771	871.50	1116.75
ENSG00000143772	1708.50	824.50
ENSG00000143774	2214.50	2162.00
ENSG00000143776	2626.00	2440.50
ENSG00000143786	114.25	56.50
ENSG00000143793	147.50	162.75
ENSG00000143797	959.25	659.75
ENSG00000143799	1740.00	1628.25
ENSG00000143801	246.00	287.75
ENSG00000143811	652.25	807.00
ENSG00000143815	584.25	543.25
ENSG00000143816	134.00	116.50
ENSG00000143819	2782.25	2243.00
ENSG00000143839	3.00	1.50
ENSG00000143842	197.25	210.00
ENSG00000143845	282.25	291.00
ENSG00000143847	596.25	435.00
ENSG00000143850	903.00	535.50
ENSG00000143851	9.00	11.75
ENSG00000143858	6.00	4.25
ENSG00000143862	511.00	543.25

ENSG00000143867	923.50	888.25
ENSG00000143869	154.75	529.75
ENSG00000143870	5576.00	5056.75
ENSG00000143878	2206.50	4464.75
ENSG00000143882	18.50	20.50
ENSG00000143889	818.25	621.50
ENSG00000143891	762.25	315.00
ENSG00000143919	103.75	85.75
ENSG00000143921	0.25	0.00
ENSG00000143924	1127.75	919.25
ENSG00000143933	6658.50	6390.25
ENSG00000143942	10.00	18.50
ENSG00000143947	8172.00	7685.00
ENSG00000143951	250.75	207.25
ENSG00000143952	663.50	616.75
ENSG00000143954	0.00	0.00
ENSG00000143970	1717.50	1510.75
ENSG00000143971	440.50	472.00
ENSG00000143977	428.25	438.75
ENSG00000143994	22.00	22.75
ENSG00000143995	2141.25	1712.75
ENSG00000144010	0.25	2.25
ENSG00000144015	0.00	2.00
ENSG00000144021	1326.50	1127.50
ENSG00000144026	336.50	246.25
ENSG00000144028	5089.50	4066.75
ENSG00000144029	660.75	679.00
ENSG00000144031	61.50	72.25
ENSG00000144034	166.00	125.25
ENSG00000144035	0.50	0.25
ENSG00000144036	1763.75	1320.50
ENSG00000144040	315.00	207.25
ENSG00000144043	3584.00	3462.25
ENSG00000144045	0.25	0.50
ENSG00000144048	420.75	391.25
ENSG00000144057	7.50	3.50
ENSG00000144061	198.75	144.00
ENSG00000144063	139.75	54.50
ENSG00000144115	501.25	500.25
ENSG00000144118	1106.25	1148.00
ENSG00000144119	0.00	0.00
ENSG00000144120	82.25	46.00
ENSG00000144130	0.00	0.00

ENSG00000144134	347.75	296.25
ENSG00000144136	873.25	568.50
ENSG00000144152	47.75	53.25
ENSG00000144158	0.00	0.00
ENSG00000144161	176.75	86.25
ENSG00000144182	71.50	56.75
ENSG00000144188	0.25	1.00
ENSG00000144191	46.00	24.75
ENSG00000144199	158.00	127.25
ENSG00000144214	8.75	8.50
ENSG00000144218	21.75	17.50
ENSG00000144224	3312.75	2979.00
ENSG00000144227	0.00	0.00
ENSG00000144228	440.25	540.75
ENSG00000144229	0.00	0.50
ENSG00000144230	9.25	20.00
ENSG00000144231	404.00	387.00
ENSG00000144233	665.75	753.50
ENSG00000144278	4.50	7.75
ENSG00000144283	1468.25	1430.25
ENSG00000144285	94.00	177.00
ENSG00000144290	1.75	2.25
ENSG00000144306	578.50	431.75
ENSG00000144320	2032.25	1842.75
ENSG00000144331	1.50	0.50
ENSG00000144339	31.75	15.25
ENSG00000144354	40.25	36.75
ENSG00000144355	3.75	3.00
ENSG00000144357	1184.25	1239.75
ENSG00000144362	58.00	154.00
ENSG00000144366	1312.50	1030.25
ENSG00000144369	1950.00	718.00
ENSG00000144381	2647.25	2275.25
ENSG00000144395	35.75	38.25
ENSG00000144401	364.25	304.00
ENSG00000144406	108.75	97.00
ENSG00000144407	4.50	3.75
ENSG00000144410	6.00	4.00
ENSG00000144426	656.75	616.50
ENSG00000144445	419.25	447.50
ENSG00000144451	244.25	207.50
ENSG00000144452	6.25	2.25
ENSG00000144455	1829.50	1626.00

ENSG00000144460	2.50	1.75
ENSG00000144468	760.00	625.25
ENSG00000144476	1633.00	1263.00
ENSG00000144481	7.50	9.75
ENSG00000144485	23.50	30.00
ENSG00000144488	72.50	30.75
ENSG00000144504	160.25	133.25
ENSG00000144524	627.75	455.50
ENSG00000144535	256.25	268.25
ENSG00000144550	2.50	0.25
ENSG00000144554	60.50	72.25
ENSG00000144559	103.50	81.75
ENSG00000144560	993.50	894.50
ENSG00000144566	1182.00	1169.00
ENSG00000144567	2749.00	2364.50
ENSG00000144579	1967.00	1806.25
ENSG00000144580	569.00	539.75
ENSG00000144583	166.00	241.75
ENSG00000144589	322.50	282.25
ENSG00000144591	749.75	711.75
ENSG00000144596	6.00	1.25
ENSG00000144597	328.00	338.00
ENSG00000144619	1.50	3.25
ENSG00000144635	668.00	606.25
ENSG00000144642	1469.00	1442.75
ENSG00000144644	56.25	26.00
ENSG00000144645	173.50	143.00
ENSG00000144647	622.75	596.00
ENSG00000144648	19.25	44.75
ENSG00000144649	109.75	175.25
ENSG00000144655	103.75	117.50
ENSG00000144659	477.50	486.25
ENSG00000144668	30.00	25.50
ENSG00000144671	0.25	0.50
ENSG00000144674	3481.25	3014.00
ENSG00000144677	959.50	1023.00
ENSG00000144681	232.50	231.00
ENSG00000144711	1363.25	1075.50
ENSG00000144712	285.00	246.50
ENSG00000144713	13551.00	11442.25
ENSG00000144724	2573.00	4511.25
ENSG00000144730	1086.25	548.75
ENSG00000144736	478.00	303.75

ENSG00000144741	140.75	143.50
ENSG00000144744	1198.75	1245.25
ENSG00000144746	5118.75	6563.75
ENSG00000144747	1410.25	1611.75
ENSG00000144749	1520.50	1492.75
ENSG00000144771	1.50	1.75
ENSG00000144785	111.25	127.25
ENSG00000144791	768.25	800.50
ENSG00000144792	31.50	33.75
ENSG00000144802	348.00	456.75
ENSG00000144810	2852.50	4539.75
ENSG00000144815	1021.00	799.75
ENSG00000144820	0.25	0.00
ENSG00000144821	7.75	5.75
ENSG00000144824	2222.75	1523.75
ENSG00000144827	446.50	250.75
ENSG00000144834	0.75	0.50
ENSG00000144837	41.25	21.25
ENSG00000144840	420.00	411.00
ENSG00000144843	90.50	98.25
ENSG00000144847	1.25	1.50
ENSG00000144848	783.75	653.25
ENSG00000144852	0.25	1.25
ENSG00000144857	1310.75	1830.00
ENSG00000144867	637.75	657.25
ENSG00000144868	5.25	4.75
ENSG00000144891	74.75	150.00
ENSG00000144893	30.75	28.00
ENSG00000144895	1398.25	1207.75
ENSG00000144908	5.75	12.25
ENSG00000144909	346.00	321.25
ENSG00000144935	525.50	459.75
ENSG00000144959	239.75	326.00
ENSG00000144962	0.00	0.00
ENSG00000145002	8.25	7.00
ENSG00000145012	4595.75	6317.25
ENSG00000145014	350.75	243.00
ENSG00000145016	407.75	451.50
ENSG00000145020	243.00	175.25
ENSG00000145022	545.00	603.50
ENSG00000145029	433.00	353.00
ENSG00000145040	11.00	19.00
ENSG00000145041	588.50	714.25

ENSG00000145050	670.50	838.75
ENSG00000145075	373.75	406.50
ENSG00000145087	0.00	0.25
ENSG00000145088	5.50	1.75
ENSG00000145103	2.25	0.50
ENSG00000145107	5.00	3.25
ENSG00000145113	0.25	0.00
ENSG00000145147	1209.75	1358.50
ENSG00000145191	587.25	630.50
ENSG00000145192	0.25	0.00
ENSG00000145194	18.00	32.50
ENSG00000145198	0.50	1.50
ENSG00000145214	444.50	498.00
ENSG00000145216	963.75	794.00
ENSG00000145217	112.25	68.00
ENSG00000145220	143.50	150.50
ENSG00000145241	373.25	292.75
ENSG00000145242	48.00	16.00
ENSG00000145244	89.00	275.00
ENSG00000145246	1055.00	956.00
ENSG00000145247	160.00	145.50
ENSG00000145248	0.75	0.50
ENSG00000145283	8.50	3.50
ENSG00000145284	580.00	549.25
ENSG00000145287	7.50	5.75
ENSG00000145293	449.25	385.00
ENSG00000145309	0.00	0.00
ENSG00000145321	0.00	0.00
ENSG00000145331	80.25	61.50
ENSG00000145332	309.00	361.25
ENSG00000145335	52.75	62.25
ENSG00000145337	324.50	385.50
ENSG00000145348	1517.00	1403.75
ENSG00000145349	4085.50	4326.25
ENSG00000145354	354.50	380.00
ENSG00000145358	55.00	23.75
ENSG00000145362	2895.75	1264.25
ENSG00000145365	136.75	99.50
ENSG00000145375	94.25	107.00
ENSG00000145384	2.75	3.75
ENSG00000145386	139.25	272.75
ENSG00000145388	568.00	509.25
ENSG00000145390	2964.75	12845.25

ENSG00000145391	4345.50	4260.00
ENSG00000145414	164.50	149.50
ENSG00000145416	54.00	43.25
ENSG00000145423	77.50	26.25
ENSG00000145425	18418.25	16402.50
ENSG00000145428	20.25	11.25
ENSG00000145431	1409.75	756.75
ENSG00000145439	266.75	293.25
ENSG00000145451	4.00	2.25
ENSG00000145476	659.50	600.00
ENSG00000145491	5.50	1.50
ENSG00000145494	517.75	440.00
ENSG00000145495	2750.00	2469.25
ENSG00000145506	44.75	112.75
ENSG00000145526	16.25	10.25
ENSG00000145536	5.00	1.50
ENSG00000145545	503.75	503.75
ENSG00000145555	7915.75	9038.75
ENSG00000145569	8.00	41.75
ENSG00000145592	13245.50	11856.50
ENSG00000145604	477.00	816.00
ENSG00000145623	5781.25	7628.50
ENSG00000145626	0.50	0.00
ENSG00000145632	734.00	348.75
ENSG00000145642	0.25	0.00
ENSG00000145649	0.00	0.00
ENSG00000145675	1950.75	4662.25
ENSG00000145681	949.50	1055.00
ENSG00000145685	2986.50	1208.75
ENSG00000145687	975.50	579.00
ENSG00000145692	6.50	6.25
ENSG00000145700	10.00	6.00
ENSG00000145703	105.00	65.75
ENSG00000145708	0.75	0.25
ENSG00000145715	1632.75	1364.25
ENSG00000145721	2.75	0.50
ENSG00000145723	92.50	77.00
ENSG00000145725	1295.00	1059.00
ENSG00000145730	12370.75	12104.75
ENSG00000145734	64.75	135.25
ENSG00000145736	106.50	120.75
ENSG00000145740	1207.00	1311.00
ENSG00000145741	5715.25	5355.75

ENSG00000145743	557.25	534.75
ENSG00000145757	18.75	30.50
ENSG00000145777	277.75	39.50
ENSG00000145779	1286.00	1466.50
ENSG00000145780	659.50	560.25
ENSG00000145781	232.75	213.75
ENSG00000145782	1482.75	1417.75
ENSG00000145794	5.50	5.25
ENSG00000145808	7.75	2.25
ENSG00000145817	2370.00	1838.00
ENSG00000145819	534.00	472.75
ENSG00000145824	4.75	5.25
ENSG00000145826	6.75	5.00
ENSG00000145832	1.75	0.50
ENSG00000145833	1218.75	1298.75
ENSG00000145835	0.00	0.00
ENSG00000145839	0.00	0.00
ENSG00000145850	0.00	0.00
ENSG00000145860	1059.75	1226.25
ENSG00000145861	133.00	58.75
ENSG00000145863	0.00	0.00
ENSG00000145864	0.00	0.25
ENSG00000145868	913.75	903.75
ENSG00000145879	1.25	0.00
ENSG00000145882	170.00	159.25
ENSG00000145888	1.00	1.25
ENSG00000145901	2185.25	3154.25
ENSG00000145907	2950.25	3072.50
ENSG00000145908	162.50	99.75
ENSG00000145911	99.75	34.75
ENSG00000145912	601.75	561.25
ENSG00000145916	559.75	417.75
ENSG00000145919	1242.75	1004.00
ENSG00000145920	0.50	0.00
ENSG00000145934	11.50	19.25
ENSG00000145936	11.50	14.50
ENSG00000145945	120.75	134.00
ENSG00000145949	45.25	59.25
ENSG00000145975	1.00	1.00
ENSG00000145979	142.75	129.75
ENSG00000145982	155.25	150.75
ENSG00000145990	158.00	179.75
ENSG00000145996	236.50	175.25

ENSG00000146001	15.50	13.00
ENSG00000146005	2.25	2.50
ENSG00000146006	140.25	9.00
ENSG00000146007	1366.75	1193.25
ENSG00000146013	0.00	0.00
ENSG00000146021	92.50	71.00
ENSG00000146038	12.50	3.00
ENSG00000146039	0.50	0.00
ENSG00000146047	0.00	0.00
ENSG00000146049	0.00	0.25
ENSG00000146054	29.00	38.25
ENSG00000146063	923.75	1045.75
ENSG00000146066	733.25	647.75
ENSG00000146067	1095.25	837.00
ENSG00000146070	1.25	0.75
ENSG00000146072	1981.00	1663.00
ENSG00000146083	428.00	377.00
ENSG00000146085	923.00	989.25
ENSG00000146090	0.75	0.00
ENSG00000146094	43.75	73.25
ENSG00000146109	256.00	251.00
ENSG00000146112	978.00	837.75
ENSG00000146122	1372.75	3807.25
ENSG00000146143	501.25	347.50
ENSG00000146147	1.50	6.00
ENSG00000146151	2.50	2.75
ENSG00000146166	4.50	4.25
ENSG00000146192	8.00	7.00
ENSG00000146197	163.50	191.25
ENSG00000146205	24.00	21.50
ENSG00000146215	0.50	0.25
ENSG00000146216	0.25	1.00
ENSG00000146221	11.25	8.75
ENSG00000146223	2450.75	2375.50
ENSG00000146232	106.50	82.50
ENSG00000146233	101.25	146.75
ENSG00000146242	1090.00	765.50
ENSG00000146243	162.75	117.50
ENSG00000146247	1989.25	1339.00
ENSG00000146250	595.25	79.75
ENSG00000146263	286.75	180.25
ENSG00000146267	7.00	5.75
ENSG00000146276	0.25	0.00

ENSG00000146278	2017.50	2469.75
ENSG00000146281	356.50	491.75
ENSG00000146282	1027.50	1000.25
ENSG00000146285	3.00	1.25
ENSG00000146350	182.00	168.50
ENSG00000146352	1.75	2.25
ENSG00000146360	0.00	0.00
ENSG00000146373	746.50	1030.75
ENSG00000146374	99.75	101.00
ENSG00000146376	427.75	494.00
ENSG00000146378	0.00	0.00
ENSG00000146383	0.00	0.00
ENSG00000146385	0.00	0.00
ENSG00000146386	143.00	205.75
ENSG00000146399	0.00	0.00
ENSG00000146409	222.75	122.75
ENSG00000146410	13.25	16.00
ENSG00000146411	1460.25	713.00
ENSG00000146414	683.25	510.50
ENSG00000146416	741.00	531.75
ENSG00000146425	848.75	732.75
ENSG00000146426	265.50	274.50
ENSG00000146433	1542.25	1720.25
ENSG00000146453	1.00	1.00
ENSG00000146457	1609.75	1458.00
ENSG00000146463	1715.50	1714.75
ENSG00000146469	0.00	0.25
ENSG00000146476	609.00	652.50
ENSG00000146477	4.75	11.00
ENSG00000146530	0.00	0.50
ENSG00000146535	2747.00	3284.50
ENSG00000146540	349.75	299.00
ENSG00000146555	1103.50	777.00
ENSG00000146556	490.50	379.75
ENSG00000146574	404.75	426.00
ENSG00000146576	323.25	285.50
ENSG00000146587	397.50	401.00
ENSG00000146592	1197.50	271.00
ENSG00000146618	0.00	0.00
ENSG00000146648	5698.25	4474.00
ENSG00000146670	43.25	35.50
ENSG00000146674	3549.50	4081.00
ENSG00000146676	1022.75	1008.50

ENSG00000146677	1.25	1.25
ENSG00000146678	0.00	0.50
ENSG00000146700	8.75	5.75
ENSG00000146701	1884.00	1941.75
ENSG00000146707	117.00	91.00
ENSG00000146722	5.00	5.00
ENSG00000146729	719.25	640.00
ENSG00000146731	1829.75	1853.75
ENSG00000146733	228.25	180.75
ENSG00000146755	0.00	0.25
ENSG00000146757	102.75	84.00
ENSG00000146776	301.00	225.00
ENSG00000146802	780.00	658.75
ENSG00000146809	0.25	1.00
ENSG00000146826	236.25	231.00
ENSG00000146828	501.25	598.75
ENSG00000146830	1617.50	1708.00
ENSG00000146833	1022.75	822.50
ENSG00000146834	1045.00	916.25
ENSG00000146839	0.00	0.00
ENSG00000146842	352.50	299.00
ENSG00000146856	40.50	30.75
ENSG00000146857	0.00	0.00
ENSG00000146858	124.50	160.00
ENSG00000146859	1169.00	1102.50
ENSG00000146872	868.50	835.75
ENSG00000146904	23.00	25.50
ENSG00000146909	391.00	418.75
ENSG00000146910	0.00	0.00
ENSG00000146918	300.50	268.25
ENSG00000146926	0.00	0.00
ENSG00000146938	127.50	259.25
ENSG00000146950	44.00	109.75
ENSG00000146955	0.00	0.00
ENSG00000146963	1381.75	1178.75
ENSG00000146966	2416.00	3088.00
ENSG00000147003	7.75	6.00
ENSG00000147010	1712.50	1569.50
ENSG00000147027	8525.25	16605.50
ENSG00000147036	10.00	9.75
ENSG00000147041	19.25	5.75
ENSG00000147044	1167.75	801.75
ENSG00000147050	493.50	387.75

ENSG00000147059	50.50	32.50
ENSG00000147065	11073.00	10589.25
ENSG00000147081	0.00	0.00
ENSG00000147082	8.25	3.50
ENSG00000147099	269.50	264.75
ENSG00000147100	1619.25	1090.25
ENSG00000147113	5.00	4.00
ENSG00000147117	5.50	3.25
ENSG00000147118	169.75	144.25
ENSG00000147119	249.00	695.25
ENSG00000147121	249.75	218.00
ENSG00000147123	737.50	627.75
ENSG00000147124	256.25	220.00
ENSG00000147127	5.75	6.50
ENSG00000147130	1291.00	818.75
ENSG00000147133	1244.50	1216.50
ENSG00000147138	0.00	0.00
ENSG00000147140	6347.50	4271.75
ENSG00000147144	118.75	83.00
ENSG00000147145	40.50	43.75
ENSG00000147155	118.25	92.75
ENSG00000147160	0.25	0.00
ENSG00000147162	6050.75	5599.25
ENSG00000147164	1660.50	1406.50
ENSG00000147166	3.50	1.75
ENSG00000147168	3.75	2.25
ENSG00000147174	31.75	29.75
ENSG00000147180	24.75	12.50
ENSG00000147183	0.00	0.00
ENSG00000147202	1078.50	1612.50
ENSG00000147206	1.00	0.25
ENSG00000147223	1.25	1.00
ENSG00000147224	746.00	487.75
ENSG00000147231	53.75	31.50
ENSG00000147234	41.75	17.75
ENSG00000147246	0.00	0.50
ENSG00000147251	1917.25	2249.00
ENSG00000147255	4.50	2.50
ENSG00000147256	0.00	0.00
ENSG00000147257	1201.25	1164.50
ENSG00000147262	0.00	0.00
ENSG00000147274	3692.00	2329.00
ENSG00000147316	329.25	262.75

ENSG00000147324	410.00	540.00
ENSG00000147364	586.75	447.00
ENSG00000147378	0.25	0.00
ENSG00000147381	0.00	0.00
ENSG00000147383	257.00	253.50
ENSG00000147394	147.50	151.25
ENSG00000147400	870.00	680.00
ENSG00000147403	22615.50	21709.50
ENSG00000147408	637.50	898.00
ENSG00000147416	2219.00	2238.25
ENSG00000147419	1022.50	887.75
ENSG00000147421	340.50	275.75
ENSG00000147432	0.00	0.00
ENSG00000147434	0.00	0.00
ENSG00000147437	88.75	107.75
ENSG00000147439	468.00	486.00
ENSG00000147443	0.75	0.25
ENSG00000147454	1026.25	770.50
ENSG00000147457	706.00	714.50
ENSG00000147459	958.00	1449.75
ENSG00000147465	12.50	8.25
ENSG00000147471	539.75	580.50
ENSG00000147475	2120.50	1470.25
ENSG00000147481	1.25	0.25
ENSG00000147485	0.75	2.25
ENSG00000147488	2.50	0.25
ENSG00000147509	110.00	65.75
ENSG00000147526	6508.75	10483.50
ENSG00000147533	1143.25	883.75
ENSG00000147535	587.75	475.25
ENSG00000147536	150.00	98.25
ENSG00000147548	2062.75	1715.25
ENSG00000147570	3.75	2.00
ENSG00000147571	0.00	0.00
ENSG00000147573	4.50	1.50
ENSG00000147576	182.25	361.00
ENSG00000147586	171.25	157.75
ENSG00000147588	1.00	0.75
ENSG00000147592	326.25	406.50
ENSG00000147596	3.50	2.75
ENSG00000147601	751.75	574.50
ENSG00000147604	18938.50	16078.25
ENSG00000147606	8.25	11.50

ENSG00000147613	0.00	0.00
ENSG00000147614	5.75	6.50
ENSG00000147642	429.75	304.75
ENSG00000147647	5.75	4.00
ENSG00000147649	3405.50	3833.00
ENSG00000147650	655.00	546.50
ENSG00000147654	230.25	186.50
ENSG00000147655	247.50	72.75
ENSG00000147669	511.50	500.75
ENSG00000147676	2.50	0.50
ENSG00000147677	3657.75	3239.25
ENSG00000147679	420.00	449.50
ENSG00000147684	848.75	817.50
ENSG00000147687	301.50	270.25
ENSG00000147689	6.00	4.00
ENSG00000147697	2.25	2.00
ENSG00000147724	2.00	4.25
ENSG00000147789	358.00	302.25
ENSG00000147799	97.00	77.75
ENSG00000147804	101.75	110.75
ENSG00000147813	171.50	208.50
ENSG00000147852	2026.75	1503.25
ENSG00000147853	2604.75	2484.25
ENSG00000147854	1313.75	1081.25
ENSG00000147862	1150.50	925.25
ENSG00000147869	0.00	0.00
ENSG00000147872	3200.25	3256.00
ENSG00000147873	0.00	0.00
ENSG00000147874	589.25	698.50
ENSG00000147883	804.25	265.25
ENSG00000147885	0.00	0.00
ENSG00000147889	1055.00	747.25
ENSG00000147894	67.25	79.75
ENSG00000147896	0.00	0.00
ENSG00000147905	496.00	351.75
ENSG00000147912	336.50	387.75
ENSG00000147955	1243.50	1227.75
ENSG00000147996	280.75	285.00
ENSG00000148019	361.25	298.00
ENSG00000148053	48.50	65.25
ENSG00000148057	80.00	56.50
ENSG00000148082	2828.00	4224.50
ENSG00000148090	276.00	194.50

ENSG00000148110	1386.25	1676.00
ENSG00000148120	435.75	918.50
ENSG00000148123	0.00	0.00
ENSG00000148136	0.25	0.00
ENSG00000148143	312.50	293.75
ENSG00000148153	500.75	350.75
ENSG00000148154	1473.25	2176.00
ENSG00000148156	0.25	0.00
ENSG00000148158	996.75	659.00
ENSG00000148175	7852.25	19374.75
ENSG00000148180	12394.75	16200.00
ENSG00000148187	444.75	387.25
ENSG00000148200	11.50	8.50
ENSG00000148204	0.25	0.00
ENSG00000148215	0.00	0.25
ENSG00000148218	1831.00	1644.00
ENSG00000148219	298.50	182.75
ENSG00000148225	213.25	150.50
ENSG00000148229	494.50	495.75
ENSG00000148248	2732.75	2855.00
ENSG00000148288	53.25	54.00
ENSG00000148290	229.25	203.50
ENSG00000148291	68.50	66.50
ENSG00000148296	318.25	315.25
ENSG00000148297	417.75	353.25
ENSG00000148300	295.25	262.75
ENSG00000148303	11538.00	9789.50
ENSG00000148308	718.00	654.75
ENSG00000148331	528.50	562.75
ENSG00000148334	488.75	471.75
ENSG00000148335	365.50	337.25
ENSG00000148337	2980.50	2600.75
ENSG00000148339	320.75	419.50
ENSG00000148341	1417.50	1108.00
ENSG00000148343	540.75	648.25
ENSG00000148344	606.75	313.00
ENSG00000148346	0.00	0.00
ENSG00000148356	419.25	284.75
ENSG00000148357	4.75	4.25
ENSG00000148358	3273.75	3512.75
ENSG00000148362	204.75	171.75
ENSG00000148377	0.00	0.00
ENSG00000148384	346.50	365.75

ENSG00000148386	0.00	0.25
ENSG00000148396	2595.50	2864.75
ENSG00000148399	339.25	253.25
ENSG00000148400	332.50	198.75
ENSG00000148408	7.25	2.00
ENSG00000148411	1175.50	1410.25
ENSG00000148426	93.50	138.00
ENSG00000148429	417.25	308.50
ENSG00000148444	457.00	383.00
ENSG00000148450	400.00	375.50
ENSG00000148459	38.50	40.00
ENSG00000148468	721.75	414.75
ENSG00000148481	583.50	568.25
ENSG00000148482	0.00	0.75
ENSG00000148483	14.00	12.75
ENSG00000148484	2568.50	2770.25
ENSG00000148488	5.50	4.50
ENSG00000148498	1013.50	876.25
ENSG00000148513	0.50	0.00
ENSG00000148516	10168.75	12349.75
ENSG00000148541	227.25	119.75
ENSG00000148572	708.75	588.25
ENSG00000148584	1.25	3.00
ENSG00000148600	0.00	0.25
ENSG00000148602	0.00	0.00
ENSG00000148604	2.50	4.00
ENSG00000148606	654.25	570.75
ENSG00000148634	1611.50	1490.00
ENSG00000148655	52.00	49.75
ENSG00000148660	928.75	735.25
ENSG00000148671	305.00	253.75
ENSG00000148672	2844.00	3141.75
ENSG00000148677	0.75	12.50
ENSG00000148680	5.50	15.25
ENSG00000148688	353.00	327.50
ENSG00000148690	407.50	385.00
ENSG00000148700	5946.50	5066.00
ENSG00000148702	0.25	0.25
ENSG00000148704	0.00	0.25
ENSG00000148719	1041.25	1194.75
ENSG00000148730	2686.50	3855.50
ENSG00000148734	14.50	12.75
ENSG00000148735	6.50	4.25

ENSG00000148737	802.00	751.50
ENSG00000148773	116.00	59.50
ENSG00000148795	15.75	7.00
ENSG00000148798	8.50	10.00
ENSG00000148803	131.25	116.25
ENSG00000148814	272.50	179.75
ENSG00000148824	297.00	313.00
ENSG00000148826	0.00	0.50
ENSG00000148832	79.00	73.50
ENSG00000148834	1121.25	1405.00
ENSG00000148835	95.75	88.75
ENSG00000148840	691.25	579.50
ENSG00000148841	522.00	669.00
ENSG00000148842	471.25	381.75
ENSG00000148843	873.25	999.50
ENSG00000148848	2377.00	605.50
ENSG00000148908	526.00	307.25
ENSG00000148925	627.25	430.50
ENSG00000148926	14462.00	20962.00
ENSG00000148935	7.50	5.75
ENSG00000148942	5.75	5.75
ENSG00000148943	429.50	415.75
ENSG00000148948	5.25	6.00
ENSG00000148950	67.50	72.50
ENSG00000148965	0.00	0.00
ENSG00000148985	332.50	227.75
ENSG00000149016	301.00	262.25
ENSG00000149021	0.00	0.00
ENSG00000149043	0.25	1.50
ENSG00000149050	83.75	68.50
ENSG00000149054	61.50	72.25
ENSG00000149084	1378.50	1363.00
ENSG00000149089	261.00	255.00
ENSG00000149090	7836.25	5486.25
ENSG00000149091	1265.00	939.75
ENSG00000149100	2131.50	2014.00
ENSG00000149115	7999.25	8606.00
ENSG00000149124	2.50	2.50
ENSG00000149131	18483.00	21945.25
ENSG00000149133	0.00	0.00
ENSG00000149136	2001.25	1907.75
ENSG00000149150	554.00	594.00
ENSG00000149177	383.00	475.00

ENSG00000149179	453.75	372.25
ENSG00000149182	1224.25	1141.25
ENSG00000149187	1589.50	1329.75
ENSG00000149196	408.75	402.75
ENSG00000149201	10.75	9.25
ENSG00000149212	3575.50	2282.75
ENSG00000149218	892.25	3265.25
ENSG00000149231	585.25	612.75
ENSG00000149243	19.75	23.00
ENSG00000149256	1039.25	406.50
ENSG00000149257	8870.50	5359.75
ENSG00000149260	1710.00	1218.25
ENSG00000149262	573.00	430.50
ENSG00000149269	1268.50	978.00
ENSG00000149273	14331.25	12895.25
ENSG00000149289	346.50	479.00
ENSG00000149292	240.25	192.00
ENSG00000149294	0.50	5.25
ENSG00000149295	0.25	0.25
ENSG00000149300	17.75	15.25
ENSG00000149305	3.25	3.00
ENSG00000149308	490.75	410.00
ENSG00000149311	2428.00	2060.50
ENSG00000149313	733.00	628.50
ENSG00000149328	3.50	6.00
ENSG00000149346	125.25	74.50
ENSG00000149357	1552.75	1409.25
ENSG00000149380	257.50	285.75
ENSG00000149403	82.00	16.50
ENSG00000149418	1.50	1.25
ENSG00000149428	988.75	1186.75
ENSG00000149435	0.00	1.50
ENSG00000149451	7375.75	6064.50
ENSG00000149452	0.00	0.00
ENSG00000149474	355.75	306.75
ENSG00000149476	399.75	338.25
ENSG00000149480	1317.25	1149.25
ENSG00000149483	522.00	406.25
ENSG00000149485	1319.00	1172.75
ENSG00000149488	62.25	91.50
ENSG00000149489	154.75	161.25
ENSG00000149499	1121.75	1175.00
ENSG00000149503	271.25	207.25

ENSG00000149506	4.25	2.25
ENSG00000149507	0.00	0.00
ENSG00000149516	0.25	0.50
ENSG00000149527	4.25	3.50
ENSG00000149531	126.50	119.25
ENSG00000149532	1362.00	1202.50
ENSG00000149534	5.50	2.00
ENSG00000149541	419.75	498.75
ENSG00000149547	2058.00	1923.75
ENSG00000149548	26.75	16.00
ENSG00000149554	351.25	341.00
ENSG00000149557	1760.25	1344.50
ENSG00000149564	6.75	4.75
ENSG00000149571	446.00	356.25
ENSG00000149573	1.75	0.50
ENSG00000149575	175.50	90.75
ENSG00000149577	1101.75	1600.75
ENSG00000149582	226.00	186.75
ENSG00000149591	8031.50	18346.25
ENSG00000149596	27.75	46.00
ENSG00000149599	0.75	1.25
ENSG00000149600	724.75	649.00
ENSG00000149609	9.75	9.25
ENSG00000149633	401.25	116.00
ENSG00000149634	25.75	19.50
ENSG00000149635	0.00	0.00
ENSG00000149636	225.25	159.75
ENSG00000149639	1611.75	1360.50
ENSG00000149646	8.75	3.25
ENSG00000149651	0.00	0.50
ENSG00000149654	0.75	0.00
ENSG00000149657	927.75	753.00
ENSG00000149658	848.50	773.75
ENSG00000149679	193.00	190.75
ENSG00000149716	441.25	413.50
ENSG00000149735	0.00	0.25
ENSG00000149742	0.75	1.50
ENSG00000149743	293.00	297.00
ENSG00000149761	362.75	439.75
ENSG00000149781	16.75	20.00
ENSG00000149782	719.75	789.75
ENSG00000149792	952.00	597.25
ENSG00000149798	876.00	783.00

ENSG00000149806	3707.00	3591.50
ENSG00000149809	86.25	121.75
ENSG00000149823	1473.75	1458.00
ENSG00000149922	19.50	12.25
ENSG00000149923	1076.25	1158.50
ENSG00000149925	19692.00	17822.00
ENSG00000149926	6.25	3.50
ENSG00000149927	12.00	5.00
ENSG00000149929	203.50	196.75
ENSG00000149930	1686.25	1471.75
ENSG00000149932	1120.00	1011.75
ENSG00000149948	601.75	661.00
ENSG00000149968	73.25	51.50
ENSG00000149970	7.00	12.00
ENSG00000149972	0.25	0.00
ENSG00000150045	1.75	2.50
ENSG00000150048	1.50	3.50
ENSG00000150051	34.25	36.50
ENSG00000150054	24.25	29.50
ENSG00000150076	18.00	12.25
ENSG00000150093	49484.00	56642.00
ENSG00000150175	1.00	0.25
ENSG00000150201	0.00	0.00
ENSG00000150244	0.00	0.50
ENSG00000150261	0.00	0.00
ENSG00000150269	0.00	0.00
ENSG00000150275	3.00	2.25
ENSG00000150276	0.00	0.00
ENSG00000150281	298.25	264.25
ENSG00000150316	785.75	686.25
ENSG00000150337	10.00	3.75
ENSG00000150347	10491.25	10360.00
ENSG00000150361	0.00	0.00
ENSG00000150394	16.25	11.75
ENSG00000150401	275.00	245.75
ENSG00000150403	3575.00	4008.00
ENSG00000150433	261.50	217.25
ENSG00000150455	171.75	136.75
ENSG00000150456	135.50	104.00
ENSG00000150457	2441.25	2533.50
ENSG00000150459	2146.50	2084.50
ENSG00000150471	10.00	1.75
ENSG00000150477	434.75	359.25

ENSG00000150510	296.00	428.25
ENSG00000150526	4.00	7.00
ENSG00000150527	304.25	295.25
ENSG00000150540	874.50	1334.50
ENSG00000150551	1.00	1.00
ENSG00000150556	1.50	2.00
ENSG00000150593	3598.25	2008.25
ENSG00000150594	69.50	13.25
ENSG00000150625	14.50	13.00
ENSG00000150627	72.00	77.75
ENSG00000150628	4.25	2.25
ENSG00000150630	1598.50	1079.75
ENSG00000150636	115.25	45.00
ENSG00000150637	17.00	9.00
ENSG00000150656	7.00	6.50
ENSG00000150667	22.00	11.00
ENSG00000150672	47.00	61.50
ENSG00000150676	2.75	3.50
ENSG00000150681	1.00	2.50
ENSG00000150687	10289.25	5002.25
ENSG00000150712	709.25	902.75
ENSG00000150722	18.75	18.00
ENSG00000150732	0.00	0.00
ENSG00000150750	0.00	0.00
ENSG00000150753	1925.50	2299.50
ENSG00000150756	207.75	151.25
ENSG00000150760	3309.00	3054.25
ENSG00000150764	1167.75	1194.00
ENSG00000150768	431.00	533.00
ENSG00000150773	31.00	28.50
ENSG00000150776	681.50	519.00
ENSG00000150779	281.25	235.00
ENSG00000150782	3.50	4.25
ENSG00000150783	1.00	1.25
ENSG00000150787	366.50	351.25
ENSG00000150867	721.00	769.00
ENSG00000150873	5.25	4.75
ENSG00000150893	2.50	2.00
ENSG00000150907	244.75	1062.50
ENSG00000150938	8198.50	15319.75
ENSG00000150961	2925.50	2480.50
ENSG00000150967	105.25	53.75
ENSG00000150977	713.50	888.25

ENSG00000150990	314.75	452.25
ENSG00000150991	31004.75	33908.50
ENSG00000150995	2356.75	2880.00
ENSG00000151005	0.00	0.00
ENSG00000151006	57.75	68.00
ENSG00000151012	1315.75	603.75
ENSG00000151014	48.00	41.75
ENSG00000151023	4.25	2.75
ENSG00000151025	2.50	1.50
ENSG00000151033	0.00	0.00
ENSG00000151062	33.50	28.25
ENSG00000151065	488.50	328.00
ENSG00000151067	2581.00	1643.75
ENSG00000151079	0.00	0.00
ENSG00000151090	416.00	477.75
ENSG00000151092	436.25	392.75
ENSG00000151093	111.25	102.75
ENSG00000151116	703.00	759.75
ENSG00000151117	100.25	91.25
ENSG00000151131	58.75	44.75
ENSG00000151135	2507.25	1984.50
ENSG00000151136	19.50	30.25
ENSG00000151148	1705.25	1655.25
ENSG00000151150	19.00	18.50
ENSG00000151151	286.00	417.00
ENSG00000151164	35.25	17.75
ENSG00000151176	5375.25	5137.75
ENSG00000151208	1707.00	1986.50
ENSG00000151224	0.25	0.00
ENSG00000151229	380.00	461.50
ENSG00000151233	700.25	690.25
ENSG00000151239	3291.25	2812.00
ENSG00000151240	1209.25	988.00
ENSG00000151247	878.00	720.50
ENSG00000151276	265.75	405.75
ENSG00000151287	119.00	149.00
ENSG00000151292	880.00	813.00
ENSG00000151304	152.75	151.25
ENSG00000151320	88.50	177.00
ENSG00000151322	4.25	8.00
ENSG00000151327	682.25	782.75
ENSG00000151332	421.00	269.00
ENSG00000151338	359.25	299.50

ENSG00000151348	2724.25	2352.25
ENSG00000151353	505.00	427.50
ENSG00000151360	0.00	0.00
ENSG00000151364	34.75	33.50
ENSG00000151365	2.75	2.25
ENSG00000151366	1580.50	1602.75
ENSG00000151376	470.25	316.00
ENSG00000151379	0.00	0.00
ENSG00000151388	992.00	869.25
ENSG00000151413	249.75	243.25
ENSG00000151414	2793.25	2798.50
ENSG00000151418	0.00	0.00
ENSG00000151422	933.50	901.25
ENSG00000151445	526.00	437.75
ENSG00000151458	1077.25	909.50
ENSG00000151461	1262.75	1094.50
ENSG00000151465	1027.00	1012.00
ENSG00000151466	185.25	163.50
ENSG00000151468	87.25	121.25
ENSG00000151470	112.25	67.75
ENSG00000151474	511.50	407.75
ENSG00000151475	0.00	0.00
ENSG00000151490	81.25	58.50
ENSG00000151491	1547.50	2082.00
ENSG00000151498	428.25	411.25
ENSG00000151500	497.00	362.75
ENSG00000151502	1452.50	1071.75
ENSG00000151503	346.75	328.25
ENSG00000151532	592.25	668.00
ENSG00000151552	440.75	391.00
ENSG00000151553	1332.25	1359.75
ENSG00000151572	46.00	48.25
ENSG00000151575	122.75	70.00
ENSG00000151576	221.75	220.00
ENSG00000151577	0.00	0.00
ENSG00000151611	234.75	219.00
ENSG00000151612	724.50	476.00
ENSG00000151615	0.00	0.00
ENSG00000151617	206.00	134.00
ENSG00000151623	115.00	45.00
ENSG00000151631	0.25	0.25
ENSG00000151632	2113.00	1531.00
ENSG00000151640	158.50	110.75

ENSG00000151650	6.00	7.25
ENSG00000151651	28.75	18.00
ENSG00000151655	4.00	3.50
ENSG00000151657	228.75	217.25
ENSG00000151665	387.50	392.00
ENSG00000151687	81.00	63.00
ENSG00000151689	405.50	303.75
ENSG00000151690	668.00	1298.25
ENSG00000151692	13.75	18.00
ENSG00000151693	1241.00	1169.00
ENSG00000151694	1250.75	1610.75
ENSG00000151702	41.75	39.50
ENSG00000151704	3.25	1.25
ENSG00000151715	2.25	4.50
ENSG00000151718	1086.00	1171.25
ENSG00000151725	29.50	40.50
ENSG00000151726	786.50	2127.50
ENSG00000151729	291.50	415.50
ENSG00000151743	83.50	48.25
ENSG00000151746	346.00	279.50
ENSG00000151748	1463.50	1226.50
ENSG00000151773	198.50	188.00
ENSG00000151778	138.25	128.25
ENSG00000151779	1695.75	1390.50
ENSG00000151789	210.75	98.25
ENSG00000151790	19.00	9.25
ENSG00000151806	499.75	506.25
ENSG00000151812	6.25	4.00
ENSG00000151834	1.75	1.00
ENSG00000151835	4321.25	2477.25
ENSG00000151838	0.25	0.00
ENSG00000151846	0.75	0.50
ENSG00000151849	142.75	168.75
ENSG00000151876	145.50	142.75
ENSG00000151881	227.75	154.50
ENSG00000151882	111.25	88.25
ENSG00000151883	393.25	327.75
ENSG00000151892	2052.25	1131.75
ENSG00000151893	927.50	1333.75
ENSG00000151914	18534.50	13644.75
ENSG00000151917	395.00	236.50
ENSG00000151923	1310.75	1130.50
ENSG00000151929	1104.00	1352.50

ENSG00000151948	2.25	0.25
ENSG00000151952	0.00	0.00
ENSG00000151962	0.50	0.00
ENSG00000151963	0.00	0.50
ENSG00000151967	62.75	34.25
ENSG00000152034	2.00	1.00
ENSG00000152049	330.50	348.00
ENSG00000152056	34.00	29.75
ENSG00000152061	642.50	626.50
ENSG00000152076	144.75	124.00
ENSG00000152078	73.50	60.75
ENSG00000152082	844.00	913.00
ENSG00000152086	0.00	0.50
ENSG00000152092	1.00	0.75
ENSG00000152093	0.00	0.00
ENSG00000152102	3563.25	3264.25
ENSG00000152104	3191.50	3333.00
ENSG00000152117	288.50	240.00
ENSG00000152127	3675.25	3432.25
ENSG00000152128	2.25	0.50
ENSG00000152133	350.75	281.25
ENSG00000152137	785.50	565.00
ENSG00000152147	163.50	128.00
ENSG00000152154	102.00	102.75
ENSG00000152192	0.00	0.25
ENSG00000152193	334.00	322.25
ENSG00000152207	5.75	4.00
ENSG00000152208	0.50	0.00
ENSG00000152213	4.00	2.25
ENSG00000152214	0.00	0.00
ENSG00000152217	1571.50	1264.75
ENSG00000152219	599.75	524.00
ENSG00000152223	3044.75	3710.00
ENSG00000152229	169.25	157.00
ENSG00000152234	5517.00	5162.25
ENSG00000152240	295.75	257.75
ENSG00000152242	401.50	430.50
ENSG00000152253	6.75	8.50
ENSG00000152254	0.25	0.00
ENSG00000152256	926.25	640.50
ENSG00000152266	0.00	0.00
ENSG00000152270	511.25	374.75
ENSG00000152284	517.25	396.25

ENSG00000152291	8502.75	8275.75
ENSG00000152292	9.00	12.25
ENSG00000152315	0.25	0.00
ENSG00000152332	2495.50	3584.25
ENSG00000152348	120.00	119.00
ENSG00000152359	101.75	75.75
ENSG00000152377	5415.75	8824.75
ENSG00000152380	40.50	35.75
ENSG00000152382	120.00	113.25
ENSG00000152402	110.50	38.50
ENSG00000152404	281.25	243.50
ENSG00000152409	1012.50	913.50
ENSG00000152413	143.25	130.50
ENSG00000152422	116.25	118.25
ENSG00000152430	1.25	1.50
ENSG00000152433	88.75	56.25
ENSG00000152439	222.00	163.25
ENSG00000152443	417.75	282.25
ENSG00000152454	72.50	61.50
ENSG00000152455	134.75	109.75
ENSG00000152457	277.25	250.75
ENSG00000152463	2.00	16.75
ENSG00000152464	161.00	146.25
ENSG00000152465	756.50	718.25
ENSG00000152467	2.50	1.50
ENSG00000152475	40.25	27.25
ENSG00000152484	735.25	957.75
ENSG00000152492	3175.25	2952.25
ENSG00000152495	121.00	50.50
ENSG00000152503	1.50	7.50
ENSG00000152518	6793.00	9798.25
ENSG00000152520	694.00	623.25
ENSG00000152527	803.50	999.50
ENSG00000152556	1606.75	1216.25
ENSG00000152558	4883.25	5225.25
ENSG00000152578	3.25	1.25
ENSG00000152580	9191.50	3987.50
ENSG00000152582	162.00	159.75
ENSG00000152583	95.75	1737.50
ENSG00000152591	0.00	0.25
ENSG00000152592	0.25	0.00
ENSG00000152595	0.00	0.00
ENSG00000152601	4939.00	7603.75

ENSG00000152611	0.50	1.25
ENSG00000152620	365.75	263.50
ENSG00000152642	203.75	281.25
ENSG00000152661	2855.00	2316.00
ENSG00000152669	0.25	2.50
ENSG00000152670	0.00	0.50
ENSG00000152672	0.00	0.00
ENSG00000152683	763.25	709.00
ENSG00000152684	546.25	492.25
ENSG00000152689	26.75	25.50
ENSG00000152700	1084.25	1104.25
ENSG00000152705	2.50	2.75
ENSG00000152749	286.75	303.50
ENSG00000152760	1.00	0.50
ENSG00000152763	123.25	88.50
ENSG00000152766	0.25	0.75
ENSG00000152767	2835.50	2894.00
ENSG00000152778	526.25	522.25
ENSG00000152779	14.50	89.75
ENSG00000152782	118.25	87.25
ENSG00000152784	993.75	893.75
ENSG00000152785	10.75	11.50
ENSG00000152795	3183.50	3055.25
ENSG00000152804	300.75	286.25
ENSG00000152818	3955.25	4667.25
ENSG00000152822	2.50	5.50
ENSG00000152894	1541.00	1180.25
ENSG00000152904	558.50	524.00
ENSG00000152910	0.00	0.25
ENSG00000152926	544.25	333.25
ENSG00000152932	1.00	0.50
ENSG00000152936	3.25	2.25
ENSG00000152939	16.00	15.00
ENSG00000152942	270.75	187.25
ENSG00000152944	449.00	413.50
ENSG00000152952	2758.25	2309.25
ENSG00000152953	68.00	81.50
ENSG00000152954	29.75	24.25
ENSG00000152969	0.75	0.00
ENSG00000152977	1.50	0.00
ENSG00000152990	886.25	482.00
ENSG00000153002	3.75	0.00
ENSG00000153006	510.75	570.00

ENSG00000153012	13.50	1.75
ENSG00000153015	512.00	440.00
ENSG00000153029	1698.50	1332.25
ENSG00000153037	406.75	418.50
ENSG00000153044	61.75	40.00
ENSG00000153046	606.00	438.75
ENSG00000153048	1823.75	1825.25
ENSG00000153060	1.50	1.75
ENSG00000153064	43.25	47.00
ENSG00000153066	625.00	862.75
ENSG00000153071	12613.50	12112.25
ENSG00000153086	10.00	9.50
ENSG00000153093	16.50	13.25
ENSG00000153094	611.00	406.75
ENSG00000153107	961.75	1037.50
ENSG00000153113	8044.75	9359.50
ENSG00000153130	874.50	967.50
ENSG00000153132	206.25	123.50
ENSG00000153140	282.50	214.50
ENSG00000153147	3058.25	2721.00
ENSG00000153157	5.50	5.00
ENSG00000153162	96.50	175.50
ENSG00000153165	7.00	3.75
ENSG00000153179	1149.50	1431.50
ENSG00000153187	7229.00	7152.00
ENSG00000153201	3442.25	3421.50
ENSG00000153207	1162.50	2422.25
ENSG00000153208	120.25	43.75
ENSG00000153214	971.00	1343.50
ENSG00000153230	0.00	0.00
ENSG00000153233	3.50	1.25
ENSG00000153234	57.50	58.00
ENSG00000153237	44.50	42.25
ENSG00000153246	1202.00	1186.00
ENSG00000153250	3809.25	4264.75
ENSG00000153253	416.25	308.00
ENSG00000153266	0.00	0.00
ENSG00000153283	5.75	8.00
ENSG00000153291	472.00	515.25
ENSG00000153292	14.75	7.50
ENSG00000153294	0.00	0.50
ENSG00000153303	2.50	1.75
ENSG00000153310	231.75	221.50

ENSG00000153317	3869.00	4083.75
ENSG00000153339	1212.00	1231.00
ENSG00000153347	0.00	0.00
ENSG00000153391	142.50	89.75
ENSG00000153395	394.75	428.25
ENSG00000153404	5.50	4.50
ENSG00000153406	192.75	176.25
ENSG00000153443	279.75	409.50
ENSG00000153446	19.25	9.75
ENSG00000153485	44.75	41.00
ENSG00000153487	215.00	209.75
ENSG00000153495	18.75	18.75
ENSG00000153498	1.00	0.75
ENSG00000153531	62.00	37.50
ENSG00000153551	153.75	159.25
ENSG00000153558	266.50	231.25
ENSG00000153560	1337.50	1409.50
ENSG00000153561	491.00	481.25
ENSG00000153563	0.25	0.25
ENSG00000153574	165.00	181.50
ENSG00000153684	0.00	0.00
ENSG00000153707	638.00	477.50
ENSG00000153714	880.75	635.50
ENSG00000153721	649.25	321.75
ENSG00000153767	222.00	233.50
ENSG00000153774	1027.25	931.75
ENSG00000153779	0.00	0.00
ENSG00000153786	4373.25	4310.50
ENSG00000153789	5.25	4.50
ENSG00000153790	102.50	109.25
ENSG00000153802	0.50	0.00
ENSG00000153814	1092.50	898.25
ENSG00000153815	509.00	383.50
ENSG00000153820	0.25	0.00
ENSG00000153822	3.75	3.00
ENSG00000153823	1183.25	1667.00
ENSG00000153827	5434.50	5465.00
ENSG00000153832	113.75	93.50
ENSG00000153879	496.25	294.25
ENSG00000153885	164.75	107.25
ENSG00000153896	134.25	98.50
ENSG00000153898	67.25	86.50
ENSG00000153902	38.75	24.50

ENSG00000153904	1884.75	4420.50
ENSG00000153914	1859.25	1557.50
ENSG00000153922	698.25	617.75
ENSG00000153923	0.00	0.00
ENSG00000153930	6.50	7.25
ENSG00000153933	127.75	153.75
ENSG00000153936	1495.00	2602.50
ENSG00000153944	744.75	668.75
ENSG00000153956	1588.75	1197.00
ENSG00000153975	129.50	133.25
ENSG00000153976	139.75	183.50
ENSG00000153982	20.25	17.00
ENSG00000153989	1066.25	1273.75
ENSG00000153993	930.25	592.00
ENSG00000154001	1090.50	1098.00
ENSG00000154007	0.00	0.00
ENSG00000154016	1.50	2.25
ENSG00000154025	1.50	1.50
ENSG00000154027	613.00	883.25
ENSG00000154040	130.75	126.00
ENSG00000154059	919.75	713.50
ENSG00000154065	499.75	393.25
ENSG00000154079	119.00	97.00
ENSG00000154080	3.00	2.50
ENSG00000154096	13680.00	11160.50
ENSG00000154099	10.75	6.50
ENSG00000154102	102.00	46.75
ENSG00000154114	645.00	675.75
ENSG00000154118	1.00	2.00
ENSG00000154122	797.50	684.75
ENSG00000154124	406.00	446.75
ENSG00000154127	299.25	584.50
ENSG00000154133	9.50	4.50
ENSG00000154134	232.50	146.50
ENSG00000154143	0.00	0.00
ENSG00000154144	1226.00	1222.25
ENSG00000154146	24.25	16.75
ENSG00000154153	24.00	21.25
ENSG00000154162	2.25	0.50
ENSG00000154165	0.00	0.00
ENSG00000154174	1588.75	1437.75
ENSG00000154175	7097.00	6847.75
ENSG00000154188	2476.75	3641.50

ENSG00000154198	0.00	0.25
ENSG00000154217	144.50	259.50
ENSG00000154222	760.50	819.25
ENSG00000154227	0.50	0.25
ENSG00000154229	3663.50	4004.25
ENSG00000154237	1584.50	1520.50
ENSG00000154240	258.00	312.25
ENSG00000154252	0.00	0.00
ENSG00000154258	1991.75	1965.00
ENSG00000154262	1694.75	3015.75
ENSG00000154263	237.75	80.00
ENSG00000154265	469.50	399.75
ENSG00000154269	4.25	6.25
ENSG00000154274	4.25	4.25
ENSG00000154277	5241.50	4252.50
ENSG00000154305	2632.00	2184.50
ENSG00000154309	522.75	348.00
ENSG00000154310	1121.50	487.25
ENSG00000154316	0.75	0.00
ENSG00000154319	65.25	122.25
ENSG00000154328	214.75	182.25
ENSG00000154330	2831.00	2242.00
ENSG00000154342	0.00	0.00
ENSG00000154358	397.00	243.25
ENSG00000154359	327.25	212.50
ENSG00000154370	350.50	333.50
ENSG00000154380	5042.50	5613.00
ENSG00000154415	0.00	0.00
ENSG00000154429	169.75	117.00
ENSG00000154438	4.00	1.25
ENSG00000154447	597.25	597.00
ENSG00000154451	21.50	9.25
ENSG00000154473	1485.75	1408.00
ENSG00000154478	2.50	0.75
ENSG00000154479	18.50	39.50
ENSG00000154485	1.00	1.75
ENSG00000154493	2.50	1.75
ENSG00000154511	1873.25	1671.25
ENSG00000154518	1431.75	1386.25
ENSG00000154529	105.25	166.75
ENSG00000154545	540.75	399.75
ENSG00000154548	9.75	8.75
ENSG00000154553	184.50	164.50

ENSG00000154556	29.50	71.50
ENSG00000154582	691.00	756.25
ENSG00000154589	160.25	92.00
ENSG00000154608	25.25	15.25
ENSG00000154611	0.00	0.00
ENSG00000154620	3.00	3.00
ENSG00000154639	15.75	12.25
ENSG00000154640	511.75	475.50
ENSG00000154642	279.50	224.00
ENSG00000154645	2.50	2.75
ENSG00000154646	0.00	0.00
ENSG00000154654	1898.00	891.75
ENSG00000154655	7.25	6.00
ENSG00000154678	990.50	868.00
ENSG00000154710	1182.25	1410.75
ENSG00000154719	209.00	199.50
ENSG00000154721	586.50	703.25
ENSG00000154723	924.25	899.25
ENSG00000154727	956.50	788.50
ENSG00000154734	11456.75	47855.25
ENSG00000154736	1572.50	5703.25
ENSG00000154743	151.25	186.00
ENSG00000154760	38.75	42.50
ENSG00000154764	0.75	0.75
ENSG00000154767	2397.75	1461.75
ENSG00000154781	466.75	382.25
ENSG00000154783	38.50	21.75
ENSG00000154803	1736.75	1280.75
ENSG00000154813	788.75	954.00
ENSG00000154814	107.25	112.75
ENSG00000154822	330.25	296.75
ENSG00000154832	805.25	718.25
ENSG00000154839	20.00	10.75
ENSG00000154845	1601.75	1563.75
ENSG00000154856	735.50	2337.75
ENSG00000154864	222.50	73.25
ENSG00000154874	333.25	346.50
ENSG00000154889	678.75	777.25
ENSG00000154898	10.00	7.75
ENSG00000154914	5.50	10.00
ENSG00000154917	60.25	44.50
ENSG00000154920	21.25	10.75
ENSG00000154928	12.75	10.75

ENSG00000154930	303.00	974.75
ENSG00000154945	1133.00	1311.00
ENSG00000154957	193.75	173.25
ENSG00000154975	0.00	0.00
ENSG00000154978	1841.25	2197.75
ENSG00000154997	21.00	18.00
ENSG00000155008	497.00	723.25
ENSG00000155011	20.25	6.25
ENSG00000155016	1289.50	1381.50
ENSG00000155026	6.50	3.75
ENSG00000155034	275.75	321.25
ENSG00000155052	2.50	2.50
ENSG00000155066	20.75	20.75
ENSG00000155070	0.50	1.00
ENSG00000155085	178.50	124.75
ENSG00000155087	0.25	0.50
ENSG00000155090	885.50	540.50
ENSG00000155093	18.00	17.00
ENSG00000155096	2549.50	2065.75
ENSG00000155097	1681.25	1773.00
ENSG00000155099	416.25	332.25
ENSG00000155100	198.00	217.25
ENSG00000155111	938.00	762.25
ENSG00000155115	423.25	398.00
ENSG00000155158	412.50	326.00
ENSG00000155189	214.75	310.00
ENSG00000155229	1226.25	1172.00
ENSG00000155249	0.00	0.00
ENSG00000155252	1379.75	1048.00
ENSG00000155254	2537.75	2514.25
ENSG00000155256	460.50	386.50
ENSG00000155265	0.25	0.00
ENSG00000155269	37.25	10.75
ENSG00000155275	195.50	189.75
ENSG00000155287	550.00	459.75
ENSG00000155304	786.25	745.50
ENSG00000155307	0.75	0.50
ENSG00000155313	1932.00	1457.50
ENSG00000155324	456.75	977.50
ENSG00000155329	173.00	175.25
ENSG00000155330	120.75	110.25
ENSG00000155363	996.50	794.00
ENSG00000155366	4325.25	4332.75

ENSG00000155367	14.00	17.00
ENSG00000155368	753.50	803.25
ENSG00000155380	443.50	351.00
ENSG00000155393	206.75	272.50
ENSG00000155428	6.75	5.50
ENSG00000155438	422.00	439.25
ENSG00000155463	2142.50	1772.25
ENSG00000155465	148.75	152.50
ENSG00000155495	0.50	0.00
ENSG00000155506	4172.75	4647.00
ENSG00000155508	701.50	872.75
ENSG00000155511	2162.00	3667.25
ENSG00000155530	3.00	3.00
ENSG00000155542	67.75	50.50
ENSG00000155545	489.75	443.50
ENSG00000155561	1010.00	762.25
ENSG00000155592	248.75	203.50
ENSG00000155621	261.25	221.00
ENSG00000155622	0.00	1.00
ENSG00000155629	66.25	52.50
ENSG00000155636	214.25	208.25
ENSG00000155640	135.25	105.75
ENSG00000155657	496.00	452.00
ENSG00000155659	0.00	0.00
ENSG00000155660	4588.50	3544.50
ENSG00000155666	79.00	53.00
ENSG00000155714	1.00	1.25
ENSG00000155719	1.25	1.00
ENSG00000155729	494.75	452.75
ENSG00000155744	373.00	324.50
ENSG00000155749	13.00	30.75
ENSG00000155754	33.00	18.50
ENSG00000155755	1070.00	804.25
ENSG00000155760	2136.50	1504.25
ENSG00000155761	0.75	1.00
ENSG00000155792	42.50	24.75
ENSG00000155816	337.25	449.25
ENSG00000155827	1567.50	1125.25
ENSG00000155833	1.50	1.50
ENSG00000155846	18.75	18.00
ENSG00000155849	19.50	38.50
ENSG00000155850	647.00	732.75
ENSG00000155858	130.25	143.75

ENSG00000155868	182.50	166.50
ENSG00000155875	4.25	2.75
ENSG00000155876	2023.00	2052.75
ENSG00000155886	7.50	7.50
ENSG00000155890	0.00	0.00
ENSG00000155893	607.00	324.50
ENSG00000155897	44.25	4.00
ENSG00000155903	828.50	837.00
ENSG00000155906	465.50	486.50
ENSG00000155918	1.25	0.50
ENSG00000155926	2.00	3.75
ENSG00000155957	862.50	930.25
ENSG00000155959	556.75	536.00
ENSG00000155961	13.25	5.50
ENSG00000155962	584.75	239.25
ENSG00000155966	5.25	2.25
ENSG00000155970	288.75	245.75
ENSG00000155974	3.75	9.25
ENSG00000155975	855.50	1113.75
ENSG00000155980	54.50	35.75
ENSG00000156006	0.25	0.00
ENSG00000156009	0.75	0.00
ENSG00000156011	2615.25	1650.00
ENSG00000156017	455.25	350.00
ENSG00000156026	905.00	974.50
ENSG00000156030	901.00	795.00
ENSG00000156042	148.00	127.50
ENSG00000156049	93.00	74.25
ENSG00000156050	267.25	148.00
ENSG00000156052	1609.25	1870.50
ENSG00000156076	0.50	0.25
ENSG00000156096	0.25	0.50
ENSG00000156097	3.75	2.25
ENSG00000156103	36.50	30.00
ENSG00000156110	455.75	392.00
ENSG00000156113	1111.00	671.75
ENSG00000156127	1.25	0.50
ENSG00000156136	218.75	207.25
ENSG00000156140	207.50	269.50
ENSG00000156150	105.50	81.75
ENSG00000156162	1250.25	1382.25
ENSG00000156170	163.75	126.00
ENSG00000156171	1486.25	1249.25

ENSG00000156172	57.25	51.00
ENSG00000156194	73.75	34.50
ENSG00000156206	0.75	0.50
ENSG00000156218	99.25	89.50
ENSG00000156219	7.25	6.25
ENSG00000156222	0.00	0.25
ENSG00000156232	281.25	382.75
ENSG00000156234	0.00	0.00
ENSG00000156239	379.50	250.50
ENSG00000156253	420.25	389.75
ENSG00000156256	1057.50	1117.00
ENSG00000156261	2312.75	2614.75
ENSG00000156265	513.75	618.75
ENSG00000156269	1.25	2.00
ENSG00000156273	1511.25	1551.75
ENSG00000156282	0.00	0.00
ENSG00000156284	0.00	0.00
ENSG00000156298	0.75	2.00
ENSG00000156299	5.75	4.25
ENSG00000156304	1034.50	953.25
ENSG00000156313	113.50	146.25
ENSG00000156345	193.50	123.50
ENSG00000156374	178.00	189.00
ENSG00000156381	230.25	216.75
ENSG00000156384	83.00	78.00
ENSG00000156395	0.00	0.00
ENSG00000156398	67.00	73.50
ENSG00000156411	751.50	669.25
ENSG00000156413	0.25	0.25
ENSG00000156414	13.00	20.50
ENSG00000156427	38.50	46.25
ENSG00000156453	21.50	8.25
ENSG00000156463	10.00	12.50
ENSG00000156466	12.25	3.75
ENSG00000156467	2827.00	2176.25
ENSG00000156469	241.75	223.50
ENSG00000156471	2839.75	1900.75
ENSG00000156475	13.50	10.50
ENSG00000156482	9700.50	8242.75
ENSG00000156486	215.75	198.00
ENSG00000156500	79.50	57.75
ENSG00000156502	372.50	295.75
ENSG00000156504	452.25	447.00

ENSG00000156508	299463.50	224447.00
ENSG00000156509	5.25	5.00
ENSG00000156510	1.75	2.75
ENSG00000156515	2456.00	2716.00
ENSG00000156521	262.00	315.75
ENSG00000156531	655.00	558.50
ENSG00000156535	4012.25	4096.00
ENSG00000156564	0.00	0.00
ENSG00000156574	2.25	3.50
ENSG00000156575	0.00	0.00
ENSG00000156587	1479.00	1274.25
ENSG00000156599	2483.00	2723.75
ENSG00000156603	231.25	200.50
ENSG00000156639	2290.75	2088.75
ENSG00000156642	2637.75	2684.00
ENSG00000156650	1028.75	892.75
ENSG00000156671	1353.75	1772.00
ENSG00000156675	967.50	2448.50
ENSG00000156687	0.00	0.00
ENSG00000156689	42.00	47.00
ENSG00000156697	374.00	364.75
ENSG00000156709	472.75	398.25
ENSG00000156711	301.25	364.75
ENSG00000156735	543.00	579.00
ENSG00000156738	0.00	0.00
ENSG00000156755	0.00	0.00
ENSG00000156787	147.75	136.75
ENSG00000156795	80.75	98.50
ENSG00000156802	486.50	387.75
ENSG00000156804	2503.50	4804.50
ENSG00000156831	285.50	274.75
ENSG00000156853	217.00	188.75
ENSG00000156858	445.00	423.25
ENSG00000156860	1087.25	1129.25
ENSG00000156869	288.25	120.25
ENSG00000156873	296.50	274.50
ENSG00000156875	1046.25	1055.75
ENSG00000156876	76.75	41.25
ENSG00000156885	0.00	0.00
ENSG00000156886	5.75	3.75
ENSG00000156920	0.25	0.00
ENSG00000156925	1.25	0.50
ENSG00000156928	294.75	348.50

ENSG00000156931	1004.75	711.00
ENSG00000156958	294.50	280.75
ENSG00000156959	1.50	2.25
ENSG00000156966	10.50	8.75
ENSG00000156968	68.50	81.00
ENSG00000156970	28.25	19.00
ENSG00000156973	319.50	266.00
ENSG00000156976	7145.75	5737.50
ENSG00000156983	410.50	370.25
ENSG00000156990	297.75	274.75
ENSG00000157005	7.75	2.00
ENSG00000157014	826.75	903.50
ENSG00000157017	6.75	5.75
ENSG00000157020	1726.25	1440.00
ENSG00000157021	0.00	0.50
ENSG00000157036	242.50	277.75
ENSG00000157045	511.25	505.50
ENSG00000157060	0.00	0.25
ENSG00000157064	10.25	30.25
ENSG00000157077	951.25	829.25
ENSG00000157087	0.25	0.75
ENSG00000157093	0.00	0.00
ENSG00000157103	0.00	0.00
ENSG00000157106	3449.75	3331.50
ENSG00000157107	782.50	989.50
ENSG00000157110	2677.50	4222.75
ENSG00000157111	38.50	44.25
ENSG00000157119	0.00	0.25
ENSG00000157131	0.00	0.00
ENSG00000157150	49.50	355.00
ENSG00000157152	11.00	70.00
ENSG00000157168	124.75	51.75
ENSG00000157181	505.00	474.50
ENSG00000157184	293.50	234.00
ENSG00000157191	1313.75	1303.50
ENSG00000157193	99.00	100.25
ENSG00000157211	0.00	0.50
ENSG00000157212	384.25	310.50
ENSG00000157214	1297.50	4537.25
ENSG00000157216	1277.25	1790.25
ENSG00000157219	0.00	0.00
ENSG00000157224	694.00	751.50
ENSG00000157227	32367.25	25918.75

ENSG00000157240	1992.75	2040.75
ENSG00000157259	1147.50	1055.50
ENSG00000157303	8.00	1.50
ENSG00000157315	11.00	9.00
ENSG00000157322	6.25	3.75
ENSG00000157326	466.50	481.50
ENSG00000157330	9.50	4.50
ENSG00000157335	0.50	1.75
ENSG00000157343	12.75	20.25
ENSG00000157349	472.75	489.25
ENSG00000157350	609.00	469.25
ENSG00000157353	236.50	225.75
ENSG00000157368	95.00	20.75
ENSG00000157379	346.25	315.75
ENSG00000157388	11.25	6.50
ENSG00000157399	80.50	67.25
ENSG00000157404	601.50	393.75
ENSG00000157423	34.00	31.25
ENSG00000157426	301.25	258.50
ENSG00000157429	95.00	66.00
ENSG00000157445	152.00	79.75
ENSG00000157450	850.25	950.75
ENSG00000157456	40.75	45.75
ENSG00000157470	7.75	6.75
ENSG00000157483	1779.00	2964.50
ENSG00000157500	1323.25	1239.75
ENSG00000157502	1.25	8.25
ENSG00000157510	239.50	751.50
ENSG00000157514	424.00	3615.75
ENSG00000157538	1636.25	1787.25
ENSG00000157540	1034.00	975.25
ENSG00000157542	34.50	42.00
ENSG00000157551	13.75	16.75
ENSG00000157554	5.25	5.00
ENSG00000157557	1206.50	1054.25
ENSG00000157570	53.50	37.25
ENSG00000157578	32.00	13.25
ENSG00000157593	1859.75	1890.25
ENSG00000157600	264.00	262.25
ENSG00000157601	322.50	209.25
ENSG00000157613	3987.75	1853.75
ENSG00000157617	660.50	1293.25
ENSG00000157625	710.50	585.00

ENSG00000157637	2588.25	2795.00
ENSG00000157653	11.75	9.50
ENSG00000157654	165.75	309.75
ENSG00000157657	854.50	559.25
ENSG00000157680	632.50	1121.25
ENSG00000157693	297.25	198.75
ENSG00000157703	0.25	0.00
ENSG00000157734	45.00	46.00
ENSG00000157741	700.75	548.00
ENSG00000157764	733.75	702.00
ENSG00000157765	5.00	3.00
ENSG00000157766	182.50	421.50
ENSG00000157778	150.00	154.00
ENSG00000157782	12.00	12.50
ENSG00000157796	1597.50	1831.25
ENSG00000157800	1003.75	894.50
ENSG00000157823	992.50	956.25
ENSG00000157827	1423.25	1889.25
ENSG00000157833	209.75	199.00
ENSG00000157837	1203.50	1015.25
ENSG00000157851	4.00	2.50
ENSG00000157856	0.50	1.50
ENSG00000157869	289.00	275.75
ENSG00000157870	193.25	213.25
ENSG00000157873	323.00	241.25
ENSG00000157881	10.25	12.25
ENSG00000157884	0.00	0.25
ENSG00000157890	4.00	3.75
ENSG00000157895	339.00	307.75
ENSG00000157911	360.50	275.50
ENSG00000157916	2491.50	2628.25
ENSG00000157927	56.50	54.25
ENSG00000157933	2334.00	2111.50
ENSG00000157954	2025.25	2225.50
ENSG00000157965	0.00	0.00
ENSG00000157978	560.00	528.25
ENSG00000157985	1169.75	1103.50
ENSG00000157992	8.50	4.75
ENSG00000157999	11.00	7.00
ENSG00000158006	271.75	186.50
ENSG00000158008	50.00	35.00
ENSG00000158014	13.75	15.00
ENSG00000158019	831.00	738.75

ENSG00000158022	0.75	5.50
ENSG00000158023	114.00	93.50
ENSG00000158042	637.50	452.75
ENSG00000158050	1.50	3.25
ENSG00000158055	3.00	0.25
ENSG00000158062	220.50	146.50
ENSG00000158077	3.25	2.25
ENSG00000158079	225.50	400.75
ENSG00000158089	37.25	28.75
ENSG00000158092	704.25	534.75
ENSG00000158104	45.75	60.25
ENSG00000158106	8.75	7.25
ENSG00000158109	1920.50	1832.75
ENSG00000158113	34.50	29.00
ENSG00000158122	649.25	1049.25
ENSG00000158125	20.75	33.75
ENSG00000158156	159.75	182.25
ENSG00000158158	221.25	240.25
ENSG00000158161	649.50	555.00
ENSG00000158163	158.25	175.25
ENSG00000158164	8.50	5.00
ENSG00000158169	266.25	249.25
ENSG00000158186	1269.50	1102.25
ENSG00000158195	4364.00	4571.75
ENSG00000158201	74.75	101.75
ENSG00000158220	5.75	4.25
ENSG00000158234	119.75	139.50
ENSG00000158246	25.25	116.75
ENSG00000158258	51.50	114.25
ENSG00000158270	4845.75	4086.00
ENSG00000158286	111.25	94.25
ENSG00000158290	2685.00	2419.25
ENSG00000158292	869.25	433.75
ENSG00000158296	86.00	110.25
ENSG00000158301	514.75	247.75
ENSG00000158315	38.75	29.50
ENSG00000158321	513.25	586.50
ENSG00000158352	63.00	47.25
ENSG00000158373	150.50	97.75
ENSG00000158402	6.00	5.75
ENSG00000158406	76.00	52.75
ENSG00000158411	362.00	309.75
ENSG00000158417	3594.00	3272.00

ENSG00000158423	18.00	7.25
ENSG00000158427	64.50	55.50
ENSG00000158428	4.75	7.25
ENSG00000158435	682.25	686.50
ENSG00000158445	117.50	100.25
ENSG00000158457	3.75	5.25
ENSG00000158458	2.50	1.50
ENSG00000158467	734.50	385.25
ENSG00000158470	1415.25	1551.50
ENSG00000158473	4.25	7.00
ENSG00000158477	0.00	0.00
ENSG00000158480	313.50	264.25
ENSG00000158481	0.00	0.00
ENSG00000158482	2.25	3.50
ENSG00000158483	131.75	79.75
ENSG00000158485	0.00	0.00
ENSG00000158486	4.50	4.50
ENSG00000158488	0.00	0.00
ENSG00000158497	0.00	0.00
ENSG00000158516	0.50	0.00
ENSG00000158517	5.50	3.75
ENSG00000158525	2.00	0.50
ENSG00000158526	759.50	675.00
ENSG00000158528	71.75	39.25
ENSG00000158545	918.75	859.25
ENSG00000158552	442.50	298.50
ENSG00000158553	0.00	0.00
ENSG00000158555	488.25	728.25
ENSG00000158560	9.75	9.25
ENSG00000158571	1.25	1.00
ENSG00000158578	0.25	0.00
ENSG00000158604	1305.25	1212.75
ENSG00000158615	660.00	602.00
ENSG00000158623	827.00	618.50
ENSG00000158636	515.75	389.00
ENSG00000158639	0.00	0.00
ENSG00000158669	1957.50	1612.25
ENSG00000158683	4.25	5.00
ENSG00000158691	182.25	145.00
ENSG00000158710	10804.25	8871.75
ENSG00000158711	1012.75	937.00
ENSG00000158714	12.50	16.50
ENSG00000158715	14.50	8.00

ENSG00000158716	98.00	232.50
ENSG00000158717	187.25	142.25
ENSG00000158731	0.00	0.00
ENSG00000158747	9951.50	14510.50
ENSG00000158748	0.25	0.00
ENSG00000158764	0.00	0.00
ENSG00000158769	60.25	81.25
ENSG00000158773	575.25	466.25
ENSG00000158786	0.00	0.00
ENSG00000158792	98.25	116.25
ENSG00000158793	421.25	354.75
ENSG00000158796	684.50	659.50
ENSG00000158805	324.25	318.50
ENSG00000158806	50.00	21.00
ENSG00000158813	46.00	117.00
ENSG00000158815	9.00	6.75
ENSG00000158816	6.50	13.25
ENSG00000158825	22.00	19.75
ENSG00000158828	3261.00	3850.50
ENSG00000158850	296.00	303.50
ENSG00000158856	48.00	39.25
ENSG00000158859	82.50	88.25
ENSG00000158863	1450.25	1506.75
ENSG00000158864	1432.75	1299.25
ENSG00000158865	1.25	1.25
ENSG00000158869	3.25	2.00
ENSG00000158874	2.50	1.50
ENSG00000158882	230.50	185.25
ENSG00000158887	18.50	16.50
ENSG00000158901	1.00	1.50
ENSG00000158941	1701.50	1624.50
ENSG00000158955	2.00	0.50
ENSG00000158966	372.50	296.50
ENSG00000158985	339.50	447.50
ENSG00000158987	1244.00	815.00
ENSG00000159023	528.25	262.50
ENSG00000159055	87.50	59.50
ENSG00000159063	423.50	401.50
ENSG00000159069	2053.50	2216.50
ENSG00000159079	301.50	295.50
ENSG00000159082	577.00	379.25
ENSG00000159086	766.25	613.25
ENSG00000159110	392.75	433.50

ENSG00000159111	753.50	638.25
ENSG00000159128	158.75	137.75
ENSG00000159131	1072.50	1139.00
ENSG00000159140	6924.50	6282.50
ENSG00000159147	212.50	201.00
ENSG00000159164	531.00	454.50
ENSG00000159166	0.00	3.00
ENSG00000159167	330.50	1830.00
ENSG00000159173	3.00	2.00
ENSG00000159176	3186.75	4615.25
ENSG00000159182	0.00	0.25
ENSG00000159184	1.50	1.50
ENSG00000159186	0.00	0.00
ENSG00000159189	0.00	0.00
ENSG00000159197	2.00	2.00
ENSG00000159199	355.25	372.75
ENSG00000159200	1942.00	3829.25
ENSG00000159202	3155.00	3051.75
ENSG00000159208	89.50	71.50
ENSG00000159210	867.50	849.25
ENSG00000159212	517.75	932.50
ENSG00000159214	75.50	76.75
ENSG00000159216	3213.50	3945.75
ENSG00000159217	147.75	169.00
ENSG00000159224	2.00	1.25
ENSG00000159228	1388.75	1194.75
ENSG00000159231	279.75	234.25
ENSG00000159239	123.25	77.50
ENSG00000159247	0.00	0.00
ENSG00000159248	0.25	0.00
ENSG00000159251	4.75	4.25
ENSG00000159256	787.25	639.75
ENSG00000159259	107.75	92.00
ENSG00000159261	1.25	0.75
ENSG00000159263	23.50	28.50
ENSG00000159267	784.50	831.50
ENSG00000159289	1.25	2.75
ENSG00000159307	150.00	153.75
ENSG00000159314	42.00	26.75
ENSG00000159322	1209.25	1199.50
ENSG00000159335	4100.25	4365.50
ENSG00000159337	2.25	2.75
ENSG00000159339	0.50	0.25

ENSG00000159346	1579.50	1771.75
ENSG00000159348	863.50	762.75
ENSG00000159352	1729.75	1586.75
ENSG00000159363	363.50	377.00
ENSG00000159374	2.50	3.50
ENSG00000159377	2713.75	2609.25
ENSG00000159387	1.25	1.50
ENSG00000159388	1116.75	749.50
ENSG00000159398	0.00	0.00
ENSG00000159399	824.00	1148.75
ENSG00000159403	47225.75	48594.50
ENSG00000159409	0.00	1.00
ENSG00000159423	363.50	604.75
ENSG00000159433	839.75	671.00
ENSG00000159445	303.75	194.75
ENSG00000159450	1.00	4.00
ENSG00000159455	0.75	0.25
ENSG00000159459	978.00	876.00
ENSG00000159461	2425.75	2490.50
ENSG00000159479	527.00	526.50
ENSG00000159495	0.25	0.00
ENSG00000159496	124.00	87.50
ENSG00000159516	0.00	0.00
ENSG00000159527	0.00	0.00
ENSG00000159556	32.25	52.50
ENSG00000159579	1024.50	736.00
ENSG00000159588	6.50	5.00
ENSG00000159592	1313.50	1203.50
ENSG00000159593	699.25	772.50
ENSG00000159596	489.25	357.75
ENSG00000159618	0.25	0.50
ENSG00000159625	1.50	1.25
ENSG00000159640	178.75	155.00
ENSG00000159648	4.00	3.75
ENSG00000159650	0.00	0.00
ENSG00000159658	3262.00	3707.25
ENSG00000159674	12444.25	5807.50
ENSG00000159685	130.75	89.75
ENSG00000159692	2453.50	1904.75
ENSG00000159708	11.50	3.00
ENSG00000159712	1.25	0.25
ENSG00000159713	22.75	6.75
ENSG00000159714	433.75	394.25

ENSG00000159720	1815.00	1264.25
ENSG00000159723	0.50	0.25
ENSG00000159733	214.75	217.00
ENSG00000159753	3.00	5.50
ENSG00000159761	70.50	71.50
ENSG00000159763	1.00	1.50
ENSG00000159784	267.25	173.50
ENSG00000159788	507.50	398.75
ENSG00000159792	1072.00	1222.00
ENSG00000159840	7673.50	11516.25
ENSG00000159842	50.50	38.75
ENSG00000159860	10.75	30.00
ENSG00000159871	29.00	20.50
ENSG00000159873	612.50	483.50
ENSG00000159882	104.75	92.50
ENSG00000159884	386.75	752.25
ENSG00000159885	79.50	54.25
ENSG00000159899	1589.50	1639.75
ENSG00000159904	5.00	2.50
ENSG00000159905	71.50	49.25
ENSG00000159915	62.25	38.25
ENSG00000159917	75.50	68.50
ENSG00000159921	490.50	512.50
ENSG00000159958	13.25	6.50
ENSG00000159961	0.25	0.00
ENSG00000160007	3268.75	2693.75
ENSG00000160013	102.75	143.50
ENSG00000160014	6821.50	5325.50
ENSG00000160049	1091.75	873.25
ENSG00000160050	95.75	60.00
ENSG00000160051	72.00	57.25
ENSG00000160055	250.25	198.25
ENSG00000160058	1999.75	1604.50
ENSG00000160062	242.75	256.50
ENSG00000160072	246.75	319.00
ENSG00000160075	1835.75	1848.75
ENSG00000160087	642.75	619.00
ENSG00000160094	762.25	599.00
ENSG00000160097	20.75	10.25
ENSG00000160111	52.50	40.25
ENSG00000160113	394.50	387.25
ENSG00000160117	22.50	24.25
ENSG00000160124	127.75	121.00

ENSG00000160131	770.75	789.00
ENSG00000160145	62.75	31.75
ENSG00000160161	5.25	6.50
ENSG00000160172	93.00	51.50
ENSG00000160179	170.75	242.00
ENSG00000160180	0.00	0.00
ENSG00000160181	0.25	0.25
ENSG00000160182	0.00	0.00
ENSG00000160183	0.25	1.00
ENSG00000160185	0.00	0.00
ENSG00000160188	2.75	3.25
ENSG00000160190	48.75	66.00
ENSG00000160191	10.50	5.50
ENSG00000160193	88.50	97.75
ENSG00000160194	684.75	607.50
ENSG00000160199	433.75	342.00
ENSG00000160200	138.25	237.00
ENSG00000160201	468.25	383.25
ENSG00000160202	0.00	0.00
ENSG00000160207	19.75	16.00
ENSG00000160208	695.00	621.00
ENSG00000160209	2116.25	2172.50
ENSG00000160211	4294.25	3237.75
ENSG00000160213	1729.50	1822.75
ENSG00000160214	321.25	286.00
ENSG00000160216	2151.75	2183.25
ENSG00000160218	775.00	905.00
ENSG00000160219	50.25	83.25
ENSG00000160221	281.75	238.75
ENSG00000160223	25.50	12.00
ENSG00000160224	1.25	3.25
ENSG00000160226	667.75	599.75
ENSG00000160229	8.00	9.00
ENSG00000160233	59.50	66.25
ENSG00000160255	6.50	4.75
ENSG00000160256	110.50	224.25
ENSG00000160271	764.75	528.50
ENSG00000160282	16.25	16.25
ENSG00000160284	126.50	94.75
ENSG00000160285	4169.00	3609.25
ENSG00000160293	645.50	554.50
ENSG00000160294	2033.00	1889.75
ENSG00000160298	73.25	51.00

ENSG00000160299	1155.75	886.50
ENSG00000160305	1002.00	770.50
ENSG00000160307	17.00	11.00
ENSG00000160310	2528.25	2011.50
ENSG00000160318	4.75	6.00
ENSG00000160321	8.25	21.25
ENSG00000160323	95.75	87.75
ENSG00000160325	124.50	97.25
ENSG00000160326	46.50	45.75
ENSG00000160336	300.50	252.25
ENSG00000160339	0.00	0.00
ENSG00000160345	58.25	48.50
ENSG00000160349	0.00	0.25
ENSG00000160352	78.25	51.50
ENSG00000160360	2368.75	1640.75
ENSG00000160392	153.50	134.50
ENSG00000160396	9.75	7.00
ENSG00000160401	25.75	31.75
ENSG00000160404	114.00	127.50
ENSG00000160408	3464.25	4347.25
ENSG00000160410	1092.75	998.00
ENSG00000160439	62.00	68.50
ENSG00000160445	2170.75	1985.75
ENSG00000160446	216.50	363.00
ENSG00000160447	54.25	78.25
ENSG00000160460	300.50	106.50
ENSG00000160469	198.00	123.75
ENSG00000160471	5.50	3.75
ENSG00000160472	2.50	5.25
ENSG00000160505	0.00	0.00
ENSG00000160539	187.50	191.00
ENSG00000160551	4084.75	4264.00
ENSG00000160563	299.25	279.75
ENSG00000160570	285.00	214.25
ENSG00000160584	1270.50	1261.00
ENSG00000160588	5.75	3.00
ENSG00000160593	0.25	0.00
ENSG00000160602	120.00	108.50
ENSG00000160606	53.25	45.00
ENSG00000160613	1717.00	3132.75
ENSG00000160633	1975.75	1902.75
ENSG00000160654	29.25	8.75
ENSG00000160678	45.75	58.50

ENSG00000160679	780.25	719.50
ENSG00000160683	0.00	13.25
ENSG00000160685	496.00	383.00
ENSG00000160688	297.50	308.50
ENSG00000160691	6948.25	6146.25
ENSG00000160695	649.00	510.50
ENSG00000160703	455.50	428.50
ENSG00000160710	5509.25	4578.50
ENSG00000160712	680.00	853.25
ENSG00000160714	1381.25	1287.00
ENSG00000160716	2.00	2.75
ENSG00000160741	571.50	638.50
ENSG00000160746	1314.00	1482.25
ENSG00000160752	864.00	801.25
ENSG00000160753	590.25	635.25
ENSG00000160766	193.25	118.00
ENSG00000160767	556.75	583.75
ENSG00000160781	16.50	30.50
ENSG00000160783	384.50	296.25
ENSG00000160785	512.00	522.25
ENSG00000160789	14937.00	14732.00
ENSG00000160791	3.00	0.50
ENSG00000160796	142.00	222.75
ENSG00000160799	251.00	250.00
ENSG00000160801	61.75	62.75
ENSG00000160803	706.75	560.75
ENSG00000160808	11.00	13.50
ENSG00000160813	124.25	130.75
ENSG00000160818	302.25	394.75
ENSG00000160838	0.50	2.25
ENSG00000160856	2.75	2.00
ENSG00000160862	0.25	1.00
ENSG00000160867	408.75	237.75
ENSG00000160868	6.50	2.50
ENSG00000160870	279.00	179.50
ENSG00000160877	1150.50	1174.25
ENSG00000160882	0.00	0.00
ENSG00000160883	0.25	0.75
ENSG00000160886	24.00	16.00
ENSG00000160888	624.25	460.50
ENSG00000160908	221.50	205.25
ENSG00000160917	420.25	312.75
ENSG00000160932	1943.50	1578.75

ENSG00000160948	1371.00	1309.25
ENSG00000160949	210.25	183.50
ENSG00000160951	12.00	4.25
ENSG00000160953	1000.00	849.00
ENSG00000160957	90.25	113.25
ENSG00000160959	604.50	592.25
ENSG00000160961	396.75	347.75
ENSG00000160963	1.25	0.25
ENSG00000160972	419.25	416.25
ENSG00000160973	6.00	2.25
ENSG00000160991	1046.75	711.25
ENSG00000160993	198.00	169.00
ENSG00000160994	0.00	0.00
ENSG00000160999	19.50	14.50
ENSG00000161010	875.00	690.50
ENSG00000161011	22951.00	13490.75
ENSG00000161013	6544.50	6986.75
ENSG00000161016	16068.50	14781.50
ENSG00000161021	965.00	955.25
ENSG00000161031	0.00	0.00
ENSG00000161036	233.50	236.50
ENSG00000161040	15.75	8.75
ENSG00000161048	202.75	146.25
ENSG00000161055	0.00	0.25
ENSG00000161057	1374.75	1184.75
ENSG00000161082	5.00	3.25
ENSG00000161091	788.75	1048.50
ENSG00000161103	18.00	55.75
ENSG00000161132	3.50	2.50
ENSG00000161133	8.00	2.75
ENSG00000161149	31.25	24.25
ENSG00000161179	95.25	113.00
ENSG00000161180	5.00	3.00
ENSG00000161202	2957.75	2709.75
ENSG00000161203	8677.50	8638.75
ENSG00000161204	840.50	741.00
ENSG00000161217	2369.00	2220.50
ENSG00000161243	97.50	83.50
ENSG00000161249	1893.25	1404.75
ENSG00000161265	133.00	121.50
ENSG00000161267	23.50	66.75
ENSG00000161270	0.50	1.25
ENSG00000161277	203.50	195.75

ENSG00000161281	314.25	352.25
ENSG00000161298	124.50	74.75
ENSG00000161328	11.00	11.25
ENSG00000161381	973.50	357.25
ENSG00000161395	444.50	393.25
ENSG00000161405	30.25	26.25
ENSG00000161509	3.75	6.25
ENSG00000161513	836.00	405.75
ENSG00000161526	714.00	666.50
ENSG00000161533	969.75	792.75
ENSG00000161542	595.50	507.00
ENSG00000161544	1692.75	1194.75
ENSG00000161547	2024.25	1984.25
ENSG00000161551	186.75	183.75
ENSG00000161558	159.00	121.75
ENSG00000161594	6.75	4.50
ENSG00000161609	5.25	2.75
ENSG00000161610	0.00	0.25
ENSG00000161618	287.75	274.75
ENSG00000161634	0.75	1.00
ENSG00000161638	5060.25	4517.50
ENSG00000161640	4.00	3.50
ENSG00000161642	673.25	350.25
ENSG00000161643	0.75	0.50
ENSG00000161647	79.50	243.00
ENSG00000161649	1.25	0.75
ENSG00000161652	4.00	4.50
ENSG00000161653	56.25	42.25
ENSG00000161654	803.00	818.25
ENSG00000161664	99.00	70.00
ENSG00000161671	1554.25	1434.75
ENSG00000161677	416.75	539.75
ENSG00000161681	143.25	99.00
ENSG00000161682	423.25	198.50
ENSG00000161692	112.75	102.25
ENSG00000161714	2440.50	2252.75
ENSG00000161791	723.75	497.75
ENSG00000161798	0.50	0.75
ENSG00000161800	385.75	401.75
ENSG00000161807	0.00	0.00
ENSG00000161813	810.00	1302.25
ENSG00000161835	226.25	137.00
ENSG00000161847	602.25	640.50

ENSG00000161849	0.00	0.00
ENSG00000161850	0.00	0.00
ENSG00000161860	5.00	9.75
ENSG00000161888	79.75	78.25
ENSG00000161896	35.75	52.00
ENSG00000161904	948.50	903.25
ENSG00000161905	1.00	0.50
ENSG00000161911	0.00	0.00
ENSG00000161912	45.75	36.50
ENSG00000161914	60.00	46.25
ENSG00000161920	185.75	153.00
ENSG00000161921	244.50	115.00
ENSG00000161929	32.25	19.25
ENSG00000161939	11.00	3.25
ENSG00000161940	3.25	2.00
ENSG00000161944	0.25	0.00
ENSG00000161955	115.50	122.75
ENSG00000161956	770.00	797.25
ENSG00000161958	372.75	359.00
ENSG00000161960	7116.25	7386.75
ENSG00000161970	15101.50	12582.25
ENSG00000161973	1.75	1.00
ENSG00000161980	76.25	91.00
ENSG00000161981	274.25	233.25
ENSG00000161992	0.00	0.00
ENSG00000161996	334.00	355.50
ENSG00000161999	1196.50	1064.00
ENSG00000162004	34.50	46.50
ENSG00000162006	0.00	0.00
ENSG00000162009	0.00	0.00
ENSG00000162032	517.50	638.75
ENSG00000162039	1.50	4.50
ENSG00000162040	0.00	0.00
ENSG00000162062	14.50	8.00
ENSG00000162063	82.25	74.00
ENSG00000162065	342.00	267.75
ENSG00000162066	648.00	407.50
ENSG00000162068	14.00	7.75
ENSG00000162069	2.25	2.00
ENSG00000162073	67.00	94.00
ENSG00000162076	348.25	356.75
ENSG00000162078	0.75	0.50
ENSG00000162086	305.25	264.50

ENSG00000162104	1924.25	2011.25
ENSG00000162105	212.25	219.75
ENSG00000162129	146.25	115.50
ENSG00000162139	252.75	128.75
ENSG00000162144	1785.25	1435.75
ENSG00000162148	53.25	37.50
ENSG00000162174	14.25	14.25
ENSG00000162188	3.25	3.25
ENSG00000162191	1699.00	1572.00
ENSG00000162194	90.50	77.00
ENSG00000162222	367.50	358.75
ENSG00000162227	221.75	191.00
ENSG00000162231	1689.75	1756.75
ENSG00000162236	864.25	818.75
ENSG00000162241	125.50	112.75
ENSG00000162244	12368.75	11225.75
ENSG00000162267	2.75	16.75
ENSG00000162298	974.50	1163.00
ENSG00000162300	529.25	445.00
ENSG00000162302	858.25	891.00
ENSG00000162337	687.50	861.00
ENSG00000162341	362.50	506.25
ENSG00000162344	0.00	0.00
ENSG00000162365	0.75	0.75
ENSG00000162366	1.75	2.75
ENSG00000162367	2.75	1.00
ENSG00000162368	2674.50	2933.25
ENSG00000162373	8.50	3.50
ENSG00000162374	0.25	0.00
ENSG00000162377	363.00	373.75
ENSG00000162378	1280.25	1199.75
ENSG00000162383	412.00	237.25
ENSG00000162384	880.75	725.00
ENSG00000162385	239.00	237.25
ENSG00000162390	256.00	190.75
ENSG00000162391	3.00	4.00
ENSG00000162396	96.50	85.25
ENSG00000162398	0.25	0.25
ENSG00000162399	3.00	4.00
ENSG00000162402	2976.25	2160.50
ENSG00000162407	37300.75	16644.25
ENSG00000162408	351.00	357.25
ENSG00000162409	271.25	273.25

ENSG00000162413	2076.25	2522.25
ENSG00000162415	140.50	95.00
ENSG00000162419	284.00	223.75
ENSG00000162426	100.00	248.25
ENSG00000162430	4455.25	4606.75
ENSG00000162433	1740.25	1868.75
ENSG00000162434	8241.00	8909.00
ENSG00000162437	296.25	228.00
ENSG00000162438	6.50	3.75
ENSG00000162441	431.00	298.50
ENSG00000162444	3.75	1.75
ENSG00000162456	0.00	0.00
ENSG00000162458	1624.00	1953.00
ENSG00000162460	0.00	0.00
ENSG00000162461	32.25	39.50
ENSG00000162482	9.00	6.75
ENSG00000162490	11.75	6.25
ENSG00000162493	512.00	1505.00
ENSG00000162494	0.00	1.00
ENSG00000162496	2508.50	4524.25
ENSG00000162510	17.75	8.50
ENSG00000162511	2.50	5.00
ENSG00000162512	3842.75	2614.00
ENSG00000162517	992.00	872.25
ENSG00000162520	1737.00	1267.75
ENSG00000162521	2380.75	1920.50
ENSG00000162522	885.25	710.00
ENSG00000162526	44.75	31.50
ENSG00000162542	362.25	319.50
ENSG00000162543	9.25	3.75
ENSG00000162545	4856.75	7307.00
ENSG00000162551	1111.25	1344.25
ENSG00000162552	4.50	1.00
ENSG00000162571	0.50	0.75
ENSG00000162572	166.25	96.50
ENSG00000162576	10948.75	10598.75
ENSG00000162585	748.25	721.00
ENSG00000162591	688.00	640.50
ENSG00000162592	1.50	0.00
ENSG00000162594	0.50	0.75
ENSG00000162595	96.50	46.00
ENSG00000162598	2.50	7.75
ENSG00000162599	569.25	609.00

ENSG00000162600	303.25	279.50
ENSG00000162601	1102.00	1034.75
ENSG00000162604	707.50	951.50
ENSG00000162607	601.25	517.75
ENSG00000162613	1522.50	1462.25
ENSG00000162614	2452.00	8562.75
ENSG00000162616	895.00	2118.00
ENSG00000162618	265.00	177.25
ENSG00000162620	7.50	12.00
ENSG00000162621	0.00	0.00
ENSG00000162623	577.50	537.25
ENSG00000162624	0.00	0.25
ENSG00000162627	794.50	658.25
ENSG00000162630	11.50	74.25
ENSG00000162631	25.25	12.25
ENSG00000162636	870.50	597.25
ENSG00000162639	41.75	31.75
ENSG00000162641	10.50	16.00
ENSG00000162642	323.75	285.25
ENSG00000162643	149.25	45.25
ENSG00000162645	1550.50	1121.75
ENSG00000162650	105.00	115.75
ENSG00000162654	94.75	63.00
ENSG00000162664	1161.00	748.75
ENSG00000162669	8.00	2.25
ENSG00000162670	0.25	0.00
ENSG00000162676	2.50	2.50
ENSG00000162685	0.00	0.00
ENSG00000162687	109.50	188.50
ENSG00000162688	840.25	1006.75
ENSG00000162692	1007.75	81.75
ENSG00000162694	1134.25	762.75
ENSG00000162695	855.25	901.75
ENSG00000162699	0.00	0.00
ENSG00000162702	755.75	673.75
ENSG00000162704	1966.25	3384.50
ENSG00000162706	3.75	2.25
ENSG00000162711	6.25	3.50
ENSG00000162714	849.75	685.25
ENSG00000162722	63.50	52.00
ENSG00000162723	0.50	0.75
ENSG00000162727	0.00	0.00
ENSG00000162728	1.75	0.25

ENSG00000162729	367.25	375.75
ENSG00000162733	20191.50	20307.75
ENSG00000162734	11005.25	9342.75
ENSG00000162735	1810.00	1754.00
ENSG00000162736	4732.75	4398.25
ENSG00000162738	15.50	3.00
ENSG00000162739	4.25	3.25
ENSG00000162745	214.25	114.50
ENSG00000162746	13.00	8.00
ENSG00000162747	0.00	0.00
ENSG00000162753	0.00	0.75
ENSG00000162755	13.00	13.50
ENSG00000162757	51.75	36.75
ENSG00000162761	0.00	0.00
ENSG00000162763	0.00	0.00
ENSG00000162769	95.00	77.00
ENSG00000162771	0.00	0.50
ENSG00000162772	181.00	541.00
ENSG00000162775	162.75	173.25
ENSG00000162777	213.00	122.25
ENSG00000162779	2.50	6.75
ENSG00000162782	0.00	0.50
ENSG00000162783	826.50	793.00
ENSG00000162804	3796.00	3077.50
ENSG00000162813	389.00	324.00
ENSG00000162814	44.50	29.25
ENSG00000162817	482.75	1149.00
ENSG00000162819	1112.00	1004.00
ENSG00000162825	585.75	583.25
ENSG00000162836	214.75	187.50
ENSG00000162840	0.00	0.00
ENSG00000162843	1.25	0.75
ENSG00000162849	181.00	156.75
ENSG00000162851	169.25	187.00
ENSG00000162852	728.75	720.50
ENSG00000162869	516.25	627.75
ENSG00000162873	0.25	0.00
ENSG00000162877	2.00	3.00
ENSG00000162878	891.50	2182.50
ENSG00000162881	10.75	3.75
ENSG00000162882	59.75	33.75
ENSG00000162885	194.75	139.25
ENSG00000162889	2450.75	2730.50

ENSG00000162891	0.00	0.25
ENSG00000162892	3.25	12.00
ENSG00000162894	13.00	43.50
ENSG00000162896	5.50	8.00
ENSG00000162897	0.00	0.00
ENSG00000162909	13047.25	12381.00
ENSG00000162910	279.25	235.25
ENSG00000162913	11.75	8.50
ENSG00000162923	3979.00	3807.50
ENSG00000162924	389.50	291.75
ENSG00000162927	148.75	104.50
ENSG00000162928	337.00	364.75
ENSG00000162929	283.75	177.25
ENSG00000162931	45.00	28.00
ENSG00000162944	357.50	174.75
ENSG00000162946	126.00	96.25
ENSG00000162949	0.25	1.00
ENSG00000162951	0.00	0.00
ENSG00000162959	539.00	486.00
ENSG00000162961	361.50	433.25
ENSG00000162971	221.75	163.00
ENSG00000162972	175.75	173.50
ENSG00000162975	7.75	2.00
ENSG00000162976	565.75	691.25
ENSG00000162980	632.75	594.00
ENSG00000162981	7.75	15.25
ENSG00000162989	5.00	2.50
ENSG00000162992	0.75	0.25
ENSG00000162994	78.25	68.50
ENSG00000162997	14.50	14.25
ENSG00000162998	44.00	127.25
ENSG00000162999	81.25	69.50
ENSG00000163001	774.00	608.50
ENSG00000163002	85.75	86.25
ENSG00000163006	27.25	19.50
ENSG00000163012	4.25	3.75
ENSG00000163013	207.25	180.50
ENSG00000163016	1.00	0.25
ENSG00000163017	520.75	2163.25
ENSG00000163026	232.00	221.50
ENSG00000163029	779.50	768.50
ENSG00000163032	1.50	1.50
ENSG00000163040	163.50	102.50

ENSG00000163041	3182.25	2552.25
ENSG00000163046	1.75	3.50
ENSG00000163050	586.25	424.00
ENSG00000163053	67.25	58.25
ENSG00000163060	14.00	11.75
ENSG00000163064	1.25	1.50
ENSG00000163069	2822.25	3541.75
ENSG00000163071	1009.25	662.50
ENSG00000163072	11.50	11.25
ENSG00000163075	18.75	12.50
ENSG00000163081	0.00	0.00
ENSG00000163082	4.75	4.50
ENSG00000163083	67.75	915.00
ENSG00000163092	2.50	2.50
ENSG00000163093	343.00	235.25
ENSG00000163098	0.00	0.00
ENSG00000163104	843.75	755.00
ENSG00000163106	0.25	0.25
ENSG00000163110	731.00	1949.00
ENSG00000163114	0.00	0.00
ENSG00000163116	3.25	1.25
ENSG00000163121	0.25	0.00
ENSG00000163125	1209.00	925.00
ENSG00000163126	34.00	34.25
ENSG00000163131	140.75	56.75
ENSG00000163132	71.50	56.25
ENSG00000163138	182.75	174.75
ENSG00000163141	6.25	5.75
ENSG00000163145	192.50	218.00
ENSG00000163154	1.75	0.75
ENSG00000163155	116.50	116.00
ENSG00000163156	289.25	277.00
ENSG00000163157	4.25	3.25
ENSG00000163159	521.75	442.25
ENSG00000163161	1062.75	880.75
ENSG00000163162	747.00	774.25
ENSG00000163166	1112.50	966.50
ENSG00000163170	131.50	126.25
ENSG00000163171	944.75	2083.25
ENSG00000163191	4077.75	3954.50
ENSG00000163202	0.00	0.00
ENSG00000163206	1.00	0.00
ENSG00000163207	0.00	0.25

ENSG00000163209	0.00	0.00
ENSG00000163214	603.00	525.25
ENSG00000163216	0.00	0.00
ENSG00000163217	0.00	0.00
ENSG00000163218	0.00	0.00
ENSG00000163219	22.25	19.50
ENSG00000163220	0.00	0.00
ENSG00000163221	0.00	0.00
ENSG00000163235	0.25	0.00
ENSG00000163239	0.00	0.50
ENSG00000163249	475.25	530.50
ENSG00000163251	18.75	83.50
ENSG00000163254	0.00	0.00
ENSG00000163257	623.75	615.00
ENSG00000163263	0.00	0.25
ENSG00000163273	0.75	0.00
ENSG00000163281	568.50	635.50
ENSG00000163283	0.25	1.25
ENSG00000163285	0.00	0.00
ENSG00000163286	0.00	0.00
ENSG00000163288	0.25	0.00
ENSG00000163291	334.00	343.75
ENSG00000163293	11.75	28.25
ENSG00000163295	0.00	0.00
ENSG00000163297	5283.25	6155.75
ENSG00000163312	264.75	190.50
ENSG00000163319	320.25	278.50
ENSG00000163320	2110.25	2367.25
ENSG00000163322	488.00	407.00
ENSG00000163328	325.25	178.25
ENSG00000163331	2.00	2.00
ENSG00000163344	342.50	293.25
ENSG00000163346	3127.00	2684.75
ENSG00000163347	5.25	0.50
ENSG00000163348	707.25	609.25
ENSG00000163349	1437.50	1512.25
ENSG00000163352	1.00	0.75
ENSG00000163354	19.00	11.75
ENSG00000163357	2.25	4.75
ENSG00000163359	101609.25	73844.50
ENSG00000163362	5.00	2.25
ENSG00000163374	1090.25	903.50
ENSG00000163376	20.25	9.50

ENSG00000163377	0.00	0.75
ENSG00000163378	1106.00	2500.00
ENSG00000163380	6.50	7.00
ENSG00000163382	494.50	507.50
ENSG00000163389	267.50	271.25
ENSG00000163393	144.25	123.50
ENSG00000163394	1999.25	385.00
ENSG00000163395	1.00	0.25
ENSG00000163399	6079.50	7220.25
ENSG00000163406	22.50	10.00
ENSG00000163412	316.25	284.00
ENSG00000163421	0.00	0.00
ENSG00000163424	0.00	0.00
ENSG00000163428	1006.50	1018.75
ENSG00000163430	54668.50	86590.75
ENSG00000163431	4576.75	9017.75
ENSG00000163435	5.00	3.25
ENSG00000163440	0.00	0.00
ENSG00000163444	1076.00	1033.25
ENSG00000163449	16.25	9.75
ENSG00000163453	2791.75	2951.00
ENSG00000163462	146.50	127.00
ENSG00000163463	766.00	751.75
ENSG00000163464	0.00	0.00
ENSG00000163466	4727.25	4769.00
ENSG00000163467	5.75	3.00
ENSG00000163468	3056.50	3045.00
ENSG00000163472	207.50	188.00
ENSG00000163479	3318.75	2728.75
ENSG00000163481	323.50	295.00
ENSG00000163482	862.50	630.50
ENSG00000163485	72.50	23.75
ENSG00000163491	265.00	55.25
ENSG00000163492	10.75	8.50
ENSG00000163497	0.00	0.25
ENSG00000163499	0.00	0.25
ENSG00000163501	0.00	0.75
ENSG00000163507	133.25	107.50
ENSG00000163508	1.00	0.25
ENSG00000163510	585.00	462.75
ENSG00000163512	2107.75	1928.75
ENSG00000163513	7634.25	18901.25
ENSG00000163515	0.00	0.00

ENSG00000163516	586.25	671.75
ENSG00000163517	381.50	316.25
ENSG00000163518	0.00	0.00
ENSG00000163519	0.00	0.00
ENSG00000163520	22009.75	17906.25
ENSG00000163521	275.00	189.00
ENSG00000163527	3849.50	4226.50
ENSG00000163528	132.25	99.75
ENSG00000163530	0.25	0.00
ENSG00000163531	3023.75	3344.00
ENSG00000163534	3.25	3.75
ENSG00000163535	206.25	158.75
ENSG00000163536	59.25	42.00
ENSG00000163539	797.00	709.75
ENSG00000163541	851.75	706.00
ENSG00000163545	59.75	117.00
ENSG00000163554	29.50	2.75
ENSG00000163558	1486.75	1439.25
ENSG00000163563	0.00	0.00
ENSG00000163564	2.50	4.00
ENSG00000163565	5185.25	3522.25
ENSG00000163568	1.25	1.00
ENSG00000163576	73.50	38.50
ENSG00000163577	475.00	551.75
ENSG00000163581	0.25	0.00
ENSG00000163584	322.00	321.75
ENSG00000163586	0.25	0.00
ENSG00000163590	93.75	69.50
ENSG00000163596	164.75	137.00
ENSG00000163599	0.00	0.25
ENSG00000163600	0.00	0.00
ENSG00000163602	63.25	67.00
ENSG00000163605	1178.00	1044.50
ENSG00000163606	3.75	2.00
ENSG00000163607	383.75	310.25
ENSG00000163608	1053.75	966.00
ENSG00000163611	268.75	168.75
ENSG00000163612	0.75	1.25
ENSG00000163617	204.00	159.50
ENSG00000163618	10.50	10.50
ENSG00000163623	802.75	962.75
ENSG00000163624	10.50	14.75
ENSG00000163625	2366.75	2442.25

ENSG00000163626	278.75	244.50
ENSG00000163629	2979.25	2024.75
ENSG00000163630	2.00	1.00
ENSG00000163631	2.50	1.75
ENSG00000163632	4.25	2.50
ENSG00000163633	157.00	107.25
ENSG00000163634	625.50	652.50
ENSG00000163635	575.00	638.50
ENSG00000163636	1033.25	969.75
ENSG00000163637	610.75	997.75
ENSG00000163638	38.50	38.00
ENSG00000163644	736.75	688.75
ENSG00000163645	2.75	2.75
ENSG00000163646	1.00	0.25
ENSG00000163655	1244.50	1017.00
ENSG00000163659	352.00	460.25
ENSG00000163660	1599.25	2004.00
ENSG00000163661	3710.00	15357.25
ENSG00000163666	17.00	20.25
ENSG00000163673	0.25	0.25
ENSG00000163681	1118.00	1350.75
ENSG00000163682	1796.50	1994.25
ENSG00000163683	2031.50	2479.00
ENSG00000163684	396.75	294.50
ENSG00000163686	95.50	107.00
ENSG00000163687	3.00	3.00
ENSG00000163689	61.25	42.25
ENSG00000163694	34.75	20.50
ENSG00000163697	1796.25	3052.25
ENSG00000163701	31.50	44.25
ENSG00000163702	653.25	689.75
ENSG00000163703	666.25	618.00
ENSG00000163704	226.75	183.75
ENSG00000163705	0.75	0.50
ENSG00000163710	1034.25	687.00
ENSG00000163714	1813.75	1644.75
ENSG00000163719	525.50	703.25
ENSG00000163728	1253.25	1353.25
ENSG00000163734	3.75	5.00
ENSG00000163735	9.00	13.50
ENSG00000163736	0.00	0.00
ENSG00000163737	0.00	2.25
ENSG00000163738	52.75	58.00

ENSG00000163739	22.25	61.00
ENSG00000163743	297.00	213.50
ENSG00000163746	1.50	1.25
ENSG00000163749	56.50	43.00
ENSG00000163751	0.25	0.00
ENSG00000163754	1087.50	1125.50
ENSG00000163755	901.50	637.25
ENSG00000163762	0.25	0.75
ENSG00000163781	768.50	803.75
ENSG00000163785	1785.50	1598.50
ENSG00000163788	430.75	524.25
ENSG00000163792	7.25	7.50
ENSG00000163793	0.00	0.00
ENSG00000163794	12.50	11.50
ENSG00000163795	290.25	284.00
ENSG00000163798	606.50	564.75
ENSG00000163803	53.25	150.75
ENSG00000163806	16.00	13.25
ENSG00000163807	613.50	535.75
ENSG00000163808	21.50	18.00
ENSG00000163810	0.25	0.75
ENSG00000163811	850.25	626.25
ENSG00000163812	953.25	1085.00
ENSG00000163814	145.25	142.75
ENSG00000163815	705.75	486.00
ENSG00000163817	16.25	21.75
ENSG00000163818	607.00	384.75
ENSG00000163820	4800.00	3452.75
ENSG00000163823	17.50	4.50
ENSG00000163825	0.50	0.00
ENSG00000163827	155.50	147.00
ENSG00000163832	308.75	247.25
ENSG00000163833	3.25	3.00
ENSG00000163840	1285.75	1101.75
ENSG00000163848	1447.00	1301.25
ENSG00000163864	23.50	12.50
ENSG00000163866	393.75	465.00
ENSG00000163867	419.50	379.75
ENSG00000163870	625.50	703.25
ENSG00000163872	1653.25	1675.50
ENSG00000163873	0.25	0.50
ENSG00000163874	148.00	160.50
ENSG00000163875	1217.50	1240.75

ENSG00000163877	400.00	455.00
ENSG00000163879	382.50	264.00
ENSG00000163882	396.50	392.50
ENSG00000163884	50.50	991.00
ENSG00000163885	1.25	1.25
ENSG00000163888	8.75	5.50
ENSG00000163898	7.00	10.00
ENSG00000163900	279.00	314.75
ENSG00000163902	3508.25	3831.25
ENSG00000163904	979.75	786.50
ENSG00000163909	1.25	1.75
ENSG00000163913	660.00	597.25
ENSG00000163914	0.00	0.00
ENSG00000163918	127.50	102.00
ENSG00000163923	117.25	114.75
ENSG00000163930	1478.50	1491.00
ENSG00000163931	6479.75	3823.00
ENSG00000163932	402.75	409.25
ENSG00000163933	319.75	324.50
ENSG00000163935	117.25	98.00
ENSG00000163938	1223.75	1069.50
ENSG00000163939	1927.50	1562.75
ENSG00000163945	294.00	242.25
ENSG00000163946	1789.50	1795.50
ENSG00000163947	796.75	346.25
ENSG00000163950	722.25	761.00
ENSG00000163956	2311.25	1994.50
ENSG00000163958	0.50	0.00
ENSG00000163959	68.50	60.75
ENSG00000163960	1817.25	1587.75
ENSG00000163961	399.50	426.50
ENSG00000163964	178.75	194.50
ENSG00000163975	287.50	241.50
ENSG00000163982	0.25	0.00
ENSG00000163993	0.75	0.00
ENSG00000163995	1.00	12.00
ENSG00000164002	94.00	92.00
ENSG00000164007	1.25	0.25
ENSG00000164008	136.00	95.50
ENSG00000164010	998.75	686.00
ENSG00000164011	154.75	115.75
ENSG00000164022	892.25	791.50
ENSG00000164023	1565.25	1957.00

ENSG00000164024	773.00	718.75
ENSG00000164031	1111.25	1246.50
ENSG00000164032	785.75	767.75
ENSG00000164035	6.00	3.75
ENSG00000164037	23.75	23.25
ENSG00000164038	389.75	424.75
ENSG00000164039	1498.00	1048.00
ENSG00000164040	3407.50	2863.75
ENSG00000164045	18.50	22.50
ENSG00000164047	0.00	0.50
ENSG00000164048	254.00	144.75
ENSG00000164049	13.50	16.25
ENSG00000164050	2841.50	4202.50
ENSG00000164051	259.00	314.50
ENSG00000164053	117.00	113.00
ENSG00000164054	3530.00	3595.75
ENSG00000164056	711.25	841.00
ENSG00000164061	24.00	18.00
ENSG00000164062	1282.75	1264.75
ENSG00000164066	673.50	637.00
ENSG00000164068	782.75	877.50
ENSG00000164070	983.00	360.25
ENSG00000164073	283.75	237.25
ENSG00000164074	158.75	152.00
ENSG00000164076	0.00	0.25
ENSG00000164077	214.50	205.75
ENSG00000164078	14.75	9.50
ENSG00000164080	692.00	669.75
ENSG00000164081	847.00	899.50
ENSG00000164082	1.75	1.75
ENSG00000164086	345.00	322.25
ENSG00000164087	48.25	38.50
ENSG00000164088	703.50	608.00
ENSG00000164089	0.25	0.00
ENSG00000164091	2598.50	2335.75
ENSG00000164093	9.25	8.00
ENSG00000164096	2906.25	2147.75
ENSG00000164099	7480.00	6259.50
ENSG00000164100	4.50	4.50
ENSG00000164104	688.25	1427.25
ENSG00000164105	347.25	715.75
ENSG00000164106	20.25	45.50
ENSG00000164107	8.75	24.25

ENSG00000164109	75.50	68.25
ENSG00000164111	24765.75	26218.00
ENSG00000164112	319.75	621.00
ENSG00000164113	0.00	0.00
ENSG00000164114	712.00	632.75
ENSG00000164116	336.50	211.00
ENSG00000164117	386.25	390.50
ENSG00000164118	289.50	254.25
ENSG00000164120	0.25	0.00
ENSG00000164122	7.50	36.25
ENSG00000164123	1.00	0.00
ENSG00000164124	158.50	162.25
ENSG00000164125	5154.25	9485.50
ENSG00000164128	0.00	0.25
ENSG00000164129	0.00	0.00
ENSG00000164134	831.75	992.50
ENSG00000164136	157.25	145.50
ENSG00000164142	2.25	17.50
ENSG00000164144	824.75	669.25
ENSG00000164151	1264.00	1288.75
ENSG00000164161	15.00	41.00
ENSG00000164162	114.00	114.00
ENSG00000164163	1196.50	1171.25
ENSG00000164164	1474.50	1616.50
ENSG00000164167	146.00	168.00
ENSG00000164168	1214.00	1376.50
ENSG00000164169	231.75	202.00
ENSG00000164171	1188.75	570.25
ENSG00000164172	1198.50	794.75
ENSG00000164175	0.25	0.50
ENSG00000164176	2788.00	2746.75
ENSG00000164180	319.75	330.75
ENSG00000164181	5.25	1.75
ENSG00000164182	300.75	277.25
ENSG00000164185	9.75	20.50
ENSG00000164187	550.25	457.00
ENSG00000164188	4.25	5.25
ENSG00000164190	1839.50	1644.50
ENSG00000164197	25.00	30.00
ENSG00000164199	12.00	10.75
ENSG00000164209	1664.00	1634.00
ENSG00000164211	356.25	279.75
ENSG00000164219	479.50	348.50

ENSG00000164220	2907.50	2132.25
ENSG00000164221	181.25	151.25
ENSG00000164236	3014.75	2788.00
ENSG00000164237	798.50	403.25
ENSG00000164241	73.00	87.25
ENSG00000164244	1866.00	1412.75
ENSG00000164251	55.25	41.50
ENSG00000164252	882.25	812.00
ENSG00000164253	636.00	519.00
ENSG00000164256	0.50	0.50
ENSG00000164258	716.25	596.00
ENSG00000164265	8.75	10.50
ENSG00000164266	1.50	0.25
ENSG00000164270	0.25	0.50
ENSG00000164283	31.50	16.00
ENSG00000164284	244.00	189.00
ENSG00000164287	5.50	5.00
ENSG00000164291	389.50	604.50
ENSG00000164292	10805.75	21330.75
ENSG00000164294	4396.50	2879.50
ENSG00000164296	180.25	175.00
ENSG00000164299	0.00	0.00
ENSG00000164300	697.50	585.25
ENSG00000164303	15.50	11.25
ENSG00000164304	1.25	0.00
ENSG00000164305	413.50	643.75
ENSG00000164306	262.50	207.00
ENSG00000164307	1685.50	1229.75
ENSG00000164308	940.25	826.75
ENSG00000164309	559.00	442.00
ENSG00000164318	14.25	9.25
ENSG00000164323	1216.75	1315.50
ENSG00000164325	0.00	0.00
ENSG00000164326	0.00	0.00
ENSG00000164327	1025.00	1108.25
ENSG00000164329	981.00	973.75
ENSG00000164330	654.75	1123.50
ENSG00000164331	478.00	369.75
ENSG00000164332	715.25	792.75
ENSG00000164334	0.00	0.25
ENSG00000164338	183.25	206.00
ENSG00000164342	248.50	135.50
ENSG00000164344	7.25	3.75

ENSG00000164346	1824.75	1505.25
ENSG00000164347	476.25	443.75
ENSG00000164362	0.00	0.00
ENSG00000164363	0.00	0.00
ENSG00000164366	1110.00	1262.75
ENSG00000164379	120.75	70.25
ENSG00000164393	0.75	0.50
ENSG00000164398	19.50	23.75
ENSG00000164399	0.00	0.00
ENSG00000164400	1.00	1.00
ENSG00000164402	2414.25	1768.75
ENSG00000164403	283.00	245.50
ENSG00000164404	4.25	7.25
ENSG00000164405	956.50	888.25
ENSG00000164406	13.50	16.25
ENSG00000164411	1.25	1.75
ENSG00000164414	502.75	491.50
ENSG00000164418	34.00	35.00
ENSG00000164430	65.25	67.25
ENSG00000164434	13.75	5.50
ENSG00000164438	0.00	0.00
ENSG00000164440	293.00	150.75
ENSG00000164442	4047.50	10695.25
ENSG00000164451	0.00	0.25
ENSG00000164458	0.00	0.00
ENSG00000164463	1456.00	1615.50
ENSG00000164465	844.00	552.50
ENSG00000164466	808.25	743.75
ENSG00000164483	24.75	12.50
ENSG00000164484	1199.25	485.75
ENSG00000164485	0.00	0.00
ENSG00000164488	0.00	0.00
ENSG00000164494	387.50	329.00
ENSG00000164500	0.00	0.00
ENSG00000164506	1691.50	1871.50
ENSG00000164508	0.00	0.00
ENSG00000164509	72.25	26.25
ENSG00000164512	11.75	3.75
ENSG00000164520	19.00	7.25
ENSG00000164530	179.25	48.75
ENSG00000164532	0.00	0.00
ENSG00000164535	348.00	405.50
ENSG00000164542	60.50	33.25

ENSG00000164543	1360.50	877.00
ENSG00000164548	940.00	666.00
ENSG00000164556	0.00	0.75
ENSG00000164574	3112.50	3486.00
ENSG00000164576	1699.75	1697.75
ENSG00000164587	9071.50	8594.25
ENSG00000164588	4.50	4.75
ENSG00000164591	24.00	9.75
ENSG00000164597	1168.25	910.00
ENSG00000164600	0.00	0.00
ENSG00000164603	433.25	467.75
ENSG00000164604	48.75	31.50
ENSG00000164609	1396.75	1258.75
ENSG00000164610	160.00	103.25
ENSG00000164611	98.75	84.75
ENSG00000164615	1073.25	1070.75
ENSG00000164616	0.50	0.25
ENSG00000164619	865.75	325.00
ENSG00000164620	46.25	41.25
ENSG00000164626	0.00	0.25
ENSG00000164627	38.25	23.25
ENSG00000164631	787.25	687.25
ENSG00000164638	120.00	74.25
ENSG00000164645	0.00	0.00
ENSG00000164647	1018.75	2720.00
ENSG00000164649	572.50	433.25
ENSG00000164651	0.00	0.25
ENSG00000164654	260.25	301.75
ENSG00000164659	113.25	89.50
ENSG00000164663	339.50	248.25
ENSG00000164669	23.25	16.25
ENSG00000164674	89.25	63.00
ENSG00000164675	44.25	41.50
ENSG00000164683	1.75	1.50
ENSG00000164684	196.25	229.50
ENSG00000164687	29.50	33.00
ENSG00000164690	1.25	0.00
ENSG00000164691	4.00	0.75
ENSG00000164692	257293.00	167827.25
ENSG00000164694	475.75	266.25
ENSG00000164695	1.25	0.75
ENSG00000164707	69.50	66.50
ENSG00000164708	0.50	1.00

ENSG00000164713	1964.75	2170.75
ENSG00000164715	367.25	376.75
ENSG00000164729	0.00	0.00
ENSG00000164733	28356.75	30231.00
ENSG00000164736	0.00	0.00
ENSG00000164740	0.00	0.00
ENSG00000164741	4103.75	3828.50
ENSG00000164742	618.00	111.75
ENSG00000164743	58.75	43.00
ENSG00000164744	1.25	1.00
ENSG00000164746	0.75	0.25
ENSG00000164749	2.00	1.50
ENSG00000164751	850.00	755.75
ENSG00000164754	2660.50	3262.75
ENSG00000164756	1.00	0.75
ENSG00000164758	99.75	121.75
ENSG00000164761	12726.25	4120.50
ENSG00000164764	20.75	27.50
ENSG00000164776	39.50	24.00
ENSG00000164778	0.25	0.25
ENSG00000164794	19.25	27.75
ENSG00000164796	6.00	4.25
ENSG00000164808	1274.50	1101.25
ENSG00000164815	263.25	244.25
ENSG00000164816	0.00	0.25
ENSG00000164818	617.50	532.00
ENSG00000164821	0.00	0.00
ENSG00000164822	0.00	0.00
ENSG00000164823	409.50	378.75
ENSG00000164825	0.00	0.25
ENSG00000164828	3043.25	3219.75
ENSG00000164830	996.50	768.25
ENSG00000164841	1.50	1.00
ENSG00000164845	51.25	30.50
ENSG00000164849	27.25	49.00
ENSG00000164850	135.25	69.25
ENSG00000164853	0.00	0.00
ENSG00000164855	10.75	23.75
ENSG00000164867	12.75	10.00
ENSG00000164871	0.00	0.00
ENSG00000164877	1012.50	776.25
ENSG00000164879	0.25	0.25
ENSG00000164880	2459.75	2259.50

ENSG00000164885	209.50	191.00
ENSG00000164889	2001.50	2219.00
ENSG00000164893	0.00	0.75
ENSG00000164896	1199.25	1109.25
ENSG00000164897	380.75	361.75
ENSG00000164898	48.50	70.75
ENSG00000164900	0.00	0.75
ENSG00000164902	1055.50	957.75
ENSG00000164904	1142.75	1043.50
ENSG00000164916	895.75	934.00
ENSG00000164919	1335.00	1221.25
ENSG00000164920	6194.00	3352.25
ENSG00000164924	10800.75	10222.75
ENSG00000164929	139.75	72.75
ENSG00000164930	1016.75	1895.75
ENSG00000164932	1692.75	3730.25
ENSG00000164933	412.00	652.75
ENSG00000164934	540.75	665.75
ENSG00000164935	0.00	0.00
ENSG00000164938	2322.00	1721.00
ENSG00000164941	703.75	568.50
ENSG00000164944	1770.50	1607.50
ENSG00000164946	7.00	14.25
ENSG00000164949	1760.75	2237.50
ENSG00000164951	1101.50	840.25
ENSG00000164953	279.25	198.00
ENSG00000164961	2387.00	1964.00
ENSG00000164967	185.25	158.00
ENSG00000164970	434.00	388.25
ENSG00000164972	4.00	3.75
ENSG00000164975	921.25	856.50
ENSG00000164976	78.75	61.00
ENSG00000164978	310.50	293.25
ENSG00000164983	615.00	514.75
ENSG00000164985	2020.50	1378.75
ENSG00000164989	103.75	66.25
ENSG00000165006	1232.00	1148.75
ENSG00000165023	18.75	5.75
ENSG00000165025	2.00	1.00
ENSG00000165028	25.75	17.75
ENSG00000165029	8423.00	8213.00
ENSG00000165030	958.50	1929.50
ENSG00000165046	82.50	88.25

ENSG00000165055	468.75	423.25
ENSG00000165059	0.00	0.00
ENSG00000165060	98.25	83.25
ENSG00000165061	2.75	5.25
ENSG00000165066	0.00	0.00
ENSG00000165071	9.75	11.50
ENSG00000165072	300.25	1160.00
ENSG00000165076	0.75	0.00
ENSG00000165078	50.75	28.25
ENSG00000165084	126.50	105.75
ENSG00000165091	4.50	6.25
ENSG00000165092	664.75	383.50
ENSG00000165097	688.25	575.50
ENSG00000165102	3207.75	2908.00
ENSG00000165105	146.00	103.25
ENSG00000165113	38.25	25.75
ENSG00000165115	150.75	131.00
ENSG00000165118	353.50	354.25
ENSG00000165119	9554.25	9397.50
ENSG00000165120	0.50	0.00
ENSG00000165121	24.75	18.25
ENSG00000165124	48219.00	69746.50
ENSG00000165125	12.00	39.25
ENSG00000165131	0.25	0.00
ENSG00000165138	780.25	763.25
ENSG00000165140	0.50	0.50
ENSG00000165152	353.25	448.00
ENSG00000165156	1403.75	1022.25
ENSG00000165164	0.00	0.00
ENSG00000165168	0.50	0.00
ENSG00000165169	1325.00	1295.50
ENSG00000165171	84.00	87.50
ENSG00000165175	1102.50	913.00
ENSG00000165178	0.00	0.25
ENSG00000165181	2.25	3.25
ENSG00000165182	0.25	0.50
ENSG00000165185	87.75	79.00
ENSG00000165186	7.00	6.75
ENSG00000165188	1.25	0.75
ENSG00000165192	1.00	1.75
ENSG00000165194	7.75	5.00
ENSG00000165195	126.00	232.00
ENSG00000165197	274.50	122.00

ENSG00000165202	7.25	3.75
ENSG00000165204	0.75	0.00
ENSG00000165209	128.00	116.00
ENSG00000165215	0.00	0.00
ENSG00000165219	1051.25	1029.00
ENSG00000165233	309.25	302.50
ENSG00000165238	0.00	1.00
ENSG00000165240	746.75	531.00
ENSG00000165244	26.75	55.25
ENSG00000165246	587.75	424.50
ENSG00000165259	92.75	83.00
ENSG00000165264	384.25	402.75
ENSG00000165269	16.50	7.75
ENSG00000165271	754.00	656.25
ENSG00000165272	257.25	32.00
ENSG00000165275	198.00	184.75
ENSG00000165280	6252.75	5698.75
ENSG00000165282	361.75	305.50
ENSG00000165283	1014.00	1035.50
ENSG00000165288	529.00	448.00
ENSG00000165300	9.00	6.50
ENSG00000165304	153.75	167.25
ENSG00000165309	5.75	1.00
ENSG00000165312	173.75	190.50
ENSG00000165322	1488.75	1502.25
ENSG00000165323	16.50	12.00
ENSG00000165325	0.00	0.00
ENSG00000165338	693.25	557.50
ENSG00000165349	3.75	5.75
ENSG00000165355	351.00	378.50
ENSG00000165359	205.25	160.75
ENSG00000165370	0.00	0.00
ENSG00000165376	2.00	2.50
ENSG00000165379	10.00	6.75
ENSG00000165383	26.50	41.50
ENSG00000165389	1989.00	1679.00
ENSG00000165392	368.25	360.75
ENSG00000165406	1252.25	1022.50
ENSG00000165409	0.50	1.50
ENSG00000165410	2341.25	2055.75
ENSG00000165416	993.25	848.25
ENSG00000165417	1177.25	949.50
ENSG00000165424	6562.50	6115.50

ENSG00000165434	399.25	297.50
ENSG00000165443	0.25	4.00
ENSG00000165449	4.50	4.25
ENSG00000165457	0.00	0.00
ENSG00000165458	2485.25	2539.25
ENSG00000165462	0.00	0.00
ENSG00000165471	0.00	0.00
ENSG00000165474	0.25	0.25
ENSG00000165475	426.00	331.00
ENSG00000165476	1970.00	2141.50
ENSG00000165478	2.25	2.50
ENSG00000165480	11.00	14.00
ENSG00000165487	768.75	685.50
ENSG00000165490	18.00	17.75
ENSG00000165494	1035.50	1073.50
ENSG00000165495	32.75	5.50
ENSG00000165496	0.00	0.00
ENSG00000165501	105.25	115.25
ENSG00000165502	1897.25	1643.50
ENSG00000165506	193.25	195.75
ENSG00000165507	9624.75	25873.50
ENSG00000165509	3.00	2.50
ENSG00000165512	373.75	449.50
ENSG00000165516	1273.50	1446.00
ENSG00000165521	170.50	137.75
ENSG00000165525	1250.50	1148.75
ENSG00000165526	469.75	476.00
ENSG00000165527	1596.50	1910.75
ENSG00000165533	946.50	563.25
ENSG00000165548	0.00	0.00
ENSG00000165553	0.00	0.00
ENSG00000165555	14.25	11.00
ENSG00000165556	0.00	0.25
ENSG00000165566	3.00	3.00
ENSG00000165568	26.50	21.00
ENSG00000165572	332.25	289.50
ENSG00000165583	1.00	0.75
ENSG00000165584	0.50	0.00
ENSG00000165588	0.00	0.00
ENSG00000165591	7.00	2.50
ENSG00000165606	0.25	0.00
ENSG00000165609	1377.00	1129.25
ENSG00000165617	526.25	526.50

ENSG00000165621	0.50	0.25
ENSG00000165623	0.00	0.00
ENSG00000165626	214.75	174.50
ENSG00000165629	1256.50	1397.00
ENSG00000165630	260.25	259.00
ENSG00000165632	356.25	290.00
ENSG00000165633	1962.75	2701.00
ENSG00000165637	1930.50	2476.75
ENSG00000165643	0.00	0.00
ENSG00000165644	50.75	92.75
ENSG00000165646	5.75	3.50
ENSG00000165650	1179.00	1096.25
ENSG00000165655	1284.75	1113.75
ENSG00000165660	445.50	460.75
ENSG00000165661	339.50	349.50
ENSG00000165669	706.50	552.75
ENSG00000165671	1674.50	1267.50
ENSG00000165672	1867.50	2004.00
ENSG00000165675	303.25	418.25
ENSG00000165678	2616.00	2473.75
ENSG00000165682	0.00	0.25
ENSG00000165684	330.00	262.75
ENSG00000165685	14.00	8.25
ENSG00000165688	734.75	791.00
ENSG00000165689	496.50	528.00
ENSG00000165694	1.50	0.25
ENSG00000165695	22.00	20.75
ENSG00000165698	173.75	145.50
ENSG00000165699	1677.00	1627.00
ENSG00000165702	2.25	0.00
ENSG00000165704	277.00	277.25
ENSG00000165714	179.50	156.75
ENSG00000165716	23.75	23.50
ENSG00000165724	219.25	203.00
ENSG00000165730	0.75	5.25
ENSG00000165731	13.75	10.50
ENSG00000165732	1141.00	1540.25
ENSG00000165733	999.00	930.00
ENSG00000165752	123.50	122.50
ENSG00000165757	4090.50	4242.25
ENSG00000165762	0.00	0.00
ENSG00000165775	790.50	892.75
ENSG00000165782	523.25	548.75

ENSG00000165792	538.25	423.00
ENSG00000165794	1.25	0.25
ENSG00000165795	52.50	67.50
ENSG00000165799	1.00	0.25
ENSG00000165801	2836.25	1465.25
ENSG00000165802	1157.75	2064.75
ENSG00000165804	846.25	716.50
ENSG00000165805	56.25	59.25
ENSG00000165806	493.75	421.50
ENSG00000165807	14.25	14.75
ENSG00000165810	10.25	7.25
ENSG00000165813	575.50	436.25
ENSG00000165816	7.50	2.25
ENSG00000165819	737.75	802.00
ENSG00000165821	513.00	288.25
ENSG00000165828	18.00	7.25
ENSG00000165832	408.75	342.25
ENSG00000165837	1.75	3.25
ENSG00000165841	0.00	0.00
ENSG00000165861	1106.25	1093.75
ENSG00000165863	3.75	2.50
ENSG00000165868	503.00	302.50
ENSG00000165874	18.75	21.50
ENSG00000165879	72.00	60.25
ENSG00000165886	421.50	379.50
ENSG00000165887	10.75	14.00
ENSG00000165891	67.00	20.00
ENSG00000165895	167.50	69.50
ENSG00000165898	249.50	272.00
ENSG00000165899	13.25	40.00
ENSG00000165905	0.00	0.25
ENSG00000165912	568.00	442.50
ENSG00000165914	583.00	443.25
ENSG00000165915	2549.00	3750.50
ENSG00000165916	1439.75	1520.25
ENSG00000165917	2.25	1.25
ENSG00000165923	41.25	34.75
ENSG00000165929	12.50	20.25
ENSG00000165934	1641.75	1470.50
ENSG00000165935	1.50	2.75
ENSG00000165943	160.50	189.00
ENSG00000165948	87.50	83.50
ENSG00000165949	37.50	21.75

ENSG00000165953	0.00	0.00
ENSG00000165959	22.00	35.00
ENSG00000165966	3.50	1.00
ENSG00000165970	0.00	0.00
ENSG00000165972	8.50	3.75
ENSG00000165973	0.00	0.75
ENSG00000165983	181.75	185.50
ENSG00000165985	12.50	10.75
ENSG00000165995	121.00	835.75
ENSG00000165996	202.75	382.75
ENSG00000165997	460.50	368.50
ENSG00000166002	43.50	35.75
ENSG00000166004	370.25	349.25
ENSG00000166006	0.25	0.00
ENSG00000166007	0.00	0.75
ENSG00000166012	1198.25	1208.00
ENSG00000166013	0.00	0.25
ENSG00000166016	242.75	252.00
ENSG00000166024	373.00	412.50
ENSG00000166025	2254.50	2229.00
ENSG00000166033	3200.50	2785.50
ENSG00000166035	47.25	24.00
ENSG00000166037	1003.50	711.25
ENSG00000166046	334.50	267.25
ENSG00000166049	0.00	0.00
ENSG00000166068	1103.00	1292.50
ENSG00000166069	0.00	0.00
ENSG00000166073	5213.25	4375.25
ENSG00000166086	2171.75	2275.50
ENSG00000166090	0.00	0.00
ENSG00000166091	2.25	2.00
ENSG00000166104	0.00	0.00
ENSG00000166105	15.00	19.00
ENSG00000166106	1288.75	1606.25
ENSG00000166111	4.00	4.25
ENSG00000166118	0.00	0.00
ENSG00000166123	400.75	269.25
ENSG00000166126	3.00	0.75
ENSG00000166128	2788.50	2483.25
ENSG00000166130	1276.00	1292.75
ENSG00000166133	136.00	112.00
ENSG00000166135	1972.25	1753.00
ENSG00000166136	988.75	882.25

ENSG00000166140	395.75	335.75
ENSG00000166143	0.00	0.25
ENSG00000166145	1.50	3.25
ENSG00000166147	69090.00	63354.75
ENSG00000166148	5.75	10.25
ENSG00000166152	0.00	0.00
ENSG00000166153	15.75	11.50
ENSG00000166159	0.25	0.00
ENSG00000166160	0.00	0.00
ENSG00000166164	1130.75	1030.75
ENSG00000166165	377.75	565.25
ENSG00000166166	329.50	391.25
ENSG00000166167	603.25	471.50
ENSG00000166169	512.00	448.25
ENSG00000166170	680.25	725.00
ENSG00000166171	269.75	183.00
ENSG00000166173	1409.00	947.00
ENSG00000166181	2130.25	1911.25
ENSG00000166183	0.25	0.25
ENSG00000166188	288.25	249.75
ENSG00000166189	336.75	439.50
ENSG00000166192	87.00	73.75
ENSG00000166197	1129.00	1141.50
ENSG00000166199	238.25	243.00
ENSG00000166200	1998.75	1673.75
ENSG00000166206	74.75	58.75
ENSG00000166211	0.00	0.00
ENSG00000166220	0.25	0.00
ENSG00000166224	885.50	776.00
ENSG00000166225	1275.75	1074.25
ENSG00000166226	1620.50	1688.25
ENSG00000166228	500.75	431.00
ENSG00000166233	2038.75	1935.00
ENSG00000166246	18.75	16.75
ENSG00000166250	8215.00	5873.25
ENSG00000166257	15.50	10.75
ENSG00000166260	682.75	1095.75
ENSG00000166261	163.50	144.00
ENSG00000166262	62.00	37.25
ENSG00000166263	393.50	636.00
ENSG00000166265	2.50	0.75
ENSG00000166266	908.25	896.75
ENSG00000166268	0.00	0.00

ENSG00000166272	2110.50	3079.50
ENSG00000166275	418.50	397.00
ENSG00000166278	307.25	207.75
ENSG00000166289	475.75	641.00
ENSG00000166292	22.75	48.50
ENSG00000166295	920.50	980.00
ENSG00000166311	3894.75	3201.25
ENSG00000166313	1469.75	1556.25
ENSG00000166317	16.75	18.25
ENSG00000166321	73.75	48.25
ENSG00000166323	17.25	8.00
ENSG00000166326	3088.75	2954.00
ENSG00000166329	0.00	0.00
ENSG00000166333	3399.75	3801.25
ENSG00000166337	1057.00	874.25
ENSG00000166340	6985.75	5340.50
ENSG00000166341	2753.75	1567.50
ENSG00000166342	56.50	48.75
ENSG00000166343	41.50	43.50
ENSG00000166347	873.00	1170.00
ENSG00000166348	367.00	245.75
ENSG00000166349	34.25	33.75
ENSG00000166351	0.00	0.00
ENSG00000166352	270.75	214.50
ENSG00000166359	11.75	6.00
ENSG00000166363	0.00	0.00
ENSG00000166368	0.00	0.00
ENSG00000166377	684.25	665.25
ENSG00000166387	461.00	544.50
ENSG00000166391	0.00	0.00
ENSG00000166394	204.75	243.50
ENSG00000166396	5.50	4.50
ENSG00000166398	763.00	961.25
ENSG00000166401	350.75	474.25
ENSG00000166402	867.00	604.50
ENSG00000166405	6.25	6.00
ENSG00000166407	0.50	0.25
ENSG00000166408	0.00	0.00
ENSG00000166411	494.75	525.00
ENSG00000166415	12.75	10.50
ENSG00000166426	0.00	0.50
ENSG00000166428	8.25	3.25
ENSG00000166432	91.25	65.00

ENSG00000166435	340.75	242.50
ENSG00000166436	307.75	214.50
ENSG00000166439	963.75	728.50
ENSG00000166441	13742.25	11509.75
ENSG00000166444	2520.75	2550.00
ENSG00000166446	110.25	145.75
ENSG00000166448	288.75	189.75
ENSG00000166450	72.50	66.50
ENSG00000166451	87.75	99.75
ENSG00000166452	527.25	502.25
ENSG00000166454	1870.75	1437.25
ENSG00000166455	27.50	15.25
ENSG00000166471	464.75	433.75
ENSG00000166473	251.50	98.25
ENSG00000166477	466.00	401.50
ENSG00000166478	272.75	272.25
ENSG00000166479	2521.00	1855.50
ENSG00000166482	38663.00	18059.50
ENSG00000166483	2480.00	3495.00
ENSG00000166484	843.00	1293.00
ENSG00000166492	12.25	8.75
ENSG00000166501	2.75	2.00
ENSG00000166503	1481.00	1150.25
ENSG00000166507	605.25	516.50
ENSG00000166508	905.25	612.75
ENSG00000166509	3.00	4.00
ENSG00000166510	85.50	177.25
ENSG00000166523	2.75	3.75
ENSG00000166526	533.25	341.50
ENSG00000166527	0.25	0.00
ENSG00000166529	204.00	181.25
ENSG00000166530	0.00	0.00
ENSG00000166532	903.50	653.75
ENSG00000166535	7.25	5.75
ENSG00000166546	6.25	7.50
ENSG00000166548	1319.25	1332.50
ENSG00000166557	1730.50	1467.25
ENSG00000166558	0.00	0.00
ENSG00000166562	97.75	74.00
ENSG00000166569	3.00	0.75
ENSG00000166573	12.50	14.25
ENSG00000166575	401.50	337.00
ENSG00000166578	30.25	28.25

ENSG00000166579	1306.00	1571.75
ENSG00000166582	104.25	84.50
ENSG00000166589	0.00	0.00
ENSG00000166592	166.50	51.50
ENSG00000166595	684.25	721.00
ENSG00000166596	6.75	5.50
ENSG00000166598	19986.75	17657.25
ENSG00000166603	0.00	0.00
ENSG00000166619	1390.25	1355.75
ENSG00000166634	0.00	0.25
ENSG00000166664	12.50	10.75
ENSG00000166669	14.75	17.25
ENSG00000166670	15.50	1.75
ENSG00000166676	9.50	8.00
ENSG00000166681	2755.75	3334.50
ENSG00000166682	5.00	1.25
ENSG00000166685	742.25	651.00
ENSG00000166689	12.00	5.50
ENSG00000166693	0.00	0.00
ENSG00000166704	209.75	189.75
ENSG00000166707	23.00	29.25
ENSG00000166710	22471.50	18859.00
ENSG00000166716	928.75	918.50
ENSG00000166734	3526.50	3212.50
ENSG00000166736	0.00	0.00
ENSG00000166741	2907.75	12172.75
ENSG00000166743	0.00	0.00
ENSG00000166747	2132.25	2267.00
ENSG00000166748	0.00	0.00
ENSG00000166750	5383.75	4606.75
ENSG00000166762	34.00	18.50
ENSG00000166763	1.25	2.00
ENSG00000166780	1167.25	1482.75
ENSG00000166783	1061.75	896.00
ENSG00000166787	0.00	0.00
ENSG00000166788	131.50	94.75
ENSG00000166793	273.00	88.50
ENSG00000166794	7848.75	7402.25
ENSG00000166796	11.75	12.50
ENSG00000166797	367.50	388.00
ENSG00000166800	6.50	8.25
ENSG00000166801	873.25	799.00
ENSG00000166803	40.50	35.75

ENSG00000166813	323.00	310.25
ENSG00000166816	6.00	11.75
ENSG00000166819	4.50	5.25
ENSG00000166821	159.25	153.50
ENSG00000166822	172.75	181.75
ENSG00000166823	4.00	5.00
ENSG00000166825	2878.00	5464.25
ENSG00000166828	3.25	1.75
ENSG00000166831	37.25	24.25
ENSG00000166833	3627.25	2828.25
ENSG00000166839	556.75	464.25
ENSG00000166840	7.50	8.00
ENSG00000166845	112.75	83.75
ENSG00000166847	2198.50	2087.25
ENSG00000166848	1422.75	1145.25
ENSG00000166851	46.00	42.25
ENSG00000166855	929.25	937.25
ENSG00000166856	0.50	0.25
ENSG00000166860	215.75	170.25
ENSG00000166862	1.25	0.75
ENSG00000166863	10.75	7.00
ENSG00000166866	0.00	1.50
ENSG00000166869	21.00	14.25
ENSG00000166881	616.25	542.50
ENSG00000166884	0.00	0.00
ENSG00000166886	1178.75	1122.25
ENSG00000166887	3002.50	2854.50
ENSG00000166888	6318.00	6730.75
ENSG00000166889	1189.00	1085.75
ENSG00000166896	65.75	49.00
ENSG00000166897	11.50	8.25
ENSG00000166900	309.50	278.25
ENSG00000166902	459.50	451.25
ENSG00000166908	440.50	375.25
ENSG00000166912	525.75	811.25
ENSG00000166913	5447.75	5570.00
ENSG00000166920	12.25	7.50
ENSG00000166922	327.25	253.25
ENSG00000166923	23274.00	19690.25
ENSG00000166924	26.25	19.25
ENSG00000166925	775.75	739.50
ENSG00000166926	0.00	0.00
ENSG00000166927	2.25	3.50

ENSG00000166928	0.00	0.00
ENSG00000166930	0.25	0.50
ENSG00000166938	663.00	581.25
ENSG00000166946	920.50	1113.75
ENSG00000166947	2.50	1.75
ENSG00000166948	0.00	0.00
ENSG00000166949	6238.00	3929.25
ENSG00000166959	0.00	0.00
ENSG00000166960	10.50	3.75
ENSG00000166961	0.00	0.25
ENSG00000166963	9591.75	5085.25
ENSG00000166965	195.50	181.25
ENSG00000166971	469.25	444.75
ENSG00000166974	901.50	506.50
ENSG00000166979	78.50	180.00
ENSG00000166984	0.00	0.25
ENSG00000166986	2063.50	1453.00
ENSG00000166987	691.25	603.50
ENSG00000166997	652.00	418.75
ENSG00000167004	11410.00	9869.75
ENSG00000167005	2056.00	1783.25
ENSG00000167011	0.50	0.50
ENSG00000167014	2.75	1.25
ENSG00000167034	26.50	31.75
ENSG00000167037	2.50	2.75
ENSG00000167065	140.50	140.00
ENSG00000167074	525.00	318.50
ENSG00000167077	9.50	6.75
ENSG00000167080	165.50	130.25
ENSG00000167081	2409.00	1861.75
ENSG00000167083	0.50	0.50
ENSG00000167085	1249.00	1292.50
ENSG00000167088	353.75	370.50
ENSG00000167094	8.75	11.00
ENSG00000167098	0.00	0.00
ENSG00000167100	97.00	76.75
ENSG00000167103	26.00	13.00
ENSG00000167104	0.00	0.00
ENSG00000167105	22.25	11.75
ENSG00000167106	1334.75	629.50
ENSG00000167107	417.75	384.75
ENSG00000167110	2467.50	2072.75
ENSG00000167112	450.75	404.25

ENSG00000167113	453.00	358.25
ENSG00000167114	357.25	453.25
ENSG00000167118	926.50	878.00
ENSG00000167123	4391.00	3951.75
ENSG00000167130	166.00	124.25
ENSG00000167131	27.00	21.25
ENSG00000167136	118.50	150.00
ENSG00000167139	0.75	0.00
ENSG00000167157	592.75	495.50
ENSG00000167165	0.00	0.00
ENSG00000167173	330.50	310.00
ENSG00000167178	7.50	4.25
ENSG00000167182	380.00	349.00
ENSG00000167183	1.75	0.75
ENSG00000167186	340.75	249.00
ENSG00000167191	1344.25	4257.25
ENSG00000167193	2259.50	2434.25
ENSG00000167194	0.00	0.00
ENSG00000167195	0.00	0.25
ENSG00000167196	892.50	597.00
ENSG00000167202	8543.00	7373.75
ENSG00000167207	0.75	2.00
ENSG00000167208	1.00	1.00
ENSG00000167210	0.00	0.25
ENSG00000167216	200.75	154.75
ENSG00000167220	416.75	389.75
ENSG00000167232	376.75	272.25
ENSG00000167244	7042.75	9069.00
ENSG00000167257	428.25	306.50
ENSG00000167258	1361.50	1131.00
ENSG00000167261	1.50	3.25
ENSG00000167264	134.75	122.25
ENSG00000167272	255.00	213.50
ENSG00000167280	451.25	314.00
ENSG00000167281	7.50	6.50
ENSG00000167283	1662.50	1538.50
ENSG00000167286	0.00	0.00
ENSG00000167291	2571.75	3400.00
ENSG00000167302	354.00	400.75
ENSG00000167306	13.25	22.00
ENSG00000167311	39.00	15.00
ENSG00000167315	1194.00	1254.25
ENSG00000167323	1350.50	1584.50

ENSG00000167325	1035.25	766.25
ENSG00000167332	4.00	5.00
ENSG00000167333	418.50	301.50
ENSG00000167346	0.00	0.00
ENSG00000167359	0.00	0.25
ENSG00000167360	0.00	0.00
ENSG00000167363	105.50	86.50
ENSG00000167371	394.00	227.75
ENSG00000167377	436.25	413.75
ENSG00000167378	510.25	439.50
ENSG00000167380	430.25	255.25
ENSG00000167384	154.00	108.25
ENSG00000167390	0.00	0.00
ENSG00000167393	104.50	78.00
ENSG00000167394	281.00	329.50
ENSG00000167395	596.75	609.00
ENSG00000167397	2302.25	2138.25
ENSG00000167414	1.00	0.50
ENSG00000167419	7.50	3.00
ENSG00000167434	0.25	0.00
ENSG00000167447	440.25	435.00
ENSG00000167460	40652.25	63873.00
ENSG00000167461	980.00	1016.50
ENSG00000167468	7116.75	5091.25
ENSG00000167470	1117.75	891.25
ENSG00000167476	7.00	4.25
ENSG00000167483	43.00	46.50
ENSG00000167487	146.00	142.75
ENSG00000167491	1118.50	1113.75
ENSG00000167494	0.00	0.00
ENSG00000167508	352.00	339.00
ENSG00000167513	27.25	21.25
ENSG00000167515	821.50	621.00
ENSG00000167522	4776.75	4463.25
ENSG00000167523	80.00	73.75
ENSG00000167524	51.75	50.25
ENSG00000167525	46.00	38.25
ENSG00000167526	19488.50	17829.75
ENSG00000167528	291.75	259.25
ENSG00000167531	0.00	0.00
ENSG00000167535	1376.00	1266.00
ENSG00000167536	67.75	79.75
ENSG00000167543	436.25	617.00

ENSG00000167548	2142.25	2237.75
ENSG00000167549	695.00	3086.25
ENSG00000167550	10.50	22.50
ENSG00000167552	12535.00	4882.25
ENSG00000167553	2633.00	1825.25
ENSG00000167554	123.75	81.00
ENSG00000167555	827.25	625.50
ENSG00000167562	156.00	132.00
ENSG00000167565	331.00	271.75
ENSG00000167566	809.50	674.00
ENSG00000167578	227.25	278.25
ENSG00000167580	0.25	0.00
ENSG00000167588	4.00	3.75
ENSG00000167595	182.50	185.00
ENSG00000167600	62.50	54.75
ENSG00000167601	4905.25	4824.75
ENSG00000167604	45.75	39.75
ENSG00000167608	1.00	1.25
ENSG00000167612	2.75	2.00
ENSG00000167613	3.25	1.75
ENSG00000167614	1.25	3.25
ENSG00000167615	2295.00	2454.50
ENSG00000167617	38.75	45.25
ENSG00000167618	0.00	0.00
ENSG00000167619	11.75	4.25
ENSG00000167625	264.75	266.25
ENSG00000167632	507.25	459.75
ENSG00000167633	0.00	0.00
ENSG00000167634	0.00	0.00
ENSG00000167635	1230.75	1017.75
ENSG00000167637	156.75	104.00
ENSG00000167641	67.25	431.25
ENSG00000167642	50.50	166.75
ENSG00000167644	0.00	1.00
ENSG00000167645	426.50	864.50
ENSG00000167646	6.25	3.25
ENSG00000167653	35.00	12.75
ENSG00000167654	6.50	11.00
ENSG00000167656	0.00	0.00
ENSG00000167657	1229.75	1478.75
ENSG00000167658	67166.50	58438.75
ENSG00000167664	1.25	0.75
ENSG00000167670	155.25	143.25

ENSG00000167671	2914.25	2777.00
ENSG00000167674	1433.50	1256.50
ENSG00000167676	71.50	47.50
ENSG00000167680	50.75	21.25
ENSG00000167685	475.50	392.00
ENSG00000167693	1869.50	1703.50
ENSG00000167695	465.25	469.50
ENSG00000167699	732.25	586.25
ENSG00000167700	130.50	125.50
ENSG00000167701	29.25	26.25
ENSG00000167702	299.50	456.25
ENSG00000167703	127.75	89.75
ENSG00000167705	68.25	92.75
ENSG00000167711	4.50	9.00
ENSG00000167716	870.25	980.00
ENSG00000167720	349.25	287.75
ENSG00000167721	1249.25	1402.75
ENSG00000167723	44.00	47.75
ENSG00000167733	195.50	177.00
ENSG00000167740	633.00	534.75
ENSG00000167741	2.50	2.50
ENSG00000167747	321.25	218.00
ENSG00000167748	0.25	0.25
ENSG00000167749	2.00	7.00
ENSG00000167751	1.75	1.75
ENSG00000167754	0.00	0.00
ENSG00000167755	0.00	0.00
ENSG00000167757	5.50	3.50
ENSG00000167759	0.25	0.00
ENSG00000167766	941.00	784.25
ENSG00000167767	10.00	16.75
ENSG00000167768	0.00	0.00
ENSG00000167769	0.25	1.25
ENSG00000167770	1014.00	1051.50
ENSG00000167771	71.50	25.25
ENSG00000167772	732.00	1106.25
ENSG00000167774	21.00	10.25
ENSG00000167775	331.25	263.50
ENSG00000167778	729.75	769.75
ENSG00000167779	3818.75	4340.00
ENSG00000167780	1.50	3.50
ENSG00000167785	491.00	422.75
ENSG00000167791	0.00	0.00

ENSG00000167792	1410.50	1360.00
ENSG00000167797	238.50	412.50
ENSG00000167798	0.00	0.00
ENSG00000167799	18.75	19.00
ENSG00000167800	0.25	0.25
ENSG00000167807	13.50	16.50
ENSG00000167815	1362.50	1059.00
ENSG00000167822	0.00	0.00
ENSG00000167825	0.00	0.00
ENSG00000167840	84.50	80.00
ENSG00000167842	278.00	235.25
ENSG00000167850	0.00	0.00
ENSG00000167851	0.00	0.00
ENSG00000167858	0.25	0.25
ENSG00000167861	9.25	17.00
ENSG00000167862	227.00	216.75
ENSG00000167863	1531.50	1694.25
ENSG00000167874	5.50	3.50
ENSG00000167880	2.25	5.25
ENSG00000167881	1459.25	1242.50
ENSG00000167889	6.25	4.25
ENSG00000167895	1.00	0.25
ENSG00000167900	83.50	60.75
ENSG00000167904	304.50	198.25
ENSG00000167910	0.75	0.25
ENSG00000167914	5.50	2.00
ENSG00000167916	0.00	0.00
ENSG00000167920	146.25	155.50
ENSG00000167925	368.50	428.00
ENSG00000167930	2438.75	2359.50
ENSG00000167941	0.00	0.50
ENSG00000167945	2.25	1.75
ENSG00000167962	732.50	836.25
ENSG00000167964	14.00	10.75
ENSG00000167965	678.50	557.75
ENSG00000167967	402.25	410.00
ENSG00000167968	11.25	8.00
ENSG00000167969	346.75	447.25
ENSG00000167971	3.25	5.25
ENSG00000167972	138.50	130.75
ENSG00000167977	367.00	338.25
ENSG00000167978	11565.50	11897.50
ENSG00000167981	87.25	71.00

ENSG00000167984	38.25	28.75
ENSG00000167985	181.25	256.25
ENSG00000167986	9225.00	8276.00
ENSG00000167987	370.00	325.00
ENSG00000167992	385.75	141.75
ENSG00000167994	1007.75	917.50
ENSG00000167995	488.50	260.75
ENSG00000167996	156061.50	148345.00
ENSG00000168000	263.00	214.00
ENSG00000168002	637.00	586.50
ENSG00000168003	1815.25	1367.75
ENSG00000168004	28.50	36.25
ENSG00000168005	398.75	384.00
ENSG00000168010	289.75	194.75
ENSG00000168014	578.25	540.00
ENSG00000168016	1744.50	1723.25
ENSG00000168026	100.25	92.00
ENSG00000168028	14795.50	13450.75
ENSG00000168032	68.50	70.00
ENSG00000168036	5382.50	5260.00
ENSG00000168038	89.50	93.50
ENSG00000168040	398.75	368.75
ENSG00000168056	5844.00	5382.00
ENSG00000168060	168.25	149.75
ENSG00000168061	100.75	69.50
ENSG00000168062	40.25	24.00
ENSG00000168065	1.75	2.50
ENSG00000168066	2892.50	2776.00
ENSG00000168067	246.75	264.75
ENSG00000168070	0.00	0.25
ENSG00000168071	41.25	33.00
ENSG00000168077	2764.75	1662.75
ENSG00000168078	30.75	22.00
ENSG00000168079	204.50	518.25
ENSG00000168081	0.25	0.00
ENSG00000168090	1532.75	1275.00
ENSG00000168092	1479.50	1774.25
ENSG00000168096	342.00	311.25
ENSG00000168101	223.00	265.50
ENSG00000168116	217.25	176.75
ENSG00000168118	749.25	828.25
ENSG00000168122	0.00	0.00
ENSG00000168124	0.75	0.75

ENSG00000168126	0.00	0.25
ENSG00000168129	0.00	0.00
ENSG00000168131	0.00	0.00
ENSG00000168135	1.00	0.50
ENSG00000168137	2669.50	1987.00
ENSG00000168140	2287.50	1724.50
ENSG00000168143	0.75	0.00
ENSG00000168148	1.00	2.25
ENSG00000168152	94.50	63.25
ENSG00000168158	3.50	1.00
ENSG00000168159	1991.75	1650.50
ENSG00000168172	1456.75	1611.50
ENSG00000168175	1332.75	1390.25
ENSG00000168209	1545.00	2233.00
ENSG00000168214	8079.00	4308.00
ENSG00000168216	1031.25	967.25
ENSG00000168228	203.00	175.75
ENSG00000168229	0.50	0.50
ENSG00000168234	455.50	744.25
ENSG00000168237	47.25	43.75
ENSG00000168243	3.00	2.25
ENSG00000168246	815.25	670.50
ENSG00000168255	897.25	776.25
ENSG00000168256	621.75	625.50
ENSG00000168259	1285.25	1131.50
ENSG00000168263	0.50	1.00
ENSG00000168264	1787.25	1320.25
ENSG00000168267	0.00	0.00
ENSG00000168268	1140.25	1192.25
ENSG00000168269	0.00	0.25
ENSG00000168273	88.25	72.75
ENSG00000168275	147.50	147.00
ENSG00000168280	3.50	4.25
ENSG00000168282	1130.75	964.00
ENSG00000168283	1225.25	1244.75
ENSG00000168286	467.00	458.00
ENSG00000168288	1600.25	1474.75
ENSG00000168291	847.25	948.75
ENSG00000168297	1949.00	1485.50
ENSG00000168298	1.75	0.25
ENSG00000168300	2251.25	1534.75
ENSG00000168301	134.00	142.25
ENSG00000168303	290.50	426.50

ENSG00000168306	515.25	366.50
ENSG00000168309	21.00	258.50
ENSG00000168310	665.50	727.50
ENSG00000168314	10.50	9.75
ENSG00000168329	1.25	0.75
ENSG00000168333	0.00	0.00
ENSG00000168334	2.50	0.50
ENSG00000168348	0.00	0.00
ENSG00000168350	13.00	8.75
ENSG00000168356	6.50	6.00
ENSG00000168374	5064.00	5539.00
ENSG00000168379	0.00	0.25
ENSG00000168384	5.50	4.75
ENSG00000168385	15318.75	13954.75
ENSG00000168386	2845.25	1658.50
ENSG00000168389	7.50	12.00
ENSG00000168393	243.50	207.00
ENSG00000168394	117.75	96.75
ENSG00000168395	340.00	357.25
ENSG00000168397	885.25	868.25
ENSG00000168398	10650.50	2638.00
ENSG00000168404	70.75	86.75
ENSG00000168405	114.00	150.75
ENSG00000168411	388.75	365.50
ENSG00000168412	0.25	0.50
ENSG00000168418	6.25	4.75
ENSG00000168421	11.50	11.50
ENSG00000168427	12.25	23.25
ENSG00000168434	416.25	313.75
ENSG00000168438	637.50	586.50
ENSG00000168439	1740.25	1657.00
ENSG00000168447	0.25	0.00
ENSG00000168452	67.50	65.25
ENSG00000168453	1066.00	737.25
ENSG00000168454	1.50	2.00
ENSG00000168461	2925.50	4794.50
ENSG00000168468	119.25	119.50
ENSG00000168476	203.00	228.00
ENSG00000168477	4840.00	2846.25
ENSG00000168481	2.00	33.00
ENSG00000168484	0.00	0.25
ENSG00000168487	2582.50	2493.00
ENSG00000168488	1943.00	1628.75

ENSG00000168490	59.50	40.00
ENSG00000168491	15.75	7.50
ENSG00000168495	607.25	590.75
ENSG00000168496	135.75	126.75
ENSG00000168497	968.00	858.50
ENSG00000168502	2721.25	1894.50
ENSG00000168505	0.25	0.25
ENSG00000168509	0.00	0.25
ENSG00000168515	0.00	0.00
ENSG00000168517	123.00	90.25
ENSG00000168522	1284.50	1319.50
ENSG00000168528	1672.00	1902.50
ENSG00000168530	0.00	0.00
ENSG00000168538	1150.50	1419.50
ENSG00000168539	0.25	0.00
ENSG00000168542	114294.75	56577.25
ENSG00000168546	2.25	0.00
ENSG00000168556	248.75	484.75
ENSG00000168564	375.25	404.25
ENSG00000168566	307.25	313.75
ENSG00000168569	181.50	171.75
ENSG00000168575	1112.25	1346.25
ENSG00000168582	0.00	0.00
ENSG00000168589	7.00	6.75
ENSG00000168591	945.50	933.00
ENSG00000168594	5.25	2.50
ENSG00000168610	6743.00	9262.00
ENSG00000168612	255.00	216.00
ENSG00000168615	17578.75	16798.25
ENSG00000168619	0.00	0.00
ENSG00000168621	105.25	364.75
ENSG00000168630	0.00	0.00
ENSG00000168631	0.00	0.00
ENSG00000168634	1.75	0.25
ENSG00000168646	304.50	635.50
ENSG00000168653	1337.50	1268.75
ENSG00000168658	3.75	5.00
ENSG00000168661	61.25	40.25
ENSG00000168671	0.00	0.25
ENSG00000168672	25.25	8.00
ENSG00000168675	5.00	3.25
ENSG00000168676	19.75	9.25
ENSG00000168679	494.75	239.50

ENSG00000168685	75.75	85.75
ENSG00000168701	269.00	314.50
ENSG00000168702	1.25	6.50
ENSG00000168703	2.00	0.75
ENSG00000168710	2923.50	2905.00
ENSG00000168724	1329.50	1581.00
ENSG00000168734	1931.75	1678.50
ENSG00000168743	42.00	27.50
ENSG00000168746	0.00	0.00
ENSG00000168748	0.75	0.25
ENSG00000168754	2.50	3.75
ENSG00000168757	0.00	0.00
ENSG00000168758	719.75	867.00
ENSG00000168763	435.00	420.75
ENSG00000168765	346.75	296.00
ENSG00000168769	462.50	316.00
ENSG00000168772	0.00	0.00
ENSG00000168778	336.50	309.50
ENSG00000168779	234.00	206.75
ENSG00000168781	486.25	194.50
ENSG00000168785	3464.25	3195.75
ENSG00000168787	0.00	0.00
ENSG00000168792	361.75	510.75
ENSG00000168795	249.50	211.00
ENSG00000168802	1888.00	1705.00
ENSG00000168803	241.25	170.25
ENSG00000168806	170.00	146.00
ENSG00000168807	2392.50	2391.25
ENSG00000168811	70.00	17.25
ENSG00000168813	561.75	436.25
ENSG00000168818	496.25	481.50
ENSG00000168824	22.25	22.75
ENSG00000168826	90.75	56.25
ENSG00000168827	781.50	705.50
ENSG00000168828	0.00	0.75
ENSG00000168830	0.00	0.00
ENSG00000168843	141.75	31.75
ENSG00000168852	5.00	4.25
ENSG00000168872	1015.75	942.25
ENSG00000168874	440.50	667.25
ENSG00000168875	0.00	0.00
ENSG00000168876	216.00	225.75
ENSG00000168878	16.00	10.50

ENSG00000168883	945.75	1077.00
ENSG00000168884	573.50	787.50
ENSG00000168887	429.75	327.00
ENSG00000168890	372.25	630.00
ENSG00000168894	831.25	710.25
ENSG00000168899	979.00	1037.25
ENSG00000168903	0.00	0.00
ENSG00000168904	293.25	248.00
ENSG00000168906	4367.75	4678.50
ENSG00000168907	2.50	2.25
ENSG00000168913	2.25	2.50
ENSG00000168916	579.25	524.75
ENSG00000168917	195.50	311.00
ENSG00000168918	14.00	8.75
ENSG00000168924	610.50	713.25
ENSG00000168925	0.50	0.00
ENSG00000168928	1.25	3.25
ENSG00000168930	0.00	1.75
ENSG00000168936	1400.00	1433.75
ENSG00000168938	1335.75	953.25
ENSG00000168939	54.75	62.00
ENSG00000168944	552.50	468.50
ENSG00000168952	111.00	166.25
ENSG00000168955	38.75	86.50
ENSG00000168958	1967.00	1999.25
ENSG00000168959	2.50	1.50
ENSG00000168961	33.00	8.75
ENSG00000168967	2.00	1.25
ENSG00000168970	200.50	139.00
ENSG00000168992	5.50	3.25
ENSG00000168993	2.75	3.25
ENSG00000168994	931.00	2158.00
ENSG00000168995	0.00	0.00
ENSG00000169006	0.00	0.00
ENSG00000169016	240.00	247.50
ENSG00000169018	1473.75	1381.75
ENSG00000169019	340.00	370.00
ENSG00000169020	726.25	730.00
ENSG00000169021	778.75	790.25
ENSG00000169026	66.50	78.75
ENSG00000169031	26.75	65.50
ENSG00000169032	1216.75	1550.50
ENSG00000169035	1.25	1.00

ENSG00000169040	0.25	0.00
ENSG00000169045	3834.50	4126.25
ENSG00000169047	2969.25	4681.75
ENSG00000169057	1760.25	1839.50
ENSG00000169059	0.00	0.00
ENSG00000169062	1212.00	1051.00
ENSG00000169064	0.00	0.00
ENSG00000169067	0.00	0.25
ENSG00000169071	1550.25	1440.00
ENSG00000169075	1.75	0.50
ENSG00000169083	1411.75	1473.25
ENSG00000169084	496.75	473.00
ENSG00000169085	28.50	69.50
ENSG00000169087	134.25	127.75
ENSG00000169093	681.00	877.00
ENSG00000169100	7969.50	6820.50
ENSG00000169105	868.50	920.50
ENSG00000169116	18.00	18.00
ENSG00000169118	588.25	576.75
ENSG00000169122	500.50	398.75
ENSG00000169126	4.50	4.50
ENSG00000169129	16.25	5.25
ENSG00000169131	232.25	187.00
ENSG00000169136	1863.50	744.00
ENSG00000169139	789.75	783.25
ENSG00000169154	0.00	0.00
ENSG00000169155	371.75	327.00
ENSG00000169164	0.00	0.00
ENSG00000169169	664.75	583.25
ENSG00000169174	5.25	2.25
ENSG00000169180	2494.75	2614.25
ENSG00000169181	5.25	2.00
ENSG00000169184	2100.25	1990.75
ENSG00000169188	275.75	240.25
ENSG00000169189	642.75	624.75
ENSG00000169193	112.50	131.75
ENSG00000169194	0.75	0.50
ENSG00000169203	277.25	242.25
ENSG00000169208	0.00	0.00
ENSG00000169213	2807.00	4374.25
ENSG00000169214	0.00	0.00
ENSG00000169217	1177.75	1022.75
ENSG00000169218	356.75	825.25

ENSG00000169220	91.25	64.00
ENSG00000169221	1035.75	935.00
ENSG00000169223	2308.25	2211.50
ENSG00000169224	5.75	7.00
ENSG00000169228	543.00	438.00
ENSG00000169230	891.50	979.75
ENSG00000169231	1557.50	1166.50
ENSG00000169239	386.00	390.25
ENSG00000169241	335.50	273.00
ENSG00000169242	12.50	12.00
ENSG00000169245	2.75	0.25
ENSG00000169246	411.50	399.25
ENSG00000169247	21.50	38.75
ENSG00000169248	0.50	0.00
ENSG00000169249	238.25	163.50
ENSG00000169251	1006.00	795.75
ENSG00000169252	16.25	9.75
ENSG00000169253	0.00	0.25
ENSG00000169255	244.00	189.00
ENSG00000169258	101.50	67.00
ENSG00000169260	7.25	10.75
ENSG00000169271	29.25	156.75
ENSG00000169282	44.75	38.75
ENSG00000169288	225.50	181.50
ENSG00000169291	11.25	7.00
ENSG00000169297	15.75	2.50
ENSG00000169299	286.75	329.25
ENSG00000169302	50.75	19.25
ENSG00000169306	2.50	1.25
ENSG00000169313	5.25	2.00
ENSG00000169314	20.25	12.75
ENSG00000169325	0.00	0.00
ENSG00000169327	0.00	0.00
ENSG00000169330	50.75	39.75
ENSG00000169340	0.50	1.25
ENSG00000169344	0.00	0.00
ENSG00000169347	2.50	1.25
ENSG00000169359	821.75	989.75
ENSG00000169371	530.00	490.00
ENSG00000169372	170.00	147.50
ENSG00000169375	1383.00	1152.25
ENSG00000169379	187.00	232.75
ENSG00000169385	0.00	0.00

ENSG00000169393	0.00	0.00
ENSG00000169397	0.00	0.00
ENSG00000169398	1969.25	2016.25
ENSG00000169402	5.75	4.25
ENSG00000169403	5.75	6.50
ENSG00000169410	1055.75	1225.25
ENSG00000169413	0.00	0.00
ENSG00000169418	70.75	95.00
ENSG00000169427	0.00	0.50
ENSG00000169429	15.75	12.25
ENSG00000169432	2854.25	2455.75
ENSG00000169435	7.50	5.25
ENSG00000169436	1.00	1.50
ENSG00000169439	1436.75	1689.50
ENSG00000169442	0.50	0.25
ENSG00000169446	674.00	830.50
ENSG00000169469	0.00	0.00
ENSG00000169474	0.00	0.00
ENSG00000169484	0.00	0.00
ENSG00000169488	0.00	0.00
ENSG00000169490	1119.25	1017.75
ENSG00000169495	20.50	22.50
ENSG00000169499	1060.50	1157.00
ENSG00000169504	13682.75	21248.25
ENSG00000169507	50.25	44.25
ENSG00000169508	0.00	0.25
ENSG00000169509	0.00	0.00
ENSG00000169515	402.25	247.50
ENSG00000169519	375.75	276.25
ENSG00000169548	0.00	0.00
ENSG00000169550	0.75	0.25
ENSG00000169551	1.00	0.75
ENSG00000169554	4384.00	2995.50
ENSG00000169562	0.00	0.00
ENSG00000169564	3482.00	3288.25
ENSG00000169567	1562.75	1628.25
ENSG00000169570	110.25	110.00
ENSG00000169575	0.00	0.00
ENSG00000169583	37.25	43.50
ENSG00000169592	709.50	676.00
ENSG00000169594	216.75	212.75
ENSG00000169598	99.50	80.25
ENSG00000169599	432.25	373.50

ENSG00000169604	15647.75	15331.50
ENSG00000169605	0.00	0.00
ENSG00000169607	22.50	16.25
ENSG00000169609	571.50	463.50
ENSG00000169612	274.25	317.25
ENSG00000169618	0.50	0.00
ENSG00000169621	143.25	126.25
ENSG00000169627	127.25	143.00
ENSG00000169629	197.50	137.00
ENSG00000169635	99.25	109.00
ENSG00000169641	1661.75	1518.50
ENSG00000169660	227.25	189.50
ENSG00000169662	0.25	0.00
ENSG00000169668	13.00	25.25
ENSG00000169676	0.25	0.00
ENSG00000169679	50.25	43.75
ENSG00000169682	1065.50	868.50
ENSG00000169683	183.25	193.75
ENSG00000169684	9.50	8.75
ENSG00000169688	0.00	0.25
ENSG00000169689	175.25	228.00
ENSG00000169692	507.00	739.75
ENSG00000169696	303.50	279.50
ENSG00000169704	0.00	0.00
ENSG00000169710	1498.00	1739.25
ENSG00000169714	3536.00	3769.75
ENSG00000169715	219.75	866.50
ENSG00000169717	0.00	0.00
ENSG00000169718	583.75	599.50
ENSG00000169727	1496.00	1504.75
ENSG00000169733	816.00	823.00
ENSG00000169738	263.50	901.50
ENSG00000169740	443.25	363.50
ENSG00000169744	1100.75	409.25
ENSG00000169750	43.50	102.25
ENSG00000169752	17.50	3.25
ENSG00000169756	1974.00	1552.25
ENSG00000169758	28.50	34.50
ENSG00000169760	59.25	68.00
ENSG00000169762	332.25	278.25
ENSG00000169763	0.00	0.00
ENSG00000169764	2400.25	4052.50
ENSG00000169777	1.25	1.00

ENSG00000169783	1.50	0.25
ENSG00000169789	0.00	0.00
ENSG00000169800	0.00	0.00
ENSG00000169807	0.00	0.00
ENSG00000169811	0.00	0.25
ENSG00000169813	2777.25	3048.25
ENSG00000169814	364.50	300.75
ENSG00000169826	1344.25	1492.50
ENSG00000169836	1.50	1.00
ENSG00000169840	0.00	0.00
ENSG00000169849	0.00	0.00
ENSG00000169851	247.00	320.25
ENSG00000169855	2827.75	1057.25
ENSG00000169856	0.50	0.75
ENSG00000169857	231.25	326.50
ENSG00000169860	261.25	186.50
ENSG00000169862	0.50	0.00
ENSG00000169871	2745.25	2972.00
ENSG00000169876	0.75	0.25
ENSG00000169877	0.00	0.00
ENSG00000169884	3.00	0.25
ENSG00000169885	16.75	17.00
ENSG00000169891	154.75	159.50
ENSG00000169894	0.25	0.00
ENSG00000169895	1213.75	1233.75
ENSG00000169896	0.00	0.00
ENSG00000169900	0.00	0.00
ENSG00000169902	2474.50	1540.00
ENSG00000169903	1.00	0.00
ENSG00000169905	1585.25	1712.25
ENSG00000169906	0.00	0.25
ENSG00000169908	639.00	1241.25
ENSG00000169914	205.75	158.75
ENSG00000169918	21.00	17.00
ENSG00000169919	807.00	809.00
ENSG00000169925	983.00	926.00
ENSG00000169926	406.50	654.75
ENSG00000169933	42.75	62.25
ENSG00000169946	654.25	405.25
ENSG00000169951	105.75	89.75
ENSG00000169953	4.00	2.25
ENSG00000169955	204.00	177.00
ENSG00000169957	493.50	425.25

ENSG00000169962	9.75	8.00
ENSG00000169964	197.75	197.00
ENSG00000169967	1300.50	1221.00
ENSG00000169972	214.50	187.75
ENSG00000169976	1011.00	885.00
ENSG00000169981	55.25	60.75
ENSG00000169989	3.25	2.00
ENSG00000169991	222.75	154.50
ENSG00000169992	2273.50	1848.75
ENSG00000169994	18.25	19.75
ENSG00000170004	9879.75	8046.00
ENSG00000170006	72.75	75.00
ENSG00000170011	5.00	9.75
ENSG00000170017	4779.75	8269.00
ENSG00000170027	3089.75	3236.00
ENSG00000170035	1886.00	1251.25
ENSG00000170037	620.00	469.25
ENSG00000170043	1403.00	1473.00
ENSG00000170044	1.25	0.75
ENSG00000170049	32.75	26.50
ENSG00000170054	0.00	0.00
ENSG00000170074	1.75	3.00
ENSG00000170075	4.50	2.75
ENSG00000170085	219.50	288.25
ENSG00000170088	561.00	592.75
ENSG00000170089	48.25	36.25
ENSG00000170091	0.25	0.25
ENSG00000170092	14.50	8.25
ENSG00000170099	0.00	0.00
ENSG00000170100	173.25	157.25
ENSG00000170113	341.75	362.50
ENSG00000170122	5.50	3.25
ENSG00000170128	0.00	0.00
ENSG00000170142	1775.25	1387.00
ENSG00000170144	4029.25	4206.25
ENSG00000170145	3250.50	3577.00
ENSG00000170152	0.00	0.00
ENSG00000170153	340.50	296.75
ENSG00000170160	475.25	471.75
ENSG00000170162	0.25	0.00
ENSG00000170165	0.50	0.25
ENSG00000170166	1.00	0.50
ENSG00000170175	107.00	110.50

ENSG00000170178	0.00	0.00
ENSG00000170180	1.50	1.75
ENSG00000170185	547.50	542.00
ENSG00000170190	202.75	208.50
ENSG00000170191	223.50	170.25
ENSG00000170209	1.75	1.50
ENSG00000170214	32.25	354.75
ENSG00000170222	154.50	160.75
ENSG00000170231	0.00	0.75
ENSG00000170234	330.00	272.00
ENSG00000170236	2.50	3.25
ENSG00000170242	2556.50	3443.00
ENSG00000170248	5076.75	4933.00
ENSG00000170255	0.00	0.00
ENSG00000170260	192.75	183.25
ENSG00000170262	6.00	6.50
ENSG00000170264	93.25	90.25
ENSG00000170265	545.25	560.75
ENSG00000170266	2321.00	2046.00
ENSG00000170270	38.75	37.25
ENSG00000170271	2066.50	2088.50
ENSG00000170275	8950.00	7853.25
ENSG00000170276	123.50	159.50
ENSG00000170279	0.00	0.00
ENSG00000170289	0.25	0.75
ENSG00000170290	0.00	0.50
ENSG00000170291	399.75	398.25
ENSG00000170293	13.25	13.00
ENSG00000170296	5564.00	4374.50
ENSG00000170298	0.00	0.00
ENSG00000170310	512.25	493.75
ENSG00000170312	69.00	46.50
ENSG00000170315	10854.50	7404.00
ENSG00000170322	591.25	542.00
ENSG00000170323	2.25	19.25
ENSG00000170324	4.25	6.75
ENSG00000170325	267.50	199.00
ENSG00000170340	229.00	243.50
ENSG00000170345	55.25	66.50
ENSG00000170348	6300.00	5875.25
ENSG00000170356	99.00	88.50
ENSG00000170364	462.75	556.25
ENSG00000170365	630.75	284.50

ENSG00000170367	0.00	0.00
ENSG00000170369	0.00	0.00
ENSG00000170370	3.25	3.50
ENSG00000170373	1.00	1.50
ENSG00000170374	0.00	0.25
ENSG00000170379	179.00	259.00
ENSG00000170381	168.00	185.75
ENSG00000170382	4.75	3.75
ENSG00000170385	1390.00	1470.00
ENSG00000170390	175.50	245.00
ENSG00000170396	130.50	121.50
ENSG00000170409	0.50	0.00
ENSG00000170412	34.50	18.25
ENSG00000170417	202.25	154.75
ENSG00000170419	0.50	0.50
ENSG00000170421	63.00	68.25
ENSG00000170423	0.00	0.00
ENSG00000170425	115.50	84.75
ENSG00000170426	1.00	0.25
ENSG00000170430	318.75	290.00
ENSG00000170439	26.00	9.50
ENSG00000170442	2.00	4.00
ENSG00000170445	1071.25	1021.75
ENSG00000170448	221.25	213.00
ENSG00000170454	0.00	0.00
ENSG00000170456	561.00	391.25
ENSG00000170458	17.75	29.00
ENSG00000170464	540.25	446.50
ENSG00000170465	0.00	0.00
ENSG00000170468	193.00	188.75
ENSG00000170469	27.75	23.75
ENSG00000170471	2128.00	1918.00
ENSG00000170473	253.75	233.75
ENSG00000170476	3.00	3.00
ENSG00000170477	1.50	3.50
ENSG00000170482	9.75	8.75
ENSG00000170484	0.00	0.00
ENSG00000170485	268.00	523.00
ENSG00000170486	0.25	0.00
ENSG00000170498	2.25	2.25
ENSG00000170500	4.25	3.25
ENSG00000170502	579.75	601.00
ENSG00000170509	13.75	11.50

ENSG00000170515	1549.75	1564.00
ENSG00000170516	0.00	0.00
ENSG00000170522	187.00	265.50
ENSG00000170523	0.00	0.00
ENSG00000170525	2515.50	3049.25
ENSG00000170537	33.50	20.50
ENSG00000170540	1470.25	1579.00
ENSG00000170542	158.50	237.00
ENSG00000170545	217.50	189.50
ENSG00000170549	0.00	0.00
ENSG00000170558	380.00	285.50
ENSG00000170561	52.25	51.75
ENSG00000170571	250.50	302.50
ENSG00000170577	4.50	3.25
ENSG00000170579	18.00	14.50
ENSG00000170581	7494.50	7757.75
ENSG00000170584	355.00	664.50
ENSG00000170604	362.75	269.00
ENSG00000170605	0.00	0.00
ENSG00000170606	3380.00	3282.75
ENSG00000170608	0.50	0.50
ENSG00000170613	0.00	0.00
ENSG00000170615	2.25	1.75
ENSG00000170619	264.75	282.25
ENSG00000170624	3181.50	1234.75
ENSG00000170627	0.75	1.00
ENSG00000170629	118.00	80.00
ENSG00000170631	169.00	129.75
ENSG00000170632	481.50	384.25
ENSG00000170633	436.50	456.25
ENSG00000170634	155.50	155.75
ENSG00000170638	399.00	443.00
ENSG00000170647	42.75	18.00
ENSG00000170653	1425.50	1201.00
ENSG00000170667	218.25	145.75
ENSG00000170677	548.75	553.25
ENSG00000170681	47.25	51.25
ENSG00000170683	0.00	0.00
ENSG00000170684	4.00	7.25
ENSG00000170688	0.00	0.00
ENSG00000170689	0.50	0.25
ENSG00000170703	8.00	12.00
ENSG00000170734	954.75	668.75

ENSG00000170743	1.75	1.75
ENSG00000170745	58.75	110.75
ENSG00000170748	0.50	0.00
ENSG00000170759	3916.75	5294.25
ENSG00000170775	115.00	288.75
ENSG00000170776	2513.50	3378.75
ENSG00000170777	0.00	0.00
ENSG00000170779	104.50	87.00
ENSG00000170782	0.00	0.00
ENSG00000170786	0.00	0.00
ENSG00000170788	1.25	0.75
ENSG00000170790	0.00	0.00
ENSG00000170791	322.00	473.00
ENSG00000170801	1226.75	937.25
ENSG00000170802	212.75	396.25
ENSG00000170803	0.00	0.25
ENSG00000170807	0.00	0.50
ENSG00000170819	0.00	0.00
ENSG00000170820	0.00	0.25
ENSG00000170827	5.25	6.00
ENSG00000170832	1504.75	1550.25
ENSG00000170835	25.00	20.00
ENSG00000170836	545.75	318.75
ENSG00000170837	0.50	0.50
ENSG00000170848	16.00	4.25
ENSG00000170852	619.25	623.50
ENSG00000170854	617.00	403.25
ENSG00000170855	383.00	297.25
ENSG00000170858	0.00	0.00
ENSG00000170860	475.00	373.25
ENSG00000170871	1418.25	1271.50
ENSG00000170873	736.00	2438.25
ENSG00000170876	3546.75	4121.75
ENSG00000170881	822.25	746.50
ENSG00000170889	564.50	518.50
ENSG00000170890	1.50	1.25
ENSG00000170891	39.00	61.25
ENSG00000170892	116.50	113.75
ENSG00000170893	0.50	0.00
ENSG00000170899	569.75	310.50
ENSG00000170903	510.25	500.00
ENSG00000170906	56.50	42.00
ENSG00000170909	15.25	28.75

ENSG00000170915	215.25	176.50
ENSG00000170917	147.00	94.50
ENSG00000170920	0.00	0.00
ENSG00000170921	1656.00	2967.50
ENSG00000170923	0.00	0.00
ENSG00000170925	0.00	0.00
ENSG00000170927	1.25	1.75
ENSG00000170929	0.00	0.00
ENSG00000170935	0.00	0.00
ENSG00000170946	220.25	221.00
ENSG00000170948	0.00	0.00
ENSG00000170949	810.25	791.25
ENSG00000170950	0.00	0.00
ENSG00000170953	0.00	0.00
ENSG00000170954	190.00	147.00
ENSG00000170955	969.00	981.25
ENSG00000170956	0.00	0.00
ENSG00000170959	9.00	7.75
ENSG00000170961	450.50	423.75
ENSG00000170962	2222.25	2784.00
ENSG00000170965	10.50	1.00
ENSG00000170967	0.25	0.00
ENSG00000170989	394.50	139.00
ENSG00000171004	0.00	0.25
ENSG00000171014	0.00	0.00
ENSG00000171016	526.25	397.50
ENSG00000171017	81.50	86.75
ENSG00000171033	398.00	144.00
ENSG00000171044	15.25	14.50
ENSG00000171045	186.75	174.50
ENSG00000171049	1.75	3.00
ENSG00000171051	0.75	6.00
ENSG00000171053	0.00	0.00
ENSG00000171054	0.00	0.00
ENSG00000171055	1360.25	1289.50
ENSG00000171056	7.00	5.00
ENSG00000171060	0.25	0.50
ENSG00000171067	987.50	988.50
ENSG00000171084	37.75	21.50
ENSG00000171094	3.50	1.75
ENSG00000171097	87.00	54.00
ENSG00000171100	232.00	210.75
ENSG00000171101	0.25	0.75

ENSG00000171102	0.00	0.00
ENSG00000171103	159.75	161.25
ENSG00000171105	596.25	748.75
ENSG00000171109	937.00	973.25
ENSG00000171115	0.25	0.25
ENSG00000171116	19.00	16.25
ENSG00000171119	6.75	9.50
ENSG00000171121	51.00	44.75
ENSG00000171124	1.75	2.25
ENSG00000171126	0.25	0.25
ENSG00000171130	352.00	274.00
ENSG00000171132	596.00	250.25
ENSG00000171133	0.00	0.25
ENSG00000171135	437.75	511.00
ENSG00000171136	0.00	0.00
ENSG00000171148	1793.00	1931.75
ENSG00000171150	1648.00	1087.00
ENSG00000171155	480.25	623.00
ENSG00000171159	518.75	484.50
ENSG00000171160	188.50	132.75
ENSG00000171161	306.25	244.50
ENSG00000171163	323.75	220.00
ENSG00000171169	181.00	160.25
ENSG00000171174	44.00	27.25
ENSG00000171180	0.25	0.00
ENSG00000171189	30.25	109.75
ENSG00000171195	0.00	0.00
ENSG00000171199	0.00	0.00
ENSG00000171201	0.00	0.00
ENSG00000171202	193.50	202.00
ENSG00000171204	575.75	424.00
ENSG00000171206	2832.50	2563.00
ENSG00000171208	77.50	58.75
ENSG00000171209	0.00	0.00
ENSG00000171217	5.50	4.00
ENSG00000171219	9.50	21.50
ENSG00000171222	419.75	416.75
ENSG00000171223	925.25	857.75
ENSG00000171224	13.75	9.25
ENSG00000171227	21.50	6.75
ENSG00000171234	1.75	1.00
ENSG00000171236	5.25	4.00
ENSG00000171241	69.00	46.50

ENSG00000171243	4.00	1.50
ENSG00000171246	25.75	14.25
ENSG00000171262	547.50	592.75
ENSG00000171291	97.25	109.25
ENSG00000171295	187.50	154.00
ENSG00000171298	3254.75	2938.00
ENSG00000171302	1527.00	1390.50
ENSG00000171303	5.50	12.50
ENSG00000171307	808.25	856.00
ENSG00000171310	116.75	115.50
ENSG00000171311	356.00	271.25
ENSG00000171314	6687.50	6633.25
ENSG00000171316	8.75	29.00
ENSG00000171320	14.75	12.50
ENSG00000171345	21.75	22.50
ENSG00000171346	5.25	1.25
ENSG00000171357	61.50	42.00
ENSG00000171360	0.00	0.00
ENSG00000171365	315.25	368.00
ENSG00000171368	2.50	7.25
ENSG00000171385	72.50	192.75
ENSG00000171388	220.25	126.00
ENSG00000171396	0.00	0.00
ENSG00000171401	0.00	0.00
ENSG00000171402	0.00	0.00
ENSG00000171403	0.00	0.00
ENSG00000171405	1.00	1.75
ENSG00000171408	1140.75	899.00
ENSG00000171421	260.00	274.75
ENSG00000171425	364.50	286.25
ENSG00000171428	87.25	83.00
ENSG00000171431	0.00	0.00
ENSG00000171433	0.00	0.00
ENSG00000171435	1.50	2.75
ENSG00000171443	140.75	104.25
ENSG00000171444	1264.25	1178.75
ENSG00000171446	0.00	0.00
ENSG00000171448	237.50	191.50
ENSG00000171450	1.00	0.50
ENSG00000171451	2563.00	2151.50
ENSG00000171453	229.00	239.75
ENSG00000171456	2088.25	2201.75
ENSG00000171459	0.00	0.00

ENSG00000171462	16.75	20.50
ENSG00000171466	497.25	419.25
ENSG00000171467	927.25	635.75
ENSG00000171469	813.50	498.25
ENSG00000171475	1087.00	1044.75
ENSG00000171476	17.00	11.75
ENSG00000171478	0.00	0.00
ENSG00000171481	0.00	0.25
ENSG00000171483	0.25	0.00
ENSG00000171484	0.00	0.00
ENSG00000171487	0.00	0.75
ENSG00000171488	304.75	264.50
ENSG00000171489	0.50	0.25
ENSG00000171490	2359.25	2150.00
ENSG00000171492	704.75	401.00
ENSG00000171495	0.00	0.25
ENSG00000171496	3.25	2.75
ENSG00000171497	726.75	532.50
ENSG00000171501	0.00	0.25
ENSG00000171502	115.25	52.50
ENSG00000171503	1153.50	810.50
ENSG00000171505	0.25	0.00
ENSG00000171509	59.75	15.75
ENSG00000171517	12.75	10.00
ENSG00000171522	385.25	389.75
ENSG00000171530	1007.00	961.25
ENSG00000171532	0.75	1.50
ENSG00000171533	43.75	47.50
ENSG00000171540	0.00	0.00
ENSG00000171551	0.00	0.00
ENSG00000171552	1974.25	2037.50
ENSG00000171557	0.00	0.00
ENSG00000171560	0.00	0.00
ENSG00000171561	0.00	0.00
ENSG00000171564	0.00	0.00
ENSG00000171566	1258.00	1184.75
ENSG00000171570	52.25	38.00
ENSG00000171574	197.75	245.00
ENSG00000171587	0.00	0.00
ENSG00000171595	0.00	0.00
ENSG00000171596	7.75	13.75
ENSG00000171603	6522.00	7562.25
ENSG00000171604	885.75	557.25

ENSG00000171606	385.00	279.75
ENSG00000171608	331.50	495.75
ENSG00000171611	0.00	0.00
ENSG00000171612	64.25	76.00
ENSG00000171617	1128.75	518.75
ENSG00000171621	831.25	706.00
ENSG00000171631	5.25	8.25
ENSG00000171634	2134.25	1978.75
ENSG00000171643	0.00	0.00
ENSG00000171649	151.00	116.00
ENSG00000171657	7.50	5.25
ENSG00000171658	83.00	57.25
ENSG00000171659	0.25	0.50
ENSG00000171680	196.75	117.25
ENSG00000171681	1306.50	920.25
ENSG00000171695	1.25	0.25
ENSG00000171700	117.00	123.75
ENSG00000171703	625.50	547.50
ENSG00000171711	0.00	0.00
ENSG00000171714	1.75	3.50
ENSG00000171720	995.25	882.75
ENSG00000171722	0.00	0.50
ENSG00000171723	236.25	179.50
ENSG00000171724	23.00	9.25
ENSG00000171729	208.50	171.00
ENSG00000171735	299.00	283.00
ENSG00000171747	2.75	3.00
ENSG00000171757	57.75	59.75
ENSG00000171759	0.00	0.00
ENSG00000171763	116.25	127.50
ENSG00000171766	1.25	1.50
ENSG00000171772	2.00	2.50
ENSG00000171773	2.50	1.25
ENSG00000171777	3.25	3.75
ENSG00000171786	1.25	1.25
ENSG00000171790	11.50	23.00
ENSG00000171791	215.25	166.50
ENSG00000171792	473.00	263.00
ENSG00000171793	364.75	994.25
ENSG00000171794	0.00	0.25
ENSG00000171798	68.75	30.00
ENSG00000171804	1.50	1.50
ENSG00000171806	87.50	62.25

ENSG00000171811	15.00	10.25
ENSG00000171812	580.00	530.00
ENSG00000171813	139.75	108.25
ENSG00000171815	16.25	18.75
ENSG00000171817	66.75	26.50
ENSG00000171819	9.00	427.25
ENSG00000171823	129.50	124.75
ENSG00000171824	1309.75	1769.00
ENSG00000171827	228.25	186.00
ENSG00000171840	36.00	33.25
ENSG00000171843	529.50	502.75
ENSG00000171847	18.25	10.75
ENSG00000171848	72.50	61.25
ENSG00000171853	705.25	615.25
ENSG00000171855	0.00	0.00
ENSG00000171858	2562.25	2492.25
ENSG00000171860	1.00	0.50
ENSG00000171861	146.75	156.50
ENSG00000171862	475.00	274.00
ENSG00000171863	8019.25	7731.25
ENSG00000171864	5.75	2.75
ENSG00000171865	465.25	505.50
ENSG00000171867	10198.25	8085.25
ENSG00000171872	3.00	5.50
ENSG00000171873	23.25	24.00
ENSG00000171877	126.00	59.25
ENSG00000171885	0.00	0.00
ENSG00000171903	3.00	5.00
ENSG00000171914	1515.75	1125.25
ENSG00000171916	0.25	0.50
ENSG00000171928	591.75	650.75
ENSG00000171931	4.00	5.00
ENSG00000171936	0.00	0.00
ENSG00000171940	697.25	768.50
ENSG00000171942	0.00	0.00
ENSG00000171943	1104.50	704.50
ENSG00000171944	0.00	0.00
ENSG00000171951	63.00	90.00
ENSG00000171953	180.75	154.25
ENSG00000171954	0.50	0.00
ENSG00000171956	0.00	0.25
ENSG00000171960	201.25	178.75
ENSG00000171962	89.25	72.00

ENSG00000171970	61.00	41.75
ENSG00000171984	23.00	18.75
ENSG00000171987	0.00	0.00
ENSG00000171988	1707.50	1457.50
ENSG00000171989	1.25	1.75
ENSG00000171992	5625.00	4274.75
ENSG00000171999	0.00	0.00
ENSG00000172000	17.00	17.25
ENSG00000172005	1.50	0.50
ENSG00000172006	112.25	103.75
ENSG00000172007	244.75	195.00
ENSG00000172009	439.50	433.75
ENSG00000172014	3.50	1.25
ENSG00000172016	0.00	0.00
ENSG00000172020	9.75	5.75
ENSG00000172023	0.00	0.00
ENSG00000172031	13.50	9.00
ENSG00000172037	13899.00	11558.50
ENSG00000172046	1454.25	1281.00
ENSG00000172053	3736.75	3350.00
ENSG00000172057	1704.25	1550.50
ENSG00000172058	13.50	15.75
ENSG00000172059	478.00	346.50
ENSG00000172061	381.50	71.75
ENSG00000172062	49.25	53.50
ENSG00000172071	557.00	531.75
ENSG00000172073	0.25	0.00
ENSG00000172081	836.25	1080.50
ENSG00000172086	891.75	936.50
ENSG00000172113	283.50	227.00
ENSG00000172115	686.50	802.50
ENSG00000172116	0.00	0.00
ENSG00000172123	330.75	494.25
ENSG00000172137	19.00	9.75
ENSG00000172139	2.50	0.75
ENSG00000172146	0.00	0.00
ENSG00000172148	0.00	0.00
ENSG00000172150	0.00	0.00
ENSG00000172154	0.00	0.00
ENSG00000172155	0.00	0.00
ENSG00000172156	668.00	601.50
ENSG00000172159	47.00	39.00
ENSG00000172164	624.00	830.25

ENSG00000172167	58.00	40.50
ENSG00000172171	131.75	134.25
ENSG00000172172	323.50	327.75
ENSG00000172175	910.50	1206.25
ENSG00000172179	0.50	0.50
ENSG00000172183	52.25	57.00
ENSG00000172186	0.00	0.00
ENSG00000172188	0.00	0.00
ENSG00000172197	45.75	34.00
ENSG00000172199	0.00	0.00
ENSG00000172201	59.00	57.50
ENSG00000172208	0.00	0.00
ENSG00000172209	0.25	0.00
ENSG00000172215	6.75	4.75
ENSG00000172216	955.50	1186.50
ENSG00000172232	2.00	1.50
ENSG00000172236	0.00	0.00
ENSG00000172238	0.00	0.00
ENSG00000172239	1633.25	1430.75
ENSG00000172243	14.00	10.25
ENSG00000172244	43.25	31.25
ENSG00000172247	2.75	3.25
ENSG00000172260	863.75	2048.75
ENSG00000172262	500.50	491.25
ENSG00000172264	65.00	53.25
ENSG00000172269	534.25	600.00
ENSG00000172270	7799.00	7453.75
ENSG00000172273	322.25	255.00
ENSG00000172283	0.00	0.00
ENSG00000172288	0.00	0.00
ENSG00000172289	0.00	0.00
ENSG00000172292	632.25	821.75
ENSG00000172294	0.00	0.00
ENSG00000172296	267.50	146.75
ENSG00000172297	4.50	5.00
ENSG00000172301	1037.00	637.75
ENSG00000172315	413.00	427.50
ENSG00000172318	31.50	66.00
ENSG00000172320	0.00	0.00
ENSG00000172322	0.25	0.00
ENSG00000172324	0.00	0.00
ENSG00000172331	778.25	520.75
ENSG00000172336	213.25	202.75

ENSG00000172339	169.00	155.75
ENSG00000172340	1473.25	1310.75
ENSG00000172342	0.00	0.00
ENSG00000172345	788.25	437.50
ENSG00000172346	880.25	606.75
ENSG00000172348	860.75	220.00
ENSG00000172349	632.00	1167.75
ENSG00000172350	13.75	6.75
ENSG00000172352	0.00	0.00
ENSG00000172354	2366.25	2943.75
ENSG00000172361	21.50	14.50
ENSG00000172362	0.25	1.25
ENSG00000172365	1.00	0.75
ENSG00000172366	120.00	117.50
ENSG00000172367	0.00	0.75
ENSG00000172375	168.50	177.75
ENSG00000172377	0.00	0.00
ENSG00000172379	1441.75	1958.00
ENSG00000172380	8950.25	8551.50
ENSG00000172381	0.00	0.00
ENSG00000172382	39.25	47.25
ENSG00000172399	6.75	26.75
ENSG00000172403	4747.50	14443.75
ENSG00000172404	3.00	2.50
ENSG00000172409	206.75	215.00
ENSG00000172410	0.50	0.25
ENSG00000172421	1.25	1.00
ENSG00000172425	3.50	3.50
ENSG00000172426	23.75	18.50
ENSG00000172428	361.00	387.75
ENSG00000172432	981.00	790.50
ENSG00000172456	260.50	170.00
ENSG00000172457	0.00	0.00
ENSG00000172458	159.75	128.75
ENSG00000172459	0.00	0.00
ENSG00000172460	4.00	6.75
ENSG00000172461	1.75	2.00
ENSG00000172464	0.00	0.00
ENSG00000172465	319.00	574.50
ENSG00000172466	1111.00	1086.00
ENSG00000172468	0.50	1.50
ENSG00000172469	504.50	491.75
ENSG00000172476	46.25	78.00

ENSG00000172478	1.00	0.25
ENSG00000172482	2.00	2.25
ENSG00000172487	0.00	0.00
ENSG00000172489	0.00	0.00
ENSG00000172493	1411.50	1121.75
ENSG00000172497	38.50	10.00
ENSG00000172500	933.00	915.25
ENSG00000172508	25.25	11.75
ENSG00000172519	0.00	0.00
ENSG00000172524	0.00	0.00
ENSG00000172530	250.00	169.50
ENSG00000172531	1124.00	1342.25
ENSG00000172534	1715.75	1638.75
ENSG00000172538	0.00	0.00
ENSG00000172543	5.75	2.25
ENSG00000172548	3.00	2.75
ENSG00000172551	1.00	0.00
ENSG00000172554	1.00	0.25
ENSG00000172568	0.00	0.00
ENSG00000172572	202.75	159.25
ENSG00000172575	4.50	7.50
ENSG00000172578	21.50	13.50
ENSG00000172586	228.50	252.25
ENSG00000172590	389.50	341.75
ENSG00000172594	2098.50	2350.50
ENSG00000172602	7.25	13.75
ENSG00000172613	149.50	142.00
ENSG00000172638	6531.50	5782.00
ENSG00000172640	0.75	1.00
ENSG00000172650	110.25	79.00
ENSG00000172661	3029.25	2890.25
ENSG00000172663	282.75	254.75
ENSG00000172667	5319.50	3588.25
ENSG00000172671	106.50	94.50
ENSG00000172673	0.50	1.00
ENSG00000172680	0.00	0.00
ENSG00000172687	69.50	71.00
ENSG00000172689	1.25	2.25
ENSG00000172716	1204.00	1053.25
ENSG00000172717	1.25	1.25
ENSG00000172724	0.75	0.00
ENSG00000172725	1901.25	2280.50
ENSG00000172728	299.75	284.25

ENSG00000172731	252.75	186.25
ENSG00000172732	457.25	545.25
ENSG00000172733	44.00	37.75
ENSG00000172738	84.75	25.50
ENSG00000172742	0.00	0.00
ENSG00000172746	0.25	0.25
ENSG00000172748	144.00	106.75
ENSG00000172752	6.50	2.50
ENSG00000172757	9282.25	11145.75
ENSG00000172765	550.50	508.25
ENSG00000172766	309.50	279.00
ENSG00000172769	0.00	0.00
ENSG00000172771	24.00	23.50
ENSG00000172772	0.00	0.00
ENSG00000172774	0.00	0.00
ENSG00000172775	1063.00	965.75
ENSG00000172780	157.25	209.75
ENSG00000172782	8.75	10.25
ENSG00000172785	326.50	338.75
ENSG00000172789	3.50	1.75
ENSG00000172794	8.00	7.50
ENSG00000172795	425.50	501.25
ENSG00000172799	0.75	0.25
ENSG00000172803	64.25	46.75
ENSG00000172809	4115.00	3728.00
ENSG00000172817	13.50	21.25
ENSG00000172818	0.50	0.25
ENSG00000172819	1565.00	1125.75
ENSG00000172824	83.50	94.75
ENSG00000172828	28.00	21.00
ENSG00000172830	849.50	895.50
ENSG00000172831	1694.75	1050.25
ENSG00000172840	343.00	436.50
ENSG00000172845	2062.00	1588.75
ENSG00000172850	39.00	28.25
ENSG00000172867	0.00	0.00
ENSG00000172869	1310.00	1266.75
ENSG00000172878	174.50	138.50
ENSG00000172888	1047.00	915.50
ENSG00000172889	92.50	81.25
ENSG00000172890	1501.00	1516.00
ENSG00000172893	300.00	209.50
ENSG00000172900	6.50	4.75

ENSG00000172901	30.50	14.00
ENSG00000172912	0.00	0.00
ENSG00000172915	355.75	291.25
ENSG00000172922	496.25	455.75
ENSG00000172927	7.00	3.75
ENSG00000172932	356.50	361.25
ENSG00000172935	2729.00	3654.25
ENSG00000172936	880.50	784.75
ENSG00000172938	0.50	1.00
ENSG00000172939	1106.25	1405.00
ENSG00000172940	0.25	0.50
ENSG00000172943	615.25	639.50
ENSG00000172954	705.25	1084.25
ENSG00000172955	33.25	58.75
ENSG00000172967	0.75	0.25
ENSG00000172969	0.75	2.50
ENSG00000172971	2.75	1.50
ENSG00000172974	2.25	3.75
ENSG00000172977	537.00	529.25
ENSG00000172985	611.25	1060.00
ENSG00000172986	1247.50	346.00
ENSG00000172987	1.00	2.50
ENSG00000172992	619.25	481.25
ENSG00000172995	0.00	1.75
ENSG00000173011	511.00	434.50
ENSG00000173013	35.50	30.75
ENSG00000173020	701.50	756.75
ENSG00000173039	1389.25	1490.50
ENSG00000173040	441.00	497.75
ENSG00000173041	89.00	78.00
ENSG00000173064	1552.50	1203.50
ENSG00000173065	327.75	398.00
ENSG00000173068	4002.50	1907.00
ENSG00000173077	13.25	10.25
ENSG00000173080	0.25	0.00
ENSG00000173083	34.75	78.00
ENSG00000173085	130.00	173.75
ENSG00000173088	25.75	13.25
ENSG00000173093	0.00	0.00
ENSG00000173110	24.25	3.75
ENSG00000173113	1051.75	1047.75
ENSG00000173114	93.75	39.50
ENSG00000173120	2759.00	2264.25

ENSG00000173124	1.50	2.25
ENSG00000173137	119.25	110.50
ENSG00000173141	352.50	288.25
ENSG00000173145	368.75	372.00
ENSG00000173153	322.00	325.50
ENSG00000173156	269.50	278.25
ENSG00000173157	0.00	0.00
ENSG00000173163	462.50	370.25
ENSG00000173166	1767.75	1655.75
ENSG00000173171	1339.50	1205.50
ENSG00000173175	47.50	44.00
ENSG00000173193	1661.50	1290.75
ENSG00000173198	79.50	83.50
ENSG00000173200	78.00	60.50
ENSG00000173207	238.25	173.00
ENSG00000173208	1.00	0.50
ENSG00000173209	1669.00	1589.25
ENSG00000173210	2654.25	1948.25
ENSG00000173212	10.75	10.50
ENSG00000173213	0.00	0.25
ENSG00000173214	98.00	100.50
ENSG00000173218	757.75	723.50
ENSG00000173221	1314.75	2435.50
ENSG00000173226	249.25	210.50
ENSG00000173227	14.50	7.50
ENSG00000173230	5240.50	4566.75
ENSG00000173231	0.00	0.00
ENSG00000173237	0.00	0.00
ENSG00000173239	0.00	0.25
ENSG00000173250	0.00	0.00
ENSG00000173253	0.50	0.75
ENSG00000173258	38.00	22.00
ENSG00000173261	2.00	0.50
ENSG00000173262	5.25	7.25
ENSG00000173264	594.50	607.00
ENSG00000173267	22.75	14.75
ENSG00000173269	60.75	32.25
ENSG00000173272	402.50	387.50
ENSG00000173273	2152.50	1806.00
ENSG00000173275	383.25	331.75
ENSG00000173276	271.25	346.75
ENSG00000173281	759.75	921.00
ENSG00000173285	0.00	0.00

ENSG00000173295	86.75	74.25
ENSG00000173302	0.00	0.00
ENSG00000173320	111.50	59.25
ENSG00000173327	539.75	596.75
ENSG00000173334	189.00	154.50
ENSG00000173335	0.00	0.00
ENSG00000173338	3.25	1.75
ENSG00000173349	0.00	0.00
ENSG00000173357	0.00	0.00
ENSG00000173366	2.50	5.25
ENSG00000173369	0.00	0.00
ENSG00000173372	0.00	0.00
ENSG00000173376	102.50	66.75
ENSG00000173389	0.50	0.75
ENSG00000173391	63.00	66.25
ENSG00000173401	8.25	6.75
ENSG00000173402	2737.50	3059.00
ENSG00000173404	0.00	0.00
ENSG00000173406	49.50	20.50
ENSG00000173409	244.50	224.75
ENSG00000173418	562.75	720.50
ENSG00000173421	53.50	36.25
ENSG00000173431	0.00	0.00
ENSG00000173432	0.25	4.25
ENSG00000173436	617.00	722.50
ENSG00000173442	1366.00	1393.50
ENSG00000173451	154.00	130.25
ENSG00000173452	0.75	0.50
ENSG00000173456	969.50	1070.00
ENSG00000173457	701.00	571.25
ENSG00000173464	0.25	0.00
ENSG00000173465	389.00	330.00
ENSG00000173467	0.00	0.00
ENSG00000173473	1753.50	1383.25
ENSG00000173480	223.50	169.50
ENSG00000173482	3031.00	3387.75
ENSG00000173486	587.00	596.75
ENSG00000173503	0.00	0.00
ENSG00000173511	1818.25	1759.00
ENSG00000173517	5773.50	10771.00
ENSG00000173530	1706.00	1569.00
ENSG00000173531	343.25	302.25
ENSG00000173535	149.25	103.00

ENSG00000173540	426.50	367.75
ENSG00000173542	893.25	847.50
ENSG00000173545	497.00	586.75
ENSG00000173546	1310.25	802.50
ENSG00000173548	2791.75	3244.00
ENSG00000173557	0.00	0.00
ENSG00000173559	3076.00	2993.25
ENSG00000173567	22.25	17.00
ENSG00000173572	0.00	0.00
ENSG00000173575	2963.25	2810.75
ENSG00000173578	3.00	6.75
ENSG00000173581	269.00	231.75
ENSG00000173585	0.00	0.00
ENSG00000173588	232.50	174.25
ENSG00000173597	153.50	123.00
ENSG00000173598	2303.25	3457.75
ENSG00000173599	558.50	718.75
ENSG00000173610	2.00	1.00
ENSG00000173611	828.50	506.75
ENSG00000173612	0.00	0.00
ENSG00000173614	392.50	311.25
ENSG00000173621	253.00	345.50
ENSG00000173626	25.50	23.25
ENSG00000173627	0.00	0.00
ENSG00000173638	102.25	114.50
ENSG00000173641	529.50	661.00
ENSG00000173653	138.50	130.50
ENSG00000173660	1424.50	1297.75
ENSG00000173662	4.75	4.75
ENSG00000173673	0.00	0.00
ENSG00000173674	1619.75	1872.75
ENSG00000173678	5.00	4.75
ENSG00000173679	0.00	0.00
ENSG00000173681	369.25	336.50
ENSG00000173692	2589.75	2523.50
ENSG00000173698	18.75	18.00
ENSG00000173699	0.25	0.25
ENSG00000173702	1.50	0.50
ENSG00000173705	71.50	116.25
ENSG00000173706	10221.25	14790.25
ENSG00000173714	5.75	5.00
ENSG00000173715	77.75	82.50
ENSG00000173726	3076.00	2886.25

ENSG00000173728	0.50	0.75
ENSG00000173744	1727.25	2067.00
ENSG00000173757	1393.25	1788.75
ENSG00000173762	8.25	11.75
ENSG00000173769	0.00	0.00
ENSG00000173786	2503.75	2573.00
ENSG00000173801	244.25	250.25
ENSG00000173805	8.50	5.50
ENSG00000173809	8.00	5.75
ENSG00000173810	0.00	0.00
ENSG00000173812	6561.25	6397.50
ENSG00000173818	440.50	374.00
ENSG00000173821	6339.25	6492.00
ENSG00000173825	2.00	1.75
ENSG00000173826	4.50	1.75
ENSG00000173838	12.50	122.25
ENSG00000173846	234.00	178.75
ENSG00000173848	503.00	412.75
ENSG00000173852	1656.50	1379.75
ENSG00000173868	0.25	0.75
ENSG00000173875	524.00	549.75
ENSG00000173876	0.00	0.00
ENSG00000173889	1791.50	1724.00
ENSG00000173890	26.75	30.00
ENSG00000173894	39.50	39.25
ENSG00000173898	24.00	18.75
ENSG00000173905	3119.00	2303.75
ENSG00000173908	0.00	0.00
ENSG00000173914	415.75	247.25
ENSG00000173915	609.50	711.25
ENSG00000173917	225.50	240.50
ENSG00000173918	643.25	1436.75
ENSG00000173926	63.50	60.00
ENSG00000173928	28.00	24.25
ENSG00000173930	9.75	5.25
ENSG00000173933	1473.00	1316.00
ENSG00000173947	118.50	45.75
ENSG00000173950	471.00	420.00
ENSG00000173954	0.00	0.00
ENSG00000173960	635.50	698.50
ENSG00000173966	0.00	0.00
ENSG00000173976	0.75	0.75
ENSG00000173988	2.25	2.25

ENSG00000173991	8.25	6.50
ENSG00000173992	627.75	492.25
ENSG00000174004	9.25	7.75
ENSG00000174007	100.25	96.25
ENSG00000174010	262.25	235.50
ENSG00000174013	179.25	164.25
ENSG00000174015	0.00	0.00
ENSG00000174016	0.00	0.00
ENSG00000174021	1094.00	1261.25
ENSG00000174028	208.25	224.50
ENSG00000174032	349.25	293.75
ENSG00000174038	4.75	3.00
ENSG00000174059	108.25	93.75
ENSG00000174080	2178.75	2088.25
ENSG00000174099	2501.25	3789.25
ENSG00000174106	594.00	580.00
ENSG00000174109	70.00	73.00
ENSG00000174123	3.75	4.00
ENSG00000174125	80.75	69.00
ENSG00000174130	49.00	33.25
ENSG00000174132	142.25	176.00
ENSG00000174136	3667.00	1714.75
ENSG00000174137	31.00	31.50
ENSG00000174145	0.00	0.00
ENSG00000174151	450.75	476.25
ENSG00000174156	0.00	0.00
ENSG00000174165	431.25	407.00
ENSG00000174173	232.25	234.00
ENSG00000174175	0.00	0.00
ENSG00000174177	192.75	171.50
ENSG00000174197	892.25	761.25
ENSG00000174206	97.75	80.25
ENSG00000174225	1.25	2.00
ENSG00000174226	0.75	0.50
ENSG00000174227	1077.50	1078.75
ENSG00000174231	4031.25	4011.75
ENSG00000174233	2164.75	2002.75
ENSG00000174236	9.25	3.00
ENSG00000174238	1683.75	1860.50
ENSG00000174243	1609.50	1559.25
ENSG00000174255	3.50	4.00
ENSG00000174276	88.25	87.25
ENSG00000174279	0.00	0.00

ENSG00000174282	4401.50	3881.50
ENSG00000174292	97.50	96.75
ENSG00000174306	2351.75	4602.50
ENSG00000174307	2359.00	1902.25
ENSG00000174325	25.25	14.00
ENSG00000174326	9.75	18.25
ENSG00000174327	40.75	23.25
ENSG00000174332	118.00	140.00
ENSG00000174339	0.00	0.00
ENSG00000174343	0.25	0.00
ENSG00000174348	12822.25	8856.75
ENSG00000174353	295.75	244.00
ENSG00000174358	0.00	0.00
ENSG00000174370	77.00	49.25
ENSG00000174371	15.50	18.75
ENSG00000174373	669.25	649.50
ENSG00000174384	43.75	42.50
ENSG00000174405	348.75	347.75
ENSG00000174408	0.00	0.00
ENSG00000174417	0.25	0.50
ENSG00000174418	0.00	0.00
ENSG00000174428	866.75	769.00
ENSG00000174429	1.25	1.50
ENSG00000174437	6424.50	15738.00
ENSG00000174442	338.75	251.75
ENSG00000174444	33366.75	29087.50
ENSG00000174446	259.50	227.25
ENSG00000174448	5.25	3.75
ENSG00000174450	0.00	0.25
ENSG00000174453	0.50	2.50
ENSG00000174456	272.50	304.50
ENSG00000174460	0.00	0.00
ENSG00000174469	0.75	2.50
ENSG00000174473	3.25	0.50
ENSG00000174482	0.00	1.00
ENSG00000174483	1269.25	1100.00
ENSG00000174485	1177.50	1182.75
ENSG00000174495	0.00	0.00
ENSG00000174498	2.75	1.00
ENSG00000174500	3.50	2.25
ENSG00000174501	177.00	107.25
ENSG00000174502	0.25	0.00
ENSG00000174514	29.50	12.25

ENSG00000174516	277.00	260.75
ENSG00000174521	0.50	1.25
ENSG00000174527	8.00	10.75
ENSG00000174529	22.75	17.75
ENSG00000174547	502.00	451.50
ENSG00000174562	0.00	0.00
ENSG00000174564	68.50	39.50
ENSG00000174567	0.75	0.00
ENSG00000174572	0.00	0.25
ENSG00000174574	911.25	1005.50
ENSG00000174576	1.00	5.00
ENSG00000174579	340.00	336.00
ENSG00000174586	162.00	155.50
ENSG00000174599	87.50	64.25
ENSG00000174600	3.50	1.50
ENSG00000174606	545.75	544.25
ENSG00000174607	18.00	17.00
ENSG00000174611	3.25	1.25
ENSG00000174628	201.50	204.50
ENSG00000174640	0.50	1.75
ENSG00000174652	709.75	534.25
ENSG00000174667	0.00	0.00
ENSG00000174669	27.00	17.25
ENSG00000174672	11.50	4.00
ENSG00000174677	0.00	0.00
ENSG00000174678	0.00	0.00
ENSG00000174684	827.75	799.00
ENSG00000174695	2159.50	2351.00
ENSG00000174697	29.50	230.75
ENSG00000174705	3242.50	4607.50
ENSG00000174715	0.00	0.25
ENSG00000174718	447.50	383.75
ENSG00000174720	1089.75	931.00
ENSG00000174721	19.25	8.75
ENSG00000174738	1465.50	839.50
ENSG00000174740	108.50	108.25
ENSG00000174744	487.50	550.25
ENSG00000174748	21112.50	18113.25
ENSG00000174749	452.75	419.00
ENSG00000174775	169.25	204.25
ENSG00000174776	0.00	0.00
ENSG00000174780	2491.75	1942.50
ENSG00000174788	0.75	0.50

ENSG00000174791	302.75	191.25
ENSG00000174792	3.75	5.75
ENSG00000174796	330.25	248.50
ENSG00000174799	219.75	183.25
ENSG00000174804	1318.00	2042.75
ENSG00000174807	17213.25	9513.75
ENSG00000174808	31.75	56.75
ENSG00000174827	31.25	18.50
ENSG00000174837	5.25	1.00
ENSG00000174839	272.50	339.50
ENSG00000174840	477.50	502.00
ENSG00000174842	137.25	123.75
ENSG00000174844	10.50	7.00
ENSG00000174851	794.25	765.25
ENSG00000174871	4.00	3.50
ENSG00000174876	0.75	0.50
ENSG00000174885	0.50	0.50
ENSG00000174886	1633.75	1476.75
ENSG00000174891	475.00	378.75
ENSG00000174898	0.50	0.00
ENSG00000174899	218.50	339.75
ENSG00000174903	2976.00	2784.75
ENSG00000174912	6.25	5.50
ENSG00000174914	0.00	0.00
ENSG00000174915	398.75	325.25
ENSG00000174917	462.50	484.50
ENSG00000174928	55.00	51.25
ENSG00000174930	0.00	0.00
ENSG00000174937	0.00	0.00
ENSG00000174938	613.50	617.00
ENSG00000174939	68.50	84.00
ENSG00000174942	0.00	0.00
ENSG00000174943	163.25	148.75
ENSG00000174944	11.50	32.00
ENSG00000174945	18.25	7.75
ENSG00000174946	0.00	0.00
ENSG00000174948	0.00	0.00
ENSG00000174950	0.00	0.00
ENSG00000174951	12.00	14.50
ENSG00000174953	1029.50	1021.00
ENSG00000174957	0.00	0.00
ENSG00000174963	0.25	0.00
ENSG00000174970	0.00	0.00

ENSG00000174977	0.50	0.50
ENSG00000174982	0.00	0.00
ENSG00000174989	618.00	558.75
ENSG00000174990	15.00	23.25
ENSG00000174992	1.75	2.00
ENSG00000174996	501.00	559.50
ENSG00000175003	5.75	5.75
ENSG00000175018	0.25	0.00
ENSG00000175029	1704.00	1665.25
ENSG00000175040	347.25	299.50
ENSG00000175048	283.75	178.75
ENSG00000175054	598.25	536.00
ENSG00000175063	12.25	14.00
ENSG00000175065	0.00	0.00
ENSG00000175066	767.75	1100.00
ENSG00000175073	701.75	768.00
ENSG00000175077	0.75	0.00
ENSG00000175084	141.00	130.50
ENSG00000175087	75.25	57.25
ENSG00000175093	0.00	0.00
ENSG00000175097	0.25	0.25
ENSG00000175104	280.75	285.50
ENSG00000175105	481.50	489.25
ENSG00000175106	126.75	83.25
ENSG00000175110	484.50	453.50
ENSG00000175115	2410.75	2130.00
ENSG00000175121	0.00	0.00
ENSG00000175130	919.00	394.50
ENSG00000175137	706.25	684.25
ENSG00000175143	0.00	0.00
ENSG00000175155	599.25	608.25
ENSG00000175161	3.00	3.00
ENSG00000175164	7.75	5.50
ENSG00000175166	4603.25	4033.75
ENSG00000175170	6.25	5.75
ENSG00000175175	4.00	2.00
ENSG00000175182	251.25	317.25
ENSG00000175183	435.75	426.50
ENSG00000175189	1.00	2.50
ENSG00000175193	454.00	481.00
ENSG00000175197	916.75	422.75
ENSG00000175198	324.25	301.00
ENSG00000175202	0.00	0.00

ENSG00000175203	3080.75	2993.25
ENSG00000175206	6.00	2.75
ENSG00000175213	212.75	167.00
ENSG00000175215	8153.00	7474.50
ENSG00000175216	3347.25	2754.25
ENSG00000175220	4547.75	5021.75
ENSG00000175221	832.50	795.75
ENSG00000175224	1922.75	2075.00
ENSG00000175229	0.25	0.75
ENSG00000175262	3.50	1.75
ENSG00000175264	0.75	0.00
ENSG00000175265	1382.00	1170.25
ENSG00000175267	11.00	7.00
ENSG00000175274	4394.75	4670.75
ENSG00000175279	169.25	140.00
ENSG00000175283	433.25	446.00
ENSG00000175287	526.25	458.50
ENSG00000175294	0.25	2.00
ENSG00000175302	0.00	0.00
ENSG00000175305	18.00	19.25
ENSG00000175309	644.75	572.25
ENSG00000175311	5.50	2.25
ENSG00000175315	1.75	2.00
ENSG00000175318	9.00	2.75
ENSG00000175319	0.00	0.00
ENSG00000175322	116.50	101.75
ENSG00000175324	471.00	566.25
ENSG00000175325	0.00	0.00
ENSG00000175329	0.00	0.00
ENSG00000175334	1140.25	939.25
ENSG00000175336	1.75	1.00
ENSG00000175344	9.75	2.50
ENSG00000175348	1214.75	1432.50
ENSG00000175352	162.00	158.00
ENSG00000175354	323.50	291.75
ENSG00000175356	90.75	98.50
ENSG00000175376	314.50	302.00
ENSG00000175387	1739.50	1556.75
ENSG00000175390	2404.75	2236.50
ENSG00000175393	0.00	0.00
ENSG00000175395	424.50	393.25
ENSG00000175398	0.00	0.00
ENSG00000175414	641.00	606.00

ENSG00000175416	870.25	991.50
ENSG00000175426	15.50	17.50
ENSG00000175445	18.00	21.50
ENSG00000175449	28.75	28.25
ENSG00000175455	2187.25	1615.50
ENSG00000175463	23.75	23.75
ENSG00000175467	1130.00	1051.00
ENSG00000175470	552.00	508.25
ENSG00000175471	72.00	246.75
ENSG00000175482	521.75	863.75
ENSG00000175485	0.25	0.00
ENSG00000175489	19.50	4.00
ENSG00000175497	1.25	1.75
ENSG00000175505	141.00	124.25
ENSG00000175509	0.25	0.00
ENSG00000175513	13.75	5.25
ENSG00000175514	0.00	0.00
ENSG00000175518	10.75	10.75
ENSG00000175520	0.00	0.00
ENSG00000175535	0.00	0.00
ENSG00000175536	12.00	9.50
ENSG00000175538	237.75	87.00
ENSG00000175544	7.25	2.50
ENSG00000175548	246.00	210.75
ENSG00000175550	1521.75	1176.25
ENSG00000175556	2.25	3.75
ENSG00000175564	10.50	12.25
ENSG00000175567	50.50	44.50
ENSG00000175573	1204.75	1033.50
ENSG00000175575	378.00	308.25
ENSG00000175581	232.75	165.00
ENSG00000175582	2682.50	2776.75
ENSG00000175591	1.25	1.25
ENSG00000175592	354.50	263.25
ENSG00000175595	456.75	392.25
ENSG00000175600	202.00	300.75
ENSG00000175602	883.75	645.50
ENSG00000175606	314.75	335.25
ENSG00000175619	0.00	0.00
ENSG00000175634	516.00	471.50
ENSG00000175643	97.50	70.25
ENSG00000175646	0.00	0.00
ENSG00000175658	0.00	0.25

ENSG00000175662	1567.50	1409.25
ENSG00000175664	2.50	3.50
ENSG00000175676	0.00	0.00
ENSG00000175691	49.25	41.00
ENSG00000175697	7.25	8.75
ENSG00000175701	147.50	136.75
ENSG00000175707	0.00	0.25
ENSG00000175711	51.75	45.00
ENSG00000175718	0.00	0.00
ENSG00000175727	1129.25	1189.50
ENSG00000175730	0.50	1.75
ENSG00000175741	0.00	0.00
ENSG00000175745	4933.25	3262.25
ENSG00000175749	0.75	0.50
ENSG00000175756	680.00	710.25
ENSG00000175764	145.50	93.00
ENSG00000175766	0.00	0.00
ENSG00000175768	561.25	570.50
ENSG00000175779	0.00	0.00
ENSG00000175782	533.75	591.25
ENSG00000175785	0.25	0.25
ENSG00000175787	46.00	50.25
ENSG00000175792	630.00	626.50
ENSG00000175793	2.50	2.50
ENSG00000175800	0.25	0.25
ENSG00000175806	227.75	203.75
ENSG00000175809	0.00	0.00
ENSG00000175820	3.25	1.50
ENSG00000175826	1904.75	1641.25
ENSG00000175832	54.00	44.75
ENSG00000175841	0.00	0.25
ENSG00000175854	340.25	274.50
ENSG00000175857	0.50	0.25
ENSG00000175866	312.75	226.75
ENSG00000175868	1.25	1.25
ENSG00000175874	6.25	6.75
ENSG00000175877	0.25	0.00
ENSG00000175879	6.00	4.50
ENSG00000175886	1.50	1.00
ENSG00000175893	377.75	428.75
ENSG00000175894	8.50	7.00
ENSG00000175895	166.25	180.75
ENSG00000175899	21929.25	22116.50

ENSG00000175906	213.00	187.50
ENSG00000175920	1.00	1.50
ENSG00000175928	24.00	4.25
ENSG00000175931	485.25	578.50
ENSG00000175938	1063.75	1171.75
ENSG00000175946	31.25	57.75
ENSG00000175970	1950.50	2252.75
ENSG00000175984	97.75	90.50
ENSG00000175985	14.50	7.50
ENSG00000176007	0.00	0.00
ENSG00000176009	1.25	0.75
ENSG00000176014	3402.50	4040.25
ENSG00000176018	597.00	539.50
ENSG00000176020	7.25	0.75
ENSG00000176022	437.75	434.00
ENSG00000176024	88.25	64.25
ENSG00000176029	3.00	2.75
ENSG00000176040	0.50	0.25
ENSG00000176043	0.00	0.00
ENSG00000176046	3446.50	2518.25
ENSG00000176049	2.75	2.75
ENSG00000176054	7.50	6.50
ENSG00000176055	137.00	106.75
ENSG00000176058	190.50	166.25
ENSG00000176076	7.00	3.25
ENSG00000176083	0.50	0.50
ENSG00000176087	1056.00	1010.75
ENSG00000176092	0.25	0.00
ENSG00000176095	1467.75	1432.00
ENSG00000176101	454.75	510.25
ENSG00000176102	478.75	432.50
ENSG00000176105	1403.00	1120.50
ENSG00000176108	371.50	283.00
ENSG00000176115	0.00	0.00
ENSG00000176124	78.00	58.00
ENSG00000176125	11.25	17.00
ENSG00000176134	1.75	1.50
ENSG00000176136	0.50	0.00
ENSG00000176142	917.75	878.00
ENSG00000176148	448.00	550.50
ENSG00000176153	2.75	4.50
ENSG00000176155	502.00	476.75
ENSG00000176160	0.25	0.25

ENSG00000176165	4.50	12.75
ENSG00000176170	145.25	303.25
ENSG00000176171	2471.75	3541.00
ENSG00000176177	0.00	0.00
ENSG00000176182	124.50	120.00
ENSG00000176183	0.00	0.25
ENSG00000176194	0.00	0.00
ENSG00000176198	0.00	0.00
ENSG00000176200	0.00	0.00
ENSG00000176204	10.25	6.25
ENSG00000176208	38.25	39.75
ENSG00000176209	374.50	364.00
ENSG00000176219	0.00	0.00
ENSG00000176222	125.75	90.25
ENSG00000176225	248.75	135.25
ENSG00000176230	0.00	0.00
ENSG00000176231	0.00	0.00
ENSG00000176232	0.00	0.00
ENSG00000176239	0.00	0.00
ENSG00000176243	0.00	0.00
ENSG00000176244	14.50	14.50
ENSG00000176246	0.00	0.00
ENSG00000176248	635.25	575.00
ENSG00000176253	0.00	0.00
ENSG00000176256	0.00	0.00
ENSG00000176261	248.25	230.75
ENSG00000176268	1.25	1.50
ENSG00000176269	0.00	0.00
ENSG00000176273	220.25	187.25
ENSG00000176281	0.00	0.00
ENSG00000176289	7.25	4.50
ENSG00000176290	0.00	0.00
ENSG00000176293	234.50	99.25
ENSG00000176294	0.00	0.00
ENSG00000176299	0.00	0.00
ENSG00000176302	0.25	0.00
ENSG00000176312	0.00	0.00
ENSG00000176318	0.00	0.00
ENSG00000176340	1005.50	983.75
ENSG00000176343	0.25	0.00
ENSG00000176358	8.00	2.50
ENSG00000176371	165.25	86.75
ENSG00000176378	1.50	0.50

ENSG00000176381	0.00	0.00
ENSG00000176383	5.50	8.75
ENSG00000176386	327.50	340.25
ENSG00000176387	28.00	7.25
ENSG00000176390	239.50	305.25
ENSG00000176393	1719.25	1326.25
ENSG00000176396	183.50	189.75
ENSG00000176399	24.25	10.50
ENSG00000176401	44.75	48.25
ENSG00000176402	2.00	0.25
ENSG00000176406	5.25	7.75
ENSG00000176407	929.25	899.25
ENSG00000176410	283.25	211.25
ENSG00000176422	170.50	159.50
ENSG00000176428	96.00	60.25
ENSG00000176435	41.50	25.25
ENSG00000176438	1580.25	2010.25
ENSG00000176444	346.25	316.00
ENSG00000176454	416.25	365.50
ENSG00000176463	1082.75	1129.50
ENSG00000176472	67.50	48.25
ENSG00000176473	175.25	153.50
ENSG00000176476	111.25	93.00
ENSG00000176485	399.25	442.00
ENSG00000176490	306.75	228.50
ENSG00000176495	0.00	0.00
ENSG00000176510	0.50	0.00
ENSG00000176531	246.50	143.50
ENSG00000176532	1.75	2.75
ENSG00000176533	65.75	76.00
ENSG00000176540	0.00	0.00
ENSG00000176542	935.75	758.00
ENSG00000176547	0.00	0.00
ENSG00000176555	0.00	0.00
ENSG00000176563	21.50	19.75
ENSG00000176566	0.00	0.00
ENSG00000176567	0.00	0.00
ENSG00000176571	0.00	0.00
ENSG00000176584	2.00	0.75
ENSG00000176595	11.00	19.75
ENSG00000176597	147.50	274.75
ENSG00000176601	0.00	0.00
ENSG00000176605	0.00	0.00

ENSG00000176619	1139.25	1233.25
ENSG00000176623	1448.00	1333.25
ENSG00000176624	963.25	856.25
ENSG00000176635	1.00	0.50
ENSG00000176641	162.00	178.50
ENSG00000176654	1.25	0.25
ENSG00000176658	9349.75	8895.00
ENSG00000176678	532.25	585.75
ENSG00000176679	0.00	0.00
ENSG00000176681	6.00	9.50
ENSG00000176692	41.25	52.25
ENSG00000176695	0.00	0.00
ENSG00000176697	632.50	526.50
ENSG00000176700	238.25	205.25
ENSG00000176714	73.75	50.50
ENSG00000176715	389.50	433.25
ENSG00000176716	1.25	1.75
ENSG00000176720	745.00	616.50
ENSG00000176723	53.00	33.50
ENSG00000176731	398.00	370.75
ENSG00000176732	16.00	8.75
ENSG00000176742	0.00	0.00
ENSG00000176746	0.00	0.00
ENSG00000176748	0.00	0.00
ENSG00000176749	23.75	12.50
ENSG00000176752	0.00	0.00
ENSG00000176761	6.50	5.25
ENSG00000176769	0.75	0.25
ENSG00000176771	197.25	38.25
ENSG00000176774	0.00	0.00
ENSG00000176782	0.00	0.00
ENSG00000176783	1156.50	997.50
ENSG00000176787	0.00	0.00
ENSG00000176788	5833.25	5377.25
ENSG00000176797	0.00	0.00
ENSG00000176798	0.00	0.00
ENSG00000176809	221.75	169.75
ENSG00000176812	0.00	0.00
ENSG00000176826	86.50	46.50
ENSG00000176834	564.00	629.50
ENSG00000176842	0.25	0.75
ENSG00000176845	1060.75	585.75
ENSG00000176853	1528.50	1280.50

ENSG00000176855	0.00	0.00
ENSG00000176857	0.50	0.25
ENSG00000176871	1352.25	1469.75
ENSG00000176879	0.00	0.00
ENSG00000176882	0.25	0.00
ENSG00000176884	1.25	0.75
ENSG00000176887	8.50	6.00
ENSG00000176890	583.50	274.75
ENSG00000176893	0.00	0.00
ENSG00000176894	87.50	146.75
ENSG00000176895	0.00	0.00
ENSG00000176896	65.75	63.00
ENSG00000176900	0.00	0.00
ENSG00000176903	988.25	901.25
ENSG00000176904	0.00	0.00
ENSG00000176907	3.75	7.25
ENSG00000176909	75.75	32.50
ENSG00000176915	1438.25	1547.25
ENSG00000176919	8.50	6.50
ENSG00000176920	17.50	8.50
ENSG00000176922	0.00	0.00
ENSG00000176923	0.00	0.00
ENSG00000176925	0.00	0.00
ENSG00000176927	29.50	42.00
ENSG00000176928	194.75	751.00
ENSG00000176933	19.25	18.00
ENSG00000176937	0.00	0.00
ENSG00000176945	7.00	4.00
ENSG00000176946	828.00	834.00
ENSG00000176951	0.00	0.00
ENSG00000176953	920.00	868.75
ENSG00000176956	0.00	0.00
ENSG00000176970	0.00	0.00
ENSG00000176971	1546.00	3230.00
ENSG00000176973	461.50	455.75
ENSG00000176974	107.00	209.50
ENSG00000176978	1967.75	2084.50
ENSG00000176979	0.25	0.00
ENSG00000176986	2270.00	1982.25
ENSG00000176988	0.00	0.00
ENSG00000176994	1162.25	1046.50
ENSG00000176998	0.25	0.25
ENSG00000177000	1473.00	1300.75

ENSG00000177023	0.00	0.00
ENSG00000177025	9.50	13.50
ENSG00000177030	928.00	727.00
ENSG00000177034	675.50	541.50
ENSG00000177042	818.50	622.25
ENSG00000177045	538.75	447.00
ENSG00000177047	0.50	1.25
ENSG00000177051	170.25	164.50
ENSG00000177054	182.75	229.00
ENSG00000177058	357.75	358.50
ENSG00000177076	40.00	25.50
ENSG00000177082	483.00	395.00
ENSG00000177084	461.25	397.00
ENSG00000177096	494.50	528.50
ENSG00000177098	321.50	208.50
ENSG00000177103	0.00	0.00
ENSG00000177105	617.75	639.00
ENSG00000177106	1259.25	937.50
ENSG00000177108	1.75	0.25
ENSG00000177119	3431.25	3784.00
ENSG00000177125	386.00	435.00
ENSG00000177138	3.75	2.75
ENSG00000177143	0.00	0.00
ENSG00000177144	107.75	155.00
ENSG00000177150	275.50	246.75
ENSG00000177151	0.00	0.00
ENSG00000177156	2084.25	2216.00
ENSG00000177169	1419.75	1267.25
ENSG00000177173	1.25	1.25
ENSG00000177174	0.00	0.00
ENSG00000177181	4.00	4.00
ENSG00000177182	7.00	7.25
ENSG00000177186	0.00	0.00
ENSG00000177189	1865.75	1546.25
ENSG00000177191	79.00	101.75
ENSG00000177192	125.00	178.75
ENSG00000177197	0.00	0.00
ENSG00000177200	1578.50	1908.75
ENSG00000177201	0.00	0.00
ENSG00000177202	0.00	0.00
ENSG00000177212	0.25	0.00
ENSG00000177225	1379.00	1209.75
ENSG00000177233	0.00	0.00

ENSG00000177238	41.50	35.25
ENSG00000177239	2211.75	1971.50
ENSG00000177243	0.00	0.00
ENSG00000177257	0.00	0.00
ENSG00000177261	0.00	0.00
ENSG00000177272	47.00	22.00
ENSG00000177275	0.00	0.00
ENSG00000177283	49.50	252.00
ENSG00000177291	4.50	4.25
ENSG00000177294	2.75	1.50
ENSG00000177300	0.00	0.00
ENSG00000177301	8.25	1.75
ENSG00000177302	364.25	346.50
ENSG00000177303	350.75	372.00
ENSG00000177306	5.00	5.75
ENSG00000177311	3998.50	3776.50
ENSG00000177324	1.00	2.50
ENSG00000177350	0.75	1.25
ENSG00000177352	362.25	294.50
ENSG00000177354	3.75	9.50
ENSG00000177359	1.75	1.25
ENSG00000177363	3664.25	3108.50
ENSG00000177370	122.50	114.00
ENSG00000177374	936.75	785.25
ENSG00000177380	39.50	26.25
ENSG00000177383	519.50	394.00
ENSG00000177398	0.00	0.00
ENSG00000177400	0.00	0.00
ENSG00000177409	1079.50	647.75
ENSG00000177414	0.00	0.00
ENSG00000177418	0.00	1.00
ENSG00000177425	420.25	656.50
ENSG00000177426	789.00	1363.75
ENSG00000177427	188.25	146.00
ENSG00000177432	173.50	107.25
ENSG00000177447	0.00	0.00
ENSG00000177452	0.00	0.00
ENSG00000177453	86.25	48.25
ENSG00000177455	3.25	3.25
ENSG00000177459	25.00	16.75
ENSG00000177462	0.50	0.00
ENSG00000177463	1595.25	1356.75
ENSG00000177464	36.00	26.00

ENSG00000177465	5.50	12.25
ENSG00000177468	0.00	0.00
ENSG00000177469	16143.50	23212.00
ENSG00000177476	0.00	0.00
ENSG00000177479	1608.75	1526.00
ENSG00000177483	16.50	13.50
ENSG00000177485	497.25	479.00
ENSG00000177489	0.00	0.00
ENSG00000177494	2.50	2.50
ENSG00000177504	0.00	0.00
ENSG00000177508	8.25	0.75
ENSG00000177511	0.00	0.00
ENSG00000177519	0.50	0.75
ENSG00000177535	0.00	0.00
ENSG00000177542	260.25	270.50
ENSG00000177548	463.00	380.25
ENSG00000177551	0.75	1.00
ENSG00000177556	740.50	631.00
ENSG00000177558	0.00	0.00
ENSG00000177565	2833.50	2204.75
ENSG00000177570	165.25	40.75
ENSG00000177575	20.75	20.75
ENSG00000177576	425.00	367.25
ENSG00000177586	0.00	0.00
ENSG00000177590	0.00	0.00
ENSG00000177595	686.75	401.50
ENSG00000177599	40.75	26.50
ENSG00000177600	6632.75	6758.25
ENSG00000177602	13.25	15.50
ENSG00000177606	4637.50	2038.75
ENSG00000177613	784.50	782.75
ENSG00000177614	286.25	48.25
ENSG00000177627	0.50	0.25
ENSG00000177628	3109.00	2261.00
ENSG00000177646	606.50	533.25
ENSG00000177663	797.00	1147.25
ENSG00000177666	1770.25	3571.00
ENSG00000177669	2.00	0.75
ENSG00000177673	0.00	0.00
ENSG00000177674	512.00	999.00
ENSG00000177675	5.00	19.25
ENSG00000177679	51.75	42.75
ENSG00000177683	421.00	335.50

ENSG00000177684	0.00	0.00
ENSG00000177685	21.00	13.75
ENSG00000177688	1.00	0.25
ENSG00000177689	2.50	1.25
ENSG00000177692	15.25	10.50
ENSG00000177693	0.00	0.00
ENSG00000177694	428.75	284.75
ENSG00000177697	10274.00	10393.75
ENSG00000177700	2376.25	2375.75
ENSG00000177706	1339.75	2728.00
ENSG00000177707	1101.00	1152.50
ENSG00000177710	3.50	3.25
ENSG00000177721	26.00	22.50
ENSG00000177728	1293.25	1197.50
ENSG00000177731	3958.00	4079.00
ENSG00000177732	781.75	504.50
ENSG00000177733	2627.25	2357.75
ENSG00000177736	0.50	0.00
ENSG00000177752	0.50	0.25
ENSG00000177770	0.00	0.00
ENSG00000177776	0.25	0.00
ENSG00000177791	1.25	2.00
ENSG00000177800	4.00	2.50
ENSG00000177803	0.00	0.00
ENSG00000177807	2.50	2.50
ENSG00000177830	1865.00	1618.00
ENSG00000177839	90.25	48.00
ENSG00000177842	19.75	23.50
ENSG00000177853	425.25	347.50
ENSG00000177854	112.50	128.25
ENSG00000177855	0.00	0.00
ENSG00000177868	385.00	271.25
ENSG00000177873	126.00	120.00
ENSG00000177875	17.00	30.50
ENSG00000177879	2408.25	2301.25
ENSG00000177885	1997.00	1986.50
ENSG00000177888	595.25	555.75
ENSG00000177889	887.00	1008.50
ENSG00000177910	0.00	0.00
ENSG00000177917	306.75	345.50
ENSG00000177932	336.25	286.25
ENSG00000177938	0.00	0.00
ENSG00000177943	62.25	67.25

ENSG00000177946	306.50	234.00
ENSG00000177947	0.00	0.75
ENSG00000177951	1503.25	1167.50
ENSG00000177954	14388.25	12035.50
ENSG00000177963	2078.50	1960.75
ENSG00000177971	504.25	530.50
ENSG00000177981	646.75	473.25
ENSG00000177984	10.25	8.50
ENSG00000177989	34.50	54.00
ENSG00000177990	106.25	99.75
ENSG00000177992	0.25	0.00
ENSG00000177994	2.25	0.50
ENSG00000178015	6.75	36.75
ENSG00000178021	0.75	0.00
ENSG00000178026	190.25	136.50
ENSG00000178028	525.75	367.50
ENSG00000178031	2030.75	913.00
ENSG00000178033	725.25	856.25
ENSG00000178035	3570.25	2870.25
ENSG00000178038	50.00	24.50
ENSG00000178053	204.50	110.50
ENSG00000178055	0.25	0.25
ENSG00000178057	884.75	734.75
ENSG00000178074	440.75	441.50
ENSG00000178075	28.75	40.75
ENSG00000178078	52.25	30.50
ENSG00000178081	3.50	3.50
ENSG00000178082	0.75	0.00
ENSG00000178084	0.00	0.00
ENSG00000178093	39.25	42.25
ENSG00000178096	142.75	107.75
ENSG00000178104	6946.25	6442.75
ENSG00000178105	273.25	300.00
ENSG00000178115	13.25	8.75
ENSG00000178125	5.25	2.00
ENSG00000178127	825.00	877.75
ENSG00000178146	0.00	0.00
ENSG00000178149	476.50	396.50
ENSG00000178150	10.75	5.50
ENSG00000178162	17.00	8.75
ENSG00000178163	527.75	408.00
ENSG00000178171	1.00	1.00
ENSG00000178172	0.00	0.00

ENSG00000178175	2.00	5.50
ENSG00000178177	235.25	196.00
ENSG00000178184	111.50	43.50
ENSG00000178187	19.25	11.00
ENSG00000178188	1005.50	927.00
ENSG00000178199	17.00	12.50
ENSG00000178201	21.00	16.00
ENSG00000178202	2476.00	2093.75
ENSG00000178209	15498.25	25598.50
ENSG00000178217	0.25	0.00
ENSG00000178222	62.25	52.00
ENSG00000178226	3.50	6.75
ENSG00000178229	68.25	59.50
ENSG00000178233	2.25	1.50
ENSG00000178234	1170.50	1271.00
ENSG00000178235	3.25	5.50
ENSG00000178252	3326.00	2435.00
ENSG00000178257	0.25	0.00
ENSG00000178279	0.00	0.00
ENSG00000178287	0.00	0.00
ENSG00000178295	172.00	193.50
ENSG00000178297	24.50	20.50
ENSG00000178301	116.00	58.75
ENSG00000178307	366.25	442.50
ENSG00000178338	166.75	172.25
ENSG00000178342	9.75	22.75
ENSG00000178343	35.25	20.00
ENSG00000178358	0.00	0.00
ENSG00000178363	0.00	0.00
ENSG00000178372	0.00	0.00
ENSG00000178381	185.50	173.75
ENSG00000178385	147.25	153.75
ENSG00000178386	85.75	75.50
ENSG00000178394	0.00	0.00
ENSG00000178395	0.00	0.00
ENSG00000178397	302.25	240.75
ENSG00000178401	76.75	33.75
ENSG00000178403	0.00	0.00
ENSG00000178404	10.50	6.75
ENSG00000178409	60.75	60.00
ENSG00000178425	705.25	388.75
ENSG00000178429	2.50	2.50
ENSG00000178445	3.25	0.00

ENSG00000178449	300.00	350.75
ENSG00000178458	0.00	1.00
ENSG00000178460	145.50	125.50
ENSG00000178462	0.00	0.25
ENSG00000178464	6.25	3.25
ENSG00000178467	519.25	504.75
ENSG00000178473	0.00	0.00
ENSG00000178498	467.50	337.00
ENSG00000178502	72.25	62.00
ENSG00000178503	0.00	0.00
ENSG00000178522	0.00	0.00
ENSG00000178531	75.75	51.25
ENSG00000178537	382.25	315.75
ENSG00000178538	0.00	0.25
ENSG00000178556	0.00	0.00
ENSG00000178562	3.25	2.75
ENSG00000178567	898.75	591.50
ENSG00000178568	2.25	4.00
ENSG00000178573	1825.00	1100.75
ENSG00000178585	288.75	261.00
ENSG00000178586	0.00	0.00
ENSG00000178591	0.00	0.00
ENSG00000178596	0.00	0.00
ENSG00000178597	0.00	0.00
ENSG00000178602	0.00	0.00
ENSG00000178605	508.75	596.75
ENSG00000178607	436.00	349.25
ENSG00000178623	19.75	16.50
ENSG00000178631	3.50	2.00
ENSG00000178636	15.00	19.00
ENSG00000178645	1.75	1.25
ENSG00000178654	0.50	0.25
ENSG00000178660	0.00	0.00
ENSG00000178662	58.50	22.00
ENSG00000178665	54.50	31.00
ENSG00000178685	535.25	418.50
ENSG00000178690	11.75	9.50
ENSG00000178691	849.50	719.75
ENSG00000178694	137.50	103.75
ENSG00000178695	4860.25	824.00
ENSG00000178700	383.00	352.50
ENSG00000178715	0.50	2.25
ENSG00000178718	31.50	42.00

ENSG00000178719	3691.75	3567.50
ENSG00000178723	0.25	0.25
ENSG00000178726	20.25	24.50
ENSG00000178732	2.50	0.75
ENSG00000178734	24.00	6.75
ENSG00000178741	580.00	595.50
ENSG00000178750	2.00	1.00
ENSG00000178752	133.50	147.00
ENSG00000178761	1126.00	1122.75
ENSG00000178762	0.00	0.00
ENSG00000178764	1099.25	634.75
ENSG00000178772	12.75	10.25
ENSG00000178773	67.25	76.50
ENSG00000178776	0.25	0.25
ENSG00000178789	0.00	0.00
ENSG00000178795	4.75	11.00
ENSG00000178796	1.50	1.00
ENSG00000178802	702.25	559.00
ENSG00000178804	0.00	0.00
ENSG00000178809	65.50	72.00
ENSG00000178814	169.25	196.75
ENSG00000178821	2.75	2.50
ENSG00000178826	4.25	2.75
ENSG00000178828	0.00	0.00
ENSG00000178836	0.00	0.00
ENSG00000178852	57.75	66.50
ENSG00000178860	850.00	664.50
ENSG00000178878	86.00	55.25
ENSG00000178882	2.25	0.00
ENSG00000178896	148.25	121.50
ENSG00000178904	943.50	1000.00
ENSG00000178913	1862.50	1764.25
ENSG00000178917	24.75	18.25
ENSG00000178919	75.25	112.25
ENSG00000178921	268.75	290.75
ENSG00000178922	226.75	170.25
ENSG00000178927	1213.50	948.75
ENSG00000178928	1.25	0.75
ENSG00000178934	0.00	0.25
ENSG00000178935	48.75	55.25
ENSG00000178947	10.00	6.00
ENSG00000178950	1407.50	1465.25
ENSG00000178951	1204.00	1297.50

ENSG00000178952	1992.50	2092.50
ENSG00000178965	1.50	4.50
ENSG00000178966	158.25	123.50
ENSG00000178971	259.00	287.75
ENSG00000178974	402.50	336.25
ENSG00000178980	765.00	809.75
ENSG00000178982	809.00	699.75
ENSG00000178988	1059.75	862.75
ENSG00000178996	4257.50	4034.50
ENSG00000178997	2.00	4.00
ENSG00000178999	13.75	10.50
ENSG00000179002	0.00	0.00
ENSG00000179008	3.00	3.00
ENSG00000179010	4287.00	3905.75
ENSG00000179021	469.50	386.50
ENSG00000179023	0.00	0.25
ENSG00000179029	129.50	158.25
ENSG00000179031	0.75	0.25
ENSG00000179038	1.25	0.75
ENSG00000179041	152.75	187.25
ENSG00000179044	22.50	8.75
ENSG00000179046	1.50	3.75
ENSG00000179051	735.75	618.25
ENSG00000179055	0.00	0.00
ENSG00000179057	7.00	10.00
ENSG00000179058	10.00	8.50
ENSG00000179059	7.75	7.00
ENSG00000179071	35.00	23.75
ENSG00000179073	0.00	0.00
ENSG00000179083	1.00	1.00
ENSG00000179085	125.50	157.75
ENSG00000179088	0.00	0.00
ENSG00000179091	742.50	749.25
ENSG00000179094	193.00	1249.50
ENSG00000179097	2.25	1.00
ENSG00000179101	0.25	0.00
ENSG00000179104	323.00	301.75
ENSG00000179111	2.00	1.00
ENSG00000179115	562.25	599.00
ENSG00000179119	672.75	656.50
ENSG00000179131	0.25	0.00
ENSG00000179133	6.25	3.25
ENSG00000179134	2473.75	2748.00

ENSG00000179142	0.00	0.00
ENSG00000179144	0.00	0.00
ENSG00000179148	0.50	2.00
ENSG00000179151	600.25	488.75
ENSG00000179152	591.50	501.75
ENSG00000179157	0.00	0.00
ENSG00000179163	103.00	85.50
ENSG00000179165	0.25	0.00
ENSG00000179168	37.75	28.50
ENSG00000179170	0.00	0.00
ENSG00000179172	0.00	0.00
ENSG00000179178	0.00	0.25
ENSG00000179195	2297.50	1890.75
ENSG00000179213	0.00	0.00
ENSG00000179218	23359.50	20795.25
ENSG00000179222	6593.25	3670.25
ENSG00000179240	55.00	39.25
ENSG00000179241	252.00	336.75
ENSG00000179242	35.50	77.50
ENSG00000179256	10.75	8.25
ENSG00000179262	1300.00	1374.00
ENSG00000179270	3.25	0.25
ENSG00000179271	635.25	663.50
ENSG00000179277	166.50	175.50
ENSG00000179284	3.00	2.50
ENSG00000179292	2.00	1.50
ENSG00000179295	7001.75	8845.75
ENSG00000179299	2.00	0.75
ENSG00000179300	15.75	115.00
ENSG00000179304	104.75	63.75
ENSG00000179314	16.00	20.00
ENSG00000179331	1.00	0.00
ENSG00000179335	885.00	798.00
ENSG00000179342	0.50	0.75
ENSG00000179344	0.00	0.00
ENSG00000179348	222.50	187.50
ENSG00000179361	71.00	73.00
ENSG00000179362	13.00	8.50
ENSG00000179363	2.25	3.00
ENSG00000179364	1604.50	1622.75
ENSG00000179381	0.00	0.00
ENSG00000179387	829.50	813.00
ENSG00000179388	92.00	23.25

ENSG00000179397	29.75	40.75
ENSG00000179399	0.25	0.75
ENSG00000179403	132.00	113.75
ENSG00000179407	0.00	0.00
ENSG00000179409	545.50	522.50
ENSG00000179412	0.00	0.00
ENSG00000179420	0.00	0.00
ENSG00000179431	137.25	182.00
ENSG00000179443	0.00	0.00
ENSG00000179454	376.50	337.25
ENSG00000179455	8.00	9.25
ENSG00000179456	225.00	161.75
ENSG00000179460	0.00	0.00
ENSG00000179468	0.00	0.25
ENSG00000179476	187.00	152.25
ENSG00000179477	0.50	0.00
ENSG00000179520	0.00	0.75
ENSG00000179526	740.00	761.50
ENSG00000179528	40.25	40.00
ENSG00000179532	259.25	236.25
ENSG00000179542	5.50	5.25
ENSG00000179546	4.25	2.00
ENSG00000179562	636.25	562.50
ENSG00000179564	1.00	0.50
ENSG00000179571	0.25	0.00
ENSG00000179580	0.00	0.50
ENSG00000179583	48.75	34.50
ENSG00000179588	115.00	91.50
ENSG00000179593	0.25	129.50
ENSG00000179598	48.00	37.50
ENSG00000179600	0.00	0.00
ENSG00000179603	0.00	0.25
ENSG00000179604	1483.00	1156.25
ENSG00000179611	0.00	0.00
ENSG00000179615	0.00	0.00
ENSG00000179626	0.00	0.00
ENSG00000179627	64.75	66.50
ENSG00000179630	716.25	654.50
ENSG00000179632	2108.00	2340.50
ENSG00000179636	0.00	0.00
ENSG00000179639	0.00	0.00
ENSG00000179673	0.00	0.25
ENSG00000179674	0.00	0.00

ENSG00000179695	0.00	0.00
ENSG00000179698	13.50	14.00
ENSG00000179709	1.75	0.75
ENSG00000179715	22.00	23.75
ENSG00000179750	21.50	17.75
ENSG00000179751	0.00	0.00
ENSG00000179761	18.75	20.00
ENSG00000179766	1.75	0.50
ENSG00000179772	0.00	0.00
ENSG00000179774	0.00	0.25
ENSG00000179776	0.00	0.25
ENSG00000179796	0.00	0.00
ENSG00000179799	0.00	0.00
ENSG00000179813	7.50	0.50
ENSG00000179817	0.00	0.00
ENSG00000179820	3037.75	7818.75
ENSG00000179826	4.50	2.75
ENSG00000179832	713.00	789.25
ENSG00000179833	1083.50	812.25
ENSG00000179841	17.25	18.50
ENSG00000179846	1.50	3.50
ENSG00000179855	7.25	9.00
ENSG00000179862	32.75	81.50
ENSG00000179869	52.00	45.75
ENSG00000179873	3.25	1.25
ENSG00000179886	94.75	93.00
ENSG00000179889	889.75	715.25
ENSG00000179899	169.50	122.75
ENSG00000179902	1.25	0.50
ENSG00000179909	307.25	183.00
ENSG00000179912	1533.00	1377.50
ENSG00000179913	0.00	0.00
ENSG00000179914	0.00	0.00
ENSG00000179915	0.00	2.50
ENSG00000179918	641.50	613.50
ENSG00000179919	0.00	0.00
ENSG00000179921	4.00	5.50
ENSG00000179922	97.75	66.00
ENSG00000179930	0.00	0.00
ENSG00000179933	1243.00	1204.75
ENSG00000179934	0.00	0.00
ENSG00000179938	10.75	7.75
ENSG00000179941	621.25	705.00

ENSG00000179943	191.75	158.00
ENSG00000179950	378.00	340.75
ENSG00000179954	1564.75	1089.75
ENSG00000179958	146.75	149.25
ENSG00000179965	124.50	123.00
ENSG00000179967	3.00	1.00
ENSG00000179978	21.00	5.25
ENSG00000179979	196.50	187.75
ENSG00000179981	816.25	455.00
ENSG00000179988	67.50	60.50
ENSG00000179994	0.00	0.00
ENSG00000179997	0.00	0.00
ENSG00000180008	671.75	631.75
ENSG00000180011	774.25	612.75
ENSG00000180015	12.50	12.50
ENSG00000180016	0.25	0.00
ENSG00000180019	0.25	0.00
ENSG00000180035	130.50	113.00
ENSG00000180042	0.00	0.00
ENSG00000180043	0.00	0.00
ENSG00000180044	1.00	2.25
ENSG00000180053	0.00	0.50
ENSG00000180061	0.75	0.25
ENSG00000180068	0.00	0.00
ENSG00000180071	3.50	5.25
ENSG00000180083	4.00	1.75
ENSG00000180089	41.50	33.00
ENSG00000180090	0.75	0.25
ENSG00000180096	38.00	39.75
ENSG00000180098	311.50	325.75
ENSG00000180104	1240.50	1086.75
ENSG00000180105	0.00	0.00
ENSG00000180113	54.25	56.25
ENSG00000180116	4.75	4.75
ENSG00000180138	0.50	0.50
ENSG00000180150	0.00	0.00
ENSG00000180152	4.25	3.25
ENSG00000180155	1437.50	873.00
ENSG00000180172	0.25	0.00
ENSG00000180176	0.25	0.00
ENSG00000180178	5.00	4.25
ENSG00000180182	879.50	983.00
ENSG00000180185	433.25	392.25

ENSG00000180189	3.00	1.25
ENSG00000180190	160.75	111.00
ENSG00000180198	508.50	613.25
ENSG00000180205	0.00	0.00
ENSG00000180209	1.00	1.25
ENSG00000180210	0.50	0.00
ENSG00000180211	0.25	0.25
ENSG00000180219	0.00	0.25
ENSG00000180221	0.25	0.25
ENSG00000180228	653.25	609.00
ENSG00000180229	325.25	263.50
ENSG00000180230	0.00	0.00
ENSG00000180233	125.25	128.75
ENSG00000180245	1.75	0.25
ENSG00000180251	29.25	15.50
ENSG00000180257	105.50	102.75
ENSG00000180259	0.00	0.00
ENSG00000180263	294.25	220.50
ENSG00000180264	11.50	9.25
ENSG00000180269	0.00	0.00
ENSG00000180284	0.00	0.00
ENSG00000180287	18.00	56.75
ENSG00000180304	2298.00	1788.75
ENSG00000180305	0.00	0.00
ENSG00000180316	2.00	5.50
ENSG00000180318	0.00	0.00
ENSG00000180329	319.00	275.50
ENSG00000180332	0.75	1.00
ENSG00000180336	28.75	31.00
ENSG00000180340	1228.75	1228.50
ENSG00000180346	160.25	170.00
ENSG00000180347	1.25	1.25
ENSG00000180353	5.50	2.50
ENSG00000180354	1405.75	1638.00
ENSG00000180357	1338.00	1237.75
ENSG00000180370	1854.75	1847.50
ENSG00000180376	299.50	269.25
ENSG00000180383	0.25	0.00
ENSG00000180385	25.00	22.00
ENSG00000180386	0.00	0.00
ENSG00000180389	0.25	0.00
ENSG00000180398	6475.75	6170.75
ENSG00000180409	0.00	0.00

ENSG00000180423	61.50	59.75
ENSG00000180424	0.00	0.00
ENSG00000180425	62.25	48.75
ENSG00000180432	3.25	6.50
ENSG00000180433	0.00	0.00
ENSG00000180437	0.00	0.00
ENSG00000180438	8.25	6.50
ENSG00000180440	0.00	0.25
ENSG00000180447	1557.00	1689.00
ENSG00000180448	327.00	287.50
ENSG00000180475	0.50	1.25
ENSG00000180479	112.75	88.75
ENSG00000180481	23.75	18.00
ENSG00000180483	0.00	0.00
ENSG00000180488	485.25	596.50
ENSG00000180509	19.50	20.00
ENSG00000180525	19.00	53.50
ENSG00000180530	1237.50	1138.00
ENSG00000180532	1.25	1.00
ENSG00000180535	0.00	0.50
ENSG00000180537	135.25	140.00
ENSG00000180543	610.75	528.00
ENSG00000180549	0.00	0.00
ENSG00000180573	876.25	649.00
ENSG00000180574	0.25	0.25
ENSG00000180581	70.50	50.50
ENSG00000180592	40.25	29.25
ENSG00000180596	46.75	33.00
ENSG00000180610	1.50	1.00
ENSG00000180611	98.75	133.50
ENSG00000180613	0.25	1.75
ENSG00000180616	42.50	30.25
ENSG00000180626	182.25	134.00
ENSG00000180628	859.00	1054.25
ENSG00000180638	3.50	3.25
ENSG00000180644	0.50	0.25
ENSG00000180658	0.00	0.00
ENSG00000180660	79.00	73.50
ENSG00000180662	0.00	0.00
ENSG00000180663	0.00	0.00
ENSG00000180667	212.75	263.75
ENSG00000180673	0.00	0.00
ENSG00000180694	718.50	956.50

ENSG00000180697	0.00	0.25
ENSG00000180708	0.00	0.00
ENSG00000180714	0.00	0.00
ENSG00000180720	1.00	0.75
ENSG00000180723	0.00	0.00
ENSG00000180730	1.75	3.75
ENSG00000180739	1.25	2.25
ENSG00000180745	0.75	0.25
ENSG00000180747	155.75	177.50
ENSG00000180758	97.75	123.75
ENSG00000180764	8.25	11.50
ENSG00000180767	0.00	0.00
ENSG00000180770	0.50	0.00
ENSG00000180772	0.00	0.00
ENSG00000180773	451.50	489.75
ENSG00000180776	1817.00	1420.50
ENSG00000180777	9.50	5.75
ENSG00000180785	0.00	0.00
ENSG00000180787	125.25	109.25
ENSG00000180801	1503.25	1671.00
ENSG00000180803	0.00	0.00
ENSG00000180806	7.25	9.25
ENSG00000180815	11.25	3.00
ENSG00000180817	1760.25	1294.25
ENSG00000180818	1.00	0.00
ENSG00000180822	144.00	154.75
ENSG00000180828	0.00	0.25
ENSG00000180834	31.00	20.00
ENSG00000180855	38.00	31.25
ENSG00000180867	39.50	37.75
ENSG00000180871	1.25	1.25
ENSG00000180872	0.00	0.00
ENSG00000180875	484.75	290.75
ENSG00000180878	3.00	2.00
ENSG00000180879	1693.75	1540.25
ENSG00000180881	166.00	106.25
ENSG00000180884	53.00	40.00
ENSG00000180891	920.25	1314.50
ENSG00000180900	562.25	500.50
ENSG00000180901	1055.75	1032.50
ENSG00000180902	440.75	419.25
ENSG00000180909	0.25	0.00
ENSG00000180913	0.00	0.00

ENSG00000180914	262.00	785.25
ENSG00000180917	455.75	294.75
ENSG00000180919	0.25	0.25
ENSG00000180921	92.50	102.25
ENSG00000180926	0.00	0.00
ENSG00000180929	1.00	0.75
ENSG00000180934	0.00	0.00
ENSG00000180938	50.25	27.25
ENSG00000180953	62.75	51.25
ENSG00000180957	1089.75	1237.50
ENSG00000180964	1096.50	946.50
ENSG00000180974	0.00	0.00
ENSG00000180979	475.25	465.00
ENSG00000180988	0.00	0.50
ENSG00000180992	422.25	286.00
ENSG00000180998	59.75	41.00
ENSG00000180999	0.50	0.25
ENSG00000181001	0.00	0.00
ENSG00000181004	143.75	179.25
ENSG00000181007	157.00	128.75
ENSG00000181009	0.00	0.00
ENSG00000181013	1.00	2.75
ENSG00000181016	18.50	15.75
ENSG00000181017	0.50	0.00
ENSG00000181019	4182.25	2401.00
ENSG00000181023	0.00	0.25
ENSG00000181026	783.75	684.00
ENSG00000181027	497.00	623.25
ENSG00000181029	445.50	430.00
ENSG00000181031	6.50	9.25
ENSG00000181035	261.75	215.25
ENSG00000181036	2.50	2.50
ENSG00000181038	260.00	225.75
ENSG00000181045	378.75	278.75
ENSG00000181061	1572.25	3358.75
ENSG00000181072	3895.25	2275.75
ENSG00000181074	2.25	1.25
ENSG00000181085	1.50	1.50
ENSG00000181090	1002.25	835.50
ENSG00000181092	4.75	5.00
ENSG00000181101	0.00	0.00
ENSG00000181104	7129.75	8247.75
ENSG00000181109	1.00	0.25

ENSG00000181126	2.75	2.25
ENSG00000181135	117.75	106.00
ENSG00000181143	0.00	0.25
ENSG00000181163	11305.75	9473.00
ENSG00000181191	486.75	389.75
ENSG00000181192	484.50	705.25
ENSG00000181195	243.25	218.75
ENSG00000181201	0.00	0.00
ENSG00000181214	0.00	0.00
ENSG00000181215	0.00	0.00
ENSG00000181218	97.25	69.25
ENSG00000181220	439.25	469.00
ENSG00000181222	7031.25	6740.75
ENSG00000181227	13.50	8.75
ENSG00000181234	0.00	0.00
ENSG00000181240	3.75	2.25
ENSG00000181260	0.75	0.25
ENSG00000181264	416.00	387.00
ENSG00000181273	0.00	0.00
ENSG00000181274	62.50	66.25
ENSG00000181282	0.00	0.00
ENSG00000181284	33.75	36.75
ENSG00000181291	0.50	0.25
ENSG00000181296	0.00	0.00
ENSG00000181315	725.75	602.75
ENSG00000181322	8.25	12.00
ENSG00000181323	0.00	0.00
ENSG00000181325	0.00	0.00
ENSG00000181333	3.75	2.75
ENSG00000181350	4260.00	3697.75
ENSG00000181355	0.75	0.50
ENSG00000181358	0.00	0.00
ENSG00000181359	3.25	1.00
ENSG00000181371	0.00	0.00
ENSG00000181374	26.25	29.00
ENSG00000181378	0.25	0.75
ENSG00000181381	641.00	831.75
ENSG00000181392	6.75	10.00
ENSG00000181395	0.00	0.00
ENSG00000181396	679.50	541.25
ENSG00000181404	233.00	205.75
ENSG00000181408	0.00	0.00
ENSG00000181409	4.50	3.00

ENSG00000181418	2.25	1.75
ENSG00000181433	0.00	0.00
ENSG00000181444	12.75	8.50
ENSG00000181449	1.00	0.25
ENSG00000181450	131.50	114.25
ENSG00000181458	1484.75	1407.50
ENSG00000181467	928.25	354.00
ENSG00000181472	727.75	440.00
ENSG00000181481	372.50	436.50
ENSG00000181499	0.25	0.00
ENSG00000181511	0.00	0.00
ENSG00000181513	257.50	236.50
ENSG00000181514	0.00	0.00
ENSG00000181518	0.00	0.00
ENSG00000181523	1545.25	1237.50
ENSG00000181524	1.25	1.00
ENSG00000181541	2.00	2.25
ENSG00000181544	21.25	25.00
ENSG00000181552	0.00	0.00
ENSG00000181555	1716.25	1592.25
ENSG00000181562	0.00	0.00
ENSG00000181577	1.25	0.00
ENSG00000181585	4.00	1.25
ENSG00000181588	447.75	328.25
ENSG00000181609	0.00	0.00
ENSG00000181610	430.75	485.00
ENSG00000181616	1.00	0.50
ENSG00000181617	0.00	0.00
ENSG00000181619	94.50	112.50
ENSG00000181625	66.25	84.25
ENSG00000181626	2.50	2.50
ENSG00000181631	0.00	0.00
ENSG00000181634	46.75	11.00
ENSG00000181638	362.50	296.75
ENSG00000181649	35.00	49.25
ENSG00000181652	5.75	6.75
ENSG00000181656	1.75	0.25
ENSG00000181666	474.00	375.75
ENSG00000181689	0.00	0.00
ENSG00000181690	483.00	448.25
ENSG00000181693	0.00	0.00
ENSG00000181698	0.00	0.00
ENSG00000181704	938.50	1032.00

ENSG00000181705	0.00	0.00
ENSG00000181718	0.00	0.00
ENSG00000181722	107.25	75.25
ENSG00000181733	0.00	0.00
ENSG00000181741	0.25	0.25
ENSG00000181744	789.75	778.00
ENSG00000181751	183.50	204.75
ENSG00000181752	0.00	0.00
ENSG00000181754	328.75	261.75
ENSG00000181761	0.00	0.00
ENSG00000181767	0.00	0.00
ENSG00000181773	3.50	1.75
ENSG00000181778	20.75	23.75
ENSG00000181780	0.00	0.00
ENSG00000181781	0.25	0.50
ENSG00000181785	0.00	0.00
ENSG00000181786	0.00	0.00
ENSG00000181788	473.50	400.75
ENSG00000181789	4139.50	4127.50
ENSG00000181790	2.50	0.50
ENSG00000181803	0.00	0.00
ENSG00000181804	835.25	1037.00
ENSG00000181817	368.75	307.75
ENSG00000181819	0.00	0.00
ENSG00000181826	109.00	201.75
ENSG00000181827	1059.25	653.00
ENSG00000181830	592.50	945.25
ENSG00000181837	0.00	0.00
ENSG00000181847	0.75	0.75
ENSG00000181852	1344.75	1537.75
ENSG00000181856	5.25	10.00
ENSG00000181867	0.00	0.00
ENSG00000181873	194.00	175.75
ENSG00000181885	29.00	40.00
ENSG00000181894	300.75	222.25
ENSG00000181896	112.25	104.00
ENSG00000181903	0.00	0.00
ENSG00000181904	1417.25	1581.25
ENSG00000181915	416.50	378.25
ENSG00000181924	375.00	373.75
ENSG00000181927	0.00	0.00
ENSG00000181929	1430.25	1317.00
ENSG00000181935	0.00	0.00

ENSG00000181938	55.25	40.00
ENSG00000181939	0.00	0.00
ENSG00000181943	0.00	0.00
ENSG00000181950	0.00	0.00
ENSG00000181958	0.00	0.00
ENSG00000181961	0.00	0.00
ENSG00000181963	0.00	0.00
ENSG00000181965	0.00	0.00
ENSG00000181977	0.00	0.00
ENSG00000181982	527.00	438.25
ENSG00000181984	2.75	0.25
ENSG00000181991	450.50	465.00
ENSG00000181997	0.00	0.00
ENSG00000182000	0.25	0.00
ENSG00000182004	479.50	457.75
ENSG00000182010	196.75	55.25
ENSG00000182013	235.50	194.50
ENSG00000182022	1043.00	1115.75
ENSG00000182035	0.00	0.00
ENSG00000182040	1.75	1.00
ENSG00000182048	0.25	0.00
ENSG00000182050	21.75	15.75
ENSG00000182053	0.00	0.75
ENSG00000182054	757.00	1077.50
ENSG00000182070	0.00	0.00
ENSG00000182077	0.00	0.00
ENSG00000182083	0.00	0.00
ENSG00000182087	2477.00	2641.50
ENSG00000182093	707.75	771.25
ENSG00000182095	4238.00	4452.75
ENSG00000182103	1.00	2.50
ENSG00000182107	158.50	262.25
ENSG00000182108	593.75	549.50
ENSG00000182111	5.75	4.50
ENSG00000182117	777.25	783.00
ENSG00000182118	108.75	130.75
ENSG00000182132	0.00	0.00
ENSG00000182134	42.50	33.00
ENSG00000182141	105.50	93.50
ENSG00000182149	2338.50	2089.25
ENSG00000182150	646.75	598.50
ENSG00000182154	342.25	471.50
ENSG00000182156	0.00	0.25

ENSG00000182158	2642.00	3678.00
ENSG00000182162	17.75	16.75
ENSG00000182168	22.75	13.25
ENSG00000182170	0.00	0.00
ENSG00000182173	98.00	102.50
ENSG00000182175	491.00	597.50
ENSG00000182177	7.75	5.50
ENSG00000182179	985.00	670.50
ENSG00000182180	903.50	783.25
ENSG00000182183	23.00	10.00
ENSG00000182185	87.00	50.00
ENSG00000182187	0.00	0.00
ENSG00000182195	784.75	607.25
ENSG00000182196	1549.00	1528.25
ENSG00000182197	7203.75	3842.00
ENSG00000182199	1765.00	1032.50
ENSG00000182208	398.50	408.50
ENSG00000182218	349.00	298.75
ENSG00000182220	4931.25	4520.25
ENSG00000182223	0.00	0.00
ENSG00000182224	472.75	397.75
ENSG00000182230	9.00	16.50
ENSG00000182240	1049.25	1039.75
ENSG00000182247	832.50	680.75
ENSG00000182253	152.75	127.00
ENSG00000182255	0.50	0.50
ENSG00000182256	2.50	1.75
ENSG00000182257	27.25	23.25
ENSG00000182261	3.25	9.25
ENSG00000182263	248.00	139.50
ENSG00000182264	4.00	4.50
ENSG00000182271	0.00	0.00
ENSG00000182272	78.50	33.25
ENSG00000182287	587.25	745.75
ENSG00000182307	1002.00	1006.75
ENSG00000182308	3.25	2.50
ENSG00000182315	0.00	0.00
ENSG00000182318	124.00	91.00
ENSG00000182324	23.50	27.00
ENSG00000182325	188.00	237.25
ENSG00000182326	50377.25	47841.75
ENSG00000182327	13.75	7.75
ENSG00000182329	35.50	20.50

ENSG00000182330	0.00	1.50
ENSG00000182333	0.25	0.00
ENSG00000182334	0.00	0.00
ENSG00000182346	0.25	0.00
ENSG00000182347	1.25	2.25
ENSG00000182348	0.00	0.00
ENSG00000182351	0.00	0.00
ENSG00000182359	69.00	118.00
ENSG00000182362	205.25	209.00
ENSG00000182365	0.00	0.00
ENSG00000182372	303.00	206.00
ENSG00000182378	210.75	158.00
ENSG00000182379	30.75	12.25
ENSG00000182383	0.00	0.25
ENSG00000182389	82.50	37.75
ENSG00000182393	0.00	0.00
ENSG00000182397	76.00	42.75
ENSG00000182400	564.25	555.50
ENSG00000182405	102.00	82.50
ENSG00000182415	0.00	0.00
ENSG00000182446	2075.00	2110.00
ENSG00000182447	0.00	0.00
ENSG00000182450	2.25	2.25
ENSG00000182459	0.50	0.50
ENSG00000182463	62.50	42.00
ENSG00000182472	6.00	9.50
ENSG00000182473	4341.75	3153.50
ENSG00000182477	0.00	0.50
ENSG00000182481	1432.25	1095.50
ENSG00000182484	718.75	625.00
ENSG00000182487	0.00	0.00
ENSG00000182489	2.00	1.00
ENSG00000182492	10558.00	7619.75
ENSG00000182504	226.50	192.25
ENSG00000182508	4.25	1.75
ENSG00000182511	293.75	223.00
ENSG00000182512	436.25	409.75
ENSG00000182518	124.25	113.25
ENSG00000182521	4.00	2.50
ENSG00000182531	0.00	0.00
ENSG00000182533	0.00	0.25
ENSG00000182534	7559.00	8030.25
ENSG00000182541	584.50	530.50

ENSG00000182544	672.75	675.50
ENSG00000182545	22.75	21.75
ENSG00000182551	1310.50	1788.25
ENSG00000182552	738.25	1406.75
ENSG00000182557	0.00	0.25
ENSG00000182565	0.00	0.00
ENSG00000182566	0.00	0.00
ENSG00000182568	985.00	692.25
ENSG00000182574	1.25	0.25
ENSG00000182575	176.00	374.25
ENSG00000182578	5.75	4.25
ENSG00000182580	659.75	245.50
ENSG00000182583	0.00	0.25
ENSG00000182584	13.25	18.00
ENSG00000182585	0.50	1.75
ENSG00000182591	0.00	0.00
ENSG00000182600	9.75	10.25
ENSG00000182601	0.00	0.00
ENSG00000182606	1485.25	1366.00
ENSG00000182612	91.00	83.50
ENSG00000182613	0.00	0.00
ENSG00000182621	378.00	223.75
ENSG00000182625	0.00	0.00
ENSG00000182628	520.50	357.00
ENSG00000182631	0.00	0.00
ENSG00000182632	2.75	1.00
ENSG00000182634	0.00	0.00
ENSG00000182636	1643.25	1361.50
ENSG00000182645	0.50	0.50
ENSG00000182652	0.00	0.00
ENSG00000182667	206.00	126.00
ENSG00000182670	9024.75	5374.50
ENSG00000182674	11.75	2.00
ENSG00000182676	0.50	1.50
ENSG00000182685	27.25	39.25
ENSG00000182687	1.00	0.50
ENSG00000182698	0.00	0.00
ENSG00000182700	361.00	399.75
ENSG00000182704	768.75	1382.25
ENSG00000182707	0.00	0.00
ENSG00000182712	111.75	107.25
ENSG00000182718	20996.00	29850.00
ENSG00000182722	0.00	0.25

ENSG00000182732	10.50	2.25
ENSG00000182742	316.25	320.25
ENSG00000182747	0.00	0.25
ENSG00000182749	565.00	587.75
ENSG00000182752	7515.25	11024.25
ENSG00000182759	0.00	1.25
ENSG00000182768	2367.50	1856.75
ENSG00000182771	29.50	18.25
ENSG00000182774	6262.75	5722.00
ENSG00000182782	0.50	0.75
ENSG00000182783	0.00	0.00
ENSG00000182791	6.75	4.50
ENSG00000182793	0.00	0.00
ENSG00000182795	0.75	1.00
ENSG00000182796	864.00	1020.50
ENSG00000182798	1.00	0.00
ENSG00000182809	655.00	992.50
ENSG00000182810	108.50	109.50
ENSG00000182814	0.00	0.00
ENSG00000182816	0.00	0.00
ENSG00000182827	1556.75	1471.00
ENSG00000182831	1647.75	1611.75
ENSG00000182836	7.25	55.75
ENSG00000182841	167.25	153.25
ENSG00000182853	9.00	8.50
ENSG00000182854	0.00	0.00
ENSG00000182858	592.25	503.75
ENSG00000182866	1.75	1.75
ENSG00000182870	1.50	0.50
ENSG00000182871	3111.25	3963.75
ENSG00000182872	749.75	682.50
ENSG00000182885	0.00	0.00
ENSG00000182888	0.00	0.00
ENSG00000182890	13.50	14.75
ENSG00000182896	0.50	0.75
ENSG00000182898	0.00	0.00
ENSG00000182899	5788.50	5232.25
ENSG00000182901	57.25	45.75
ENSG00000182902	8.75	11.25
ENSG00000182903	315.50	297.75
ENSG00000182916	507.00	325.00
ENSG00000182919	479.75	438.50
ENSG00000182921	0.00	0.00

ENSG00000182923	624.00	583.75
ENSG00000182931	4.00	1.50
ENSG00000182934	3235.00	3083.50
ENSG00000182938	0.00	0.00
ENSG00000182944	3917.50	4074.50
ENSG00000182950	9.75	3.50
ENSG00000182952	838.75	941.75
ENSG00000182957	1000.50	626.25
ENSG00000182963	454.25	346.00
ENSG00000182965	0.25	0.00
ENSG00000182968	0.00	0.00
ENSG00000182973	349.25	292.75
ENSG00000182974	0.00	0.00
ENSG00000182979	1251.50	1210.25
ENSG00000182983	135.00	90.00
ENSG00000182985	177.50	62.75
ENSG00000182986	335.75	255.00
ENSG00000182993	36.25	37.00
ENSG00000183010	481.00	291.75
ENSG00000183011	370.75	388.50
ENSG00000183018	9.25	4.75
ENSG00000183019	0.00	0.00
ENSG00000183020	762.50	722.75
ENSG00000183022	0.25	0.00
ENSG00000183023	1467.50	803.50
ENSG00000183024	0.00	0.00
ENSG00000183032	36.75	20.50
ENSG00000183034	0.00	0.00
ENSG00000183035	0.00	0.00
ENSG00000183036	0.00	0.00
ENSG00000183044	379.50	694.25
ENSG00000183048	75.75	79.50
ENSG00000183049	437.25	244.50
ENSG00000183054	832.75	594.00
ENSG00000183055	0.00	0.75
ENSG00000183060	140.00	128.25
ENSG00000183066	12.00	10.50
ENSG00000183067	14.50	9.75
ENSG00000183072	0.00	0.00
ENSG00000183077	255.00	295.75
ENSG00000183087	14082.00	18190.25
ENSG00000183090	4.50	0.50
ENSG00000183091	19.75	19.25

ENSG00000183092	12.50	1.75
ENSG00000183098	4372.00	3899.00
ENSG00000183111	257.25	153.25
ENSG00000183114	0.50	0.25
ENSG00000183117	10.00	15.00
ENSG00000183122	0.00	0.00
ENSG00000183128	0.00	0.50
ENSG00000183130	0.00	0.00
ENSG00000183134	23.75	30.25
ENSG00000183137	271.00	179.25
ENSG00000183145	2.50	2.00
ENSG00000183146	0.50	1.75
ENSG00000183148	1.00	0.75
ENSG00000183150	1.75	2.25
ENSG00000183153	62.75	58.25
ENSG00000183155	173.25	180.25
ENSG00000183160	4378.75	1783.75
ENSG00000183161	151.25	126.75
ENSG00000183166	1.75	2.75
ENSG00000183169	1.50	9.50
ENSG00000183171	6.50	7.75
ENSG00000183172	56.50	51.75
ENSG00000183185	0.50	0.00
ENSG00000183186	0.50	0.50
ENSG00000183196	12.75	9.00
ENSG00000183199	0.50	1.50
ENSG00000183206	20.75	16.75
ENSG00000183207	734.50	784.00
ENSG00000183208	67.25	55.25
ENSG00000183214	38.50	35.00
ENSG00000183230	4.00	0.00
ENSG00000183239	0.00	0.25
ENSG00000183246	10.00	3.50
ENSG00000183248	2.00	0.50
ENSG00000183249	0.00	0.00
ENSG00000183251	0.25	0.00
ENSG00000183255	6855.00	7902.25
ENSG00000183258	1103.50	1065.00
ENSG00000183260	54.50	47.75
ENSG00000183269	0.00	0.00
ENSG00000183273	2.75	1.00
ENSG00000183281	64.50	58.25
ENSG00000183283	3524.25	3441.25

ENSG00000183287	5792.75	7580.25
ENSG00000183291	3060.50	3464.50
ENSG00000183292	4.25	5.25
ENSG00000183298	0.75	1.50
ENSG00000183303	0.00	0.00
ENSG00000183304	1.00	0.50
ENSG00000183305	0.00	0.00
ENSG00000183307	8.75	8.25
ENSG00000183309	205.00	255.75
ENSG00000183310	0.00	0.00
ENSG00000183311	2489.50	581.75
ENSG00000183313	0.00	0.00
ENSG00000183317	3.75	2.50
ENSG00000183318	0.25	0.50
ENSG00000183323	157.75	157.25
ENSG00000183324	0.00	0.00
ENSG00000183336	124.25	115.25
ENSG00000183337	579.00	550.25
ENSG00000183340	393.75	327.50
ENSG00000183346	51.25	29.75
ENSG00000183347	1.75	2.75
ENSG00000183354	836.00	699.00
ENSG00000183378	2.50	8.50
ENSG00000183379	0.75	1.00
ENSG00000183386	420.00	456.75
ENSG00000183389	0.00	0.00
ENSG00000183395	5.25	0.25
ENSG00000183396	0.50	0.75
ENSG00000183397	50.75	68.75
ENSG00000183401	226.25	165.25
ENSG00000183421	0.25	0.00
ENSG00000183423	2.00	1.75
ENSG00000183426	1397.00	1508.00
ENSG00000183431	1325.00	1244.00
ENSG00000183432	0.00	0.00
ENSG00000183434	0.25	0.00
ENSG00000183439	28.75	29.25
ENSG00000183444	55.50	38.00
ENSG00000183454	26.50	4.75
ENSG00000183458	752.25	898.00
ENSG00000183463	0.00	0.00
ENSG00000183474	161.75	95.25
ENSG00000183475	415.75	386.50

ENSG00000183476	6.00	1.75
ENSG00000183479	25.00	19.50
ENSG00000183484	12.00	7.75
ENSG00000183486	126.75	91.75
ENSG00000183495	1505.75	1299.25
ENSG00000183496	306.75	89.25
ENSG00000183506	432.50	347.25
ENSG00000183508	167.00	28.75
ENSG00000183513	392.50	357.00
ENSG00000183514	0.00	0.00
ENSG00000183520	506.50	468.75
ENSG00000183527	324.75	282.00
ENSG00000183530	639.50	689.25
ENSG00000183542	0.00	0.00
ENSG00000183549	1.00	0.75
ENSG00000183559	0.00	0.00
ENSG00000183560	0.25	0.25
ENSG00000183566	0.00	0.00
ENSG00000183569	91.50	78.50
ENSG00000183570	95.50	227.75
ENSG00000183571	0.75	1.50
ENSG00000183574	61.75	49.50
ENSG00000183576	912.50	967.25
ENSG00000183578	513.25	608.50
ENSG00000183579	154.00	166.00
ENSG00000183580	582.25	739.00
ENSG00000183586	0.00	0.00
ENSG00000183597	499.75	461.00
ENSG00000183598	2.50	3.25
ENSG00000183604	119.75	121.75
ENSG00000183605	96.00	86.25
ENSG00000183607	0.00	0.00
ENSG00000183615	50.25	38.50
ENSG00000183617	205.50	206.50
ENSG00000183621	404.25	589.75
ENSG00000183624	343.25	362.50
ENSG00000183625	4.50	2.75
ENSG00000183628	37.50	46.00
ENSG00000183629	1.50	1.00
ENSG00000183631	0.00	0.00
ENSG00000183632	0.00	0.75
ENSG00000183638	35.50	39.00
ENSG00000183640	0.00	0.00

ENSG00000183644	10.50	25.50
ENSG00000183647	52.50	51.75
ENSG00000183648	479.25	426.75
ENSG00000183654	0.00	0.25
ENSG00000183655	119.25	168.75
ENSG00000183662	2.00	2.25
ENSG00000183663	0.00	0.00
ENSG00000183665	130.50	115.50
ENSG00000183666	212.25	136.75
ENSG00000183668	44.00	18.50
ENSG00000183671	340.25	362.75
ENSG00000183682	8.00	6.25
ENSG00000183684	422.75	401.75
ENSG00000183688	909.50	1457.50
ENSG00000183690	24.50	34.25
ENSG00000183691	3.75	10.75
ENSG00000183695	0.00	0.00
ENSG00000183696	158.50	79.50
ENSG00000183704	0.00	0.00
ENSG00000183706	0.00	0.00
ENSG00000183709	0.00	0.00
ENSG00000183715	0.50	0.50
ENSG00000183718	297.50	327.00
ENSG00000183722	2472.50	3635.00
ENSG00000183723	413.50	664.00
ENSG00000183726	2082.25	3075.75
ENSG00000183729	0.00	0.25
ENSG00000183733	0.00	0.00
ENSG00000183734	0.25	0.00
ENSG00000183735	719.50	668.00
ENSG00000183741	3966.75	3567.75
ENSG00000183742	48.25	30.00
ENSG00000183747	24.50	19.00
ENSG00000183751	524.25	521.00
ENSG00000183753	0.00	0.00
ENSG00000183760	7.00	6.00
ENSG00000183762	2779.75	1973.25
ENSG00000183763	37.00	20.25
ENSG00000183765	258.75	208.50
ENSG00000183770	1.25	0.75
ENSG00000183773	10.75	16.25
ENSG00000183775	105.75	63.00
ENSG00000183778	6.25	2.25

ENSG00000183779	1131.00	1406.00
ENSG00000183780	0.25	1.00
ENSG00000183783	0.25	0.00
ENSG00000183784	8.75	10.00
ENSG00000183785	18.75	15.00
ENSG00000183791	0.00	0.75
ENSG00000183793	36.00	30.25
ENSG00000183795	0.00	0.00
ENSG00000183798	5.00	4.00
ENSG00000183801	1930.50	863.50
ENSG00000183807	5.00	10.00
ENSG00000183808	483.25	484.00
ENSG00000183813	12.25	8.25
ENSG00000183814	56.25	34.75
ENSG00000183826	548.75	530.00
ENSG00000183828	105.00	72.50
ENSG00000183831	38.75	18.50
ENSG00000183833	12.25	12.25
ENSG00000183837	15.25	7.25
ENSG00000183840	15.50	19.25
ENSG00000183844	0.50	1.50
ENSG00000183850	6.50	4.00
ENSG00000183853	7673.25	6407.00
ENSG00000183856	44.50	31.75
ENSG00000183862	0.00	0.00
ENSG00000183864	2219.25	2500.75
ENSG00000183873	128.00	191.25
ENSG00000183876	371.50	100.25
ENSG00000183878	265.50	184.25
ENSG00000183888	7.75	7.75
ENSG00000183889	1021.50	1229.25
ENSG00000183891	62.25	79.50
ENSG00000183908	0.50	1.50
ENSG00000183909	0.00	0.00
ENSG00000183911	0.00	0.25
ENSG00000183914	15.75	17.50
ENSG00000183918	0.75	2.25
ENSG00000183921	1.50	0.50
ENSG00000183929	5.00	5.00
ENSG00000183935	264.75	187.50
ENSG00000183938	0.00	0.00
ENSG00000183943	293.75	256.25
ENSG00000183955	1422.25	916.50

ENSG00000183960	11.50	5.75
ENSG00000183963	1989.25	1157.75
ENSG00000183971	4.25	2.25
ENSG00000183977	4.75	4.25
ENSG00000183978	440.50	433.00
ENSG00000183979	3.00	1.00
ENSG00000183981	0.00	0.00
ENSG00000184005	12.75	24.25
ENSG00000184007	3887.50	4147.75
ENSG00000184009	49949.50	69204.00
ENSG00000184012	2.50	1.75
ENSG00000184014	3518.00	3624.00
ENSG00000184022	0.00	0.00
ENSG00000184029	0.00	0.00
ENSG00000184032	0.00	0.00
ENSG00000184033	0.00	0.00
ENSG00000184047	759.00	570.25
ENSG00000184055	0.00	0.00
ENSG00000184056	303.50	250.75
ENSG00000184058	6.00	7.00
ENSG00000184060	31.75	18.50
ENSG00000184076	665.50	642.25
ENSG00000184083	405.00	505.00
ENSG00000184084	0.25	0.75
ENSG00000184100	0.00	0.75
ENSG00000184106	6.00	2.50
ENSG00000184108	0.00	0.00
ENSG00000184110	8302.50	7091.75
ENSG00000184111	0.00	0.25
ENSG00000184113	1.00	0.25
ENSG00000184117	910.50	701.25
ENSG00000184139	31.25	24.25
ENSG00000184140	0.00	0.00
ENSG00000184144	0.75	0.00
ENSG00000184148	0.00	0.00
ENSG00000184154	170.00	155.50
ENSG00000184155	0.00	0.00
ENSG00000184156	5.75	31.00
ENSG00000184160	1.50	6.00
ENSG00000184162	69.50	92.00
ENSG00000184163	13.25	11.50
ENSG00000184164	858.00	730.00
ENSG00000184166	0.00	0.00

ENSG00000184178	325.00	259.00
ENSG00000184182	698.25	617.50
ENSG00000184185	32.25	54.50
ENSG00000184188	0.00	0.50
ENSG00000184194	153.50	107.25
ENSG00000184203	820.00	697.50
ENSG00000184205	1005.25	565.50
ENSG00000184206	222.25	211.50
ENSG00000184207	163.25	169.25
ENSG00000184208	1032.50	768.75
ENSG00000184209	204.00	202.50
ENSG00000184210	0.25	0.00
ENSG00000184216	2462.25	2794.50
ENSG00000184220	158.50	174.25
ENSG00000184221	0.00	0.00
ENSG00000184226	57.25	76.25
ENSG00000184227	54.00	87.50
ENSG00000184232	1357.00	1078.75
ENSG00000184254	2353.00	840.00
ENSG00000184258	58.50	55.50
ENSG00000184260	1.50	2.50
ENSG00000184261	3.00	0.50
ENSG00000184270	0.00	0.25
ENSG00000184271	302.00	259.25
ENSG00000184276	1.25	1.25
ENSG00000184277	594.25	563.50
ENSG00000184281	344.75	335.50
ENSG00000184292	21.75	27.25
ENSG00000184293	0.50	0.00
ENSG00000184302	0.00	0.00
ENSG00000184303	0.00	0.25
ENSG00000184304	640.25	926.75
ENSG00000184305	1.75	3.75
ENSG00000184307	59.00	147.25
ENSG00000184313	21.00	11.00
ENSG00000184319	932.75	677.50
ENSG00000184321	0.00	0.00
ENSG00000184330	0.00	0.00
ENSG00000184343	62.50	51.25
ENSG00000184344	0.00	0.00
ENSG00000184345	0.00	0.00
ENSG00000184347	17976.00	14510.50
ENSG00000184349	249.75	248.75

ENSG00000184350	1.00	0.25
ENSG00000184351	0.00	0.00
ENSG00000184357	0.25	0.00
ENSG00000184361	1.00	0.50
ENSG00000184363	8.25	5.25
ENSG00000184368	4.25	4.25
ENSG00000184371	2883.50	3385.25
ENSG00000184374	25.25	12.50
ENSG00000184378	84.00	81.25
ENSG00000184381	286.25	322.75
ENSG00000184384	1162.75	1108.25
ENSG00000184388	0.00	0.00
ENSG00000184389	0.25	0.00
ENSG00000184394	0.00	0.00
ENSG00000184402	240.50	201.75
ENSG00000184408	99.00	27.00
ENSG00000184414	0.50	0.75
ENSG00000184423	0.00	0.00
ENSG00000184428	275.75	255.00
ENSG00000184432	4843.75	4316.25
ENSG00000184434	6.00	5.25
ENSG00000184436	308.00	243.75
ENSG00000184445	262.75	225.00
ENSG00000184451	60.00	33.25
ENSG00000184454	9.75	7.75
ENSG00000184459	0.75	0.00
ENSG00000184465	442.50	327.00
ENSG00000184470	332.00	364.00
ENSG00000184471	0.00	0.00
ENSG00000184478	0.00	0.00
ENSG00000184481	600.75	606.50
ENSG00000184486	0.50	0.50
ENSG00000184489	22.75	14.00
ENSG00000184492	3.50	2.75
ENSG00000184494	191.50	132.00
ENSG00000184497	70.00	82.25
ENSG00000184500	1205.25	1232.00
ENSG00000184502	0.00	0.00
ENSG00000184507	0.25	0.00
ENSG00000184508	133.25	113.00
ENSG00000184515	0.00	0.25
ENSG00000184517	218.25	160.25
ENSG00000184523	0.25	0.50

ENSG00000184524	47.25	52.75
ENSG00000184530	9.75	10.00
ENSG00000184544	0.00	0.00
ENSG00000184545	7.25	3.75
ENSG00000184557	1310.00	1132.00
ENSG00000184560	0.25	0.25
ENSG00000184564	84.00	11.25
ENSG00000184571	1.00	0.25
ENSG00000184574	0.50	0.00
ENSG00000184575	4325.00	2746.00
ENSG00000184584	1102.50	1444.50
ENSG00000184588	284.50	287.00
ENSG00000184599	2.50	0.25
ENSG00000184601	0.00	0.00
ENSG00000184602	713.50	727.00
ENSG00000184611	1.75	1.00
ENSG00000184612	1.25	0.75
ENSG00000184613	0.75	0.50
ENSG00000184616	4.00	3.75
ENSG00000184617	0.25	0.75
ENSG00000184619	73.50	51.75
ENSG00000184624	0.00	0.00
ENSG00000184634	1606.50	1207.25
ENSG00000184635	53.25	41.50
ENSG00000184640	10540.25	7274.50
ENSG00000184647	0.25	0.75
ENSG00000184650	0.00	0.25
ENSG00000184659	0.00	1.50
ENSG00000184661	47.50	33.50
ENSG00000184669	0.00	0.00
ENSG00000184672	2.75	1.25
ENSG00000184675	169.75	153.00
ENSG00000184677	939.75	827.25
ENSG00000184678	205.75	168.50
ENSG00000184682	2.50	0.00
ENSG00000184697	3.50	3.50
ENSG00000184698	0.00	0.00
ENSG00000184702	475.25	336.50
ENSG00000184708	597.25	580.25
ENSG00000184709	0.00	0.00
ENSG00000184716	4.25	4.50
ENSG00000184719	175.00	164.25
ENSG00000184724	0.00	0.00

ENSG00000184730	2.50	1.25
ENSG00000184731	3.00	1.25
ENSG00000184735	0.75	0.50
ENSG00000184741	0.00	0.00
ENSG00000184743	2907.75	4254.50
ENSG00000184752	336.00	302.25
ENSG00000184761	0.00	0.00
ENSG00000184774	2.50	2.25
ENSG00000184785	239.75	340.75
ENSG00000184786	26.00	24.50
ENSG00000184787	1537.75	1561.25
ENSG00000184788	0.00	0.00
ENSG00000184789	0.00	0.00
ENSG00000184792	25.25	13.75
ENSG00000184795	0.00	0.00
ENSG00000184811	0.00	0.00
ENSG00000184814	0.00	0.00
ENSG00000184828	3.50	0.00
ENSG00000184831	79.50	65.50
ENSG00000184838	261.00	282.75
ENSG00000184840	3268.25	3094.25
ENSG00000184844	0.00	0.00
ENSG00000184845	1.50	0.75
ENSG00000184857	110.25	101.50
ENSG00000184860	18.25	11.50
ENSG00000184863	1068.00	1197.50
ENSG00000184867	1786.75	1282.25
ENSG00000184881	0.00	0.00
ENSG00000184887	712.75	758.25
ENSG00000184895	2.25	1.50
ENSG00000184897	684.25	688.25
ENSG00000184898	995.75	559.50
ENSG00000184900	1665.50	1668.75
ENSG00000184903	115.50	106.50
ENSG00000184905	6.75	4.50
ENSG00000184908	6.00	10.00
ENSG00000184911	0.00	0.00
ENSG00000184916	54.00	18.75
ENSG00000184922	594.25	424.25
ENSG00000184923	79.50	58.75
ENSG00000184924	260.50	238.50
ENSG00000184925	0.50	1.25
ENSG00000184933	0.00	0.00

ENSG00000184937	0.50	0.00
ENSG00000184939	920.00	660.25
ENSG00000184945	0.00	0.00
ENSG00000184949	94.75	58.50
ENSG00000184954	0.00	0.00
ENSG00000184956	0.00	0.00
ENSG00000184961	3.25	2.00
ENSG00000184967	163.25	174.25
ENSG00000184979	82.50	96.25
ENSG00000184983	122.25	122.00
ENSG00000184984	7.75	7.50
ENSG00000184985	37.50	107.50
ENSG00000184986	36.25	33.00
ENSG00000184988	97.00	51.25
ENSG00000184990	588.50	583.25
ENSG00000184992	124.50	134.00
ENSG00000184995	18.00	11.50
ENSG00000184999	0.00	0.00
ENSG00000185000	302.00	324.75
ENSG00000185002	0.00	0.00
ENSG00000185008	88.75	43.25
ENSG00000185009	1286.25	1258.25
ENSG00000185010	255.75	223.00
ENSG00000185013	26.75	17.50
ENSG00000185015	22.25	23.50
ENSG00000185019	256.75	221.50
ENSG00000185022	401.75	905.25
ENSG00000185024	566.50	433.50
ENSG00000185028	0.00	0.00
ENSG00000185031	1.75	0.75
ENSG00000185033	634.50	573.50
ENSG00000185037	0.00	0.00
ENSG00000185038	0.25	0.25
ENSG00000185040	13.75	10.50
ENSG00000185041	0.00	0.00
ENSG00000185043	794.00	736.50
ENSG00000185046	19.00	17.25
ENSG00000185049	429.75	376.50
ENSG00000185052	21.00	58.75
ENSG00000185053	1.25	0.00
ENSG00000185055	9.25	7.75
ENSG00000185056	0.00	0.00
ENSG00000185069	0.00	0.25

ENSG00000185070	1376.50	898.25
ENSG00000185074	0.00	0.25
ENSG00000185078	0.00	0.25
ENSG00000185085	502.00	516.50
ENSG00000185087	13.75	16.00
ENSG00000185088	3206.50	3247.75
ENSG00000185090	49.75	47.25
ENSG00000185100	191.00	121.25
ENSG00000185101	9.50	3.00
ENSG00000185104	760.75	768.75
ENSG00000185105	2.25	3.25
ENSG00000185112	366.25	773.00
ENSG00000185115	212.50	179.25
ENSG00000185122	1071.75	1337.25
ENSG00000185127	1459.25	1421.25
ENSG00000185129	1343.50	1364.25
ENSG00000185130	1.25	0.00
ENSG00000185133	4.75	3.25
ENSG00000185149	0.00	0.00
ENSG00000185155	3.75	4.00
ENSG00000185156	0.00	0.00
ENSG00000185158	246.00	197.00
ENSG00000185163	230.25	268.00
ENSG00000185164	2901.50	2644.25
ENSG00000185176	0.00	0.00
ENSG00000185177	0.00	0.00
ENSG00000185182	0.50	0.50
ENSG00000185187	168.75	184.50
ENSG00000185189	1292.25	1678.25
ENSG00000185198	0.50	0.00
ENSG00000185201	2397.25	2579.25
ENSG00000185215	1177.75	709.25
ENSG00000185219	429.25	306.00
ENSG00000185220	86.00	66.00
ENSG00000185221	0.00	0.00
ENSG00000185222	2313.50	3401.00
ENSG00000185231	1.25	0.50
ENSG00000185236	1809.75	1815.75
ENSG00000185238	233.00	220.25
ENSG00000185245	19.50	16.00
ENSG00000185246	646.00	556.25
ENSG00000185247	0.00	0.25
ENSG00000185250	61.75	48.00

ENSG00000185252	196.75	104.00
ENSG00000185261	84.50	93.75
ENSG00000185262	284.00	458.50
ENSG00000185264	0.00	0.00
ENSG00000185267	63.00	36.00
ENSG00000185269	1.75	1.25
ENSG00000185271	4.50	4.00
ENSG00000185272	0.75	0.00
ENSG00000185274	20.00	26.75
ENSG00000185275	0.00	0.00
ENSG00000185278	517.00	411.50
ENSG00000185290	3.25	1.75
ENSG00000185291	45.00	46.50
ENSG00000185294	0.00	0.00
ENSG00000185296	0.25	0.00
ENSG00000185298	387.50	473.50
ENSG00000185303	0.00	0.25
ENSG00000185304	108.25	120.75
ENSG00000185305	714.25	649.50
ENSG00000185306	12.00	2.00
ENSG00000185313	0.25	1.25
ENSG00000185319	0.00	0.00
ENSG00000185324	562.75	526.25
ENSG00000185332	5.00	10.25
ENSG00000185338	331.00	137.25
ENSG00000185339	366.50	263.25
ENSG00000185340	347.50	373.50
ENSG00000185344	470.50	490.00
ENSG00000185345	68.25	82.25
ENSG00000185347	28.75	28.25
ENSG00000185352	0.50	6.75
ENSG00000185359	1883.50	2107.25
ENSG00000185361	118.50	134.50
ENSG00000185372	0.00	0.00
ENSG00000185379	430.00	357.25
ENSG00000185385	1.25	1.25
ENSG00000185386	258.50	326.75
ENSG00000185390	0.00	0.00
ENSG00000185404	432.50	364.25
ENSG00000185414	413.00	347.25
ENSG00000185418	254.25	157.00
ENSG00000185420	316.00	246.00
ENSG00000185432	1404.50	5875.25

ENSG00000185436	0.25	2.00
ENSG00000185437	83.50	61.75
ENSG00000185442	65.50	94.00
ENSG00000185448	0.00	0.00
ENSG00000185453	338.25	304.25
ENSG00000185467	0.50	0.00
ENSG00000185475	568.25	586.50
ENSG00000185477	5.75	4.00
ENSG00000185479	0.00	0.00
ENSG00000185480	244.50	131.00
ENSG00000185482	19.00	9.00
ENSG00000185483	1178.50	1272.50
ENSG00000185485	322.50	275.75
ENSG00000185495	108.25	85.75
ENSG00000185499	320.75	483.75
ENSG00000185504	612.00	486.75
ENSG00000185507	57.50	40.75
ENSG00000185513	159.75	103.50
ENSG00000185515	424.00	450.75
ENSG00000185518	3.50	2.75
ENSG00000185519	3.00	4.75
ENSG00000185522	1.75	8.25
ENSG00000185523	2.75	2.00
ENSG00000185527	4.25	4.50
ENSG00000185532	1948.50	1233.75
ENSG00000185551	2528.75	3945.00
ENSG00000185559	1.75	3.00
ENSG00000185561	447.00	738.25
ENSG00000185565	3467.00	3481.00
ENSG00000185567	4865.00	3170.25
ENSG00000185585	2234.25	912.75
ENSG00000185591	2223.75	1977.00
ENSG00000185594	0.00	0.00
ENSG00000185596	365.50	290.00
ENSG00000185607	1.00	0.75
ENSG00000185608	460.75	469.75
ENSG00000185610	0.00	0.00
ENSG00000185614	54.25	52.50
ENSG00000185615	1.00	1.50
ENSG00000185619	1109.25	1029.75
ENSG00000185621	430.00	306.50
ENSG00000185624	19387.50	17530.75
ENSG00000185627	1275.50	1151.50

ENSG00000185630	4419.25	3479.75
ENSG00000185631	0.25	0.00
ENSG00000185633	317.50	217.75
ENSG00000185634	128.75	108.00
ENSG00000185638	0.00	0.00
ENSG00000185640	0.00	0.00
ENSG00000185641	2.25	2.50
ENSG00000185650	5300.75	3059.75
ENSG00000185651	1704.00	1741.25
ENSG00000185652	342.25	246.00
ENSG00000185658	1449.00	1425.50
ENSG00000185662	0.00	0.00
ENSG00000185664	21.25	18.50
ENSG00000185666	8.00	2.25
ENSG00000185668	0.50	0.25
ENSG00000185669	9.25	4.75
ENSG00000185670	83.50	73.00
ENSG00000185674	1.00	1.75
ENSG00000185681	1.50	1.25
ENSG00000185684	335.00	273.00
ENSG00000185686	0.00	0.00
ENSG00000185689	16.50	11.50
ENSG00000185697	106.50	54.00
ENSG00000185701	0.00	0.00
ENSG00000185710	62.75	36.75
ENSG00000185716	384.25	571.00
ENSG00000185721	643.00	682.00
ENSG00000185722	2413.50	2208.00
ENSG00000185728	2457.00	2141.25
ENSG00000185730	111.25	91.25
ENSG00000185736	2.75	1.75
ENSG00000185737	0.25	0.00
ENSG00000185739	8.75	2.75
ENSG00000185742	9.25	8.00
ENSG00000185745	451.75	124.75
ENSG00000185753	264.00	239.25
ENSG00000185758	0.25	0.00
ENSG00000185760	45.75	28.75
ENSG00000185761	433.50	417.75
ENSG00000185774	19.75	15.50
ENSG00000185775	0.00	0.00
ENSG00000185787	7992.75	7743.50
ENSG00000185792	0.50	0.25

ENSG00000185798	93.25	99.75
ENSG00000185800	784.75	832.25
ENSG00000185803	531.00	679.50
ENSG00000185808	222.75	204.25
ENSG00000185811	0.00	0.00
ENSG00000185813	375.50	699.75
ENSG00000185818	2.50	2.25
ENSG00000185821	0.00	0.00
ENSG00000185823	5.00	5.75
ENSG00000185825	1983.25	2129.25
ENSG00000185829	159.75	170.75
ENSG00000185834	1.50	2.75
ENSG00000185838	78.75	83.00
ENSG00000185839	1.25	0.00
ENSG00000185842	78.25	67.75
ENSG00000185860	3.25	7.50
ENSG00000185862	33.75	19.25
ENSG00000185863	0.25	0.75
ENSG00000185864	204.00	192.25
ENSG00000185869	124.75	109.75
ENSG00000185873	2.50	1.00
ENSG00000185875	92.50	51.50
ENSG00000185880	213.25	169.50
ENSG00000185883	1592.75	1688.50
ENSG00000185885	730.00	592.50
ENSG00000185888	0.00	0.00
ENSG00000185894	0.00	0.00
ENSG00000185896	11843.50	10775.50
ENSG00000185897	0.00	0.00
ENSG00000185899	0.00	0.00
ENSG00000185900	48.75	44.25
ENSG00000185903	0.00	0.00
ENSG00000185905	2.75	3.00
ENSG00000185909	490.50	471.50
ENSG00000185915	0.25	0.75
ENSG00000185917	344.25	249.25
ENSG00000185920	1154.00	1106.25
ENSG00000185924	1.50	1.25
ENSG00000185926	0.00	0.00
ENSG00000185933	4.00	5.00
ENSG00000185940	0.00	0.00
ENSG00000185942	0.25	0.00
ENSG00000185946	486.50	450.25

ENSG00000185947	139.50	128.50
ENSG00000185950	881.00	3570.50
ENSG00000185955	6.00	5.50
ENSG00000185958	4.25	5.50
ENSG00000185960	6.75	6.25
ENSG00000185962	0.00	0.00
ENSG00000185963	1026.00	1073.00
ENSG00000185966	0.00	0.00
ENSG00000185972	21.25	7.50
ENSG00000185973	300.25	206.75
ENSG00000185974	0.00	0.00
ENSG00000185982	0.00	0.00
ENSG00000185985	3.00	2.75
ENSG00000185986	80.75	67.00
ENSG00000185988	2.25	3.25
ENSG00000185989	566.75	603.25
ENSG00000186001	1623.50	1279.00
ENSG00000186007	0.50	0.00
ENSG00000186008	0.00	0.50
ENSG00000186009	0.25	0.00
ENSG00000186010	1450.75	1303.75
ENSG00000186017	184.00	147.00
ENSG00000186020	289.00	225.75
ENSG00000186026	115.25	109.75
ENSG00000186038	0.00	0.00
ENSG00000186047	0.25	0.25
ENSG00000186049	0.00	0.00
ENSG00000186051	1.00	0.25
ENSG00000186063	3596.50	4246.25
ENSG00000186073	414.00	259.75
ENSG00000186074	0.00	0.00
ENSG00000186075	3.50	3.75
ENSG00000186076	0.00	8.75
ENSG00000186081	0.25	0.00
ENSG00000186082	0.25	0.25
ENSG00000186086	0.00	0.75
ENSG00000186088	139.50	190.75
ENSG00000186090	0.00	0.00
ENSG00000186092	0.00	0.00
ENSG00000186094	3.25	2.25
ENSG00000186103	0.75	1.00
ENSG00000186104	178.50	135.25
ENSG00000186105	2.00	4.00

ENSG00000186106	122.00	110.25
ENSG00000186111	2466.75	2365.00
ENSG00000186113	0.00	0.00
ENSG00000186115	0.00	1.00
ENSG00000186117	0.00	0.00
ENSG00000186118	1.25	0.50
ENSG00000186119	0.00	0.00
ENSG00000186124	0.00	0.00
ENSG00000186130	252.25	243.75
ENSG00000186132	85.75	78.75
ENSG00000186136	0.25	0.00
ENSG00000186141	670.25	647.75
ENSG00000186143	0.00	0.00
ENSG00000186146	0.00	0.00
ENSG00000186150	1.00	2.25
ENSG00000186152	0.00	0.00
ENSG00000186153	225.00	179.00
ENSG00000186160	0.00	0.00
ENSG00000186162	196.50	170.25
ENSG00000186163	0.00	0.00
ENSG00000186166	92.00	75.75
ENSG00000186174	3118.75	3301.00
ENSG00000186184	932.75	892.00
ENSG00000186185	20.50	16.75
ENSG00000186187	696.25	621.25
ENSG00000186188	5.50	5.50
ENSG00000186190	0.00	0.00
ENSG00000186191	0.25	0.25
ENSG00000186193	5.00	6.25
ENSG00000186197	0.50	0.25
ENSG00000186198	67.50	20.50
ENSG00000186204	0.75	0.25
ENSG00000186205	119.25	75.75
ENSG00000186207	0.25	0.00
ENSG00000186212	3.25	2.75
ENSG00000186222	186.00	170.00
ENSG00000186223	0.00	0.00
ENSG00000186226	0.25	0.00
ENSG00000186230	52.50	47.25
ENSG00000186231	0.00	0.50
ENSG00000186232	0.00	0.00
ENSG00000186234	5.00	2.00
ENSG00000186244	0.00	0.00

ENSG00000186260	898.50	560.25
ENSG00000186265	2.50	0.50
ENSG00000186268	0.00	0.00
ENSG00000186272	109.50	95.50
ENSG00000186280	21.25	14.25
ENSG00000186281	90.75	111.00
ENSG00000186283	610.25	636.00
ENSG00000186288	5.00	2.25
ENSG00000186297	0.75	2.00
ENSG00000186298	2076.75	1992.25
ENSG00000186300	155.50	147.25
ENSG00000186301	35.75	40.00
ENSG00000186306	0.00	0.00
ENSG00000186310	116.25	51.75
ENSG00000186312	136.25	119.00
ENSG00000186314	31.25	52.75
ENSG00000186318	4033.25	3578.00
ENSG00000186326	3.75	1.25
ENSG00000186328	0.00	0.00
ENSG00000186329	74.25	70.00
ENSG00000186334	3.25	4.25
ENSG00000186335	9.00	7.25
ENSG00000186340	18117.00	11348.75
ENSG00000186350	1821.50	1877.75
ENSG00000186352	106.00	128.00
ENSG00000186354	40.75	31.50
ENSG00000186364	76.25	37.75
ENSG00000186367	3.25	2.50
ENSG00000186376	428.00	386.50
ENSG00000186377	37.75	18.25
ENSG00000186393	0.75	0.00
ENSG00000186395	188.50	215.25
ENSG00000186399	111.25	75.50
ENSG00000186400	0.00	0.00
ENSG00000186407	2.75	1.50
ENSG00000186409	97.50	78.50
ENSG00000186416	143.50	157.75
ENSG00000186417	1139.00	765.50
ENSG00000186431	0.25	0.00
ENSG00000186432	2192.75	1763.00
ENSG00000186439	0.00	0.00
ENSG00000186440	0.00	0.00
ENSG00000186442	0.00	0.00

ENSG00000186446	44.75	36.00
ENSG00000186448	292.75	217.50
ENSG00000186451	1.00	0.25
ENSG00000186452	1.75	2.50
ENSG00000186453	4.25	3.25
ENSG00000186458	0.00	0.00
ENSG00000186462	42.50	78.25
ENSG00000186466	0.50	0.00
ENSG00000186468	12632.00	11163.25
ENSG00000186469	599.75	245.00
ENSG00000186470	666.50	443.25
ENSG00000186471	0.00	0.75
ENSG00000186472	2.25	0.50
ENSG00000186474	0.00	0.00
ENSG00000186479	2.25	1.50
ENSG00000186480	406.75	178.75
ENSG00000186481	6.25	3.75
ENSG00000186487	4.75	3.75
ENSG00000186493	105.00	121.00
ENSG00000186496	91.75	77.75
ENSG00000186501	698.75	677.50
ENSG00000186508	0.00	0.00
ENSG00000186509	0.00	0.25
ENSG00000186510	5.50	7.00
ENSG00000186513	0.00	0.00
ENSG00000186517	7.00	5.00
ENSG00000186522	2870.00	2588.75
ENSG00000186523	166.00	115.50
ENSG00000186526	5.50	6.25
ENSG00000186529	10.50	10.50
ENSG00000186532	278.75	233.75
ENSG00000186543	0.50	0.00
ENSG00000186562	0.00	0.00
ENSG00000186564	18.25	17.75
ENSG00000186566	1645.25	1438.00
ENSG00000186567	433.50	404.25
ENSG00000186572	0.00	0.00
ENSG00000186575	1904.50	3185.75
ENSG00000186577	346.50	314.75
ENSG00000186579	0.00	0.00
ENSG00000186583	0.00	0.00
ENSG00000186591	6548.50	6326.25
ENSG00000186599	0.00	0.00

ENSG00000186603	4.00	5.00
ENSG00000186625	409.50	378.75
ENSG00000186628	45.25	42.75
ENSG00000186635	3480.25	2491.50
ENSG00000186638	27.50	22.50
ENSG00000186642	4.25	2.50
ENSG00000186645	4.25	3.50
ENSG00000186648	2.50	4.75
ENSG00000186652	2.25	0.00
ENSG00000186654	416.25	327.25
ENSG00000186660	2586.00	2288.25
ENSG00000186665	342.25	189.75
ENSG00000186666	169.00	126.00
ENSG00000186675	0.25	0.00
ENSG00000186676	6.25	6.25
ENSG00000186678	0.00	0.00
ENSG00000186684	13.50	8.00
ENSG00000186687	449.00	378.50
ENSG00000186704	25.00	25.75
ENSG00000186710	0.50	0.50
ENSG00000186714	19.25	11.50
ENSG00000186715	35.00	26.75
ENSG00000186716	866.50	863.50
ENSG00000186723	0.00	0.00
ENSG00000186732	0.00	0.00
ENSG00000186743	0.00	0.25
ENSG00000186765	20.50	27.00
ENSG00000186766	0.00	0.00
ENSG00000186767	80.00	63.50
ENSG00000186777	2.00	2.00
ENSG00000186787	97.00	101.25
ENSG00000186788	0.00	0.00
ENSG00000186790	0.25	0.50
ENSG00000186792	47.50	52.25
ENSG00000186795	0.00	0.00
ENSG00000186803	0.00	0.00
ENSG00000186806	28.00	23.50
ENSG00000186810	0.00	0.00
ENSG00000186812	673.25	531.25
ENSG00000186814	610.50	452.75
ENSG00000186815	1704.50	2095.25
ENSG00000186818	0.00	0.00
ENSG00000186827	2.25	0.75

ENSG00000186831	0.25	0.25
ENSG00000186832	0.00	0.00
ENSG00000186834	1152.75	1198.25
ENSG00000186838	1.75	0.00
ENSG00000186844	0.00	0.00
ENSG00000186847	0.25	0.00
ENSG00000186854	160.75	105.25
ENSG00000186860	0.00	0.00
ENSG00000186862	32.50	37.25
ENSG00000186866	1858.50	1657.75
ENSG00000186867	0.00	0.00
ENSG00000186868	25.00	15.00
ENSG00000186871	7.75	5.50
ENSG00000186881	0.00	0.00
ENSG00000186886	0.00	0.00
ENSG00000186889	97.50	73.00
ENSG00000186891	1.25	1.50
ENSG00000186895	0.00	0.00
ENSG00000186897	1.00	1.50
ENSG00000186907	106.25	44.75
ENSG00000186908	1002.75	794.75
ENSG00000186910	0.00	0.00
ENSG00000186912	0.75	1.00
ENSG00000186918	2434.50	3877.75
ENSG00000186919	1.75	8.00
ENSG00000186924	0.00	0.00
ENSG00000186925	0.00	0.00
ENSG00000186930	0.00	0.00
ENSG00000186940	0.25	0.00
ENSG00000186943	0.00	0.00
ENSG00000186951	895.50	933.25
ENSG00000186952	78.50	39.25
ENSG00000186965	0.00	0.00
ENSG00000186967	0.00	0.00
ENSG00000186970	0.00	0.00
ENSG00000186971	0.00	0.00
ENSG00000186973	1.25	1.50
ENSG00000186976	99.00	61.50
ENSG00000186977	0.00	0.00
ENSG00000186980	0.00	0.00
ENSG00000186994	21.25	11.50
ENSG00000186998	8.00	2.25
ENSG00000187003	0.00	0.00

ENSG00000187005	0.50	0.00
ENSG00000187010	23.00	16.25
ENSG00000187017	1.00	0.25
ENSG00000187021	2.50	0.75
ENSG00000187024	102.25	103.00
ENSG00000187026	0.00	0.00
ENSG00000187033	0.75	0.25
ENSG00000187037	3.00	2.00
ENSG00000187045	2.50	2.25
ENSG00000187048	2.50	2.50
ENSG00000187049	193.00	153.50
ENSG00000187051	627.75	711.00
ENSG00000187054	0.00	0.25
ENSG00000187066	42.50	34.25
ENSG00000187068	14.00	13.25
ENSG00000187079	6809.50	10735.25
ENSG00000187080	0.00	0.00
ENSG00000187082	0.00	0.00
ENSG00000187091	642.25	690.00
ENSG00000187094	15.50	34.25
ENSG00000187097	385.25	426.75
ENSG00000187098	1375.25	1407.25
ENSG00000187103	0.00	0.25
ENSG00000187105	11.75	8.25
ENSG00000187109	10850.25	12970.75
ENSG00000187116	0.25	0.00
ENSG00000187118	167.00	201.75
ENSG00000187122	8.50	4.25
ENSG00000187123	8.75	6.50
ENSG00000187134	9333.75	16017.75
ENSG00000187135	0.00	0.00
ENSG00000187140	0.25	0.00
ENSG00000187144	3.50	2.75
ENSG00000187147	1116.75	1141.50
ENSG00000187151	11.00	29.50
ENSG00000187164	184.00	165.50
ENSG00000187166	0.25	0.50
ENSG00000187170	0.25	0.00
ENSG00000187172	2.75	1.25
ENSG00000187173	3.50	2.50
ENSG00000187175	0.00	0.00
ENSG00000187180	1.00	0.25
ENSG00000187186	57.00	44.00

ENSG00000187187	70.50	52.50
ENSG00000187189	605.75	405.25
ENSG00000187191	0.00	0.00
ENSG00000187193	40.25	336.75
ENSG00000187210	1431.75	2025.25
ENSG00000187223	0.00	0.00
ENSG00000187231	1532.75	1192.00
ENSG00000187238	0.00	0.00
ENSG00000187239	1467.25	2257.00
ENSG00000187240	1971.00	1884.00
ENSG00000187242	0.00	0.00
ENSG00000187243	712.75	587.75
ENSG00000187244	662.25	481.00
ENSG00000187257	437.25	387.00
ENSG00000187258	0.00	0.00
ENSG00000187260	10.25	10.75
ENSG00000187266	159.50	121.25
ENSG00000187268	11.25	3.25
ENSG00000187272	0.00	0.00
ENSG00000187288	3.50	33.00
ENSG00000187323	7.25	8.00
ENSG00000187325	471.75	395.75
ENSG00000187372	103.75	73.75
ENSG00000187391	571.25	486.50
ENSG00000187398	3.75	2.00
ENSG00000187416	0.00	0.25
ENSG00000187446	2225.75	2653.25
ENSG00000187472	0.00	0.00
ENSG00000187474	0.50	0.00
ENSG00000187475	0.25	0.00
ENSG00000187479	38.50	69.75
ENSG00000187481	0.00	0.00
ENSG00000187483	0.00	0.00
ENSG00000187486	1.50	0.50
ENSG00000187492	9.00	16.00
ENSG00000187498	1400.50	3488.00
ENSG00000187504	0.25	0.00
ENSG00000187510	0.25	0.25
ENSG00000187513	0.00	0.50
ENSG00000187514	9277.75	8443.00
ENSG00000187516	0.00	0.00
ENSG00000187522	445.75	417.25
ENSG00000187527	0.00	0.25

ENSG00000187531	216.75	221.00
ENSG00000187533	1.25	1.25
ENSG00000187534	0.25	0.00
ENSG00000187535	878.25	803.50
ENSG00000187536	0.00	0.00
ENSG00000187537	0.00	0.00
ENSG00000187545	0.00	0.00
ENSG00000187546	4.00	1.00
ENSG00000187550	0.25	0.00
ENSG00000187553	3.75	3.25
ENSG00000187554	5.75	5.50
ENSG00000187555	1807.25	1773.75
ENSG00000187556	7.50	4.75
ENSG00000187559	0.25	0.00
ENSG00000187566	27.50	21.75
ENSG00000187569	0.00	0.25
ENSG00000187581	0.00	0.00
ENSG00000187583	13.25	12.25
ENSG00000187589	0.00	0.00
ENSG00000187595	7.75	4.00
ENSG00000187600	0.25	0.00
ENSG00000187601	456.75	347.25
ENSG00000187605	291.50	218.25
ENSG00000187607	310.00	260.25
ENSG00000187608	218.00	182.75
ENSG00000187609	177.75	186.50
ENSG00000187612	0.00	0.00
ENSG00000187616	0.00	0.00
ENSG00000187624	85.25	60.00
ENSG00000187626	148.50	108.00
ENSG00000187627	68.75	91.25
ENSG00000187630	273.75	264.00
ENSG00000187634	137.75	40.25
ENSG00000187642	4.75	3.25
ENSG00000187650	97.25	80.00
ENSG00000187653	2.75	2.50
ENSG00000187657	0.00	0.00
ENSG00000187658	0.00	0.00
ENSG00000187664	13.50	12.00
ENSG00000187672	1.75	1.50
ENSG00000187676	259.75	286.75
ENSG00000187678	112.50	140.75
ENSG00000187682	0.50	0.25

ENSG00000187686	3.00	3.00
ENSG00000187688	419.75	391.25
ENSG00000187689	0.00	0.00
ENSG00000187690	0.00	0.00
ENSG00000187695	1.00	1.25
ENSG00000187699	86.50	61.75
ENSG00000187701	0.00	0.00
ENSG00000187713	556.75	522.50
ENSG00000187714	0.00	0.00
ENSG00000187715	2.50	3.00
ENSG00000187720	4132.50	2321.00
ENSG00000187721	0.00	0.00
ENSG00000187726	6.00	9.25
ENSG00000187730	0.00	0.00
ENSG00000187733	0.00	0.00
ENSG00000187735	2874.50	2076.75
ENSG00000187736	218.00	212.25
ENSG00000187741	93.50	57.25
ENSG00000187742	691.00	595.00
ENSG00000187747	0.25	0.25
ENSG00000187753	2.25	0.50
ENSG00000187754	1.25	0.50
ENSG00000187758	176.75	331.25
ENSG00000187762	0.25	0.50
ENSG00000187763	0.00	0.00
ENSG00000187764	235.75	184.00
ENSG00000187766	0.00	0.00
ENSG00000187772	0.50	0.00
ENSG00000187773	0.00	0.25
ENSG00000187775	58.00	49.50
ENSG00000187778	769.25	782.50
ENSG00000187783	0.00	0.50
ENSG00000187790	173.50	120.00
ENSG00000187791	1.25	0.75
ENSG00000187792	183.50	125.25
ENSG00000187796	27.75	30.50
ENSG00000187800	126.75	139.50
ENSG00000187801	34.25	16.00
ENSG00000187806	0.00	0.00
ENSG00000187808	8.25	13.75
ENSG00000187812	0.00	0.00
ENSG00000187815	67.75	66.25
ENSG00000187821	0.00	0.00

ENSG00000187823	0.00	0.00
ENSG00000187824	168.25	151.50
ENSG00000187833	0.00	0.00
ENSG00000187837	211.75	223.75
ENSG00000187838	1524.00	1205.75
ENSG00000187840	342.00	257.00
ENSG00000187847	0.00	0.00
ENSG00000187848	3.75	0.75
ENSG00000187855	0.00	0.00
ENSG00000187857	0.00	0.00
ENSG00000187860	56.75	40.00
ENSG00000187862	0.00	0.00
ENSG00000187866	470.75	338.50
ENSG00000187867	6.50	4.50
ENSG00000187870	0.25	0.00
ENSG00000187871	0.75	0.50
ENSG00000187889	14.75	9.75
ENSG00000187893	1.00	1.00
ENSG00000187900	0.00	0.00
ENSG00000187902	1.75	1.00
ENSG00000187905	19.00	10.25
ENSG00000187908	0.50	0.75
ENSG00000187912	3.00	3.00
ENSG00000187918	0.00	0.00
ENSG00000187922	0.25	0.25
ENSG00000187942	31.50	24.75
ENSG00000187944	3.75	0.50
ENSG00000187950	10.50	19.25
ENSG00000187951	134.50	135.50
ENSG00000187952	4.00	1.25
ENSG00000187953	196.50	186.00
ENSG00000187954	1046.75	1040.25
ENSG00000187955	8649.50	4286.25
ENSG00000187957	5.00	14.25
ENSG00000187959	0.50	0.00
ENSG00000187961	214.75	201.75
ENSG00000187969	0.00	0.00
ENSG00000187980	5.75	6.50
ENSG00000187984	7.00	6.50
ENSG00000187987	81.25	38.75
ENSG00000187988	0.00	0.00
ENSG00000187994	26.00	28.50
ENSG00000187997	4.50	2.25

ENSG00000187999	0.00	0.25
ENSG00000188000	9.75	13.75
ENSG00000188001	7.50	11.75
ENSG00000188002	153.25	130.25
ENSG00000188004	56.50	32.50
ENSG00000188010	186.50	188.50
ENSG00000188011	0.00	0.00
ENSG00000188013	17.00	18.00
ENSG00000188015	125.50	65.25
ENSG00000188021	1292.75	1095.50
ENSG00000188026	510.25	463.50
ENSG00000188029	0.00	0.00
ENSG00000188032	2.00	1.00
ENSG00000188033	57.00	71.00
ENSG00000188037	0.25	0.00
ENSG00000188038	3.50	1.50
ENSG00000188039	4.25	5.00
ENSG00000188042	1686.25	909.00
ENSG00000188050	0.00	0.50
ENSG00000188051	10.50	7.50
ENSG00000188056	1.00	0.00
ENSG00000188060	76.75	56.25
ENSG00000188064	0.75	1.00
ENSG00000188069	0.00	0.00
ENSG00000188070	1423.50	872.00
ENSG00000188076	0.00	0.00
ENSG00000188078	0.00	0.00
ENSG00000188086	0.00	0.00
ENSG00000188089	1.50	1.75
ENSG00000188092	217.75	210.00
ENSG00000188095	6.50	5.00
ENSG00000188100	0.25	0.00
ENSG00000188101	0.00	0.00
ENSG00000188107	24.50	29.00
ENSG00000188112	286.25	395.50
ENSG00000188120	0.00	0.00
ENSG00000188124	1.00	0.50
ENSG00000188130	481.25	519.50
ENSG00000188133	0.00	0.00
ENSG00000188152	9.50	7.50
ENSG00000188153	597.50	300.75
ENSG00000188155	0.00	0.00
ENSG00000188157	2331.75	1952.50

ENSG00000188158	542.00	464.00
ENSG00000188162	0.75	0.00
ENSG00000188163	2.50	1.25
ENSG00000188167	20.25	20.50
ENSG00000188171	187.25	151.75
ENSG00000188175	0.00	0.25
ENSG00000188176	106.75	11.75
ENSG00000188177	415.75	382.75
ENSG00000188186	664.50	682.00
ENSG00000188191	442.00	379.75
ENSG00000188199	45.00	55.00
ENSG00000188211	95.75	83.50
ENSG00000188215	480.25	695.50
ENSG00000188219	0.00	0.00
ENSG00000188223	89.00	77.50
ENSG00000188227	110.75	69.50
ENSG00000188229	2367.75	2054.00
ENSG00000188234	167.75	130.00
ENSG00000188243	1028.25	1115.75
ENSG00000188257	71.50	107.75
ENSG00000188263	0.25	0.25
ENSG00000188266	73.25	64.75
ENSG00000188269	3.25	1.00
ENSG00000188277	40.50	42.50
ENSG00000188282	0.00	0.00
ENSG00000188283	277.75	208.25
ENSG00000188290	7.50	16.25
ENSG00000188293	0.00	0.00
ENSG00000188295	85.00	66.75
ENSG00000188305	2.50	2.50
ENSG00000188306	0.25	0.25
ENSG00000188312	215.75	57.75
ENSG00000188313	1025.50	992.50
ENSG00000188314	0.00	0.00
ENSG00000188315	181.75	206.75
ENSG00000188316	30.75	18.75
ENSG00000188321	231.50	186.25
ENSG00000188322	20.00	8.50
ENSG00000188324	0.00	0.00
ENSG00000188334	0.00	0.00
ENSG00000188338	3.25	1.75
ENSG00000188340	0.00	0.00
ENSG00000188342	369.75	261.75

ENSG00000188343	1018.75	1065.50
ENSG00000188352	920.00	718.25
ENSG00000188368	20.25	10.50
ENSG00000188372	59.00	60.00
ENSG00000188373	0.00	0.00
ENSG00000188375	0.25	1.00
ENSG00000188379	0.00	0.00
ENSG00000188383	0.00	0.00
ENSG00000188385	21.75	8.00
ENSG00000188386	0.25	0.00
ENSG00000188388	10.00	8.00
ENSG00000188389	0.00	0.00
ENSG00000188393	0.00	0.00
ENSG00000188394	0.25	0.75
ENSG00000188396	5.50	4.00
ENSG00000188399	0.00	0.00
ENSG00000188403	0.00	0.00
ENSG00000188404	4.75	6.50
ENSG00000188408	0.00	0.00
ENSG00000188419	741.00	669.25
ENSG00000188425	0.00	0.00
ENSG00000188428	354.25	198.50
ENSG00000188438	0.00	0.00
ENSG00000188439	0.00	0.00
ENSG00000188451	0.25	0.00
ENSG00000188452	472.25	642.50
ENSG00000188459	0.50	0.50
ENSG00000188460	0.75	0.25
ENSG00000188467	0.25	0.50
ENSG00000188483	787.75	458.75
ENSG00000188486	227.25	228.25
ENSG00000188487	3.50	4.75
ENSG00000188488	5.75	8.50
ENSG00000188493	262.25	217.75
ENSG00000188501	46.75	5.50
ENSG00000188505	9.25	7.75
ENSG00000188508	0.75	0.75
ENSG00000188512	0.00	0.00
ENSG00000188517	7.50	11.75
ENSG00000188522	262.50	266.50
ENSG00000188523	0.50	0.50
ENSG00000188529	1591.00	1559.00
ENSG00000188536	0.00	0.50

ENSG00000188542	65.50	52.50
ENSG00000188549	1109.00	1154.75
ENSG00000188554	5683.50	5595.25
ENSG00000188558	0.00	0.00
ENSG00000188559	322.25	272.50
ENSG00000188566	229.50	263.25
ENSG00000188573	17.00	5.75
ENSG00000188580	4.00	9.25
ENSG00000188581	0.00	0.25
ENSG00000188582	3.00	0.50
ENSG00000188596	127.50	106.75
ENSG00000188599	155.25	189.25
ENSG00000188603	543.50	610.25
ENSG00000188610	37.50	20.25
ENSG00000188611	63.75	72.00
ENSG00000188612	3110.75	2429.50
ENSG00000188613	33.00	65.00
ENSG00000188620	0.00	0.00
ENSG00000188624	0.50	0.25
ENSG00000188626	17.00	10.50
ENSG00000188629	35.25	31.25
ENSG00000188636	1151.25	940.50
ENSG00000188641	2513.25	2516.25
ENSG00000188643	1205.50	1095.25
ENSG00000188646	0.00	0.00
ENSG00000188647	1573.50	1696.00
ENSG00000188649	7.25	4.25
ENSG00000188655	0.00	0.00
ENSG00000188656	0.00	0.00
ENSG00000188659	27.75	19.25
ENSG00000188662	0.50	0.25
ENSG00000188668	0.00	0.00
ENSG00000188672	12.25	8.25
ENSG00000188674	3.00	2.75
ENSG00000188676	4.50	5.00
ENSG00000188677	566.25	519.00
ENSG00000188681	158.75	164.75
ENSG00000188687	36.00	38.00
ENSG00000188690	927.00	824.00
ENSG00000188691	0.00	0.00
ENSG00000188694	0.00	0.00
ENSG00000188706	1277.75	1922.00
ENSG00000188707	7.50	3.25

ENSG00000188710	8.00	7.00
ENSG00000188712	0.00	0.00
ENSG00000188716	0.00	0.00
ENSG00000188725	960.00	849.75
ENSG00000188729	5.75	3.00
ENSG00000188730	2.50	0.25
ENSG00000188732	48.75	56.75
ENSG00000188735	523.75	482.50
ENSG00000188738	202.75	146.50
ENSG00000188739	507.75	463.75
ENSG00000188747	25.75	22.25
ENSG00000188755	0.25	0.25
ENSG00000188760	126.25	132.00
ENSG00000188761	8.25	10.50
ENSG00000188763	8.75	7.50
ENSG00000188765	1.00	0.75
ENSG00000188766	88.25	77.50
ENSG00000188770	2.50	1.25
ENSG00000188771	0.75	0.00
ENSG00000188778	1.50	2.00
ENSG00000188779	4.75	8.25
ENSG00000188782	0.00	0.00
ENSG00000188783	14609.75	13440.25
ENSG00000188784	0.00	0.00
ENSG00000188785	243.25	211.50
ENSG00000188786	530.00	690.50
ENSG00000188800	0.50	0.00
ENSG00000188801	0.00	0.00
ENSG00000188803	0.00	0.00
ENSG00000188807	140.00	124.00
ENSG00000188811	680.50	741.25
ENSG00000188816	0.25	0.00
ENSG00000188817	5.25	1.50
ENSG00000188818	33.75	37.00
ENSG00000188820	8.50	4.25
ENSG00000188822	4.50	4.25
ENSG00000188827	342.50	222.50
ENSG00000188828	0.25	0.50
ENSG00000188831	0.25	0.00
ENSG00000188833	2.00	0.25
ENSG00000188846	10220.00	9091.25
ENSG00000188848	1.00	0.25
ENSG00000188850	0.25	0.25

ENSG00000188856	0.25	0.75
ENSG00000188859	6.50	8.25
ENSG00000188868	59.00	35.00
ENSG00000188869	41.00	18.50
ENSG00000188873	0.25	1.00
ENSG00000188877	0.00	0.00
ENSG00000188878	222.50	137.00
ENSG00000188883	0.25	0.00
ENSG00000188886	0.00	0.00
ENSG00000188895	2503.50	2303.75
ENSG00000188897	20.75	20.75
ENSG00000188906	914.00	1140.25
ENSG00000188909	0.00	0.00
ENSG00000188910	0.00	0.25
ENSG00000188916	18.00	80.75
ENSG00000188917	243.50	173.50
ENSG00000188921	765.75	882.00
ENSG00000188931	0.00	2.75
ENSG00000188933	678.00	677.25
ENSG00000188937	0.00	0.00
ENSG00000188938	694.00	610.25
ENSG00000188958	54.00	48.25
ENSG00000188959	1.50	2.50
ENSG00000188976	1102.50	1133.00
ENSG00000188981	5.50	6.00
ENSG00000188984	0.75	0.25
ENSG00000188985	7.75	2.25
ENSG00000188986	1244.00	1334.50
ENSG00000188991	0.25	0.00
ENSG00000188992	1.50	1.00
ENSG00000188993	30.50	37.00
ENSG00000188994	1324.25	1093.00
ENSG00000188996	0.00	0.25
ENSG00000188997	556.75	519.25
ENSG00000189001	341.00	250.75
ENSG00000189002	0.00	0.00
ENSG00000189007	259.00	107.75
ENSG00000189013	0.00	0.00
ENSG00000189014	10.50	9.00
ENSG00000189023	0.00	0.00
ENSG00000189030	0.00	0.00
ENSG00000189037	0.00	0.00
ENSG00000189042	137.75	115.50

ENSG00000189043	1639.50	1753.25
ENSG00000189045	13.50	13.25
ENSG00000189046	153.50	128.00
ENSG00000189050	202.00	176.50
ENSG00000189051	3.50	1.75
ENSG00000189052	0.00	0.00
ENSG00000189056	121.25	90.25
ENSG00000189057	27.25	19.00
ENSG00000189058	324.00	589.50
ENSG00000189060	2215.75	2076.25
ENSG00000189064	0.00	0.00
ENSG00000189067	6650.75	4729.00
ENSG00000189068	0.00	0.00
ENSG00000189077	406.25	484.75
ENSG00000189079	763.50	569.00
ENSG00000189089	1.00	0.75
ENSG00000189090	0.00	0.25
ENSG00000189091	2969.25	2472.25
ENSG00000189099	0.00	0.00
ENSG00000189108	1.00	0.25
ENSG00000189114	240.00	201.75
ENSG00000189120	3.50	2.00
ENSG00000189127	0.00	0.00
ENSG00000189129	582.00	488.00
ENSG00000189132	0.00	0.00
ENSG00000189134	22.25	19.75
ENSG00000189136	146.00	123.00
ENSG00000189139	0.00	0.00
ENSG00000189143	26.00	25.50
ENSG00000189144	70.75	45.00
ENSG00000189145	0.00	0.00
ENSG00000189152	1.50	3.25
ENSG00000189157	57.25	32.00
ENSG00000189159	486.00	504.25
ENSG00000189164	131.50	99.50
ENSG00000189166	0.25	0.50
ENSG00000189167	0.25	0.00
ENSG00000189169	0.00	0.00
ENSG00000189171	1923.25	1868.00
ENSG00000189180	642.75	531.00
ENSG00000189181	0.00	0.00
ENSG00000189182	0.00	0.00
ENSG00000189184	9042.25	4453.75

ENSG00000189186	0.00	0.00
ENSG00000189190	111.75	103.00
ENSG00000189195	34.00	31.25
ENSG00000189212	45.75	31.00
ENSG00000189221	467.25	4267.00
ENSG00000189227	136.75	174.00
ENSG00000189233	15.75	10.75
ENSG00000189241	2149.25	1628.50
ENSG00000189252	0.00	0.00
ENSG00000189253	0.00	1.25
ENSG00000189266	1566.00	2086.25
ENSG00000189269	5.50	2.50
ENSG00000189280	1.00	0.50
ENSG00000189283	42.00	25.25
ENSG00000189292	2.50	7.00
ENSG00000189298	186.00	119.25
ENSG00000189299	0.00	0.00
ENSG00000189306	740.00	659.25
ENSG00000189308	396.00	324.75
ENSG00000189319	445.00	314.00
ENSG00000189320	1026.00	1624.75
ENSG00000189325	0.00	0.00
ENSG00000189326	0.00	0.00
ENSG00000189332	94.00	102.50
ENSG00000189334	2.75	2.00
ENSG00000189337	842.00	703.25
ENSG00000189339	3799.00	2483.50
ENSG00000189343	48.50	44.50
ENSG00000189348	0.00	0.75
ENSG00000189350	35.00	67.25
ENSG00000189357	0.00	0.00
ENSG00000189362	161.25	175.50
ENSG00000189366	0.50	3.25
ENSG00000189367	161.25	333.00
ENSG00000189369	355.25	298.00
ENSG00000189372	0.00	0.00
ENSG00000189375	0.00	0.00
ENSG00000189376	269.00	278.75
ENSG00000189377	0.00	0.00
ENSG00000189393	0.50	0.00
ENSG00000189398	100.00	57.25
ENSG00000189401	1.00	1.75
ENSG00000189403	4312.50	3628.50

ENSG00000189409	100.25	95.50
ENSG00000189410	53.50	77.25
ENSG00000189420	17.75	49.50
ENSG00000189423	3.50	6.25
ENSG00000189430	0.00	0.50
ENSG00000189431	0.00	0.00
ENSG00000189433	0.00	0.00
ENSG00000196071	2.00	1.00
ENSG00000196072	629.50	415.00
ENSG00000196074	33.75	31.50
ENSG00000196081	15.50	7.50
ENSG00000196083	218.50	164.75
ENSG00000196085	0.00	0.00
ENSG00000196090	0.00	0.00
ENSG00000196091	1.25	0.75
ENSG00000196092	2.25	1.50
ENSG00000196098	0.00	0.00
ENSG00000196099	0.25	0.00
ENSG00000196101	0.00	0.00
ENSG00000196104	3.00	0.75
ENSG00000196109	0.50	1.00
ENSG00000196110	68.75	61.50
ENSG00000196114	0.75	0.25
ENSG00000196115	0.00	0.25
ENSG00000196116	306.25	385.50
ENSG00000196118	47.00	27.00
ENSG00000196119	0.00	0.00
ENSG00000196123	434.75	221.25
ENSG00000196126	0.75	0.00
ENSG00000196131	8.25	6.50
ENSG00000196132	0.00	0.25
ENSG00000196136	155.75	1240.75
ENSG00000196139	942.50	502.25
ENSG00000196141	4567.00	4183.25
ENSG00000196143	0.00	0.00
ENSG00000196150	202.25	122.75
ENSG00000196151	133.75	101.75
ENSG00000196152	182.75	96.50
ENSG00000196154	4364.25	3215.25
ENSG00000196155	359.00	143.75
ENSG00000196156	0.00	0.00
ENSG00000196159	2650.00	3495.50
ENSG00000196166	5.75	3.25

ENSG00000196169	2.50	3.75
ENSG00000196171	0.00	0.00
ENSG00000196172	40.00	30.25
ENSG00000196177	615.50	673.50
ENSG00000196182	763.00	548.00
ENSG00000196183	2.00	1.00
ENSG00000196184	0.00	0.00
ENSG00000196187	803.50	712.75
ENSG00000196188	0.25	0.50
ENSG00000196189	45.00	29.75
ENSG00000196196	17.00	40.75
ENSG00000196199	1430.75	1152.25
ENSG00000196204	268.50	250.25
ENSG00000196205	206.00	174.00
ENSG00000196208	24.50	13.50
ENSG00000196209	2.25	2.25
ENSG00000196214	345.00	212.00
ENSG00000196218	16.00	2.00
ENSG00000196220	160.25	91.50
ENSG00000196224	0.00	0.25
ENSG00000196227	395.25	300.00
ENSG00000196228	0.00	0.00
ENSG00000196230	2498.75	1099.75
ENSG00000196231	0.00	0.00
ENSG00000196233	377.00	359.50
ENSG00000196235	3072.00	2503.25
ENSG00000196236	355.50	346.75
ENSG00000196240	0.00	0.00
ENSG00000196242	169.50	165.75
ENSG00000196247	132.00	79.75
ENSG00000196248	0.00	0.00
ENSG00000196260	1.00	0.75
ENSG00000196262	9442.50	9581.50
ENSG00000196263	436.75	326.00
ENSG00000196266	0.00	0.00
ENSG00000196267	135.25	105.50
ENSG00000196268	192.50	145.75
ENSG00000196275	459.00	451.25
ENSG00000196277	3.50	2.00
ENSG00000196284	103.25	105.50
ENSG00000196289	0.00	0.00
ENSG00000196290	306.50	246.75
ENSG00000196296	17.50	11.75

ENSG00000196301	0.00	0.00
ENSG00000196302	0.00	3.50
ENSG00000196305	3962.00	2273.50
ENSG00000196312	47.25	51.50
ENSG00000196313	1024.75	1155.50
ENSG00000196323	2373.25	2275.00
ENSG00000196329	0.00	0.00
ENSG00000196335	8.25	9.50
ENSG00000196337	3.50	2.75
ENSG00000196338	52.00	32.75
ENSG00000196341	0.00	0.00
ENSG00000196344	17.75	21.25
ENSG00000196345	68.75	45.00
ENSG00000196350	0.00	0.00
ENSG00000196352	1380.25	1309.25
ENSG00000196353	0.75	1.25
ENSG00000196357	62.75	56.25
ENSG00000196358	76.25	67.00
ENSG00000196361	0.25	0.25
ENSG00000196363	601.25	650.00
ENSG00000196364	0.00	0.00
ENSG00000196365	1395.75	1128.50
ENSG00000196367	2347.50	2054.25
ENSG00000196368	234.00	197.00
ENSG00000196369	926.75	822.75
ENSG00000196371	241.50	298.50
ENSG00000196372	215.50	353.75
ENSG00000196376	2.50	1.00
ENSG00000196378	66.50	66.25
ENSG00000196381	19.75	19.25
ENSG00000196383	0.00	0.00
ENSG00000196387	245.75	204.00
ENSG00000196388	85.50	80.50
ENSG00000196390	0.00	0.00
ENSG00000196391	84.00	27.25
ENSG00000196395	0.00	0.00
ENSG00000196396	850.00	839.25
ENSG00000196403	0.50	0.25
ENSG00000196405	1079.00	696.75
ENSG00000196406	0.00	0.00
ENSG00000196407	21.50	12.00
ENSG00000196408	1.75	1.25
ENSG00000196411	1663.25	816.00

ENSG00000196415	0.00	0.50
ENSG00000196417	187.75	185.75
ENSG00000196418	46.75	40.25
ENSG00000196419	5062.50	4539.50
ENSG00000196420	2.00	3.25
ENSG00000196422	255.25	211.75
ENSG00000196427	0.00	0.75
ENSG00000196428	1018.25	755.25
ENSG00000196431	0.00	0.00
ENSG00000196433	0.75	2.25
ENSG00000196436	12.25	17.75
ENSG00000196437	132.00	96.25
ENSG00000196440	331.25	248.75
ENSG00000196449	92.00	97.75
ENSG00000196453	377.00	317.00
ENSG00000196455	716.00	785.00
ENSG00000196456	113.25	95.50
ENSG00000196458	603.75	414.00
ENSG00000196459	302.75	184.25
ENSG00000196460	198.25	136.00
ENSG00000196465	1081.25	764.50
ENSG00000196466	57.00	48.50
ENSG00000196468	0.25	0.25
ENSG00000196470	439.50	352.00
ENSG00000196472	0.00	0.00
ENSG00000196475	0.00	0.00
ENSG00000196476	161.50	70.75
ENSG00000196482	4.75	5.25
ENSG00000196497	592.00	505.50
ENSG00000196498	4586.75	4185.25
ENSG00000196502	78.00	54.50
ENSG00000196503	7.25	2.00
ENSG00000196504	2138.00	2008.00
ENSG00000196505	275.00	211.25
ENSG00000196507	710.25	1379.50
ENSG00000196510	727.75	637.00
ENSG00000196511	86.25	36.25
ENSG00000196517	432.50	80.50
ENSG00000196526	2742.50	1738.75
ENSG00000196531	8806.00	7405.50
ENSG00000196534	0.00	0.00
ENSG00000196535	2479.25	1720.75
ENSG00000196539	0.00	0.00

ENSG00000196542	0.25	0.00
ENSG00000196544	114.25	110.00
ENSG00000196547	1181.25	1083.00
ENSG00000196549	11589.50	9630.00
ENSG00000196550	36.00	24.50
ENSG00000196557	67.00	47.00
ENSG00000196562	3547.00	1934.25
ENSG00000196564	1.25	2.00
ENSG00000196565	6.25	6.75
ENSG00000196569	7417.25	27033.75
ENSG00000196570	0.00	0.00
ENSG00000196576	12738.25	9804.75
ENSG00000196578	0.00	0.00
ENSG00000196581	0.75	2.25
ENSG00000196584	46.00	40.00
ENSG00000196586	1545.50	1530.50
ENSG00000196588	968.75	1188.25
ENSG00000196591	1587.00	1116.75
ENSG00000196593	21.50	18.00
ENSG00000196597	48.75	60.75
ENSG00000196600	5.75	4.25
ENSG00000196604	0.50	0.50
ENSG00000196605	190.75	123.75
ENSG00000196610	0.00	0.00
ENSG00000196611	983.50	467.25
ENSG00000196616	30877.75	56864.50
ENSG00000196620	1.25	2.25
ENSG00000196628	2106.00	1667.50
ENSG00000196632	31.25	36.25
ENSG00000196636	93.25	90.25
ENSG00000196639	893.00	516.00
ENSG00000196642	1205.25	1233.50
ENSG00000196646	162.50	165.00
ENSG00000196652	464.75	375.00
ENSG00000196653	51.25	49.50
ENSG00000196655	243.25	258.75
ENSG00000196656	1980.50	1594.25
ENSG00000196659	117.00	74.00
ENSG00000196660	2.50	0.50
ENSG00000196661	0.00	0.00
ENSG00000196663	1372.75	1460.50
ENSG00000196664	1.50	1.25
ENSG00000196666	7.75	3.75

ENSG00000196670	463.25	391.50
ENSG00000196678	331.25	230.00
ENSG00000196683	2382.25	2212.00
ENSG00000196684	4.50	5.50
ENSG00000196689	129.75	142.00
ENSG00000196693	331.75	289.25
ENSG00000196700	1078.50	816.00
ENSG00000196704	1121.50	936.00
ENSG00000196705	258.00	217.50
ENSG00000196711	17.00	16.50
ENSG00000196712	2788.50	2381.25
ENSG00000196715	850.75	1233.75
ENSG00000196724	87.00	52.50
ENSG00000196730	2031.75	2168.25
ENSG00000196734	0.25	0.00
ENSG00000196735	16.00	14.50
ENSG00000196739	666.25	354.00
ENSG00000196743	1372.75	1608.25
ENSG00000196747	4.25	3.00
ENSG00000196748	0.00	0.25
ENSG00000196754	22.00	14.50
ENSG00000196757	149.00	132.25
ENSG00000196767	0.00	0.00
ENSG00000196772	0.00	0.00
ENSG00000196776	2650.00	1975.50
ENSG00000196778	0.25	0.00
ENSG00000196781	785.00	1328.75
ENSG00000196782	164.25	231.50
ENSG00000196787	42.00	33.00
ENSG00000196792	802.50	738.75
ENSG00000196793	61.50	52.50
ENSG00000196796	2.50	2.50
ENSG00000196800	0.00	0.00
ENSG00000196805	0.00	0.00
ENSG00000196811	1.25	0.00
ENSG00000196812	30.25	24.50
ENSG00000196814	216.00	195.75
ENSG00000196821	2138.50	2047.25
ENSG00000196826	5.50	22.25
ENSG00000196832	0.00	0.00
ENSG00000196834	5.50	6.50
ENSG00000196839	162.50	99.00
ENSG00000196843	385.00	569.75

ENSG00000196844	6.50	4.50
ENSG00000196850	341.00	690.00
ENSG00000196859	0.00	0.00
ENSG00000196860	1.25	1.00
ENSG00000196862	1.75	0.00
ENSG00000196865	622.75	561.00
ENSG00000196866	0.50	0.00
ENSG00000196867	295.50	247.75
ENSG00000196872	0.50	0.00
ENSG00000196873	164.50	169.75
ENSG00000196876	851.25	689.00
ENSG00000196878	319.50	204.75
ENSG00000196890	9.25	8.50
ENSG00000196900	0.00	0.00
ENSG00000196911	251.50	193.75
ENSG00000196912	181.00	112.25
ENSG00000196914	5934.00	6670.25
ENSG00000196917	26.50	19.00
ENSG00000196922	452.25	337.00
ENSG00000196923	3113.25	4517.25
ENSG00000196924	60782.25	88492.50
ENSG00000196932	130.75	30.25
ENSG00000196933	0.50	0.25
ENSG00000196935	1973.00	1641.25
ENSG00000196936	0.00	0.00
ENSG00000196937	1139.25	1443.75
ENSG00000196943	960.00	894.25
ENSG00000196944	0.00	0.00
ENSG00000196946	5.25	3.25
ENSG00000196950	1137.50	513.50
ENSG00000196954	827.75	846.25
ENSG00000196961	4052.75	4164.00
ENSG00000196967	317.25	289.25
ENSG00000196968	701.00	796.75
ENSG00000196970	0.00	0.00
ENSG00000196972	26.75	22.50
ENSG00000196975	3314.75	6613.25
ENSG00000196976	184.00	150.50
ENSG00000196981	176.75	142.25
ENSG00000196990	0.00	0.00
ENSG00000196993	11.25	10.25
ENSG00000196998	1150.00	1201.50
ENSG00000197006	2142.25	1608.75

ENSG00000197008	93.75	51.50
ENSG00000197013	129.75	110.75
ENSG00000197016	313.50	355.75
ENSG00000197019	240.50	226.75
ENSG00000197020	37.00	27.00
ENSG00000197021	275.50	268.00
ENSG00000197023	0.00	0.00
ENSG00000197024	302.75	291.00
ENSG00000197037	235.50	219.50
ENSG00000197038	0.00	0.00
ENSG00000197043	10409.75	18244.75
ENSG00000197044	238.00	165.25
ENSG00000197045	1600.75	2178.50
ENSG00000197046	15.50	7.75
ENSG00000197050	125.00	140.00
ENSG00000197054	59.50	48.50
ENSG00000197056	257.50	199.00
ENSG00000197057	0.00	0.00
ENSG00000197061	0.50	0.25
ENSG00000197062	467.25	289.75
ENSG00000197063	869.50	860.50
ENSG00000197067	0.25	0.00
ENSG00000197070	273.00	331.00
ENSG00000197077	19.50	17.50
ENSG00000197079	0.00	0.00
ENSG00000197081	13667.50	11399.50
ENSG00000197083	40.50	32.50
ENSG00000197084	0.00	0.00
ENSG00000197092	0.00	0.00
ENSG00000197093	541.00	388.75
ENSG00000197102	19125.25	17277.25
ENSG00000197106	6.00	7.25
ENSG00000197110	0.00	0.00
ENSG00000197111	8983.25	8304.50
ENSG00000197114	326.50	300.75
ENSG00000197119	581.50	345.00
ENSG00000197121	439.25	322.25
ENSG00000197122	1255.75	1281.25
ENSG00000197123	0.00	0.00
ENSG00000197124	58.75	32.00
ENSG00000197125	0.00	0.00
ENSG00000197128	156.25	121.50
ENSG00000197134	13.50	7.75

ENSG00000197136	1290.50	1240.75
ENSG00000197140	111.50	100.00
ENSG00000197142	131.50	97.75
ENSG00000197147	30.75	30.25
ENSG00000197149	3.00	2.25
ENSG00000197150	608.25	539.50
ENSG00000197153	0.25	0.00
ENSG00000197157	4925.25	5008.25
ENSG00000197161	0.00	0.00
ENSG00000197162	214.25	185.25
ENSG00000197165	11.25	8.50
ENSG00000197168	20.50	23.00
ENSG00000197170	807.25	741.50
ENSG00000197171	0.00	0.00
ENSG00000197172	0.00	0.00
ENSG00000197177	0.00	0.00
ENSG00000197181	9.50	7.00
ENSG00000197183	216.25	169.25
ENSG00000197185	0.00	0.00
ENSG00000197191	18.75	16.75
ENSG00000197208	34.50	13.25
ENSG00000197213	0.25	0.25
ENSG00000197214	0.00	0.00
ENSG00000197217	1515.25	1904.50
ENSG00000197223	231.75	282.75
ENSG00000197226	5087.50	5204.50
ENSG00000197233	0.25	0.75
ENSG00000197238	15.25	12.25
ENSG00000197241	0.25	0.00
ENSG00000197245	3.75	2.50
ENSG00000197249	0.50	0.00
ENSG00000197253	1.00	1.00
ENSG00000197254	0.00	0.00
ENSG00000197256	17485.25	17742.75
ENSG00000197258	5.00	7.00
ENSG00000197261	4.25	3.25
ENSG00000197263	0.00	0.00
ENSG00000197265	509.50	602.75
ENSG00000197272	0.00	0.00
ENSG00000197273	0.00	0.00
ENSG00000197275	63.50	53.50
ENSG00000197279	14.25	8.00
ENSG00000197283	577.50	460.75

ENSG00000197296	307.25	335.75
ENSG00000197299	12.50	9.00
ENSG00000197302	275.00	269.75
ENSG00000197309	0.00	0.00
ENSG00000197312	445.75	738.75
ENSG00000197320	0.00	0.00
ENSG00000197321	12101.00	6840.25
ENSG00000197323	1013.00	832.50
ENSG00000197324	12762.00	13912.50
ENSG00000197329	106.50	81.00
ENSG00000197343	1362.00	1331.75
ENSG00000197345	316.75	312.00
ENSG00000197353	0.00	0.00
ENSG00000197355	785.50	597.75
ENSG00000197358	3.25	7.25
ENSG00000197360	0.25	0.00
ENSG00000197361	19.50	22.25
ENSG00000197362	93.00	70.50
ENSG00000197363	202.25	214.50
ENSG00000197364	0.00	0.00
ENSG00000197372	97.00	68.50
ENSG00000197375	160.50	96.50
ENSG00000197376	1.50	1.00
ENSG00000197380	398.00	263.00
ENSG00000197381	725.00	3388.25
ENSG00000197385	7.00	6.00
ENSG00000197386	1974.50	1771.50
ENSG00000197403	0.00	0.00
ENSG00000197405	26.50	19.25
ENSG00000197406	32.00	42.25
ENSG00000197408	2.25	2.00
ENSG00000197409	1.50	1.50
ENSG00000197410	7.25	6.50
ENSG00000197415	551.50	771.75
ENSG00000197416	0.00	0.00
ENSG00000197417	237.00	260.25
ENSG00000197421	0.00	0.00
ENSG00000197428	0.00	0.00
ENSG00000197429	291.25	247.50
ENSG00000197430	0.00	0.00
ENSG00000197437	0.00	0.00
ENSG00000197442	1290.50	1889.00
ENSG00000197444	0.75	1.75

ENSG00000197446	4.75	4.50
ENSG00000197448	2099.75	2066.50
ENSG00000197451	1034.50	1212.25
ENSG00000197454	0.00	0.00
ENSG00000197457	567.50	319.00
ENSG00000197461	52.75	90.75
ENSG00000197465	42.00	44.50
ENSG00000197467	140.50	145.25
ENSG00000197468	0.00	0.00
ENSG00000197471	20.75	14.25
ENSG00000197472	10.75	8.75
ENSG00000197475	1.75	0.75
ENSG00000197476	0.00	0.00
ENSG00000197479	26.50	22.25
ENSG00000197483	95.50	75.50
ENSG00000197487	0.00	0.00
ENSG00000197496	1946.50	2468.00
ENSG00000197497	107.50	67.00
ENSG00000197498	450.75	435.75
ENSG00000197506	12.00	9.00
ENSG00000197520	0.75	0.00
ENSG00000197530	1021.00	799.00
ENSG00000197532	0.00	0.00
ENSG00000197535	1906.75	1905.75
ENSG00000197536	241.75	164.75
ENSG00000197540	1.50	0.75
ENSG00000197548	632.00	559.75
ENSG00000197549	0.25	0.25
ENSG00000197550	2.50	2.25
ENSG00000197555	2817.50	1875.75
ENSG00000197557	261.50	165.75
ENSG00000197558	36.50	21.00
ENSG00000197561	21.00	27.25
ENSG00000197562	226.00	206.00
ENSG00000197563	810.50	835.25
ENSG00000197565	16.75	8.25
ENSG00000197566	124.25	80.25
ENSG00000197568	173.25	154.50
ENSG00000197575	0.25	0.00
ENSG00000197576	85.50	68.25
ENSG00000197579	591.25	575.50
ENSG00000197580	43.75	20.50
ENSG00000197582	1.50	1.75

ENSG00000197584	1.00	0.50
ENSG00000197586	911.75	1110.75
ENSG00000197587	1.25	2.50
ENSG00000197588	0.25	0.50
ENSG00000197591	0.00	0.00
ENSG00000197594	441.25	834.00
ENSG00000197599	13.25	11.75
ENSG00000197601	1229.75	1249.75
ENSG00000197603	838.00	794.50
ENSG00000197608	315.75	221.00
ENSG00000197614	1272.75	1196.25
ENSG00000197616	0.00	0.25
ENSG00000197617	0.25	0.25
ENSG00000197619	188.50	174.50
ENSG00000197620	227.50	212.00
ENSG00000197622	1082.75	1036.75
ENSG00000197627	1.00	0.00
ENSG00000197629	1.00	1.50
ENSG00000197632	9.25	10.25
ENSG00000197635	2231.25	1685.50
ENSG00000197641	0.25	0.00
ENSG00000197646	477.50	391.00
ENSG00000197647	73.75	58.75
ENSG00000197651	0.00	0.00
ENSG00000197653	18.50	17.75
ENSG00000197658	0.00	0.00
ENSG00000197674	0.00	0.00
ENSG00000197683	0.00	0.00
ENSG00000197692	0.00	0.50
ENSG00000197694	11158.25	11893.25
ENSG00000197696	90.00	76.00
ENSG00000197702	5226.50	6635.75
ENSG00000197705	0.00	0.00
ENSG00000197706	0.00	0.00
ENSG00000197712	4713.50	3945.00
ENSG00000197713	852.00	704.75
ENSG00000197714	22.75	18.75
ENSG00000197721	0.25	0.00
ENSG00000197724	1015.00	913.25
ENSG00000197728	1035.75	870.75
ENSG00000197734	1.75	2.75
ENSG00000197744	2.25	0.50
ENSG00000197745	0.00	0.00

ENSG00000197746	46016.25	39307.00
ENSG00000197747	2919.50	2317.00
ENSG00000197748	5.75	3.75
ENSG00000197753	30.75	22.25
ENSG00000197756	10515.00	9827.75
ENSG00000197757	37.00	29.00
ENSG00000197763	210.75	184.25
ENSG00000197766	238.75	240.75
ENSG00000197768	6.00	7.00
ENSG00000197769	44.50	200.75
ENSG00000197771	998.75	1243.00
ENSG00000197774	229.50	219.00
ENSG00000197776	94.50	72.25
ENSG00000197779	147.50	159.75
ENSG00000197780	377.75	419.75
ENSG00000197782	225.00	194.75
ENSG00000197785	378.75	430.50
ENSG00000197786	0.00	0.00
ENSG00000197790	0.00	0.00
ENSG00000197794	0.00	0.00
ENSG00000197798	382.00	332.50
ENSG00000197808	107.75	85.75
ENSG00000197816	172.75	144.25
ENSG00000197818	662.25	554.00
ENSG00000197822	34.25	31.25
ENSG00000197826	33.00	19.25
ENSG00000197837	14.50	23.00
ENSG00000197838	0.00	0.00
ENSG00000197841	281.75	243.00
ENSG00000197847	41.50	47.25
ENSG00000197849	0.00	0.00
ENSG00000197852	243.25	207.75
ENSG00000197857	150.50	125.25
ENSG00000197858	1853.25	1678.25
ENSG00000197859	2.00	2.50
ENSG00000197860	452.25	677.50
ENSG00000197863	124.75	94.50
ENSG00000197866	0.00	0.00
ENSG00000197870	0.50	0.75
ENSG00000197872	431.50	212.75
ENSG00000197879	7253.75	9792.00
ENSG00000197880	2.00	2.75
ENSG00000197882	3.25	4.75

ENSG00000197885	293.25	222.75
ENSG00000197887	0.00	0.00
ENSG00000197888	0.00	0.00
ENSG00000197889	7.75	6.25
ENSG00000197891	0.00	0.00
ENSG00000197892	829.00	863.75
ENSG00000197893	0.25	0.25
ENSG00000197894	7914.50	8746.75
ENSG00000197901	0.00	0.00
ENSG00000197903	379.50	351.50
ENSG00000197905	90.00	152.25
ENSG00000197912	1308.75	1144.75
ENSG00000197915	31.50	32.50
ENSG00000197919	1.25	0.75
ENSG00000197921	0.00	0.00
ENSG00000197927	47.75	53.25
ENSG00000197928	310.50	246.50
ENSG00000197930	3026.50	3423.25
ENSG00000197933	52.50	54.75
ENSG00000197935	3.00	3.00
ENSG00000197937	347.00	291.75
ENSG00000197938	0.00	0.00
ENSG00000197943	28.75	79.75
ENSG00000197948	680.00	726.00
ENSG00000197951	248.50	210.25
ENSG00000197953	1.00	0.50
ENSG00000197956	25122.50	20323.75
ENSG00000197958	15692.50	12941.75
ENSG00000197959	89.25	38.25
ENSG00000197961	246.00	225.50
ENSG00000197965	5415.50	5857.75
ENSG00000197969	2594.50	2425.50
ENSG00000197971	658.25	603.25
ENSG00000197976	948.00	864.75
ENSG00000197977	7.75	4.75
ENSG00000197978	84.50	48.00
ENSG00000197980	7.75	9.75
ENSG00000197982	679.50	683.75
ENSG00000197984	0.00	0.00
ENSG00000197990	0.00	0.00
ENSG00000197991	0.00	0.00
ENSG00000197992	0.00	0.25
ENSG00000197993	6.75	3.75

ENSG00000198000	919.75	778.00
ENSG00000198001	577.75	501.25
ENSG00000198003	15.75	7.25
ENSG00000198010	0.00	0.00
ENSG00000198015	612.75	524.50
ENSG00000198018	366.00	207.25
ENSG00000198019	2.50	2.50
ENSG00000198021	0.00	0.25
ENSG00000198022	0.00	0.00
ENSG00000198026	510.75	402.50
ENSG00000198028	17.25	16.75
ENSG00000198033	0.00	0.00
ENSG00000198034	16401.75	14327.75
ENSG00000198039	60.00	44.50
ENSG00000198040	706.50	486.50
ENSG00000198042	330.75	395.25
ENSG00000198046	326.00	170.75
ENSG00000198049	0.00	0.00
ENSG00000198053	2452.25	2624.00
ENSG00000198054	0.25	0.00
ENSG00000198055	263.00	328.25
ENSG00000198056	50.50	32.75
ENSG00000198060	742.75	698.00
ENSG00000198062	1.75	2.25
ENSG00000198064	13.25	11.75
ENSG00000198074	22.25	9.25
ENSG00000198075	8.50	2.75
ENSG00000198077	5.00	6.75
ENSG00000198081	297.00	219.00
ENSG00000198083	0.00	0.00
ENSG00000198087	613.00	594.00
ENSG00000198088	0.50	0.00
ENSG00000198089	224.25	208.75
ENSG00000198090	0.00	0.00
ENSG00000198092	0.00	0.25
ENSG00000198093	132.00	111.75
ENSG00000198099	14.75	24.75
ENSG00000198104	0.00	0.00
ENSG00000198105	378.50	222.75
ENSG00000198108	31.00	63.00
ENSG00000198113	708.25	755.00
ENSG00000198121	6536.75	8269.25
ENSG00000198125	0.50	0.00

ENSG00000198128	0.00	0.00
ENSG00000198129	0.00	0.00
ENSG00000198130	440.75	350.25
ENSG00000198131	335.50	288.00
ENSG00000198133	45.75	31.75
ENSG00000198134	0.25	0.00
ENSG00000198142	250.50	213.75
ENSG00000198146	1211.00	1238.25
ENSG00000198153	0.75	0.75
ENSG00000198155	17.50	11.50
ENSG00000198156	14.50	6.75
ENSG00000198157	118.50	109.75
ENSG00000198160	1257.50	1145.25
ENSG00000198162	2698.25	2181.50
ENSG00000198168	119.75	95.50
ENSG00000198169	412.50	242.75
ENSG00000198171	596.00	671.25
ENSG00000198173	0.00	0.00
ENSG00000198176	1649.00	1934.75
ENSG00000198178	2.25	1.25
ENSG00000198182	173.00	148.00
ENSG00000198183	0.00	0.00
ENSG00000198185	130.50	92.25
ENSG00000198189	1249.75	1867.50
ENSG00000198198	1232.25	1263.25
ENSG00000198203	20.75	7.50
ENSG00000198205	115.25	84.00
ENSG00000198208	17.50	27.00
ENSG00000198211	14.75	0.00
ENSG00000198216	0.75	0.00
ENSG00000198217	0.00	0.00
ENSG00000198218	1634.50	1470.25
ENSG00000198223	8.50	7.25
ENSG00000198225	1.00	1.00
ENSG00000198231	3256.50	2900.00
ENSG00000198237	27.25	21.50
ENSG00000198242	7227.25	6487.75
ENSG00000198246	180.25	122.00
ENSG00000198251	0.50	0.00
ENSG00000198252	565.75	601.50
ENSG00000198258	1158.25	1259.25
ENSG00000198261	0.00	0.00
ENSG00000198265	1236.75	1192.00

ENSG00000198270	195.00	130.75
ENSG00000198271	0.25	0.00
ENSG00000198276	425.75	435.00
ENSG00000198277	0.00	0.00
ENSG00000198283	0.00	0.25
ENSG00000198284	0.00	0.00
ENSG00000198286	0.50	0.50
ENSG00000198298	26.50	24.75
ENSG00000198300	188.50	163.00
ENSG00000198301	898.00	840.00
ENSG00000198312	0.00	0.00
ENSG00000198315	1582.25	1376.25
ENSG00000198324	324.50	386.25
ENSG00000198326	4.00	3.00
ENSG00000198331	110.25	89.25
ENSG00000198336	5.25	2.25
ENSG00000198342	29.25	21.50
ENSG00000198346	131.50	118.50
ENSG00000198353	18.50	10.75
ENSG00000198354	0.25	0.25
ENSG00000198355	245.25	240.50
ENSG00000198356	1292.75	1227.00
ENSG00000198363	17438.75	12558.00
ENSG00000198367	0.00	0.00
ENSG00000198369	758.00	1064.25
ENSG00000198373	573.75	568.00
ENSG00000198380	2172.00	1851.00
ENSG00000198382	446.75	396.00
ENSG00000198384	0.00	0.00
ENSG00000198390	0.00	0.00
ENSG00000198393	218.50	249.50
ENSG00000198398	0.00	0.00
ENSG00000198399	1377.75	1163.00
ENSG00000198400	1.75	0.75
ENSG00000198406	395.75	424.50
ENSG00000198408	3088.75	3343.00
ENSG00000198414	0.00	0.00
ENSG00000198416	56.25	24.00
ENSG00000198417	1.50	5.25
ENSG00000198420	3460.25	3094.25
ENSG00000198429	69.50	80.25
ENSG00000198431	12768.75	31016.50
ENSG00000198435	1.25	1.00

ENSG00000198440	135.50	103.75
ENSG00000198443	0.00	0.00
ENSG00000198445	0.50	0.00
ENSG00000198452	0.00	0.00
ENSG00000198453	214.75	164.25
ENSG00000198455	286.50	281.50
ENSG00000198457	0.25	0.00
ENSG00000198464	347.00	331.25
ENSG00000198466	423.75	381.75
ENSG00000198467	15401.00	24102.50
ENSG00000198471	0.25	0.50
ENSG00000198478	236.25	156.00
ENSG00000198482	94.00	106.75
ENSG00000198483	184.75	182.50
ENSG00000198488	1.00	2.50
ENSG00000198492	1423.25	1374.75
ENSG00000198496	84.75	57.75
ENSG00000198498	226.00	185.75
ENSG00000198502	0.00	0.00
ENSG00000198513	155.50	158.75
ENSG00000198515	2.50	3.00
ENSG00000198517	647.25	1040.00
ENSG00000198520	52.75	51.25
ENSG00000198521	152.50	120.75
ENSG00000198522	602.00	549.25
ENSG00000198523	4.50	15.00
ENSG00000198526	0.00	0.00
ENSG00000198535	5.50	3.00
ENSG00000198538	205.25	186.50
ENSG00000198542	3233.50	5891.75
ENSG00000198546	246.25	236.75
ENSG00000198551	218.00	148.25
ENSG00000198553	14.25	6.75
ENSG00000198554	162.75	133.50
ENSG00000198555	2.75	5.25
ENSG00000198556	122.75	112.25
ENSG00000198561	4196.25	4970.50
ENSG00000198563	175.25	166.00
ENSG00000198569	10.75	11.25
ENSG00000198570	5.25	3.50
ENSG00000198573	0.00	0.25
ENSG00000198574	0.00	0.00
ENSG00000198576	5.50	1.75

ENSG00000198580	15.25	7.00
ENSG00000198585	1085.50	1552.00
ENSG00000198586	1987.00	1687.25
ENSG00000198589	1205.50	1341.25
ENSG00000198597	18.25	18.25
ENSG00000198598	215.00	186.25
ENSG00000198601	0.00	0.00
ENSG00000198604	592.50	426.50
ENSG00000198610	1.00	0.25
ENSG00000198612	1366.75	1286.25
ENSG00000198618	238.50	166.25
ENSG00000198624	536.25	3314.75
ENSG00000198625	507.25	380.25
ENSG00000198626	2.25	2.00
ENSG00000198633	1.00	0.50
ENSG00000198642	1278.75	1316.75
ENSG00000198643	0.00	0.00
ENSG00000198646	1252.25	1175.00
ENSG00000198648	649.50	626.75
ENSG00000198650	1.75	1.00
ENSG00000198657	0.00	0.00
ENSG00000198658	1.50	1.50
ENSG00000198663	5573.00	4464.50
ENSG00000198668	3868.25	4522.00
ENSG00000198670	0.25	0.50
ENSG00000198673	19.50	23.00
ENSG00000198674	0.00	0.00
ENSG00000198677	3110.50	2844.00
ENSG00000198678	0.00	0.00
ENSG00000198680	181.25	174.50
ENSG00000198681	0.00	0.00
ENSG00000198682	4002.50	4133.75
ENSG00000198689	695.00	710.50
ENSG00000198690	254.50	197.75
ENSG00000198691	19.00	60.00
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ENSG00000198695	24187.75	25432.50
ENSG00000198700	2697.00	2017.50
ENSG00000198703	0.00	0.00
ENSG00000198704	0.00	0.00
ENSG00000198707	633.50	571.50
ENSG00000198712	57142.25	58763.50
ENSG00000198715	2435.00	2122.75

ENSG00000198718	709.25	593.50
ENSG00000198719	129.50	87.50
ENSG00000198720	298.25	276.50
ENSG00000198721	1200.25	856.75
ENSG00000198722	1274.50	1021.75
ENSG00000198723	3.00	1.50
ENSG00000198727	56754.25	62811.00
ENSG00000198728	2645.00	1694.00
ENSG00000198729	9.50	7.75
ENSG00000198730	2642.75	2612.50
ENSG00000198732	41.00	124.50
ENSG00000198734	6.00	0.50
ENSG00000198736	269.00	395.75
ENSG00000198738	0.00	0.00
ENSG00000198739	0.00	0.00
ENSG00000198740	320.00	286.25
ENSG00000198742	890.50	905.50
ENSG00000198743	830.50	708.75
ENSG00000198744	6.75	8.25
ENSG00000198746	230.25	204.00
ENSG00000198752	3945.50	3804.50
ENSG00000198753	160.00	126.50
ENSG00000198754	9.75	11.75
ENSG00000198755	10781.00	9704.25
ENSG00000198756	290.75	274.50
ENSG00000198758	2.50	0.00
ENSG00000198759	1951.00	1225.00
ENSG00000198763	29309.75	29761.75
ENSG00000198765	4.25	4.25
ENSG00000198768	138.50	75.50
ENSG00000198771	7.25	9.75
ENSG00000198774	52.50	48.25
ENSG00000198780	4.50	3.00
ENSG00000198783	233.00	207.75
ENSG00000198785	5.50	4.25
ENSG00000198786	63529.75	65308.50
ENSG00000198787	0.00	0.00
ENSG00000198791	1357.75	1050.75
ENSG00000198792	2002.50	2027.75
ENSG00000198793	1637.00	2541.50
ENSG00000198794	53.00	42.75
ENSG00000198795	1292.50	679.50
ENSG00000198796	603.00	801.00

ENSG00000198797	0.50	0.25
ENSG00000198798	0.25	0.00
ENSG00000198799	511.25	433.75
ENSG00000198804	286521.25	271121.75
ENSG00000198805	92.50	133.25
ENSG00000198807	3.00	1.75
ENSG00000198812	1.25	2.25
ENSG00000198814	312.25	571.00
ENSG00000198815	992.00	830.75
ENSG00000198816	1406.25	1282.50
ENSG00000198818	435.25	499.75
ENSG00000198821	0.50	0.75
ENSG00000198822	0.00	0.25
ENSG00000198824	684.25	755.75
ENSG00000198825	605.00	530.25
ENSG00000198826	477.50	356.00
ENSG00000198829	1.50	0.50
ENSG00000198830	1961.50	1462.25
ENSG00000198832	2045.25	2242.25
ENSG00000198833	1278.00	1584.00
ENSG00000198835	93.25	49.50
ENSG00000198836	1463.25	1377.00
ENSG00000198837	685.75	550.75
ENSG00000198838	18.50	24.00
ENSG00000198839	467.00	406.75
ENSG00000198840	6195.50	5925.50
ENSG00000198841	160.50	178.75
ENSG00000198842	0.00	0.25
ENSG00000198843	1259.75	1200.50
ENSG00000198844	1.25	1.75
ENSG00000198846	258.00	165.50
ENSG00000198848	2840.25	2330.00
ENSG00000198851	0.00	0.00
ENSG00000198853	1223.50	1118.25
ENSG00000198854	0.00	0.00
ENSG00000198855	202.00	201.25
ENSG00000198856	1544.00	1710.75
ENSG00000198857	2.50	1.25
ENSG00000198858	646.75	696.75
ENSG00000198860	422.25	342.50
ENSG00000198862	817.75	1040.00
ENSG00000198863	299.50	314.50
ENSG00000198865	378.25	265.25

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ENSG00000198870	10.75	10.25
ENSG00000198873	2792.50	3540.25
ENSG00000198874	400.25	362.50
ENSG00000198876	630.25	580.25
ENSG00000198877	0.00	0.00
ENSG00000198879	58.25	54.50
ENSG00000198881	2.25	2.00
ENSG00000198883	0.25	0.00
ENSG00000198885	59.00	57.75
ENSG00000198886	79449.00	76384.75
ENSG00000198887	834.50	880.75
ENSG00000198888	31764.50	32655.25
ENSG00000198889	0.00	0.00
ENSG00000198890	263.25	169.25
ENSG00000198892	661.00	734.25
ENSG00000198894	331.25	322.25
ENSG00000198898	2715.25	2648.00
ENSG00000198899	43477.00	43558.75
ENSG00000198900	1672.50	1490.00
ENSG00000198901	211.75	167.00
ENSG00000198908	218.25	142.00
ENSG00000198909	1366.50	1668.25
ENSG00000198910	7.75	6.00
ENSG00000198911	2385.00	1669.50
ENSG00000198912	352.00	355.50
ENSG00000198914	0.00	0.00
ENSG00000198915	51.25	27.00
ENSG00000198917	456.25	488.00
ENSG00000198918	7992.50	7699.25
ENSG00000198919	855.50	644.50
ENSG00000198920	547.50	455.50
ENSG00000198923	0.00	0.00
ENSG00000198924	162.25	119.00
ENSG00000198925	1921.50	2241.25
ENSG00000198929	7.50	8.00
ENSG00000198930	0.00	0.00
ENSG00000198931	792.75	808.75
ENSG00000198932	272.50	141.75
ENSG00000198933	425.50	519.75
ENSG00000198934	99.50	64.50
ENSG00000198937	89.50	70.25
ENSG00000198938	54253.25	53901.75

ENSG00000198939	37.50	24.50
ENSG00000198944	22.25	7.00
ENSG00000198945	283.50	260.25
ENSG00000198947	1023.75	1494.00
ENSG00000198948	37.00	42.25
ENSG00000198951	1043.00	861.50
ENSG00000198952	2371.75	2762.00
ENSG00000198954	723.50	771.25
ENSG00000198959	9342.25	11506.75
ENSG00000198960	796.25	467.75
ENSG00000198961	3714.75	3366.00
ENSG00000198963	37.50	41.00
ENSG00000198964	1570.00	1026.00
ENSG00000198965	0.00	0.00
ENSG00000198967	0.00	0.00
ENSG00000203262	2.25	4.25
ENSG00000203326	111.75	112.00
ENSG00000203363	0.50	0.00
ENSG00000203387	1.75	1.50
ENSG00000203396	0.50	0.25
ENSG00000203397	0.00	0.25
ENSG00000203408	0.00	0.00
ENSG00000203413	0.25	1.00
ENSG00000203414	3.50	1.00
ENSG00000203416	0.00	0.00
ENSG00000203435	2.50	2.25
ENSG00000203437	2.00	0.75
ENSG00000203462	0.00	0.00
ENSG00000203485	2525.00	2946.50
ENSG00000203489	2.25	2.75
ENSG00000203492	0.00	0.00
ENSG00000203523	0.00	0.00
ENSG00000203531	3.75	3.00
ENSG00000203546	29.75	28.25
ENSG00000203560	0.00	0.00
ENSG00000203581	0.50	0.75
ENSG00000203616	0.00	0.00
ENSG00000203618	11.25	1.00
ENSG00000203623	16.75	31.75
ENSG00000203624	92.00	79.00
ENSG00000203647	0.00	0.00
ENSG00000203648	0.00	0.25
ENSG00000203661	0.00	0.00

ENSG00000203663	0.00	0.00
ENSG00000203664	0.00	0.00
ENSG00000203666	136.50	155.50
ENSG00000203667	845.50	774.50
ENSG00000203668	276.25	342.75
ENSG00000203685	11.75	17.25
ENSG00000203690	0.50	0.00
ENSG00000203697	3.75	0.50
ENSG00000203705	262.00	228.00
ENSG00000203710	2.00	1.50
ENSG00000203722	124.50	54.75
ENSG00000203724	27.75	20.75
ENSG00000203727	447.00	227.50
ENSG00000203730	0.50	0.25
ENSG00000203733	0.00	0.00
ENSG00000203734	5.00	3.25
ENSG00000203737	0.00	0.00
ENSG00000203740	0.25	0.00
ENSG00000203747	0.25	0.00
ENSG00000203756	0.00	0.00
ENSG00000203757	0.00	0.00
ENSG00000203758	0.00	0.00
ENSG00000203760	66.75	78.00
ENSG00000203761	49.50	52.00
ENSG00000203772	76.25	87.25
ENSG00000203778	329.50	243.25
ENSG00000203780	97.50	61.00
ENSG00000203781	0.00	0.00
ENSG00000203782	0.00	0.00
ENSG00000203783	0.00	0.00
ENSG00000203784	0.00	0.00
ENSG00000203785	0.00	0.00
ENSG00000203786	1.75	1.25
ENSG00000203791	233.00	244.00
ENSG00000203795	0.00	0.00
ENSG00000203797	30.00	20.75
ENSG00000203799	5.75	7.75
ENSG00000203805	27.50	7.00
ENSG00000203811	7.25	6.00
ENSG00000203812	138.75	118.00
ENSG00000203814	166.25	124.00
ENSG00000203818	15.00	11.75
ENSG00000203819	23.75	21.50

ENSG00000203825	0.00	0.00
ENSG00000203837	0.75	0.00
ENSG00000203852	7.25	6.00
ENSG00000203855	0.25	0.00
ENSG00000203857	0.25	0.50
ENSG00000203858	0.00	0.00
ENSG00000203859	0.50	0.50
ENSG00000203867	8.50	4.50
ENSG00000203870	0.00	0.25
ENSG00000203872	17.50	18.25
ENSG00000203877	0.00	0.00
ENSG00000203878	0.00	0.00
ENSG00000203879	2192.00	2228.75
ENSG00000203880	728.50	661.25
ENSG00000203883	0.00	0.00
ENSG00000203896	80.00	95.25
ENSG00000203907	0.00	0.50
ENSG00000203908	0.50	0.00
ENSG00000203909	0.00	0.00
ENSG00000203910	0.75	1.25
ENSG00000203914	0.50	0.25
ENSG00000203923	0.00	0.00
ENSG00000203926	0.00	0.25
ENSG00000203933	0.00	0.00
ENSG00000203942	0.25	0.00
ENSG00000203943	29.25	8.75
ENSG00000203950	695.75	724.00
ENSG00000203952	2.00	1.00
ENSG00000203963	1.25	1.00
ENSG00000203965	256.75	118.25
ENSG00000203970	0.00	0.00
ENSG00000203972	0.00	0.00
ENSG00000203985	2.75	4.00
ENSG00000203989	2.00	0.00
ENSG00000203995	22.75	15.75
ENSG00000204001	0.00	0.00
ENSG00000204003	0.00	0.00
ENSG00000204006	0.25	0.00
ENSG00000204007	0.00	0.00
ENSG00000204010	1.00	0.50
ENSG00000204019	0.00	0.00
ENSG00000204020	0.00	0.00
ENSG00000204021	0.00	0.00

ENSG00000204022	0.50	0.50
ENSG00000204031	0.00	0.00
ENSG00000204033	0.00	0.00
ENSG00000204052	8.25	8.50
ENSG00000204053	0.00	0.00
ENSG00000204060	9.25	1.00
ENSG00000204065	0.00	0.25
ENSG00000204070	675.75	661.75
ENSG00000204071	0.25	0.50
ENSG00000204072	0.00	0.00
ENSG00000204084	539.50	421.75
ENSG00000204086	1.75	1.50
ENSG00000204099	0.25	0.75
ENSG00000204103	196.75	64.50
ENSG00000204104	711.50	462.75
ENSG00000204113	0.00	0.00
ENSG00000204116	525.25	388.25
ENSG00000204118	3.00	2.50
ENSG00000204120	2174.50	2123.00
ENSG00000204121	0.00	0.00
ENSG00000204128	4.25	4.00
ENSG00000204130	596.00	532.25
ENSG00000204131	534.25	352.50
ENSG00000204136	3.75	4.75
ENSG00000204138	567.50	493.00
ENSG00000204140	0.00	0.00
ENSG00000204147	127.25	68.25
ENSG00000204149	279.25	276.00
ENSG00000204152	205.00	185.75
ENSG00000204160	453.00	536.50
ENSG00000204161	0.00	0.25
ENSG00000204165	0.00	0.00
ENSG00000204172	187.00	148.00
ENSG00000204173	6.75	6.75
ENSG00000204174	9.50	4.25
ENSG00000204175	0.25	0.00
ENSG00000204176	188.00	103.25
ENSG00000204177	225.00	168.50
ENSG00000204178	539.75	428.00
ENSG00000204179	73.50	73.00
ENSG00000204183	6.75	3.25
ENSG00000204186	494.00	426.50
ENSG00000204188	2.50	2.75

ENSG00000204193	0.50	0.00
ENSG00000204194	0.00	0.00
ENSG00000204195	0.00	0.50
ENSG00000204196	10.75	12.25
ENSG00000204197	24.00	20.50
ENSG00000204209	55.00	45.50
ENSG00000204217	3458.25	3319.75
ENSG00000204219	297.25	161.25
ENSG00000204220	47.25	49.25
ENSG00000204221	166.25	165.00
ENSG00000204227	183.50	167.75
ENSG00000204228	12.75	9.75
ENSG00000204231	239.75	228.00
ENSG00000204237	241.25	236.00
ENSG00000204246	0.25	0.00
ENSG00000204248	8.75	7.75
ENSG00000204252	1.25	0.75
ENSG00000204253	0.75	0.50
ENSG00000204256	1542.50	1306.00
ENSG00000204257	55.25	33.50
ENSG00000204262	14993.50	17675.50
ENSG00000204264	68.50	40.75
ENSG00000204267	49.50	55.50
ENSG00000204271	105.50	92.25
ENSG00000204272	421.00	364.00
ENSG00000204278	0.00	0.00
ENSG00000204279	0.00	0.00
ENSG00000204287	0.00	0.00
ENSG00000204290	0.50	0.00
ENSG00000204291	1861.75	985.25
ENSG00000204293	0.00	0.00
ENSG00000204296	0.00	0.00
ENSG00000204300	0.00	0.00
ENSG00000204301	2.25	2.00
ENSG00000204304	369.00	255.25
ENSG00000204305	9.75	4.75
ENSG00000204308	61.75	49.50
ENSG00000204310	581.50	574.25
ENSG00000204311	58.50	51.50
ENSG00000204314	20.25	10.50
ENSG00000204315	32.25	27.00
ENSG00000204316	380.00	350.25
ENSG00000204323	5.50	5.25

ENSG00000204334	30.75	11.25
ENSG00000204335	13.25	1.25
ENSG00000204338	2.00	1.50
ENSG00000204344	64.25	64.00
ENSG00000204345	1.00	1.50
ENSG00000204347	0.00	0.00
ENSG00000204348	89.50	64.75
ENSG00000204351	111.25	100.00
ENSG00000204352	0.00	0.00
ENSG00000204356	295.25	288.00
ENSG00000204359	112.75	55.75
ENSG00000204361	2.50	1.00
ENSG00000204363	0.00	0.00
ENSG00000204364	145.00	95.50
ENSG00000204366	36.75	21.50
ENSG00000204368	0.25	0.00
ENSG00000204370	1425.25	1460.75
ENSG00000204371	73.75	40.25
ENSG00000204379	0.00	0.00
ENSG00000204381	2473.75	2116.00
ENSG00000204382	0.00	0.00
ENSG00000204385	0.00	0.25
ENSG00000204386	191.50	132.00
ENSG00000204387	818.50	728.00
ENSG00000204388	250.75	287.25
ENSG00000204389	582.50	443.50
ENSG00000204390	7.25	1.75
ENSG00000204392	40.00	27.25
ENSG00000204394	94.50	105.00
ENSG00000204396	5.50	3.50
ENSG00000204397	120.75	74.75
ENSG00000204399	0.00	0.00
ENSG00000204403	3.75	5.50
ENSG00000204406	775.25	499.25
ENSG00000204410	31.50	29.00
ENSG00000204414	0.00	0.00
ENSG00000204420	0.75	2.25
ENSG00000204421	0.00	0.00
ENSG00000204422	2.25	2.50
ENSG00000204424	0.00	0.00
ENSG00000204427	87.75	54.75
ENSG00000204428	10.50	11.25
ENSG00000204429	0.00	0.00

ENSG00000204434	0.00	0.25
ENSG00000204435	222.75	223.25
ENSG00000204437	0.00	0.25
ENSG00000204438	51.00	49.25
ENSG00000204439	42.00	10.00
ENSG00000204442	190.25	155.75
ENSG00000204444	14.50	9.50
ENSG00000204449	0.00	0.75
ENSG00000204450	0.00	0.25
ENSG00000204455	0.00	0.75
ENSG00000204456	0.00	0.00
ENSG00000204463	421.75	287.75
ENSG00000204469	95.25	73.25
ENSG00000204471	0.00	0.00
ENSG00000204472	0.00	0.00
ENSG00000204475	0.00	0.00
ENSG00000204478	0.00	0.50
ENSG00000204479	0.00	0.00
ENSG00000204480	0.00	0.00
ENSG00000204481	0.00	0.25
ENSG00000204482	0.00	2.50
ENSG00000204487	0.00	0.00
ENSG00000204490	0.00	0.00
ENSG00000204498	0.75	0.25
ENSG00000204501	0.25	0.00
ENSG00000204505	0.00	0.00
ENSG00000204510	0.00	0.00
ENSG00000204511	0.00	0.00
ENSG00000204514	209.25	174.50
ENSG00000204516	22.75	31.00
ENSG00000204518	3.75	8.00
ENSG00000204519	110.25	107.25
ENSG00000204520	42.25	62.75
ENSG00000204524	52.50	47.00
ENSG00000204525	813.00	674.75
ENSG00000204529	0.00	0.00
ENSG00000204531	7.50	2.75
ENSG00000204532	0.25	0.25
ENSG00000204536	46.00	47.25
ENSG00000204538	0.00	0.25
ENSG00000204539	1.25	0.00
ENSG00000204540	23.75	20.00
ENSG00000204542	0.00	0.00

ENSG00000204544	0.25	0.50
ENSG00000204547	0.25	0.00
ENSG00000204548	0.00	0.00
ENSG00000204555	0.00	0.00
ENSG00000204556	9.50	6.00
ENSG00000204560	124.50	143.25
ENSG00000204564	32.00	31.25
ENSG00000204568	91.50	77.50
ENSG00000204569	162.75	130.00
ENSG00000204571	12.00	9.25
ENSG00000204572	1.50	1.00
ENSG00000204574	360.25	376.25
ENSG00000204576	17.00	14.25
ENSG00000204577	3.25	2.50
ENSG00000204580	167.75	145.50
ENSG00000204583	0.00	0.00
ENSG00000204590	285.00	267.25
ENSG00000204592	1611.75	1839.50
ENSG00000204595	0.00	0.00
ENSG00000204599	19.50	21.25
ENSG00000204604	168.75	181.75
ENSG00000204610	0.00	0.00
ENSG00000204611	286.75	241.50
ENSG00000204612	0.00	0.00
ENSG00000204613	0.00	0.00
ENSG00000204614	0.00	0.00
ENSG00000204616	0.00	0.00
ENSG00000204618	3.50	1.25
ENSG00000204619	125.50	88.75
ENSG00000204622	6.25	6.00
ENSG00000204624	2.25	1.75
ENSG00000204628	21539.25	19155.75
ENSG00000204632	0.25	0.25
ENSG00000204634	255.00	231.25
ENSG00000204637	0.00	0.00
ENSG00000204640	0.00	0.00
ENSG00000204642	6.25	4.50
ENSG00000204644	0.00	0.00
ENSG00000204648	0.00	0.00
ENSG00000204652	0.25	0.25
ENSG00000204653	6.25	5.25
ENSG00000204655	0.50	0.00
ENSG00000204657	0.00	0.00

ENSG00000204658	0.00	0.00
ENSG00000204659	5.25	2.25
ENSG00000204662	0.00	0.00
ENSG00000204663	0.00	0.00
ENSG00000204669	0.00	0.00
ENSG00000204670	0.00	0.00
ENSG00000204671	0.00	0.00
ENSG00000204673	1526.50	1363.50
ENSG00000204677	4.25	5.75
ENSG00000204681	491.25	513.50
ENSG00000204682	42.00	35.75
ENSG00000204683	0.00	0.00
ENSG00000204687	0.00	0.00
ENSG00000204688	0.00	0.00
ENSG00000204689	0.00	0.00
ENSG00000204690	0.00	0.00
ENSG00000204692	0.00	0.00
ENSG00000204694	0.00	0.25
ENSG00000204695	0.00	0.00
ENSG00000204697	0.00	0.00
ENSG00000204699	0.00	0.00
ENSG00000204700	0.00	0.00
ENSG00000204701	0.00	0.00
ENSG00000204702	0.00	0.00
ENSG00000204703	0.00	0.00
ENSG00000204704	0.00	0.00
ENSG00000204705	0.00	0.00
ENSG00000204710	0.50	0.50
ENSG00000204711	0.25	0.25
ENSG00000204713	302.75	273.25
ENSG00000204717	0.00	0.00
ENSG00000204718	0.00	0.00
ENSG00000204740	8.00	4.25
ENSG00000204745	57.50	87.50
ENSG00000204764	22.50	23.25
ENSG00000204767	69.50	34.75
ENSG00000204776	0.00	0.00
ENSG00000204778	1.00	2.50
ENSG00000204779	5.75	2.75
ENSG00000204780	0.00	0.00
ENSG00000204787	0.00	0.00
ENSG00000204789	41.00	21.50
ENSG00000204790	1.00	2.50

ENSG00000204801	0.00	0.00
ENSG00000204805	0.00	0.00
ENSG00000204815	32.00	27.00
ENSG00000204816	0.00	0.00
ENSG00000204818	0.00	0.00
ENSG00000204822	344.75	280.25
ENSG00000204837	0.75	1.25
ENSG00000204839	42.75	51.50
ENSG00000204842	1247.75	1478.25
ENSG00000204843	8360.75	7995.75
ENSG00000204849	0.00	0.00
ENSG00000204851	134.00	111.25
ENSG00000204852	1015.50	746.00
ENSG00000204856	156.25	157.75
ENSG00000204859	211.00	202.25
ENSG00000204866	1.00	2.75
ENSG00000204869	18.00	12.25
ENSG00000204872	0.00	0.00
ENSG00000204873	0.00	0.00
ENSG00000204880	0.00	0.00
ENSG00000204882	3.50	0.50
ENSG00000204887	0.00	0.00
ENSG00000204889	0.00	0.00
ENSG00000204894	0.00	0.25
ENSG00000204897	0.00	0.00
ENSG00000204899	141.00	157.50
ENSG00000204909	15.75	13.50
ENSG00000204913	0.50	0.00
ENSG00000204915	0.00	0.00
ENSG00000204918	0.00	0.00
ENSG00000204919	0.00	0.00
ENSG00000204920	155.50	107.50
ENSG00000204922	144.50	148.25
ENSG00000204923	74.25	55.50
ENSG00000204928	0.00	0.00
ENSG00000204930	5.00	2.25
ENSG00000204933	1.25	0.00
ENSG00000204936	25.25	13.25
ENSG00000204941	1943.75	933.75
ENSG00000204946	288.50	314.50
ENSG00000204947	165.00	106.75
ENSG00000204950	0.00	0.00
ENSG00000204952	0.25	0.25

ENSG00000204954	101.75	91.00
ENSG00000204956	122.75	85.25
ENSG00000204959	210.50	181.75
ENSG00000204960	0.25	0.75
ENSG00000204961	6.75	4.00
ENSG00000204962	2.25	3.25
ENSG00000204963	6.50	4.75
ENSG00000204965	0.75	3.25
ENSG00000204967	54.50	42.25
ENSG00000204969	1.25	1.00
ENSG00000204970	1.25	1.25
ENSG00000204977	587.00	555.25
ENSG00000204978	0.00	0.00
ENSG00000204979	0.00	0.00
ENSG00000204982	0.00	0.00
ENSG00000204983	0.00	0.00
ENSG00000204989	0.00	0.00
ENSG00000204991	156.25	86.50
ENSG00000204993	0.00	0.25
ENSG00000205002	3.50	7.00
ENSG00000205022	0.00	0.00
ENSG00000205025	0.00	0.00
ENSG00000205029	0.00	0.00
ENSG00000205030	0.00	0.00
ENSG00000205035	0.00	0.00
ENSG00000205038	0.25	0.25
ENSG00000205044	0.00	0.00
ENSG00000205045	18.75	21.50
ENSG00000205057	0.75	0.25
ENSG00000205060	653.00	623.75
ENSG00000205076	0.00	0.00
ENSG00000205078	7.75	6.25
ENSG00000205084	290.50	204.00
ENSG00000205085	85.75	73.75
ENSG00000205086	9.25	12.50
ENSG00000205089	2.75	14.00
ENSG00000205090	65.50	64.50
ENSG00000205097	0.50	0.50
ENSG00000205100	0.00	0.00
ENSG00000205105	0.00	0.00
ENSG00000205108	4.75	2.00
ENSG00000205111	5.25	8.25
ENSG00000205116	1.00	0.25

ENSG00000205126	0.00	0.00
ENSG00000205129	12.50	11.00
ENSG00000205133	697.25	619.50
ENSG00000205138	127.00	118.25
ENSG00000205143	3.25	3.75
ENSG00000205155	411.75	409.75
ENSG00000205176	11.25	10.00
ENSG00000205177	1.00	1.25
ENSG00000205184	0.00	0.00
ENSG00000205186	0.00	0.00
ENSG00000205189	404.00	457.25
ENSG00000205208	918.00	330.50
ENSG00000205209	12.75	10.25
ENSG00000205212	0.50	2.00
ENSG00000205213	586.25	245.50
ENSG00000205215	0.75	0.50
ENSG00000205220	385.00	376.50
ENSG00000205221	186.50	209.00
ENSG00000205236	172.00	123.25
ENSG00000205238	23.75	20.50
ENSG00000205240	0.50	1.00
ENSG00000205250	911.00	1055.00
ENSG00000205266	0.50	0.75
ENSG00000205267	0.25	0.00
ENSG00000205268	283.75	220.25
ENSG00000205269	113.75	132.25
ENSG00000205274	0.25	0.00
ENSG00000205277	20.50	24.50
ENSG00000205279	0.00	0.00
ENSG00000205301	0.00	0.00
ENSG00000205302	1975.50	1411.00
ENSG00000205307	13.25	19.50
ENSG00000205309	35.00	21.00
ENSG00000205312	1.25	0.00
ENSG00000205318	0.25	0.00
ENSG00000205323	744.00	631.50
ENSG00000205327	0.00	0.00
ENSG00000205328	0.00	0.00
ENSG00000205329	0.00	0.00
ENSG00000205330	0.00	0.00
ENSG00000205331	0.00	0.00
ENSG00000205333	0.50	0.25
ENSG00000205336	70.00	48.50

ENSG00000205339	3524.50	3848.50
ENSG00000205352	1682.75	2014.75
ENSG00000205356	758.00	831.00
ENSG00000205358	0.25	1.50
ENSG00000205359	0.00	0.00
ENSG00000205360	0.00	0.00
ENSG00000205361	0.00	0.50
ENSG00000205362	3.25	4.00
ENSG00000205363	78.50	26.00
ENSG00000205364	13.75	69.25
ENSG00000205403	85.25	48.25
ENSG00000205409	0.00	0.00
ENSG00000205412	0.25	0.00
ENSG00000205413	528.75	458.00
ENSG00000205420	0.00	0.00
ENSG00000205423	339.00	322.50
ENSG00000205426	0.75	2.25
ENSG00000205433	0.00	0.00
ENSG00000205436	11.75	6.75
ENSG00000205439	0.00	0.25
ENSG00000205442	0.00	0.00
ENSG00000205445	0.00	0.00
ENSG00000205449	0.00	0.00
ENSG00000205456	15.00	9.50
ENSG00000205457	0.00	0.50
ENSG00000205464	127.75	86.75
ENSG00000205476	341.75	196.25
ENSG00000205482	1.75	1.75
ENSG00000205485	31.25	23.50
ENSG00000205494	0.00	0.00
ENSG00000205495	0.00	0.00
ENSG00000205496	0.00	0.00
ENSG00000205497	0.00	0.00
ENSG00000205502	0.00	0.00
ENSG00000205517	98.00	112.25
ENSG00000205531	1081.75	979.00
ENSG00000205534	74.00	50.25
ENSG00000205542	41232.25	32629.00
ENSG00000205544	284.00	251.25
ENSG00000205549	1.75	2.00
ENSG00000205560	63.75	69.50
ENSG00000205571	127.25	126.75
ENSG00000205572	33.25	61.75

ENSG00000205578	19.75	16.50
ENSG00000205579	0.25	0.00
ENSG00000205581	2561.50	1554.75
ENSG00000205583	94.75	91.25
ENSG00000205584	0.25	0.25
ENSG00000205593	142.25	128.25
ENSG00000205596	0.25	0.00
ENSG00000205609	621.50	460.50
ENSG00000205625	5.75	7.25
ENSG00000205629	401.00	350.50
ENSG00000205639	11.25	11.00
ENSG00000205642	0.00	0.00
ENSG00000205643	142.50	108.75
ENSG00000205644	0.50	0.50
ENSG00000205649	3.50	3.25
ENSG00000205659	142.50	174.50
ENSG00000205667	0.00	0.00
ENSG00000205669	0.25	0.00
ENSG00000205670	75.00	78.00
ENSG00000205677	0.00	0.00
ENSG00000205678	10.00	8.00
ENSG00000205683	171.50	77.25
ENSG00000205693	2.00	3.50
ENSG00000205695	0.00	0.00
ENSG00000205702	4.25	2.25
ENSG00000205704	0.25	0.00
ENSG00000205707	277.25	216.75
ENSG00000205710	20.00	11.75
ENSG00000205716	0.25	0.00
ENSG00000205718	0.00	0.00
ENSG00000205726	1457.00	1682.75
ENSG00000205730	2101.75	2631.75
ENSG00000205744	1.00	1.00
ENSG00000205746	928.25	1072.00
ENSG00000205754	0.50	0.00
ENSG00000205755	1.25	1.50
ENSG00000205758	445.25	307.50
ENSG00000205763	102.00	90.50
ENSG00000205765	1068.50	1274.75
ENSG00000205767	0.00	0.00
ENSG00000205771	34.00	16.25
ENSG00000205777	1.00	2.25
ENSG00000205784	0.50	1.00

ENSG00000205794	2.50	1.75
ENSG00000205795	122.25	82.00
ENSG00000205808	185.25	175.50
ENSG00000205809	0.00	0.25
ENSG00000205810	0.00	0.00
ENSG00000205822	15.50	15.00
ENSG00000205832	1.75	1.00
ENSG00000205835	4.50	10.75
ENSG00000205838	11.00	14.25
ENSG00000205846	0.00	0.00
ENSG00000205847	0.25	0.00
ENSG00000205853	4.00	4.00
ENSG00000205856	1.75	1.50
ENSG00000205857	0.25	0.25
ENSG00000205858	0.00	0.00
ENSG00000205863	244.00	162.00
ENSG00000205864	0.00	0.00
ENSG00000205867	0.00	0.00
ENSG00000205869	0.00	0.00
ENSG00000205871	1.25	0.75
ENSG00000205879	13.50	10.50
ENSG00000205882	0.00	0.00
ENSG00000205883	0.00	0.00
ENSG00000205884	0.00	0.00
ENSG00000205897	0.00	0.00
ENSG00000205898	4.00	7.25
ENSG00000205899	0.00	0.50
ENSG00000205903	544.00	465.00
ENSG00000205916	0.00	0.00
ENSG00000205918	167.25	116.25
ENSG00000205922	7.75	6.25
ENSG00000205923	127.00	57.50
ENSG00000205927	0.25	0.00
ENSG00000205929	3.75	4.25
ENSG00000205936	0.00	0.00
ENSG00000205937	1409.75	1560.00
ENSG00000205940	17.75	9.50
ENSG00000205944	0.00	0.00
ENSG00000205946	0.25	0.00
ENSG00000205955	0.75	0.50
ENSG00000205976	0.00	0.25
ENSG00000205978	2390.50	981.50
ENSG00000205981	380.50	372.25

ENSG00000205989	0.00	0.50
ENSG00000206013	0.00	0.00
ENSG00000206014	0.00	0.00
ENSG00000206026	0.00	0.00
ENSG00000206034	0.00	0.50
ENSG00000206042	0.00	0.00
ENSG00000206043	0.00	0.00
ENSG00000206047	0.00	0.00
ENSG00000206052	310.25	124.00
ENSG00000206053	621.25	588.50
ENSG00000206066	0.00	0.25
ENSG00000206069	0.00	0.00
ENSG00000206072	1.75	0.50
ENSG00000206073	0.00	0.00
ENSG00000206075	0.50	0.75
ENSG00000206077	1.00	1.50
ENSG00000206090	0.00	0.00
ENSG00000206102	0.00	0.00
ENSG00000206104	0.00	0.00
ENSG00000206105	0.00	0.00
ENSG00000206106	0.00	0.00
ENSG00000206107	0.00	0.00
ENSG00000206113	1.25	1.00
ENSG00000206120	2.00	1.00
ENSG00000206127	47.75	18.00
ENSG00000206144	0.00	0.00
ENSG00000206145	3.25	1.75
ENSG00000206147	0.25	0.25
ENSG00000206149	333.75	289.75
ENSG00000206150	0.25	0.00
ENSG00000206159	11.00	12.00
ENSG00000206168	1.25	1.00
ENSG00000206172	18.50	2.50
ENSG00000206177	0.00	0.00
ENSG00000206178	0.00	0.00
ENSG00000206181	1.25	0.75
ENSG00000206190	175.75	445.50
ENSG00000206192	1.25	0.50
ENSG00000206199	3.50	3.00
ENSG00000206203	5.75	2.50
ENSG00000206206	170.00	120.75
ENSG00000206208	388.00	417.00
ENSG00000206228	0.75	1.00

ENSG00000206235	9.00	15.00
ENSG00000206237	0.00	0.00
ENSG00000206240	0.00	0.25
ENSG00000206245	0.00	0.00
ENSG00000206256	33.50	9.00
ENSG00000206258	763.50	484.25
ENSG00000206260	0.00	0.00
ENSG00000206262	10.50	9.00
ENSG00000206268	140.00	115.00
ENSG00000206279	19.50	17.25
ENSG00000206280	30.25	23.00
ENSG00000206281	452.00	440.75
ENSG00000206282	395.50	295.25
ENSG00000206283	57.00	55.50
ENSG00000206284	27.25	46.50
ENSG00000206285	10.75	44.50
ENSG00000206286	62.00	78.50
ENSG00000206287	52.75	2.50
ENSG00000206288	606.25	476.25
ENSG00000206289	32.00	36.00
ENSG00000206290	2.00	0.75
ENSG00000206291	2.25	3.75
ENSG00000206292	0.50	0.25
ENSG00000206297	125.50	94.00
ENSG00000206298	68.50	40.75
ENSG00000206299	74.25	77.00
ENSG00000206301	0.00	0.00
ENSG00000206302	0.00	0.00
ENSG00000206305	0.00	0.00
ENSG00000206306	0.00	0.25
ENSG00000206308	0.00	0.00
ENSG00000206310	0.25	0.00
ENSG00000206312	2.25	2.00
ENSG00000206314	17.50	16.50
ENSG00000206315	25.00	24.00
ENSG00000206320	7.25	4.75
ENSG00000206324	78.75	105.75
ENSG00000206329	38.00	41.75
ENSG00000206331	18.25	16.75
ENSG00000206338	0.25	0.00
ENSG00000206340	82.75	54.00
ENSG00000206341	11.50	10.00
ENSG00000206342	10.00	18.00

ENSG00000206344	18.75	12.75
ENSG00000206346	51.75	46.00
ENSG00000206353	296.50	264.75
ENSG00000206355	17.00	12.00
ENSG00000206356	1.75	0.75
ENSG00000206357	140.00	115.00
ENSG00000206366	5.25	4.50
ENSG00000206372	65.00	49.50
ENSG00000206376	779.00	555.50
ENSG00000206378	0.00	0.25
ENSG00000206379	437.25	487.50
ENSG00000206380	846.75	745.00
ENSG00000206383	26.75	27.50
ENSG00000206384	1888.00	895.00
ENSG00000206394	509.50	515.75
ENSG00000206395	250.75	191.75
ENSG00000206396	0.50	0.25
ENSG00000206398	0.50	0.00
ENSG00000206401	0.00	0.00
ENSG00000206402	0.25	0.25
ENSG00000206403	51.25	41.50
ENSG00000206404	3.25	2.00
ENSG00000206406	168.75	131.75
ENSG00000206408	56.00	33.25
ENSG00000206409	7.50	6.25
ENSG00000206412	250.25	248.00
ENSG00000206418	794.25	844.50
ENSG00000206422	0.00	0.00
ENSG00000206427	251.75	203.75
ENSG00000206428	0.00	0.00
ENSG00000206430	0.00	0.00
ENSG00000206432	2.75	0.75
ENSG00000206433	0.00	0.00
ENSG00000206435	61.25	60.00
ENSG00000206437	0.00	0.00
ENSG00000206439	0.00	0.00
ENSG00000206440	58.75	46.50
ENSG00000206444	2.25	0.00
ENSG00000206445	12.50	9.75
ENSG00000206447	0.00	0.00
ENSG00000206448	0.00	0.00
ENSG00000206449	8.50	4.50
ENSG00000206450	185.75	148.25

ENSG00000206452	832.00	482.50
ENSG00000206454	0.25	0.00
ENSG00000206455	23.50	13.25
ENSG00000206457	41.00	25.75
ENSG00000206458	0.00	0.25
ENSG00000206459	0.50	0.75
ENSG00000206460	0.00	0.00
ENSG00000206461	0.00	0.00
ENSG00000206463	1.25	0.25
ENSG00000206465	0.00	0.00
ENSG00000206466	25.00	30.00
ENSG00000206467	0.00	0.00
ENSG00000206468	0.00	0.00
ENSG00000206470	0.00	0.00
ENSG00000206471	0.00	0.00
ENSG00000206472	0.00	0.25
ENSG00000206474	0.00	0.00
ENSG00000206476	79.25	89.75
ENSG00000206478	27.00	9.75
ENSG00000206480	437.25	487.50
ENSG00000206481	4.00	3.75
ENSG00000206483	1.00	0.75
ENSG00000206484	23.00	14.25
ENSG00000206485	39.75	25.50
ENSG00000206486	3.75	4.25
ENSG00000206487	24.25	15.00
ENSG00000206488	26.50	16.75
ENSG00000206489	181.00	121.25
ENSG00000206490	260.50	247.75
ENSG00000206491	41.25	30.75
ENSG00000206492	44.25	37.00
ENSG00000206493	1232.75	1371.50
ENSG00000206495	0.25	0.25
ENSG00000206500	0.00	0.00
ENSG00000206501	11.25	19.00
ENSG00000206502	0.00	0.00
ENSG00000206503	3963.00	2379.75
ENSG00000206505	40.75	41.25
ENSG00000206506	0.00	0.00
ENSG00000206507	0.00	0.00
ENSG00000206509	8.50	5.75
ENSG00000206510	0.00	0.00
ENSG00000206511	17.00	19.50

ENSG00000206512	0.00	0.00
ENSG00000206513	0.00	0.00
ENSG00000206515	0.00	0.00
ENSG00000206516	0.00	0.00
ENSG00000206517	0.00	0.25
ENSG00000206519	0.00	0.00
ENSG00000206522	0.00	0.00
ENSG00000206523	0.00	0.00
ENSG00000206524	0.00	0.00
ENSG00000206525	0.00	0.00
ENSG00000206526	0.00	0.00
ENSG00000206527	516.75	739.75
ENSG00000206530	299.00	182.75
ENSG00000206531	0.25	0.75
ENSG00000206535	69.75	63.50
ENSG00000206536	0.00	0.00
ENSG00000206538	8171.25	17219.25
ENSG00000206549	1.50	0.25
ENSG00000206557	1.00	1.00
ENSG00000206559	29.50	20.75
ENSG00000206560	4490.50	6095.50
ENSG00000206561	62.25	24.75
ENSG00000206562	271.25	238.00
ENSG00000206579	8.00	6.25
ENSG00000211445	1856.00	20692.25
ENSG00000211448	367.75	933.00
ENSG00000211450	544.25	594.75
ENSG00000211451	48.75	38.50
ENSG00000211452	3.50	1.50
ENSG00000211454	11.25	12.25
ENSG00000211455	468.50	598.75
ENSG00000211456	918.25	926.00
ENSG00000211460	1154.00	1034.75
ENSG00000211584	564.00	558.00
ENSG00000211592	0.00	0.00
ENSG00000211593	0.00	0.00
ENSG00000211594	0.00	0.00
ENSG00000211595	0.00	0.00
ENSG00000211596	0.00	0.00
ENSG00000211597	0.00	0.00
ENSG00000211598	0.00	0.00
ENSG00000211599	0.00	0.00
ENSG00000211611	0.00	0.00

ENSG00000211623	0.00	0.00
ENSG00000211625	0.00	0.00
ENSG00000211626	0.00	0.00
ENSG00000211632	0.00	0.00
ENSG00000211633	0.00	0.00
ENSG00000211637	0.00	0.00
ENSG00000211638	0.00	0.00
ENSG00000211639	0.00	0.00
ENSG00000211640	0.00	0.00
ENSG00000211641	0.00	0.00
ENSG00000211642	0.00	0.00
ENSG00000211643	22.50	22.25
ENSG00000211644	1.75	3.25
ENSG00000211645	0.00	0.25
ENSG00000211647	0.00	0.00
ENSG00000211648	0.00	0.00
ENSG00000211649	0.00	0.00
ENSG00000211650	0.00	0.00
ENSG00000211651	0.00	0.00
ENSG00000211652	0.00	0.00
ENSG00000211653	0.00	0.00
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ENSG00000211655	0.00	0.00
ENSG00000211656	0.00	0.00
ENSG00000211657	0.00	0.00
ENSG00000211658	0.00	0.00
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ENSG00000211662	0.00	0.00
ENSG00000211663	0.00	0.00
ENSG00000211664	0.00	0.00
ENSG00000211665	0.00	0.00
ENSG00000211666	0.00	0.00
ENSG00000211667	0.00	0.00
ENSG00000211668	0.00	0.00
ENSG00000211669	0.00	0.00
ENSG00000211670	0.00	0.00
ENSG00000211672	0.00	0.00
ENSG00000211673	0.00	0.00
ENSG00000211674	0.00	0.00
ENSG00000211675	0.00	0.00
ENSG00000211676	0.00	0.00

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ENSG00000211679	0.00	0.00
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ENSG00000211689	0.00	0.00
ENSG00000211690	0.00	0.00
ENSG00000211691	0.00	0.00
ENSG00000211692	0.00	0.00
ENSG00000211693	0.00	0.00
ENSG00000211694	0.00	0.00
ENSG00000211695	0.00	0.00
ENSG00000211696	1.00	0.25
ENSG00000211697	2.25	0.00
ENSG00000211698	0.00	0.00
ENSG00000211699	0.00	0.00
ENSG00000211701	0.00	0.00
ENSG00000211706	0.00	0.00
ENSG00000211707	0.00	0.00
ENSG00000211710	0.00	0.00
ENSG00000211713	0.00	0.00
ENSG00000211714	0.00	0.25
ENSG00000211715	0.00	0.00
ENSG00000211716	0.00	0.00
ENSG00000211717	0.00	0.00
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ENSG00000211721	0.00	0.00
ENSG00000211724	0.00	0.25
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ENSG00000211727	0.00	0.00
ENSG00000211728	0.00	0.00
ENSG00000211731	0.00	0.00
ENSG00000211734	0.00	0.00
ENSG00000211739	0.00	0.00
ENSG00000211745	0.00	0.00
ENSG00000211746	0.00	0.00
ENSG00000211747	0.00	0.25
ENSG00000211749	0.00	0.00

ENSG00000211750	0.00	0.00
ENSG00000211751	0.25	0.50
ENSG00000211752	0.00	0.00
ENSG00000211753	0.00	0.00
ENSG00000211764	0.00	0.00
ENSG00000211765	0.00	0.25
ENSG00000211766	0.00	0.00
ENSG00000211767	0.75	1.25
ENSG00000211768	0.00	0.25
ENSG00000211769	0.00	0.00
ENSG00000211770	0.00	0.00
ENSG00000211771	0.00	0.00
ENSG00000211772	0.00	0.00
ENSG00000211776	0.00	0.00
ENSG00000211777	0.00	0.00
ENSG00000211778	0.00	0.00
ENSG00000211779	0.00	0.00
ENSG00000211780	0.00	0.00
ENSG00000211781	0.00	0.00
ENSG00000211782	0.00	0.00
ENSG00000211783	0.00	0.00
ENSG00000211784	0.00	0.00
ENSG00000211785	0.00	0.00
ENSG00000211786	0.00	0.00
ENSG00000211787	0.00	0.00
ENSG00000211788	0.00	0.00
ENSG00000211789	0.00	0.00
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ENSG00000211794	0.00	0.00
ENSG00000211795	0.00	0.00
ENSG00000211796	0.00	0.00
ENSG00000211797	0.00	0.00
ENSG00000211798	0.00	0.00
ENSG00000211799	0.00	0.00
ENSG00000211800	0.00	0.00
ENSG00000211801	0.00	0.00
ENSG00000211802	0.00	0.00
ENSG00000211803	0.00	0.00
ENSG00000211804	0.00	0.00
ENSG00000211805	0.00	0.00

ENSG00000211806	0.00	0.00
ENSG00000211807	0.00	0.00
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ENSG00000211809	0.00	0.00
ENSG00000211810	0.00	0.00
ENSG00000211812	0.00	0.00
ENSG00000211813	0.00	0.00
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ENSG00000211817	0.00	0.00
ENSG00000211818	0.00	0.00
ENSG00000211819	0.00	0.00
ENSG00000211820	0.00	0.00
ENSG00000211821	0.00	0.00
ENSG00000211825	0.00	0.00
ENSG00000211826	0.00	0.00
ENSG00000211827	0.00	0.00
ENSG00000211828	0.00	0.00
ENSG00000211829	0.00	0.50
ENSG00000211831	0.00	0.00
ENSG00000211832	0.00	0.00
ENSG00000211833	0.00	0.00
ENSG00000211834	0.00	0.00
ENSG00000211835	0.00	0.00
ENSG00000211836	0.00	0.00
ENSG00000211837	0.00	0.00
ENSG00000211838	0.00	0.00
ENSG00000211839	0.00	0.00
ENSG00000211840	0.00	0.00
ENSG00000211841	0.00	0.00
ENSG00000211842	0.00	0.00
ENSG00000211843	0.00	0.00
ENSG00000211844	0.00	0.00
ENSG00000211845	0.00	0.00
ENSG00000211846	0.00	0.00
ENSG00000211847	0.00	0.00
ENSG00000211848	0.00	0.00
ENSG00000211849	0.00	0.00
ENSG00000211850	0.00	0.00
ENSG00000211851	0.00	0.00
ENSG00000211854	0.00	0.00
ENSG00000211855	0.00	0.00

ENSG00000211856	0.00	0.00
ENSG00000211857	0.00	0.00
ENSG00000211858	0.00	0.00
ENSG00000211859	0.00	0.00
ENSG00000211860	0.00	0.00
ENSG00000211861	0.00	0.00
ENSG00000211862	0.00	0.00
ENSG00000211863	0.00	0.00
ENSG00000211864	0.00	0.00
ENSG00000211865	0.00	0.00
ENSG00000211866	0.00	0.00
ENSG00000211867	0.00	0.00
ENSG00000211868	0.00	0.00
ENSG00000211869	0.00	0.00
ENSG00000211870	0.00	0.00
ENSG00000211871	0.00	0.00
ENSG00000211872	0.00	0.00
ENSG00000211873	0.00	0.00
ENSG00000211875	0.00	0.00
ENSG00000211876	0.00	0.00
ENSG00000211877	0.00	0.00
ENSG00000211878	0.00	0.00
ENSG00000211879	0.00	0.00
ENSG00000211880	0.00	0.00
ENSG00000211881	0.00	0.00
ENSG00000211882	0.00	0.00
ENSG00000211883	0.00	0.00
ENSG00000211884	0.00	0.00
ENSG00000211885	0.00	0.00
ENSG00000211886	0.00	0.00
ENSG00000211887	0.00	0.00
ENSG00000211888	0.00	0.00
ENSG00000211890	0.00	0.00
ENSG00000211891	0.00	0.00
ENSG00000211892	0.00	0.00
ENSG00000211893	0.00	0.00
ENSG00000211895	0.00	0.00
ENSG00000211896	0.00	0.00
ENSG00000211897	0.00	0.00
ENSG00000211898	0.00	0.00
ENSG00000211899	0.00	0.00
ENSG00000211900	0.00	0.00
ENSG00000211904	0.00	0.00

ENSG00000211905	0.00	0.00
ENSG00000211907	0.00	0.00
ENSG00000211909	0.00	0.00
ENSG00000211911	0.00	0.00
ENSG00000211912	0.00	0.00
ENSG00000211914	0.00	0.00
ENSG00000211915	0.00	0.00
ENSG00000211917	0.00	0.00
ENSG00000211918	0.00	0.00
ENSG00000211920	0.00	0.00
ENSG00000211921	0.00	0.00
ENSG00000211923	0.00	0.00
ENSG00000211924	0.00	0.00
ENSG00000211925	0.00	0.00
ENSG00000211928	0.00	0.00
ENSG00000211930	0.00	0.00
ENSG00000211931	0.00	0.00
ENSG00000211933	0.00	0.00
ENSG00000211934	0.00	0.00
ENSG00000211935	0.00	0.00
ENSG00000211937	0.00	0.00
ENSG00000211938	0.00	0.00
ENSG00000211941	0.00	0.00
ENSG00000211942	0.00	0.00
ENSG00000211943	0.00	0.00
ENSG00000211944	0.00	0.00
ENSG00000211945	0.00	0.00
ENSG00000211946	0.00	0.00
ENSG00000211947	0.00	0.00
ENSG00000211949	0.00	0.00
ENSG00000211950	0.00	0.00
ENSG00000211951	0.00	0.00
ENSG00000211952	0.00	0.00
ENSG00000211955	0.00	0.00
ENSG00000211956	0.00	0.00
ENSG00000211957	0.00	0.00
ENSG00000211958	0.00	0.00
ENSG00000211959	0.00	0.00
ENSG00000211961	0.00	0.25
ENSG00000211962	0.00	0.00
ENSG00000211964	0.00	0.00
ENSG00000211965	0.00	0.00
ENSG00000211966	0.00	0.00

ENSG00000211967	0.00	0.00
ENSG00000211968	0.00	0.00
ENSG00000211970	0.00	0.00
ENSG00000211972	0.00	0.00
ENSG00000211973	0.00	0.00
ENSG00000211974	0.00	0.00
ENSG00000211976	0.00	0.00
ENSG00000211978	0.00	0.00
ENSG00000211979	0.00	0.00
ENSG00000212122	0.25	1.00
ENSG00000212123	11.00	13.00
ENSG00000212124	1.00	0.75
ENSG00000212125	1.25	1.25
ENSG00000212126	0.00	0.25
ENSG00000212127	6.00	4.00
ENSG00000212128	0.25	0.25
ENSG00000212643	10.00	2.25
ENSG00000212657	0.00	0.25
ENSG00000212658	0.00	0.00
ENSG00000212659	0.25	0.25
ENSG00000212664	4.25	0.50
ENSG00000212695	0.25	0.00
ENSG00000212710	0.25	0.00
ENSG00000212712	0.00	0.00
ENSG00000212717	0.00	0.00
ENSG00000212719	575.25	456.50
ENSG00000212721	0.00	0.00
ENSG00000212722	0.00	0.00
ENSG00000212724	0.25	0.25
ENSG00000212725	0.00	0.25
ENSG00000212747	680.25	619.25
ENSG00000212769	0.00	0.25
ENSG00000212789	1.25	0.50
ENSG00000212802	7.50	9.25
ENSG00000212807	1.75	0.00
ENSG00000212829	0.75	0.50
ENSG00000212864	56.00	42.75
ENSG00000212866	670.75	659.00
ENSG00000212899	0.00	0.00
ENSG00000212900	0.00	0.00
ENSG00000212901	0.00	0.00
ENSG00000212907	7174.00	7170.50
ENSG00000212916	37.25	35.50

ENSG00000212932	4.50	7.50
ENSG00000212933	0.00	0.00
ENSG00000212935	0.00	0.00
ENSG00000212938	0.00	0.00
ENSG00000212951	0.00	4.25
ENSG00000212952	5.75	1.50
ENSG00000212961	0.75	0.50
ENSG00000212989	0.00	0.00
ENSG00000212993	4.75	3.00
ENSG00000212994	0.75	0.00
ENSG00000213003	0.00	0.00
ENSG00000213005	0.00	0.00
ENSG00000213013	2.25	1.25
ENSG00000213014	0.25	0.25
ENSG00000213015	377.75	389.00
ENSG00000213016	0.00	0.00
ENSG00000213018	0.25	1.50
ENSG00000213020	199.00	165.00
ENSG00000213022	0.00	0.00
ENSG00000213023	2.00	4.50
ENSG00000213024	892.75	727.00
ENSG00000213025	1.00	0.00
ENSG00000213026	0.00	0.00
ENSG00000213028	0.00	0.25
ENSG00000213029	0.00	0.00
ENSG00000213030	0.00	0.00
ENSG00000213032	0.00	0.00
ENSG00000213033	0.50	0.75
ENSG00000213035	0.50	0.75
ENSG00000213036	0.25	0.00
ENSG00000213041	0.75	0.25
ENSG00000213045	0.25	0.50
ENSG00000213046	0.00	0.00
ENSG00000213047	194.00	139.25
ENSG00000213048	0.00	0.25
ENSG00000213049	0.00	0.00
ENSG00000213050	0.00	0.00
ENSG00000213051	0.00	0.00
ENSG00000213055	0.00	0.25
ENSG00000213058	1.25	3.00
ENSG00000213060	0.25	0.25
ENSG00000213061	0.50	0.50
ENSG00000213063	0.00	0.25

ENSG00000213064	1519.50	2230.25
ENSG00000213065	0.00	0.00
ENSG00000213066	351.00	255.25
ENSG00000213067	0.00	0.00
ENSG00000213068	0.25	0.00
ENSG00000213069	0.00	0.00
ENSG00000213070	0.00	0.25
ENSG00000213071	6.50	6.75
ENSG00000213073	106.75	65.75
ENSG00000213075	0.25	0.00
ENSG00000213076	0.25	0.00
ENSG00000213077	31.00	26.00
ENSG00000213078	0.00	0.00
ENSG00000213079	1248.25	1086.00
ENSG00000213080	0.25	0.00
ENSG00000213081	0.25	0.00
ENSG00000213082	0.00	0.00
ENSG00000213083	0.00	0.00
ENSG00000213085	22.25	19.50
ENSG00000213087	0.50	0.25
ENSG00000213088	0.00	1.00
ENSG00000213089	3.50	2.75
ENSG00000213090	1.50	3.25
ENSG00000213091	0.00	0.00
ENSG00000213096	205.00	184.00
ENSG00000213100	0.00	0.00
ENSG00000213104	0.25	0.25
ENSG00000213107	0.00	0.00
ENSG00000213108	0.00	0.00
ENSG00000213109	0.00	0.50
ENSG00000213110	0.00	0.00
ENSG00000213111	0.50	0.00
ENSG00000213113	0.00	0.00
ENSG00000213115	0.00	0.00
ENSG00000213117	0.00	0.00
ENSG00000213118	0.00	0.00
ENSG00000213120	0.00	0.00
ENSG00000213122	0.00	0.25
ENSG00000213123	71.00	78.50
ENSG00000213126	0.00	0.00
ENSG00000213128	0.00	0.00
ENSG00000213130	0.00	0.25
ENSG00000213131	3.25	2.50

ENSG00000213133	0.00	0.00
ENSG00000213137	0.00	0.00
ENSG00000213139	38.75	38.75
ENSG00000213140	0.00	0.00
ENSG00000213144	4.75	6.75
ENSG00000213145	14.75	11.00
ENSG00000213147	0.00	0.00
ENSG00000213148	0.00	0.00
ENSG00000213149	3.00	4.25
ENSG00000213150	0.00	0.00
ENSG00000213152	0.25	1.00
ENSG00000213153	0.00	0.25
ENSG00000213155	0.00	0.00
ENSG00000213157	0.00	0.00
ENSG00000213158	0.00	0.00
ENSG00000213159	0.00	0.00
ENSG00000213160	114.25	352.00
ENSG00000213169	0.50	0.75
ENSG00000213170	0.00	0.00
ENSG00000213171	0.00	0.00
ENSG00000213172	0.00	0.00
ENSG00000213174	1.25	0.25
ENSG00000213176	0.00	0.00
ENSG00000213177	0.00	0.00
ENSG00000213178	48.25	117.50
ENSG00000213179	0.25	0.25
ENSG00000213180	0.00	0.00
ENSG00000213181	0.00	0.00
ENSG00000213182	0.00	0.00
ENSG00000213183	0.00	0.00
ENSG00000213184	0.25	0.00
ENSG00000213185	46.50	32.75
ENSG00000213186	368.75	312.50
ENSG00000213187	0.00	0.00
ENSG00000213188	0.00	1.25
ENSG00000213189	87.00	67.50
ENSG00000213190	253.50	137.25
ENSG00000213194	0.00	0.00
ENSG00000213197	0.00	0.50
ENSG00000213199	39.25	49.50
ENSG00000213201	0.00	0.00
ENSG00000213203	8.75	4.75
ENSG00000213204	31.50	22.75

ENSG00000213205	0.25	0.25
ENSG00000213209	0.00	0.00
ENSG00000213210	0.00	0.00
ENSG00000213211	0.50	0.00
ENSG00000213212	3.50	2.00
ENSG00000213213	49.50	45.00
ENSG00000213214	96.50	84.75
ENSG00000213215	0.00	0.00
ENSG00000213216	0.25	0.25
ENSG00000213218	0.00	0.00
ENSG00000213221	82.50	84.00
ENSG00000213222	29.00	28.75
ENSG00000213225	13.25	14.00
ENSG00000213226	0.00	0.00
ENSG00000213228	2.50	4.25
ENSG00000213231	0.00	0.00
ENSG00000213232	0.00	0.00
ENSG00000213233	0.00	0.00
ENSG00000213234	0.00	0.75
ENSG00000213235	1.75	0.75
ENSG00000213236	0.00	1.00
ENSG00000213237	0.00	0.00
ENSG00000213238	0.00	0.00
ENSG00000213239	0.75	0.00
ENSG00000213240	71.25	56.25
ENSG00000213244	3.75	2.25
ENSG00000213246	911.75	926.75
ENSG00000213247	0.00	0.00
ENSG00000213250	1.00	0.00
ENSG00000213252	0.00	0.00
ENSG00000213253	0.50	0.00
ENSG00000213260	0.00	0.00
ENSG00000213261	0.75	0.50
ENSG00000213262	0.00	0.00
ENSG00000213264	0.00	0.00
ENSG00000213265	0.75	0.00
ENSG00000213269	0.75	0.50
ENSG00000213270	0.50	0.00
ENSG00000213272	0.25	0.50
ENSG00000213275	0.50	0.50
ENSG00000213277	2.50	3.75
ENSG00000213280	0.75	0.25
ENSG00000213281	742.00	837.75

ENSG00000213285	7.75	2.75
ENSG00000213287	0.00	0.00
ENSG00000213290	1.00	0.50
ENSG00000213291	0.00	0.00
ENSG00000213293	0.00	0.00
ENSG00000213295	0.00	0.00
ENSG00000213296	0.00	0.00
ENSG00000213297	74.50	56.75
ENSG00000213300	23.00	27.50
ENSG00000213301	0.00	0.00
ENSG00000213302	0.00	0.00
ENSG00000213303	1.50	0.75
ENSG00000213304	2.00	1.50
ENSG00000213305	0.25	0.00
ENSG00000213307	0.00	0.00
ENSG00000213309	0.00	0.25
ENSG00000213310	0.00	0.00
ENSG00000213312	0.50	0.00
ENSG00000213315	1.00	0.00
ENSG00000213316	9.25	3.00
ENSG00000213318	0.00	0.00
ENSG00000213326	2.50	1.25
ENSG00000213328	0.25	0.25
ENSG00000213331	0.00	0.00
ENSG00000213332	0.00	0.00
ENSG00000213333	0.00	0.00
ENSG00000213335	0.00	0.00
ENSG00000213337	109.25	105.50
ENSG00000213338	1.00	1.00
ENSG00000213339	488.25	512.75
ENSG00000213341	523.50	595.00
ENSG00000213343	0.75	0.00
ENSG00000213344	0.25	0.00
ENSG00000213347	63.25	52.50
ENSG00000213352	0.50	0.50
ENSG00000213355	0.00	0.00
ENSG00000213358	5.75	3.25
ENSG00000213361	0.00	0.00
ENSG00000213362	6.25	5.50
ENSG00000213363	0.50	0.00
ENSG00000213365	0.00	0.00
ENSG00000213366	1525.00	1148.25
ENSG00000213368	0.00	0.25

ENSG00000213370	0.00	0.00
ENSG00000213371	0.25	0.00
ENSG00000213376	0.25	0.25
ENSG00000213380	655.00	559.75
ENSG00000213383	0.00	0.00
ENSG00000213384	0.25	0.00
ENSG00000213385	1.00	0.75
ENSG00000213386	0.00	0.25
ENSG00000213390	220.25	217.75
ENSG00000213391	0.25	0.00
ENSG00000213393	0.00	0.00
ENSG00000213394	0.50	0.75
ENSG00000213397	438.50	401.50
ENSG00000213398	202.00	204.75
ENSG00000213399	0.75	1.25
ENSG00000213400	0.00	0.25
ENSG00000213401	0.00	0.00
ENSG00000213402	1.50	4.50
ENSG00000213403	0.00	0.00
ENSG00000213406	1.75	1.25
ENSG00000213409	0.00	0.00
ENSG00000213411	4.75	4.50
ENSG00000213412	2.00	4.00
ENSG00000213413	20.25	17.25
ENSG00000213414	0.25	0.00
ENSG00000213416	0.00	0.00
ENSG00000213417	0.00	0.00
ENSG00000213420	29.75	11.75
ENSG00000213421	0.25	0.00
ENSG00000213423	0.00	0.00
ENSG00000213424	0.25	0.00
ENSG00000213430	0.25	0.00
ENSG00000213431	0.00	0.00
ENSG00000213432	0.25	0.00
ENSG00000213433	9.00	5.25
ENSG00000213434	1.00	0.50
ENSG00000213435	13.50	9.25
ENSG00000213438	0.00	0.00
ENSG00000213439	0.00	0.00
ENSG00000213440	0.25	0.00
ENSG00000213442	8.75	9.25
ENSG00000213443	27.50	16.50
ENSG00000213445	528.75	682.00

ENSG00000213448	0.25	0.00
ENSG00000213449	0.00	0.00
ENSG00000213450	0.00	0.00
ENSG00000213451	0.00	0.00
ENSG00000213452	0.00	0.00
ENSG00000213453	11.00	11.75
ENSG00000213455	0.00	0.00
ENSG00000213461	0.00	0.00
ENSG00000213462	285.00	177.75
ENSG00000213463	905.00	724.00
ENSG00000213465	1364.00	1316.50
ENSG00000213467	0.00	0.25
ENSG00000213470	0.00	0.00
ENSG00000213471	4.75	4.00
ENSG00000213478	1.00	0.00
ENSG00000213480	0.25	0.00
ENSG00000213483	0.00	0.00
ENSG00000213484	0.25	0.00
ENSG00000213486	0.00	0.00
ENSG00000213487	0.00	0.00
ENSG00000213488	0.00	0.00
ENSG00000213489	0.00	0.00
ENSG00000213492	0.50	0.50
ENSG00000213493	0.50	0.50
ENSG00000213495	0.00	0.00
ENSG00000213498	0.00	0.00
ENSG00000213500	0.75	0.00
ENSG00000213509	0.00	0.00
ENSG00000213512	0.75	0.50
ENSG00000213513	0.50	0.75
ENSG00000213514	0.50	1.00
ENSG00000213516	232.75	305.50
ENSG00000213519	0.75	0.50
ENSG00000213522	0.00	0.00
ENSG00000213523	522.25	484.25
ENSG00000213525	0.00	0.00
ENSG00000213526	0.00	0.25
ENSG00000213527	0.25	0.00
ENSG00000213529	0.25	0.25
ENSG00000213530	0.00	0.00
ENSG00000213533	709.75	645.75
ENSG00000213536	0.00	0.00
ENSG00000213538	0.50	0.25

ENSG00000213539	0.00	0.25
ENSG00000213540	0.25	0.00
ENSG00000213542	2.50	6.75
ENSG00000213543	0.00	0.00
ENSG00000213547	0.00	0.00
ENSG00000213548	0.00	0.00
ENSG00000213549	0.00	0.00
ENSG00000213551	297.75	294.25
ENSG00000213553	7.75	11.75
ENSG00000213556	0.00	0.00
ENSG00000213557	0.50	1.00
ENSG00000213558	0.00	0.00
ENSG00000213559	0.00	0.00
ENSG00000213560	0.00	0.00
ENSG00000213561	0.25	0.00
ENSG00000213563	294.75	361.75
ENSG00000213568	0.25	0.25
ENSG00000213569	0.50	0.00
ENSG00000213574	0.00	0.00
ENSG00000213578	0.00	0.25
ENSG00000213579	0.00	0.00
ENSG00000213585	2636.00	2891.50
ENSG00000213587	0.00	0.25
ENSG00000213588	5.50	3.75
ENSG00000213590	20.00	20.00
ENSG00000213592	0.50	0.00
ENSG00000213593	961.50	1004.00
ENSG00000213594	0.25	0.00
ENSG00000213598	0.25	0.50
ENSG00000213601	0.50	0.25
ENSG00000213604	0.00	0.00
ENSG00000213605	1.00	3.00
ENSG00000213606	0.00	0.00
ENSG00000213607	0.00	0.00
ENSG00000213608	0.25	1.00
ENSG00000213609	1.00	1.50
ENSG00000213612	0.25	0.25
ENSG00000213613	1.25	0.75
ENSG00000213614	4524.25	3806.50
ENSG00000213619	605.75	524.75
ENSG00000213620	0.25	0.00
ENSG00000213621	43.00	37.75
ENSG00000213625	4158.00	5030.75

ENSG00000213626	7948.00	17809.00
ENSG00000213630	0.00	0.00
ENSG00000213638	24.50	31.00
ENSG00000213639	3561.50	5973.75
ENSG00000213640	0.25	0.50
ENSG00000213641	0.50	0.00
ENSG00000213642	0.00	0.25
ENSG00000213643	0.00	0.00
ENSG00000213644	0.00	0.00
ENSG00000213645	0.00	0.00
ENSG00000213648	84.25	50.75
ENSG00000213650	0.00	0.00
ENSG00000213652	0.00	0.00
ENSG00000213653	0.00	0.00
ENSG00000213654	17.50	16.50
ENSG00000213655	0.00	0.00
ENSG00000213657	0.00	0.00
ENSG00000213658	144.25	150.25
ENSG00000213659	0.00	0.25
ENSG00000213661	0.00	0.00
ENSG00000213663	0.25	0.00
ENSG00000213664	0.00	0.00
ENSG00000213667	0.25	0.00
ENSG00000213669	0.00	0.00
ENSG00000213671	1.25	1.25
ENSG00000213672	472.25	463.50
ENSG00000213673	0.00	0.00
ENSG00000213676	423.25	374.75
ENSG00000213683	0.25	0.25
ENSG00000213684	0.00	0.25
ENSG00000213689	144.25	112.00
ENSG00000213690	0.25	0.00
ENSG00000213693	20.25	14.25
ENSG00000213694	3634.75	3103.50
ENSG00000213695	0.50	1.00
ENSG00000213697	0.25	0.00
ENSG00000213698	0.00	0.00
ENSG00000213699	992.75	1125.50
ENSG00000213700	7.75	6.50
ENSG00000213701	0.00	0.00
ENSG00000213703	0.25	0.50
ENSG00000213704	0.00	0.25
ENSG00000213706	0.75	0.00

ENSG00000213707	0.00	0.25
ENSG00000213708	0.00	0.00
ENSG00000213711	0.00	0.00
ENSG00000213713	123.00	146.50
ENSG00000213714	1.25	1.50
ENSG00000213716	0.00	0.00
ENSG00000213717	0.00	0.00
ENSG00000213719	509.50	513.75
ENSG00000213721	0.00	0.00
ENSG00000213722	431.50	309.00
ENSG00000213724	0.00	0.00
ENSG00000213726	0.00	0.00
ENSG00000213727	0.25	0.00
ENSG00000213729	0.00	0.00
ENSG00000213730	1.00	0.00
ENSG00000213731	0.00	0.00
ENSG00000213735	0.00	0.00
ENSG00000213736	0.00	0.00
ENSG00000213739	0.00	0.25
ENSG00000213740	0.00	0.50
ENSG00000213741	3542.00	3158.75
ENSG00000213744	0.00	0.50
ENSG00000213747	0.00	0.00
ENSG00000213750	0.00	0.25
ENSG00000213752	0.25	0.00
ENSG00000213753	917.00	691.25
ENSG00000213754	0.75	1.50
ENSG00000213755	0.00	0.00
ENSG00000213757	3.25	2.50
ENSG00000213759	0.00	0.50
ENSG00000213760	9.75	5.75
ENSG00000213761	0.00	0.00
ENSG00000213762	460.00	361.25
ENSG00000213763	0.75	1.25
ENSG00000213770	0.25	0.25
ENSG00000213771	0.00	0.00
ENSG00000213772	0.00	0.25
ENSG00000213774	0.00	0.00
ENSG00000213777	4.00	2.50
ENSG00000213778	0.00	0.00
ENSG00000213779	0.00	0.25
ENSG00000213780	41.25	27.25
ENSG00000213781	0.00	0.00

ENSG00000213782	746.75	677.50
ENSG00000213783	0.00	0.00
ENSG00000213785	0.25	0.00
ENSG00000213786	0.00	0.00
ENSG00000213787	0.00	0.00
ENSG00000213790	0.00	0.00
ENSG00000213791	0.00	0.25
ENSG00000213798	0.00	0.00
ENSG00000213799	174.50	156.50
ENSG00000213801	34.25	33.25
ENSG00000213809	6.25	5.00
ENSG00000213816	0.00	1.75
ENSG00000213820	0.00	0.50
ENSG00000213822	0.00	0.00
ENSG00000213830	1.25	0.25
ENSG00000213839	74.00	78.75
ENSG00000213842	0.25	0.50
ENSG00000213846	221.50	106.25
ENSG00000213849	0.25	0.00
ENSG00000213851	0.00	0.75
ENSG00000213853	1180.75	1591.75
ENSG00000213854	0.00	0.00
ENSG00000213856	0.00	0.00
ENSG00000213857	0.50	2.00
ENSG00000213859	768.50	810.25
ENSG00000213860	2.25	1.25
ENSG00000213862	0.75	0.75
ENSG00000213864	0.00	0.00
ENSG00000213865	78.00	71.25
ENSG00000213866	2.50	1.00
ENSG00000213867	0.00	0.00
ENSG00000213871	1.00	0.75
ENSG00000213872	0.75	1.00
ENSG00000213873	0.00	0.25
ENSG00000213875	0.00	0.00
ENSG00000213876	0.00	0.00
ENSG00000213877	0.25	0.00
ENSG00000213880	0.00	0.00
ENSG00000213881	0.25	0.25
ENSG00000213882	0.00	0.00
ENSG00000213885	9.25	5.50
ENSG00000213886	0.00	0.00
ENSG00000213889	17.25	30.00

ENSG00000213891	0.00	0.25
ENSG00000213892	0.00	0.00
ENSG00000213896	0.00	0.00
ENSG00000213900	0.00	0.00
ENSG00000213901	35.25	38.50
ENSG00000213903	69.75	55.00
ENSG00000213906	22.75	26.25
ENSG00000213908	0.00	0.00
ENSG00000213911	0.00	0.00
ENSG00000213916	0.00	0.00
ENSG00000213917	0.25	0.25
ENSG00000213918	823.00	517.50
ENSG00000213920	92.25	101.75
ENSG00000213921	0.00	0.00
ENSG00000213923	2461.50	2518.00
ENSG00000213924	0.00	0.00
ENSG00000213925	0.25	0.25
ENSG00000213926	0.00	0.00
ENSG00000213927	8.25	4.25
ENSG00000213928	925.50	846.75
ENSG00000213930	353.75	234.50
ENSG00000213931	1.00	0.75
ENSG00000213934	0.00	0.25
ENSG00000213935	0.00	0.00
ENSG00000213937	1.00	0.25
ENSG00000213938	0.50	0.50
ENSG00000213939	1.25	0.75
ENSG00000213940	0.00	0.25
ENSG00000213942	0.25	0.00
ENSG00000213943	0.50	0.50
ENSG00000213946	0.00	0.00
ENSG00000213949	1185.25	1431.75
ENSG00000213950	0.50	0.50
ENSG00000213954	0.00	0.00
ENSG00000213956	0.00	0.25
ENSG00000213958	0.00	0.00
ENSG00000213959	0.00	0.00
ENSG00000213962	0.00	0.00
ENSG00000213964	0.00	0.00
ENSG00000213965	138.00	160.75
ENSG00000213967	18.75	13.00
ENSG00000213970	1.00	0.00
ENSG00000213972	0.25	0.00

ENSG00000213973	5.50	5.25
ENSG00000213976	4.00	3.75
ENSG00000213977	3039.75	2723.50
ENSG00000213979	0.75	0.25
ENSG00000213983	598.75	539.25
ENSG00000213985	0.25	0.00
ENSG00000213987	0.00	0.00
ENSG00000213988	32.75	23.50
ENSG00000213995	884.50	853.00
ENSG00000213996	50.50	75.75
ENSG00000213997	1.25	0.50
ENSG00000213999	24.50	14.25
ENSG00000214003	0.00	0.00
ENSG00000214009	0.00	0.00
ENSG00000214012	0.00	0.00
ENSG00000214013	501.50	543.75
ENSG00000214015	0.00	0.00
ENSG00000214016	1.00	1.75
ENSG00000214018	2.25	3.50
ENSG00000214019	0.00	0.00
ENSG00000214020	0.25	0.00
ENSG00000214021	1617.00	1453.50
ENSG00000214022	966.50	917.75
ENSG00000214024	0.00	0.00
ENSG00000214025	0.00	0.00
ENSG00000214026	455.25	436.00
ENSG00000214027	0.00	0.00
ENSG00000214029	158.00	117.50
ENSG00000214031	5.75	5.00
ENSG00000214035	0.00	0.00
ENSG00000214041	0.00	0.00
ENSG00000214042	0.00	0.00
ENSG00000214045	0.00	0.00
ENSG00000214046	788.25	752.50
ENSG00000214047	0.00	0.00
ENSG00000214050	2.00	1.25
ENSG00000214051	0.00	0.00
ENSG00000214062	0.75	1.25
ENSG00000214063	1941.75	1953.50
ENSG00000214064	0.00	0.00
ENSG00000214067	0.00	0.00
ENSG00000214070	0.50	0.00
ENSG00000214071	0.00	0.00

ENSG00000214073	0.25	0.00
ENSG00000214074	0.25	0.00
ENSG00000214076	0.75	0.00
ENSG00000214077	0.00	0.00
ENSG00000214078	2021.50	1729.25
ENSG00000214081	0.75	0.00
ENSG00000214087	421.00	389.50
ENSG00000214089	0.50	0.00
ENSG00000214093	0.00	0.25
ENSG00000214097	0.25	0.75
ENSG00000214100	1.00	2.00
ENSG00000214102	5.00	3.25
ENSG00000214107	0.00	0.00
ENSG00000214108	0.25	0.50
ENSG00000214110	28.50	44.75
ENSG00000214111	0.00	0.00
ENSG00000214113	456.75	400.25
ENSG00000214114	156.00	171.25
ENSG00000214121	3.00	2.50
ENSG00000214124	0.00	0.00
ENSG00000214125	0.00	0.25
ENSG00000214128	15.50	8.75
ENSG00000214132	0.00	0.00
ENSG00000214135	297.75	243.75
ENSG00000214140	65.00	42.75
ENSG00000214141	0.25	0.25
ENSG00000214142	0.50	0.00
ENSG00000214144	0.00	0.00
ENSG00000214147	0.25	0.00
ENSG00000214160	423.25	456.00
ENSG00000214161	0.00	0.00
ENSG00000214174	302.50	191.00
ENSG00000214176	541.75	623.75
ENSG00000214178	0.00	0.00
ENSG00000214182	5.50	4.25
ENSG00000214185	1.00	0.50
ENSG00000214189	196.75	145.00
ENSG00000214190	0.00	0.25
ENSG00000214192	0.25	0.00
ENSG00000214193	228.00	238.50
ENSG00000214195	0.00	0.00
ENSG00000214198	13.00	19.75
ENSG00000214199	21.00	16.00

ENSG00000214200	0.00	0.00
ENSG00000214203	0.75	0.25
ENSG00000214204	0.00	0.00
ENSG00000214207	0.00	0.00
ENSG00000214210	1.50	0.25
ENSG00000214211	0.00	0.00
ENSG00000214212	22.25	7.50
ENSG00000214215	0.00	0.00
ENSG00000214216	0.00	0.00
ENSG00000214222	0.50	0.00
ENSG00000214223	4.50	5.00
ENSG00000214226	34.25	35.50
ENSG00000214237	0.00	0.50
ENSG00000214243	1.00	0.50
ENSG00000214244	0.25	0.50
ENSG00000214245	0.00	0.00
ENSG00000214249	0.50	0.25
ENSG00000214252	0.00	0.00
ENSG00000214253	1208.25	1080.25
ENSG00000214254	0.00	0.00
ENSG00000214255	0.00	0.25
ENSG00000214259	0.00	0.00
ENSG00000214262	0.00	0.00
ENSG00000214263	3.00	2.25
ENSG00000214264	0.25	0.00
ENSG00000214265	27.00	19.25
ENSG00000214266	0.00	0.00
ENSG00000214268	0.00	0.00
ENSG00000214269	1.25	0.50
ENSG00000214273	0.75	0.75
ENSG00000214274	130.75	232.00
ENSG00000214278	0.00	0.00
ENSG00000214279	62.25	52.25
ENSG00000214280	1.75	1.25
ENSG00000214281	0.00	0.00
ENSG00000214282	2.50	3.50
ENSG00000214283	0.00	0.00
ENSG00000214285	0.00	0.00
ENSG00000214286	0.00	0.00
ENSG00000214288	0.00	0.00
ENSG00000214289	0.00	1.75
ENSG00000214290	13.50	7.50
ENSG00000214295	0.00	0.00

ENSG00000214297	0.25	0.25
ENSG00000214298	0.00	0.25
ENSG00000214300	76.25	75.00
ENSG00000214301	0.00	0.00
ENSG00000214309	30.50	22.25
ENSG00000214313	0.00	0.00
ENSG00000214318	0.00	0.00
ENSG00000214319	0.25	0.00
ENSG00000214321	0.25	0.00
ENSG00000214322	0.00	0.00
ENSG00000214326	0.00	0.00
ENSG00000214329	0.00	0.00
ENSG00000214330	0.00	0.00
ENSG00000214331	109.50	86.50
ENSG00000214335	0.00	0.00
ENSG00000214336	1.50	2.00
ENSG00000214338	79.00	72.50
ENSG00000214342	0.00	0.00
ENSG00000214344	0.50	0.00
ENSG00000214351	0.00	0.00
ENSG00000214354	0.00	0.50
ENSG00000214357	193.25	113.75
ENSG00000214359	0.25	0.25
ENSG00000214360	0.25	1.00
ENSG00000214362	0.50	0.00
ENSG00000214366	0.00	0.00
ENSG00000214367	239.75	208.50
ENSG00000214369	0.75	1.25
ENSG00000214374	0.00	0.00
ENSG00000214376	16.50	17.25
ENSG00000214380	0.00	0.00
ENSG00000214389	8.00	3.00
ENSG00000214391	1.75	1.00
ENSG00000214402	181.75	87.00
ENSG00000214405	0.00	0.00
ENSG00000214413	247.25	256.75
ENSG00000214414	0.00	0.00
ENSG00000214415	0.00	0.00
ENSG00000214417	0.50	0.00
ENSG00000214424	0.00	0.00
ENSG00000214425	443.00	362.75
ENSG00000214428	0.00	0.00
ENSG00000214429	0.00	0.00

ENSG00000214433	2.50	1.25
ENSG00000214434	0.00	0.00
ENSG00000214435	80.50	55.25
ENSG00000214439	7.00	5.75
ENSG00000214447	53.50	18.00
ENSG00000214455	184.25	145.75
ENSG00000214456	6.50	14.75
ENSG00000214457	0.00	0.00
ENSG00000214460	0.00	0.75
ENSG00000214465	0.25	0.50
ENSG00000214484	0.00	0.00
ENSG00000214485	10.75	8.00
ENSG00000214487	0.25	0.00
ENSG00000214491	19.50	19.50
ENSG00000214510	3.50	1.50
ENSG00000214511	0.25	0.00
ENSG00000214513	3.00	1.25
ENSG00000214514	4.25	2.50
ENSG00000214517	822.75	927.75
ENSG00000214518	0.00	0.00
ENSG00000214525	3.50	2.50
ENSG00000214526	0.00	0.00
ENSG00000214530	133.00	80.75
ENSG00000214533	0.00	0.00
ENSG00000214534	2.00	5.50
ENSG00000214535	0.75	1.25
ENSG00000214541	0.25	0.00
ENSG00000214544	11.50	6.50
ENSG00000214549	0.00	0.25
ENSG00000214552	0.00	0.00
ENSG00000214553	3.00	2.00
ENSG00000214558	0.25	0.25
ENSG00000214560	0.00	0.00
ENSG00000214561	0.00	0.00
ENSG00000214562	182.25	155.00
ENSG00000214563	0.50	0.00
ENSG00000214575	640.00	347.75
ENSG00000214578	0.25	0.00
ENSG00000214581	0.00	0.00
ENSG00000214584	0.00	0.00
ENSG00000214593	0.25	0.00
ENSG00000214595	25.75	25.00
ENSG00000214602	0.00	0.00

ENSG00000214604	0.00	0.00
ENSG00000214607	0.00	0.00
ENSG00000214612	0.50	0.50
ENSG00000214617	1.50	6.00
ENSG00000214626	0.00	0.00
ENSG00000214628	0.00	0.00
ENSG00000214629	0.50	0.00
ENSG00000214641	0.25	0.00
ENSG00000214642	0.00	0.00
ENSG00000214643	0.00	0.00
ENSG00000214646	0.75	0.25
ENSG00000214651	0.50	0.00
ENSG00000214652	0.50	0.50
ENSG00000214653	0.00	0.00
ENSG00000214654	24.25	23.50
ENSG00000214655	2476.25	2286.50
ENSG00000214657	0.50	0.00
ENSG00000214659	4.75	4.00
ENSG00000214660	0.00	0.00
ENSG00000214668	0.00	0.00
ENSG00000214669	0.00	0.00
ENSG00000214671	0.50	0.00
ENSG00000214676	0.25	0.25
ENSG00000214681	0.00	0.00
ENSG00000214684	0.00	0.00
ENSG00000214686	0.00	0.00
ENSG00000214688	41.00	24.50
ENSG00000214694	27.75	18.00
ENSG00000214695	0.75	2.00
ENSG00000214700	0.25	0.25
ENSG00000214702	0.00	0.00
ENSG00000214706	341.50	319.50
ENSG00000214711	10.50	7.25
ENSG00000214717	652.75	735.25
ENSG00000214720	0.00	0.25
ENSG00000214727	0.25	0.50
ENSG00000214732	0.00	0.00
ENSG00000214736	767.75	777.75
ENSG00000214743	0.00	0.00
ENSG00000214745	0.00	0.25
ENSG00000214748	0.00	0.00
ENSG00000214753	1956.50	2109.25
ENSG00000214754	0.00	0.25

ENSG00000214756	83.75	63.75
ENSG00000214759	0.00	0.00
ENSG00000214760	0.00	0.00
ENSG00000214761	0.00	0.00
ENSG00000214765	221.00	172.75
ENSG00000214776	75.50	50.50
ENSG00000214782	0.00	0.00
ENSG00000214784	1.25	1.00
ENSG00000214787	15.25	10.00
ENSG00000214788	0.00	0.00
ENSG00000214794	0.00	0.00
ENSG00000214796	3.25	2.00
ENSG00000214807	0.25	0.00
ENSG00000214810	0.00	0.00
ENSG00000214812	0.00	0.00
ENSG00000214814	472.75	53.50
ENSG00000214815	0.00	0.00
ENSG00000214819	0.25	0.25
ENSG00000214820	4.00	1.50
ENSG00000214821	0.00	0.50
ENSG00000214822	0.00	0.00
ENSG00000214823	0.00	0.00
ENSG00000214825	0.00	0.00
ENSG00000214826	11.50	6.25
ENSG00000214827	68.50	80.50
ENSG00000214832	4.75	3.50
ENSG00000214835	0.00	0.00
ENSG00000214837	57.75	44.25
ENSG00000214842	0.00	0.00
ENSG00000214843	0.00	0.00
ENSG00000214846	4.75	7.25
ENSG00000214853	0.00	0.00
ENSG00000214855	2.50	4.25
ENSG00000214856	0.00	0.00
ENSG00000214857	0.00	0.00
ENSG00000214860	0.00	0.00
ENSG00000214866	0.00	0.25
ENSG00000214867	1.50	0.50
ENSG00000214869	0.50	0.00
ENSG00000214872	3.75	3.25
ENSG00000214875	0.25	0.00
ENSG00000214878	0.00	0.00
ENSG00000214880	0.00	0.00

ENSG00000214881	0.00	0.00
ENSG00000214883	0.00	0.25
ENSG00000214886	0.00	0.00
ENSG00000214889	14.75	11.75
ENSG00000214890	0.00	0.00
ENSG00000214891	0.00	0.00
ENSG00000214892	0.00	0.00
ENSG00000214896	0.25	0.00
ENSG00000214897	0.00	0.25
ENSG00000214903	0.00	0.00
ENSG00000214904	0.00	0.00
ENSG00000214908	0.25	0.50
ENSG00000214914	6.00	7.00
ENSG00000214917	0.00	0.25
ENSG00000214925	0.50	0.00
ENSG00000214929	0.00	0.00
ENSG00000214930	0.00	0.00
ENSG00000214940	123.00	141.50
ENSG00000214941	210.75	146.50
ENSG00000214943	0.00	0.00
ENSG00000214944	438.00	835.50
ENSG00000214946	0.50	0.75
ENSG00000214954	15.00	16.25
ENSG00000214960	36.50	39.00
ENSG00000214961	0.00	0.00
ENSG00000214967	84.50	69.00
ENSG00000214973	0.00	0.00
ENSG00000214975	1.00	1.00
ENSG00000214976	0.00	0.00
ENSG00000214978	0.00	0.00
ENSG00000214980	0.00	0.00
ENSG00000214988	0.00	0.25
ENSG00000214992	0.00	0.50
ENSG00000214998	0.25	0.00
ENSG00000215000	0.00	0.00
ENSG00000215002	0.00	0.00
ENSG00000215003	0.25	0.00
ENSG00000215004	0.00	0.00
ENSG00000215005	0.25	0.00
ENSG00000215006	0.00	0.00
ENSG00000215007	1.00	0.25
ENSG00000215009	0.50	0.50
ENSG00000215012	342.00	541.25

ENSG00000215016	0.00	0.00
ENSG00000215018	10.00	13.75
ENSG00000215021	2551.25	2478.50
ENSG00000215029	0.00	0.00
ENSG00000215030	303.25	370.50
ENSG00000215032	6.75	5.25
ENSG00000215034	0.00	0.00
ENSG00000215035	0.00	0.00
ENSG00000215037	0.00	0.00
ENSG00000215041	439.25	399.75
ENSG00000215043	0.00	0.00
ENSG00000215045	0.25	0.75
ENSG00000215048	2.00	1.25
ENSG00000215049	0.25	0.25
ENSG00000215054	0.00	0.00
ENSG00000215057	0.00	0.50
ENSG00000215063	0.00	0.00
ENSG00000215065	0.00	0.25
ENSG00000215070	0.00	0.00
ENSG00000215077	910.50	790.25
ENSG00000215085	0.00	0.00
ENSG00000215086	0.50	0.00
ENSG00000215088	0.00	0.00
ENSG00000215089	0.00	0.00
ENSG00000215093	2.50	2.00
ENSG00000215094	0.00	0.25
ENSG00000215096	0.00	0.25
ENSG00000215097	2.50	2.75
ENSG00000215102	0.00	0.00
ENSG00000215105	198.25	163.75
ENSG00000215110	0.00	0.00
ENSG00000215113	0.25	0.25
ENSG00000215114	546.25	426.00
ENSG00000215115	0.25	0.25
ENSG00000215120	0.00	0.00
ENSG00000215124	6.50	5.50
ENSG00000215126	110.75	63.00
ENSG00000215127	0.25	0.00
ENSG00000215131	0.00	0.00
ENSG00000215146	28.00	33.75
ENSG00000215148	0.00	0.00
ENSG00000215149	0.00	0.00
ENSG00000215151	0.00	0.00

ENSG00000215154	117.50	80.50
ENSG00000215156	1.25	1.00
ENSG00000215158	328.00	244.00
ENSG00000215160	0.00	0.00
ENSG00000215165	0.00	0.00
ENSG00000215168	0.00	0.00
ENSG00000215174	0.25	0.25
ENSG00000215177	0.00	0.00
ENSG00000215179	0.00	0.00
ENSG00000215182	0.00	0.00
ENSG00000215183	0.00	0.00
ENSG00000215184	0.00	0.25
ENSG00000215186	2.50	0.00
ENSG00000215187	1.25	1.25
ENSG00000215193	1169.75	1071.25
ENSG00000215197	0.00	0.00
ENSG00000215198	0.00	0.00
ENSG00000215199	0.00	0.50
ENSG00000215203	0.00	0.00
ENSG00000215206	0.00	0.00
ENSG00000215208	0.50	0.25
ENSG00000215210	0.50	0.25
ENSG00000215217	0.50	0.75
ENSG00000215218	0.25	0.00
ENSG00000215221	2.50	2.50
ENSG00000215223	0.00	0.00
ENSG00000215227	0.00	0.00
ENSG00000215236	0.00	0.00
ENSG00000215237	5.25	3.75
ENSG00000215251	185.50	253.75
ENSG00000215252	1607.00	1338.50
ENSG00000215262	9.00	9.00
ENSG00000215263	0.00	0.00
ENSG00000215264	0.00	0.00
ENSG00000215267	0.00	0.00
ENSG00000215268	0.00	0.00
ENSG00000215269	0.00	0.00
ENSG00000215270	8.50	6.75
ENSG00000215271	195.75	212.00
ENSG00000215274	0.00	0.00
ENSG00000215277	3.50	3.50
ENSG00000215278	0.00	0.00
ENSG00000215283	1.25	1.75

ENSG00000215284	0.25	0.25
ENSG00000215286	0.00	0.00
ENSG00000215288	1.00	3.25
ENSG00000215296	0.50	0.75
ENSG00000215297	0.25	0.00
ENSG00000215301	6435.25	6971.00
ENSG00000215302	48.00	37.75
ENSG00000215305	784.25	765.75
ENSG00000215310	0.00	0.00
ENSG00000215311	0.00	0.00
ENSG00000215313	0.25	0.00
ENSG00000215317	0.25	0.00
ENSG00000215319	0.00	0.00
ENSG00000215325	0.00	1.75
ENSG00000215326	0.00	0.50
ENSG00000215328	394.50	387.25
ENSG00000215333	0.00	0.00
ENSG00000215339	0.00	0.00
ENSG00000215343	0.00	0.00
ENSG00000215347	2.50	2.50
ENSG00000215349	0.00	0.00
ENSG00000215351	0.00	0.00
ENSG00000215353	0.00	0.00
ENSG00000215354	11.25	12.50
ENSG00000215356	0.00	0.00
ENSG00000215357	0.00	0.00
ENSG00000215365	0.00	0.00
ENSG00000215367	1.00	0.25
ENSG00000215368	0.00	0.00
ENSG00000215369	0.00	0.50
ENSG00000215371	0.00	0.00
ENSG00000215372	0.00	0.00
ENSG00000215373	0.00	0.00
ENSG00000215375	358.25	309.50
ENSG00000215378	0.00	0.00
ENSG00000215380	0.00	0.00
ENSG00000215381	0.00	0.00
ENSG00000215388	5.25	1.50
ENSG00000215397	0.25	0.00
ENSG00000215398	0.00	0.00
ENSG00000215399	1.50	5.00
ENSG00000215409	0.00	0.00
ENSG00000215414	0.75	0.25

ENSG00000215418	0.00	0.00
ENSG00000215421	455.00	413.75
ENSG00000215425	256.50	289.00
ENSG00000215440	612.50	740.50
ENSG00000215441	0.00	0.00
ENSG00000215444	0.00	0.00
ENSG00000215448	0.25	0.00
ENSG00000215450	0.25	0.25
ENSG00000215452	1.00	1.00
ENSG00000215454	0.00	0.00
ENSG00000215455	0.00	0.00
ENSG00000215456	0.00	0.00
ENSG00000215457	0.00	0.00
ENSG00000215464	0.25	0.50
ENSG00000215467	0.00	0.00
ENSG00000215472	532.75	475.00
ENSG00000215474	0.00	0.00
ENSG00000215475	1.50	2.75
ENSG00000215477	0.25	0.25
ENSG00000215478	0.00	0.00
ENSG00000215480	0.50	0.00
ENSG00000215481	2.75	7.25
ENSG00000215482	0.25	0.25
ENSG00000215486	0.00	0.00
ENSG00000215492	1.25	0.75
ENSG00000215493	34.50	17.25
ENSG00000215506	0.50	0.00
ENSG00000215507	0.00	0.00
ENSG00000215512	3.00	2.00
ENSG00000215515	0.00	0.00
ENSG00000215520	0.00	0.00
ENSG00000215522	173.25	189.75
ENSG00000215529	2.25	0.50
ENSG00000215537	0.00	0.00
ENSG00000215540	0.00	0.00
ENSG00000215544	0.00	0.00
ENSG00000215545	0.00	0.00
ENSG00000215546	0.00	0.00
ENSG00000215547	0.00	0.00
ENSG00000215548	27.25	21.75
ENSG00000215553	0.00	0.00
ENSG00000215559	2.25	1.50
ENSG00000215562	0.00	0.00

ENSG00000215567	0.00	0.00
ENSG00000215568	0.00	0.00
ENSG00000215571	2.25	1.25
ENSG00000215572	0.00	0.00
ENSG00000215580	2.25	2.75
ENSG00000215583	0.00	0.25
ENSG00000215586	0.00	0.00
ENSG00000215589	0.00	0.00
ENSG00000215595	0.50	0.75
ENSG00000215601	0.00	0.00
ENSG00000215603	0.00	0.00
ENSG00000215604	0.50	0.50
ENSG00000215606	0.00	0.25
ENSG00000215612	0.00	0.00
ENSG00000215630	23.00	15.75
ENSG00000215641	306.25	279.00
ENSG00000215644	0.00	0.25
ENSG00000215695	39.75	50.25
ENSG00000215704	0.50	0.50
ENSG00000215712	399.00	366.00
ENSG00000215717	1269.25	1206.75
ENSG00000215720	0.00	0.25
ENSG00000215734	0.00	0.00
ENSG00000215760	0.25	0.00
ENSG00000215771	0.75	0.00
ENSG00000215784	10.25	7.25
ENSG00000215785	0.25	0.00
ENSG00000215788	50.75	32.50
ENSG00000215790	254.75	154.00
ENSG00000215795	3.50	2.00
ENSG00000215796	0.25	0.25
ENSG00000215800	0.00	0.00
ENSG00000215802	0.00	0.00
ENSG00000215805	0.00	0.00
ENSG00000215807	0.00	0.00
ENSG00000215811	1.25	1.50
ENSG00000215812	0.00	0.00
ENSG00000215817	0.00	0.50
ENSG00000215819	0.00	0.00
ENSG00000215833	0.00	0.00
ENSG00000215834	0.75	1.75
ENSG00000215835	0.00	0.00
ENSG00000215837	18.50	16.75

ENSG00000215838	2.50	1.50
ENSG00000215840	1.00	0.25
ENSG00000215845	31.25	30.00
ENSG00000215846	0.00	0.00
ENSG00000215853	0.00	0.00
ENSG00000215861	307.25	236.75
ENSG00000215864	0.00	0.25
ENSG00000215867	0.00	0.25
ENSG00000215869	0.25	0.50
ENSG00000215871	0.00	0.00
ENSG00000215873	0.00	0.00
ENSG00000215874	0.00	0.00
ENSG00000215875	0.25	0.00
ENSG00000215878	2.50	1.50
ENSG00000215883	290.50	226.75
ENSG00000215887	0.00	0.00
ENSG00000215893	0.50	0.00
ENSG00000215895	0.50	1.25
ENSG00000215899	0.25	0.25
ENSG00000215900	0.00	0.00
ENSG00000215905	0.00	0.00
ENSG00000215906	0.00	0.00
ENSG00000215908	213.75	197.50
ENSG00000215909	0.00	0.00
ENSG00000215910	14.75	22.25
ENSG00000215912	8.50	2.00
ENSG00000215914	178.50	128.25
ENSG00000215915	15.75	12.50
ENSG00000216265	0.00	0.00
ENSG00000216285	2.75	1.75
ENSG00000216306	0.00	0.00
ENSG00000216307	0.00	0.00
ENSG00000216316	1.25	1.50
ENSG00000216324	0.00	0.00
ENSG00000216331	0.75	0.75
ENSG00000216347	0.00	0.00
ENSG00000216352	0.00	0.00
ENSG00000216359	0.00	0.00
ENSG00000216360	1.75	1.25
ENSG00000216364	0.00	0.00
ENSG00000216365	0.00	0.25
ENSG00000216368	0.00	0.00
ENSG00000216378	0.00	0.00

ENSG00000216412	0.25	0.25
ENSG00000216425	0.00	0.00
ENSG00000216436	0.00	0.00
ENSG00000216439	0.00	0.00
ENSG00000216444	0.00	0.00
ENSG00000216471	0.00	0.25
ENSG00000216475	0.25	0.75
ENSG00000216480	0.00	0.00
ENSG00000216490	61.50	36.00
ENSG00000216516	0.00	0.00
ENSG00000216518	0.00	0.00
ENSG00000216519	0.00	0.00
ENSG00000216523	0.00	0.00
ENSG00000216548	0.00	0.25
ENSG00000216588	7.50	2.25
ENSG00000216613	0.00	0.00
ENSG00000216616	0.00	0.00
ENSG00000216621	0.50	0.50
ENSG00000216624	0.25	0.50
ENSG00000216629	0.00	0.00
ENSG00000216636	0.25	0.00
ENSG00000216639	1.50	2.00
ENSG00000216642	0.00	0.00
ENSG00000216649	0.00	0.00
ENSG00000216657	0.00	0.50
ENSG00000216663	0.00	0.00
ENSG00000216671	0.00	0.00
ENSG00000216676	0.00	0.00
ENSG00000216687	0.75	0.00
ENSG00000216708	0.00	0.00
ENSG00000216710	0.00	0.00
ENSG00000216713	0.00	0.00
ENSG00000216718	0.25	0.00
ENSG00000216721	0.25	0.25
ENSG00000216723	0.25	0.50
ENSG00000216740	0.25	0.25
ENSG00000216753	0.00	0.00
ENSG00000216754	1.25	0.25
ENSG00000216762	0.00	0.00
ENSG00000216775	348.00	183.00
ENSG00000216777	0.00	0.00
ENSG00000216781	0.00	0.00
ENSG00000216802	0.00	0.00

ENSG00000216809	14.75	12.25
ENSG00000216811	0.00	0.00
ENSG00000216813	0.00	0.00
ENSG00000216817	0.25	0.50
ENSG00000216819	0.50	1.75
ENSG00000216824	0.00	0.00
ENSG00000216829	0.00	0.00
ENSG00000216835	0.00	0.00
ENSG00000216844	0.00	0.00
ENSG00000216853	0.00	0.00
ENSG00000216854	0.00	0.50
ENSG00000216859	0.00	0.00
ENSG00000216866	1.75	3.75
ENSG00000216867	0.00	0.25
ENSG00000216901	1.00	0.25
ENSG00000216902	0.25	0.00
ENSG00000216904	0.00	0.00
ENSG00000216906	7.00	4.25
ENSG00000216913	0.00	0.00
ENSG00000216915	1.00	0.00
ENSG00000216917	0.00	0.00
ENSG00000216937	25.25	16.00
ENSG00000216938	0.00	0.00
ENSG00000216966	0.00	0.00
ENSG00000216977	0.25	0.25
ENSG00000216990	0.50	0.25
ENSG00000216998	0.00	0.00
ENSG00000217004	0.00	0.00
ENSG00000217026	0.50	0.50
ENSG00000217027	5.50	6.50
ENSG00000217030	0.25	0.00
ENSG00000217041	0.00	0.00
ENSG00000217044	0.00	0.00
ENSG00000217060	0.00	0.00
ENSG00000217067	0.00	0.00
ENSG00000217078	0.00	0.00
ENSG00000217083	0.00	0.00
ENSG00000217085	0.00	0.00
ENSG00000217089	0.00	0.00
ENSG00000217094	0.00	0.00
ENSG00000217120	6.25	6.50
ENSG00000217128	1751.25	1527.75
ENSG00000217130	0.50	0.25

ENSG00000217135	0.00	0.00
ENSG00000217139	0.00	0.00
ENSG00000217159	1.00	0.00
ENSG00000217160	0.00	0.00
ENSG00000217165	64.00	57.00
ENSG00000217169	0.00	0.00
ENSG00000217178	0.00	0.00
ENSG00000217179	0.00	0.00
ENSG00000217181	0.00	0.00
ENSG00000217195	0.00	0.00
ENSG00000217227	0.00	0.25
ENSG00000217228	0.00	0.00
ENSG00000217231	0.00	0.00
ENSG00000217236	0.00	0.00
ENSG00000217239	0.00	0.25
ENSG00000217241	0.00	0.00
ENSG00000217261	0.00	0.00
ENSG00000217268	0.00	0.00
ENSG00000217272	0.00	0.00
ENSG00000217275	0.25	0.50
ENSG00000217281	0.00	0.00
ENSG00000217289	0.00	0.00
ENSG00000217314	0.00	0.00
ENSG00000217315	0.00	0.00
ENSG00000217325	6.25	7.00
ENSG00000217327	0.00	0.00
ENSG00000217330	0.00	0.00
ENSG00000217331	0.00	0.00
ENSG00000217334	0.00	0.00
ENSG00000217372	0.00	0.00
ENSG00000217377	0.00	0.00
ENSG00000217379	0.00	0.00
ENSG00000217385	0.00	0.00
ENSG00000217404	0.25	0.00
ENSG00000217408	0.00	0.00
ENSG00000217414	0.00	0.00
ENSG00000217416	29.50	37.75
ENSG00000217442	0.50	0.75
ENSG00000217447	0.00	0.00
ENSG00000217477	0.00	0.00
ENSG00000217482	0.00	0.00
ENSG00000217483	0.00	0.00
ENSG00000217488	0.00	0.50

ENSG00000217495	0.50	0.00
ENSG00000217512	0.50	0.00
ENSG00000217514	0.00	0.00
ENSG00000217527	0.00	0.00
ENSG00000217539	0.00	0.25
ENSG00000217555	172.50	145.00
ENSG00000217557	0.00	0.25
ENSG00000217566	0.00	0.25
ENSG00000217585	0.00	0.00
ENSG00000217612	0.00	0.00
ENSG00000217624	0.75	0.25
ENSG00000217631	0.00	0.00
ENSG00000217643	0.50	0.00
ENSG00000217644	0.50	0.50
ENSG00000217646	0.00	0.00
ENSG00000217648	22.25	11.00
ENSG00000217653	0.00	0.25
ENSG00000217680	0.00	0.00
ENSG00000217684	0.75	0.50
ENSG00000217686	0.00	0.00
ENSG00000217707	0.00	0.00
ENSG00000217716	1.00	1.25
ENSG00000217718	0.00	0.00
ENSG00000217733	1.00	0.00
ENSG00000217746	0.00	0.00
ENSG00000217767	0.00	0.25
ENSG00000217769	0.00	0.25
ENSG00000217770	0.00	0.00
ENSG00000217776	0.00	0.00
ENSG00000217783	0.25	1.25
ENSG00000217786	0.00	0.00
ENSG00000217791	0.00	0.00
ENSG00000217801	20.25	19.25
ENSG00000217805	0.00	0.00
ENSG00000217809	0.00	0.00
ENSG00000217811	0.00	0.00
ENSG00000217824	0.00	0.00
ENSG00000217835	0.00	0.25
ENSG00000217862	0.00	0.50
ENSG00000217874	0.00	0.00
ENSG00000217878	0.00	0.00
ENSG00000217889	0.50	0.50
ENSG00000217896	0.00	0.00

ENSG00000217897	0.00	0.25
ENSG00000217929	1.00	0.75
ENSG00000217930	44.25	55.75
ENSG00000217950	0.00	0.00
ENSG00000218014	0.00	0.00
ENSG00000218016	0.50	0.00
ENSG00000218020	0.00	0.00
ENSG00000218027	10.00	3.00
ENSG00000218029	0.00	0.00
ENSG00000218048	0.00	0.00
ENSG00000218049	0.00	0.00
ENSG00000218052	20.75	18.00
ENSG00000218069	0.00	0.00
ENSG00000218073	1.00	0.50
ENSG00000218089	0.00	0.00
ENSG00000218107	0.00	0.00
ENSG00000218125	0.00	0.00
ENSG00000218143	0.00	0.00
ENSG00000218153	0.00	1.25
ENSG00000218173	0.00	0.00
ENSG00000218175	3.00	0.50
ENSG00000218180	0.00	0.00
ENSG00000218186	0.25	0.00
ENSG00000218187	0.00	0.00
ENSG00000218189	0.50	0.50
ENSG00000218194	0.00	0.00
ENSG00000218198	0.00	0.00
ENSG00000218208	0.25	0.25
ENSG00000218213	0.00	0.00
ENSG00000218226	27.25	32.25
ENSG00000218227	2.00	1.25
ENSG00000218233	0.50	0.25
ENSG00000218261	0.00	0.00
ENSG00000218265	0.00	0.25
ENSG00000218274	0.00	0.00
ENSG00000218281	0.00	0.50
ENSG00000218283	3.00	1.75
ENSG00000218297	0.00	0.00
ENSG00000218300	0.00	0.00
ENSG00000218305	0.00	0.00
ENSG00000218313	0.00	0.25
ENSG00000218336	202.75	154.75
ENSG00000218337	0.00	0.00

ENSG00000218347	0.00	0.00
ENSG00000218350	0.25	0.00
ENSG00000218351	0.00	0.00
ENSG00000218358	4.75	2.75
ENSG00000218359	0.00	0.00
ENSG00000218363	0.00	0.00
ENSG00000218410	0.00	0.25
ENSG00000218418	1.75	1.75
ENSG00000218424	0.00	0.00
ENSG00000218426	7.00	0.00
ENSG00000218428	0.25	0.00
ENSG00000218454	0.00	0.00
ENSG00000218459	0.00	0.00
ENSG00000218472	0.00	0.00
ENSG00000218475	0.00	0.25
ENSG00000218476	0.00	0.00
ENSG00000218483	0.25	0.00
ENSG00000218490	0.00	0.00
ENSG00000218499	0.00	0.00
ENSG00000218502	0.00	0.25
ENSG00000218512	0.00	0.00
ENSG00000218520	0.00	0.25
ENSG00000218521	0.00	0.00
ENSG00000218536	0.00	0.00
ENSG00000218549	0.00	0.00
ENSG00000218561	0.00	0.00
ENSG00000218565	0.75	0.00
ENSG00000218574	0.25	0.00
ENSG00000218577	0.00	0.00
ENSG00000218582	0.25	0.75
ENSG00000218586	0.00	0.25
ENSG00000218596	0.25	0.25
ENSG00000218617	0.00	0.00
ENSG00000218631	4.25	3.75
ENSG00000218632	0.25	0.00
ENSG00000218643	0.00	0.00
ENSG00000218676	0.00	0.25
ENSG00000218682	0.00	0.50
ENSG00000218689	0.00	0.00
ENSG00000218690	0.00	0.25
ENSG00000218698	0.00	0.00
ENSG00000218713	1.00	0.50
ENSG00000218716	0.00	0.00

ENSG00000218725	0.00	0.00
ENSG00000218728	0.00	0.00
ENSG00000218730	0.00	0.00
ENSG00000218732	0.00	0.00
ENSG00000218739	848.75	751.00
ENSG00000218748	0.00	0.00
ENSG00000218749	0.00	0.00
ENSG00000218754	0.00	0.00
ENSG00000218757	0.00	0.25
ENSG00000218766	0.00	0.00
ENSG00000218772	0.00	0.00
ENSG00000218776	0.00	0.00
ENSG00000218792	0.00	0.25
ENSG00000218793	0.00	0.00
ENSG00000218803	0.00	0.50
ENSG00000218806	0.00	0.00
ENSG00000218809	0.00	0.00
ENSG00000218813	0.00	0.25
ENSG00000218819	0.00	0.25
ENSG00000218823	0.00	0.00
ENSG00000218834	0.00	0.00
ENSG00000218857	0.25	0.25
ENSG00000218868	0.00	0.00
ENSG00000218870	0.00	0.00
ENSG00000218872	0.00	0.00
ENSG00000218890	0.00	0.00
ENSG00000218891	201.75	142.25
ENSG00000218893	0.00	0.00
ENSG00000218896	2.00	1.25
ENSG00000218902	0.00	0.00
ENSG00000218965	0.00	0.00
ENSG00000218976	0.25	0.00
ENSG00000218980	55.25	81.50
ENSG00000218986	0.00	0.00
ENSG00000218991	0.00	0.00
ENSG00000218996	1.75	2.00
ENSG00000219023	0.50	0.00
ENSG00000219027	0.25	0.00
ENSG00000219039	0.75	0.25
ENSG00000219061	0.00	0.00
ENSG00000219073	3.75	3.50
ENSG00000219074	0.00	0.00
ENSG00000219085	1.25	1.00

ENSG00000219087	0.00	0.00
ENSG00000219088	0.25	3.25
ENSG00000219095	0.00	0.00
ENSG00000219102	2.50	3.00
ENSG00000219133	1.25	0.25
ENSG00000219135	0.00	0.00
ENSG00000219139	0.00	0.00
ENSG00000219146	0.25	0.25
ENSG00000219149	0.00	0.25
ENSG00000219150	0.00	0.00
ENSG00000219163	0.50	0.00
ENSG00000219186	0.50	0.50
ENSG00000219188	0.50	0.25
ENSG00000219190	0.00	0.00
ENSG00000219200	1641.00	1422.75
ENSG00000219201	0.75	2.00
ENSG00000219222	0.00	0.00
ENSG00000219240	0.00	0.00
ENSG00000219249	0.00	0.00
ENSG00000219253	0.00	0.00
ENSG00000219257	0.00	0.00
ENSG00000219262	0.00	0.00
ENSG00000219273	30.25	23.50
ENSG00000219274	0.00	0.00
ENSG00000219280	0.25	0.00
ENSG00000219284	0.00	0.00
ENSG00000219294	0.25	0.00
ENSG00000219297	0.00	0.00
ENSG00000219298	0.00	0.00
ENSG00000219302	0.00	0.00
ENSG00000219314	0.00	0.00
ENSG00000219329	0.00	0.00
ENSG00000219355	0.50	0.50
ENSG00000219361	0.00	0.50
ENSG00000219368	0.00	0.00
ENSG00000219375	0.00	0.00
ENSG00000219384	0.00	0.00
ENSG00000219387	0.00	0.00
ENSG00000219391	0.00	0.00
ENSG00000219392	1.00	1.75
ENSG00000219395	1.50	3.00
ENSG00000219404	0.25	0.25
ENSG00000219409	0.00	0.00

ENSG00000219430	0.00	0.25
ENSG00000219433	0.25	0.25
ENSG00000219435	3.00	1.75
ENSG00000219438	1.25	3.00
ENSG00000219451	0.00	0.50
ENSG00000219453	0.00	0.00
ENSG00000219463	0.00	0.00
ENSG00000219470	1.75	3.75
ENSG00000219481	1250.75	746.50
ENSG00000219487	0.00	0.00
ENSG00000219491	0.00	0.00
ENSG00000219492	0.00	0.00
ENSG00000219500	0.00	0.00
ENSG00000219507	14.75	16.25
ENSG00000219529	2.25	2.25
ENSG00000219532	0.00	0.00
ENSG00000219547	0.25	0.00
ENSG00000219549	0.00	0.00
ENSG00000219553	0.00	0.00
ENSG00000219559	0.00	0.00
ENSG00000219565	1.50	8.75
ENSG00000219575	0.00	0.00
ENSG00000219582	0.00	0.00
ENSG00000219592	0.00	0.00
ENSG00000219604	1.75	1.00
ENSG00000219607	80.75	70.25
ENSG00000219608	0.50	0.00
ENSG00000219619	0.00	0.00
ENSG00000219622	0.00	0.00
ENSG00000219626	211.25	186.00
ENSG00000219627	0.00	0.00
ENSG00000219642	0.50	3.25
ENSG00000219653	0.00	0.00
ENSG00000219666	0.00	0.00
ENSG00000219669	0.25	0.00
ENSG00000219681	0.00	0.00
ENSG00000219682	0.75	0.25
ENSG00000219693	1.25	1.00
ENSG00000219699	0.00	0.00
ENSG00000219700	0.00	0.00
ENSG00000219702	0.25	0.00
ENSG00000219703	0.25	0.00
ENSG00000219712	0.25	0.00

ENSG00000219722	0.00	0.00
ENSG00000219736	0.00	0.00
ENSG00000219738	0.00	0.00
ENSG00000219747	2.25	3.25
ENSG00000219755	17.00	16.25
ENSG00000219757	0.00	0.00
ENSG00000219758	0.25	0.00
ENSG00000219770	0.00	0.00
ENSG00000219773	0.00	0.00
ENSG00000219776	0.25	0.75
ENSG00000219784	0.00	0.00
ENSG00000219790	0.00	0.25
ENSG00000219797	0.25	0.00
ENSG00000219806	0.00	0.00
ENSG00000219807	0.00	0.00
ENSG00000219814	0.00	1.75
ENSG00000219863	0.00	0.00
ENSG00000219867	0.00	0.25
ENSG00000219870	0.00	0.00
ENSG00000219881	1.25	0.25
ENSG00000219891	46.50	31.75
ENSG00000219902	1.00	0.25
ENSG00000219928	0.50	0.25
ENSG00000219930	0.25	0.00
ENSG00000219932	0.50	0.75
ENSG00000219940	0.00	0.00
ENSG00000219941	0.00	0.00
ENSG00000219951	1.25	0.50
ENSG00000219986	0.00	0.00
ENSG00000219992	5.25	7.00
ENSG00000219993	0.00	0.00
ENSG00000220008	0.00	0.00
ENSG00000220030	0.00	0.00
ENSG00000220069	0.00	0.00
ENSG00000220076	0.00	0.00
ENSG00000220091	0.00	0.25
ENSG00000220105	0.00	0.00
ENSG00000220110	0.00	0.00
ENSG00000220113	0.00	0.00
ENSG00000220125	0.00	0.00
ENSG00000220130	0.25	0.25
ENSG00000220131	0.00	0.00
ENSG00000220132	0.00	0.00

ENSG00000220139	0.00	0.00
ENSG00000220154	0.00	0.00
ENSG00000220157	0.75	0.00
ENSG00000220181	0.00	0.00
ENSG00000220184	0.00	0.00
ENSG00000220201	17.50	26.50
ENSG00000220204	0.00	0.00
ENSG00000220205	813.75	979.75
ENSG00000220212	0.00	0.00
ENSG00000220237	0.00	0.25
ENSG00000220240	0.00	0.00
ENSG00000220248	0.00	0.00
ENSG00000220267	0.50	0.50
ENSG00000220291	0.25	0.00
ENSG00000220305	3.75	5.00
ENSG00000220311	0.00	0.00
ENSG00000220323	5.75	7.25
ENSG00000220326	0.00	0.00
ENSG00000220340	0.00	0.00
ENSG00000220343	1.75	1.50
ENSG00000220347	0.00	0.00
ENSG00000220349	0.00	0.00
ENSG00000220370	0.00	0.00
ENSG00000220377	0.00	0.00
ENSG00000220378	0.25	0.75
ENSG00000220379	0.00	0.00
ENSG00000220391	0.50	0.50
ENSG00000220392	0.50	0.75
ENSG00000220412	0.00	0.00
ENSG00000220418	0.25	0.00
ENSG00000220446	0.00	0.00
ENSG00000220447	0.00	0.00
ENSG00000220472	0.75	0.25
ENSG00000220483	0.00	0.00
ENSG00000220494	1.50	1.25
ENSG00000220505	0.00	0.00
ENSG00000220506	1.25	1.00
ENSG00000220514	0.00	0.00
ENSG00000220515	0.00	0.00
ENSG00000220517	0.00	0.00
ENSG00000220522	0.00	0.75
ENSG00000220537	0.00	0.00
ENSG00000220540	0.00	0.00

ENSG00000220541	0.00	0.00
ENSG00000220548	0.25	0.50
ENSG00000220550	0.00	0.00
ENSG00000220553	0.00	0.00
ENSG00000220556	0.00	0.00
ENSG00000220557	0.00	0.00
ENSG00000220563	12.25	3.75
ENSG00000220581	0.00	0.00
ENSG00000220583	2.50	3.00
ENSG00000220585	0.00	0.00
ENSG00000220586	0.00	0.00
ENSG00000220598	0.00	0.00
ENSG00000220600	0.00	0.00
ENSG00000220614	1.25	1.00
ENSG00000220635	0.00	0.00
ENSG00000220643	0.00	0.00
ENSG00000220660	0.00	0.00
ENSG00000220666	0.00	0.00
ENSG00000220685	3.00	0.50
ENSG00000220694	0.25	0.50
ENSG00000220695	0.25	0.50
ENSG00000220721	0.00	0.00
ENSG00000220725	0.00	0.00
ENSG00000220730	0.00	0.00
ENSG00000220733	0.00	0.00
ENSG00000220734	0.00	0.00
ENSG00000220739	0.00	0.00
ENSG00000220744	2.75	1.00
ENSG00000220745	0.00	0.00
ENSG00000220748	0.00	0.00
ENSG00000220749	4.00	2.75
ENSG00000220758	0.00	0.00
ENSG00000220771	0.00	0.00
ENSG00000220773	3.75	0.00
ENSG00000220785	459.75	254.50
ENSG00000220793	2.75	4.50
ENSG00000220804	54.50	42.75
ENSG00000220831	0.00	0.00
ENSG00000220842	2408.75	1964.00
ENSG00000220848	37.75	47.75
ENSG00000220867	3.25	1.00
ENSG00000220868	0.00	0.00
ENSG00000220871	0.00	0.00

ENSG00000220875	0.25	0.75
ENSG00000220884	0.00	0.25
ENSG00000220913	0.00	0.00
ENSG00000220918	0.00	0.00
ENSG00000220920	3.50	5.25
ENSG00000220924	0.00	0.00
ENSG00000220937	0.25	0.00
ENSG00000220948	0.00	0.00
ENSG00000220949	0.00	0.00
ENSG00000220960	0.00	0.00
ENSG00000221813	0.00	0.00
ENSG00000221818	12.75	12.00
ENSG00000221821	64.25	50.75
ENSG00000221823	1001.50	1001.25
ENSG00000221826	25.00	6.50
ENSG00000221829	212.25	116.75
ENSG00000221836	0.00	0.00
ENSG00000221837	0.00	0.00
ENSG00000221838	453.50	322.50
ENSG00000221840	0.00	0.00
ENSG00000221843	56.00	31.25
ENSG00000221844	0.00	0.00
ENSG00000221849	0.00	0.00
ENSG00000221852	0.75	4.00
ENSG00000221855	0.00	0.00
ENSG00000221858	0.00	0.00
ENSG00000221859	0.00	0.00
ENSG00000221864	0.00	0.00
ENSG00000221866	223.75	1791.25
ENSG00000221867	0.00	0.00
ENSG00000221869	1114.00	2944.75
ENSG00000221870	0.00	0.00
ENSG00000221874	0.00	1.25
ENSG00000221878	20.00	11.00
ENSG00000221879	0.00	0.00
ENSG00000221880	0.00	0.00
ENSG00000221882	0.00	1.25
ENSG00000221883	29.75	20.25
ENSG00000221886	81.75	77.00
ENSG00000221887	1.50	8.50
ENSG00000221888	0.00	0.00
ENSG00000221890	109.50	116.25
ENSG00000221891	0.00	0.00

ENSG00000221900	0.00	0.00
ENSG00000221909	194.50	154.75
ENSG00000221910	0.00	0.00
ENSG00000221914	787.50	725.75
ENSG00000221916	3.25	3.25
ENSG00000221923	192.00	141.25
ENSG00000221926	351.25	216.00
ENSG00000221930	0.00	0.00
ENSG00000221931	0.00	0.00
ENSG00000221932	0.25	0.25
ENSG00000221933	0.00	0.25
ENSG00000221937	0.00	0.00
ENSG00000221938	0.00	0.00
ENSG00000221944	157.00	141.25
ENSG00000221946	2.25	0.75
ENSG00000221947	16.00	14.50
ENSG00000221954	0.00	0.00
ENSG00000221955	115.00	127.75
ENSG00000221957	0.00	0.00
ENSG00000221961	0.00	0.00
ENSG00000221962	0.00	0.00
ENSG00000221963	1215.00	890.25
ENSG00000221968	1428.75	2513.75
ENSG00000221970	9.50	4.75
ENSG00000221971	0.00	0.00
ENSG00000221972	0.00	0.25
ENSG00000221974	41.25	27.25
ENSG00000221977	0.00	0.00
ENSG00000221978	3926.50	4491.50
ENSG00000221983	7476.75	6485.75
ENSG00000221986	0.75	1.50
ENSG00000221988	24.50	10.25
ENSG00000221989	0.25	0.25
ENSG00000221994	42.75	17.00
ENSG00000221995	72.50	54.00
ENSG00000221996	0.00	0.00
ENSG00000222009	392.00	238.50
ENSG00000222011	83.50	63.25
ENSG00000222014	0.25	0.25
ENSG00000222018	27.00	8.50
ENSG00000222019	25.50	20.75
ENSG00000222024	0.25	0.50
ENSG00000222028	0.25	0.50

ENSG00000222036	0.00	0.00
ENSG00000222037	0.00	0.00
ENSG00000222038	0.00	0.00
ENSG00000222046	10.25	9.00
ENSG00000222047	14.00	6.25
ENSG00000223345	9.75	7.50
ENSG00000223349	0.00	0.00
ENSG00000223350	0.00	0.00
ENSG00000223352	0.25	0.50
ENSG00000223353	0.00	0.00
ENSG00000223355	2.00	2.25
ENSG00000223359	0.00	0.00
ENSG00000223361	19.50	19.50
ENSG00000223362	0.00	0.00
ENSG00000223367	4454.25	3999.00
ENSG00000223368	0.00	0.00
ENSG00000223372	0.00	0.00
ENSG00000223375	0.50	0.50
ENSG00000223376	0.00	0.00
ENSG00000223377	0.00	0.00
ENSG00000223383	0.00	0.00
ENSG00000223389	0.00	0.25
ENSG00000223391	0.00	0.00
ENSG00000223394	0.00	0.00
ENSG00000223395	0.00	0.00
ENSG00000223398	0.00	0.00
ENSG00000223402	0.00	0.00
ENSG00000223406	0.00	0.00
ENSG00000223407	0.00	0.00
ENSG00000223409	0.00	0.00
ENSG00000223412	0.00	0.00
ENSG00000223416	0.50	0.50
ENSG00000223417	0.00	2.50
ENSG00000223418	0.00	0.00
ENSG00000223419	0.00	0.00
ENSG00000223421	0.00	0.00
ENSG00000223422	0.00	0.00
ENSG00000223427	0.00	0.00
ENSG00000223428	0.00	0.00
ENSG00000223429	0.25	0.00
ENSG00000223431	0.25	1.00
ENSG00000223433	0.00	0.00
ENSG00000223437	0.00	0.00

ENSG00000223439	1.50	0.50
ENSG00000223441	0.00	0.00
ENSG00000223443	2.50	2.75
ENSG00000223445	0.00	0.00
ENSG00000223447	0.25	0.00
ENSG00000223448	0.00	0.00
ENSG00000223450	1.75	0.50
ENSG00000223452	0.00	0.00
ENSG00000223455	0.00	0.00
ENSG00000223457	0.00	0.00
ENSG00000223459	259.00	229.75
ENSG00000223460	0.75	0.25
ENSG00000223463	25.75	8.75
ENSG00000223465	0.00	0.75
ENSG00000223467	0.00	0.00
ENSG00000223476	0.50	0.75
ENSG00000223481	61.75	62.75
ENSG00000223484	0.25	0.00
ENSG00000223488	0.00	0.00
ENSG00000223489	0.00	0.00
ENSG00000223490	0.00	0.00
ENSG00000223493	20.00	18.25
ENSG00000223494	34.50	19.75
ENSG00000223495	0.25	0.50
ENSG00000223496	366.75	279.50
ENSG00000223497	0.00	0.00
ENSG00000223498	0.00	0.00
ENSG00000223500	0.00	0.00
ENSG00000223501	133.00	103.75
ENSG00000223503	0.25	0.25
ENSG00000223505	1.00	1.25
ENSG00000223506	0.00	0.00
ENSG00000223508	52.50	36.50
ENSG00000223509	242.75	208.75
ENSG00000223510	1.75	4.00
ENSG00000223513	0.00	0.00
ENSG00000223514	0.00	0.00
ENSG00000223518	6.25	2.75
ENSG00000223519	69.00	33.50
ENSG00000223529	3.00	1.50
ENSG00000223531	0.50	0.25
ENSG00000223532	339.00	263.00
ENSG00000223533	87.50	70.50

ENSG00000223535	0.25	0.75
ENSG00000223538	0.00	0.00
ENSG00000223539	0.00	0.00
ENSG00000223540	0.00	0.00
ENSG00000223543	0.00	0.00
ENSG00000223544	0.00	0.00
ENSG00000223547	312.00	262.25
ENSG00000223549	1.00	1.00
ENSG00000223550	0.00	0.00
ENSG00000223551	2.50	3.25
ENSG00000223553	0.25	0.00
ENSG00000223555	0.00	0.00
ENSG00000223558	0.00	0.00
ENSG00000223559	0.00	0.25
ENSG00000223560	0.00	0.00
ENSG00000223564	0.00	0.00
ENSG00000223565	0.00	0.00
ENSG00000223566	0.00	0.25
ENSG00000223568	0.00	0.00
ENSG00000223569	0.00	0.00
ENSG00000223570	0.00	0.00
ENSG00000223572	0.00	0.00
ENSG00000223574	0.00	0.00
ENSG00000223575	0.00	0.00
ENSG00000223583	0.75	0.50
ENSG00000223584	0.00	0.25
ENSG00000223589	0.00	0.00
ENSG00000223590	0.00	0.00
ENSG00000223591	0.00	0.00
ENSG00000223592	0.00	0.00
ENSG00000223593	0.00	0.25
ENSG00000223595	0.00	0.00
ENSG00000223599	0.00	0.00
ENSG00000223600	0.00	0.00
ENSG00000223601	0.25	0.00
ENSG00000223602	0.50	0.00
ENSG00000223603	0.00	0.00
ENSG00000223604	0.00	0.00
ENSG00000223605	0.00	0.00
ENSG00000223606	0.75	0.50
ENSG00000223609	6.00	3.75
ENSG00000223611	0.00	0.00
ENSG00000223612	0.00	0.00

ENSG00000223614	0.00	0.00
ENSG00000223615	0.00	0.00
ENSG00000223618	71.50	45.25
ENSG00000223619	0.00	0.00
ENSG00000223620	0.00	0.00
ENSG00000223621	0.50	0.00
ENSG00000223622	0.00	0.00
ENSG00000223624	0.25	0.50
ENSG00000223625	0.25	0.00
ENSG00000223628	0.00	0.00
ENSG00000223629	0.00	0.00
ENSG00000223636	0.00	0.00
ENSG00000223637	0.00	0.00
ENSG00000223638	0.50	7.00
ENSG00000223639	509.50	513.75
ENSG00000223640	0.00	0.00
ENSG00000223648	0.00	0.00
ENSG00000223650	0.00	0.75
ENSG00000223651	0.00	0.00
ENSG00000223654	13.75	17.75
ENSG00000223655	0.00	0.00
ENSG00000223656	0.25	0.00
ENSG00000223657	0.00	0.50
ENSG00000223658	7.25	9.75
ENSG00000223663	0.75	0.75
ENSG00000223666	12.50	9.00
ENSG00000223668	1.50	0.25
ENSG00000223671	0.00	0.00
ENSG00000223672	0.00	0.00
ENSG00000223676	0.00	0.00
ENSG00000223677	0.00	0.00
ENSG00000223679	0.00	0.00
ENSG00000223680	4.25	3.50
ENSG00000223683	0.00	0.00
ENSG00000223684	0.00	0.00
ENSG00000223687	22.25	1.25
ENSG00000223688	0.00	0.00
ENSG00000223691	0.25	0.00
ENSG00000223693	0.00	0.00
ENSG00000223694	0.00	1.00
ENSG00000223696	0.00	0.00
ENSG00000223698	0.25	0.00
ENSG00000223699	2.00	0.75

ENSG00000223702	0.00	0.00
ENSG00000223703	0.00	0.00
ENSG00000223705	971.00	724.00
ENSG00000223707	0.00	0.00
ENSG00000223708	0.00	0.00
ENSG00000223709	0.00	0.00
ENSG00000223710	0.00	0.00
ENSG00000223717	0.00	0.00
ENSG00000223718	0.25	0.00
ENSG00000223719	0.00	0.00
ENSG00000223721	0.00	0.00
ENSG00000223722	11.50	18.75
ENSG00000223723	1.00	1.00
ENSG00000223724	0.00	0.00
ENSG00000223728	0.00	0.00
ENSG00000223730	0.00	0.00
ENSG00000223731	1.00	0.00
ENSG00000223733	0.00	0.00
ENSG00000223735	0.00	0.00
ENSG00000223738	0.00	0.00
ENSG00000223739	0.00	0.00
ENSG00000223740	0.00	0.00
ENSG00000223741	0.25	0.50
ENSG00000223744	0.00	0.00
ENSG00000223746	0.00	0.00
ENSG00000223750	0.00	0.00
ENSG00000223752	12.25	8.25
ENSG00000223753	0.00	0.00
ENSG00000223756	534.00	355.00
ENSG00000223757	5.50	3.50
ENSG00000223760	0.75	0.50
ENSG00000223766	33.25	22.25
ENSG00000223767	61.75	49.50
ENSG00000223769	0.00	0.00
ENSG00000223771	0.00	0.00
ENSG00000223772	0.00	0.00
ENSG00000223773	91.75	68.00
ENSG00000223775	92.00	79.00
ENSG00000223777	0.00	0.00
ENSG00000223779	9.50	7.25
ENSG00000223782	0.00	0.00
ENSG00000223787	0.50	0.25
ENSG00000223788	0.00	0.00

ENSG00000223793	0.00	0.00
ENSG00000223794	0.00	0.00
ENSG00000223798	2.75	1.50
ENSG00000223802	43.25	15.50
ENSG00000223803	0.75	0.25
ENSG00000223804	101.50	113.25
ENSG00000223807	0.00	0.00
ENSG00000223810	0.25	0.00
ENSG00000223816	0.00	0.00
ENSG00000223819	0.25	0.75
ENSG00000223820	18.25	7.00
ENSG00000223822	0.25	0.25
ENSG00000223824	0.00	0.00
ENSG00000223825	0.75	0.75
ENSG00000223828	0.00	0.00
ENSG00000223833	0.00	0.00
ENSG00000223836	0.25	0.75
ENSG00000223840	0.75	0.00
ENSG00000223841	0.00	0.00
ENSG00000223844	0.00	0.00
ENSG00000223845	0.00	0.00
ENSG00000223847	0.00	0.00
ENSG00000223849	1.00	0.50
ENSG00000223851	0.00	0.00
ENSG00000223852	0.00	0.00
ENSG00000223853	0.00	0.00
ENSG00000223856	0.00	0.00
ENSG00000223858	0.00	0.00
ENSG00000223860	0.00	0.00
ENSG00000223861	0.00	0.75
ENSG00000223864	0.00	0.00
ENSG00000223865	18.00	9.75
ENSG00000223866	0.00	0.00
ENSG00000223867	0.00	0.00
ENSG00000223869	0.00	0.00
ENSG00000223873	0.00	0.00
ENSG00000223875	13.50	11.00
ENSG00000223876	0.00	0.00
ENSG00000223877	0.00	0.00
ENSG00000223878	10.50	8.00
ENSG00000223885	0.25	0.25
ENSG00000223886	3.75	4.50
ENSG00000223887	41.25	30.75

ENSG00000223889	0.00	0.00
ENSG00000223890	0.00	0.25
ENSG00000223892	1.00	0.50
ENSG00000223893	0.00	0.00
ENSG00000223894	0.00	0.00
ENSG00000223896	0.00	0.00
ENSG00000223897	0.00	0.00
ENSG00000223898	0.00	0.25
ENSG00000223899	1.00	0.75
ENSG00000223903	0.00	0.00
ENSG00000223904	0.25	0.00
ENSG00000223905	0.00	0.00
ENSG00000223908	0.00	0.00
ENSG00000223912	0.50	0.75
ENSG00000223915	0.25	0.00
ENSG00000223916	0.00	0.00
ENSG00000223917	1.00	1.75
ENSG00000223918	0.25	0.00
ENSG00000223919	0.00	0.00
ENSG00000223920	0.25	0.00
ENSG00000223921	0.00	0.00
ENSG00000223922	3.00	1.00
ENSG00000223927	0.50	0.25
ENSG00000223928	0.00	0.00
ENSG00000223931	0.00	0.00
ENSG00000223932	51.00	49.25
ENSG00000223933	0.00	0.00
ENSG00000223939	0.00	0.00
ENSG00000223940	0.00	0.00
ENSG00000223945	0.25	0.50
ENSG00000223948	0.00	0.00
ENSG00000223951	0.00	0.00
ENSG00000223952	0.00	0.00
ENSG00000223953	417.75	560.25
ENSG00000223955	0.00	0.00
ENSG00000223957	191.50	132.00
ENSG00000223958	0.00	0.00
ENSG00000223959	191.50	157.50
ENSG00000223962	0.00	0.00
ENSG00000223963	0.25	0.00
ENSG00000223965	0.00	0.00
ENSG00000223967	0.00	0.00
ENSG00000223968	0.00	0.25

ENSG00000223970	0.00	0.00
ENSG00000223971	0.00	0.00
ENSG00000223972	13.00	3.75
ENSG00000223973	0.00	0.00
ENSG00000223974	0.25	0.00
ENSG00000223976	0.00	0.00
ENSG00000223977	0.00	0.00
ENSG00000223978	0.00	0.00
ENSG00000223980	188.25	168.00
ENSG00000223982	0.00	0.00
ENSG00000223984	0.00	0.00
ENSG00000223986	0.00	0.00
ENSG00000223987	0.00	0.00
ENSG00000223990	0.00	0.00
ENSG00000223995	0.00	0.00
ENSG00000223996	0.00	0.00
ENSG00000223997	0.00	0.00
ENSG00000224001	0.00	0.00
ENSG00000224003	0.00	0.00
ENSG00000224004	0.00	0.00
ENSG00000224006	4.75	5.00
ENSG00000224007	0.00	0.00
ENSG00000224011	0.00	0.00
ENSG00000224012	0.00	0.00
ENSG00000224014	1.75	1.00
ENSG00000224016	0.00	0.00
ENSG00000224019	0.00	0.50
ENSG00000224025	0.00	0.25
ENSG00000224033	0.00	0.00
ENSG00000224035	0.00	0.00
ENSG00000224039	1.00	0.75
ENSG00000224040	0.00	0.00
ENSG00000224041	0.00	0.00
ENSG00000224042	0.25	0.00
ENSG00000224044	0.00	0.00
ENSG00000224045	0.00	0.00
ENSG00000224051	340.00	301.25
ENSG00000224052	0.00	0.00
ENSG00000224053	0.00	0.00
ENSG00000224054	0.00	0.00
ENSG00000224055	0.00	0.00
ENSG00000224058	6.50	5.75
ENSG00000224059	0.00	0.00

ENSG00000224060	0.25	0.25
ENSG00000224061	0.00	0.00
ENSG00000224062	0.00	0.00
ENSG00000224064	0.00	0.00
ENSG00000224065	0.00	0.00
ENSG00000224067	0.50	0.75
ENSG00000224069	0.00	0.00
ENSG00000224070	0.00	0.00
ENSG00000224071	0.25	0.00
ENSG00000224072	2.50	1.00
ENSG00000224080	3.25	13.00
ENSG00000224081	66.00	46.25
ENSG00000224082	0.00	0.00
ENSG00000224083	0.00	0.75
ENSG00000224085	0.00	0.00
ENSG00000224089	0.00	0.00
ENSG00000224092	0.00	0.00
ENSG00000224094	1.25	1.00
ENSG00000224097	4.00	2.00
ENSG00000224098	0.00	0.00
ENSG00000224103	12.75	9.75
ENSG00000224104	0.00	0.00
ENSG00000224105	0.00	0.00
ENSG00000224106	0.75	0.75
ENSG00000224108	0.00	0.00
ENSG00000224109	0.00	0.00
ENSG00000224110	0.00	0.25
ENSG00000224114	9.50	8.50
ENSG00000224117	0.50	0.00
ENSG00000224118	0.00	0.25
ENSG00000224120	17.25	16.00
ENSG00000224121	0.00	0.25
ENSG00000224124	0.00	0.00
ENSG00000224126	9.00	9.50
ENSG00000224129	0.00	0.00
ENSG00000224131	0.00	0.00
ENSG00000224134	0.00	0.00
ENSG00000224136	0.25	0.00
ENSG00000224140	0.00	0.50
ENSG00000224143	56.00	42.00
ENSG00000224144	0.00	0.00
ENSG00000224145	0.00	0.00
ENSG00000224146	0.00	0.00

ENSG00000224151	0.00	0.00
ENSG00000224155	0.00	0.00
ENSG00000224156	2498.75	1099.75
ENSG00000224158	0.00	0.00
ENSG00000224159	0.00	0.00
ENSG00000224160	0.00	0.00
ENSG00000224161	0.00	0.00
ENSG00000224162	0.00	0.00
ENSG00000224163	0.00	0.50
ENSG00000224166	0.00	0.00
ENSG00000224168	0.50	0.25
ENSG00000224169	0.00	0.00
ENSG00000224172	0.25	0.25
ENSG00000224180	87.50	70.50
ENSG00000224183	5.50	2.50
ENSG00000224185	0.00	0.25
ENSG00000224188	0.00	0.00
ENSG00000224196	0.00	0.00
ENSG00000224197	0.00	0.00
ENSG00000224200	12.50	7.25
ENSG00000224203	0.75	0.25
ENSG00000224205	0.00	0.00
ENSG00000224207	0.00	0.25
ENSG00000224208	0.25	0.00
ENSG00000224210	0.00	0.00
ENSG00000224212	41.00	91.50
ENSG00000224217	0.00	0.00
ENSG00000224219	0.00	0.00
ENSG00000224221	0.00	0.00
ENSG00000224224	0.00	0.00
ENSG00000224227	0.25	0.50
ENSG00000224230	0.00	0.00
ENSG00000224232	1.00	1.25
ENSG00000224233	0.00	0.00
ENSG00000224234	0.00	0.00
ENSG00000224236	0.00	0.00
ENSG00000224237	0.00	0.00
ENSG00000224240	0.00	0.00
ENSG00000224241	0.00	0.00
ENSG00000224242	0.00	0.00
ENSG00000224244	0.00	0.00
ENSG00000224245	0.00	0.00
ENSG00000224246	0.00	0.00

ENSG00000224252	0.00	0.00
ENSG00000224253	2.25	1.50
ENSG00000224254	0.00	0.00
ENSG00000224255	0.00	0.00
ENSG00000224256	0.00	0.00
ENSG00000224261	4.00	3.50
ENSG00000224263	0.00	0.00
ENSG00000224264	84.25	58.25
ENSG00000224273	0.25	0.00
ENSG00000224274	0.00	0.00
ENSG00000224278	0.00	0.00
ENSG00000224279	0.00	0.00
ENSG00000224280	0.75	0.00
ENSG00000224282	0.25	0.25
ENSG00000224287	68.00	47.00
ENSG00000224288	0.00	0.00
ENSG00000224289	0.00	0.00
ENSG00000224290	7.50	6.25
ENSG00000224291	0.00	0.00
ENSG00000224293	0.00	0.00
ENSG00000224295	10.00	4.25
ENSG00000224296	0.25	0.00
ENSG00000224297	0.00	0.00
ENSG00000224299	0.25	0.50
ENSG00000224300	0.00	0.00
ENSG00000224302	0.25	0.25
ENSG00000224305	0.00	0.00
ENSG00000224309	1.25	2.00
ENSG00000224312	0.00	0.00
ENSG00000224313	40.50	33.50
ENSG00000224314	0.00	0.00
ENSG00000224315	0.25	0.00
ENSG00000224316	1.75	0.75
ENSG00000224319	0.00	0.00
ENSG00000224320	449.25	426.50
ENSG00000224321	1.00	0.25
ENSG00000224323	0.00	0.00
ENSG00000224324	0.25	0.00
ENSG00000224331	2.25	1.00
ENSG00000224333	0.25	0.25
ENSG00000224334	0.25	0.00
ENSG00000224335	0.25	0.25
ENSG00000224336	0.00	0.00

ENSG00000224337	0.00	0.00
ENSG00000224338	0.00	0.00
ENSG00000224339	0.00	0.00
ENSG00000224340	0.00	0.00
ENSG00000224341	0.25	0.00
ENSG00000224344	0.00	0.00
ENSG00000224346	0.25	0.00
ENSG00000224348	0.25	0.00
ENSG00000224351	0.00	0.00
ENSG00000224352	0.00	0.00
ENSG00000224353	0.00	0.00
ENSG00000224354	0.25	0.00
ENSG00000224355	0.00	0.00
ENSG00000224357	0.00	0.00
ENSG00000224362	0.50	0.00
ENSG00000224365	0.00	0.00
ENSG00000224366	0.00	0.00
ENSG00000224367	0.00	1.25
ENSG00000224368	0.00	0.00
ENSG00000224370	2.75	2.50
ENSG00000224372	0.00	0.00
ENSG00000224373	0.00	0.00
ENSG00000224378	0.00	0.00
ENSG00000224379	0.00	0.50
ENSG00000224383	10.50	6.50
ENSG00000224389	134.75	107.25
ENSG00000224392	0.00	0.00
ENSG00000224393	0.50	0.25
ENSG00000224395	0.00	0.00
ENSG00000224396	0.00	0.00
ENSG00000224398	113.25	120.25
ENSG00000224399	606.25	476.25
ENSG00000224401	0.50	1.25
ENSG00000224402	0.00	0.00
ENSG00000224403	0.00	0.00
ENSG00000224408	0.00	0.00
ENSG00000224410	0.00	0.00
ENSG00000224411	1.50	0.75
ENSG00000224412	0.00	0.00
ENSG00000224414	5.00	5.75
ENSG00000224415	0.00	0.00
ENSG00000224416	0.00	0.00
ENSG00000224419	0.00	0.00

ENSG00000224420	2.25	3.00
ENSG00000224421	0.00	0.00
ENSG00000224425	0.00	0.00
ENSG00000224426	0.00	0.00
ENSG00000224427	0.50	0.25
ENSG00000224430	1.50	0.50
ENSG00000224431	33.75	26.00
ENSG00000224435	0.00	0.00
ENSG00000224436	0.00	0.00
ENSG00000224437	0.00	0.00
ENSG00000224438	0.50	0.00
ENSG00000224439	0.00	0.00
ENSG00000224442	0.00	0.00
ENSG00000224443	0.00	0.00
ENSG00000224444	0.00	0.00
ENSG00000224447	0.00	0.00
ENSG00000224448	0.75	1.00
ENSG00000224451	0.00	0.00
ENSG00000224452	2.75	1.00
ENSG00000224455	127.00	135.00
ENSG00000224458	0.00	0.00
ENSG00000224462	0.25	0.00
ENSG00000224463	0.00	0.00
ENSG00000224464	0.00	0.00
ENSG00000224465	0.00	0.00
ENSG00000224466	0.00	0.00
ENSG00000224469	0.00	0.25
ENSG00000224470	1091.00	1256.25
ENSG00000224471	0.00	0.00
ENSG00000224472	21.00	24.75
ENSG00000224473	0.50	0.75
ENSG00000224475	0.50	0.00
ENSG00000224476	0.00	0.00
ENSG00000224479	7.50	5.25
ENSG00000224482	0.00	0.00
ENSG00000224484	0.50	0.25
ENSG00000224485	0.00	0.00
ENSG00000224486	0.00	0.00
ENSG00000224487	0.00	0.00
ENSG00000224488	0.50	0.00
ENSG00000224493	0.00	0.00
ENSG00000224494	0.00	0.00
ENSG00000224496	0.00	0.00

ENSG00000224497	1.50	0.75
ENSG00000224498	0.00	0.00
ENSG00000224501	265.00	192.25
ENSG00000224510	0.00	0.00
ENSG00000224518	0.00	0.00
ENSG00000224519	0.00	0.00
ENSG00000224520	1.50	0.00
ENSG00000224523	0.25	0.00
ENSG00000224524	0.00	0.00
ENSG00000224526	2.75	2.75
ENSG00000224529	0.00	0.00
ENSG00000224530	0.00	0.00
ENSG00000224531	246.25	338.00
ENSG00000224537	0.00	0.00
ENSG00000224538	0.00	0.00
ENSG00000224539	0.00	0.00
ENSG00000224540	0.00	0.00
ENSG00000224542	0.50	0.00
ENSG00000224543	5.50	4.00
ENSG00000224544	0.25	0.50
ENSG00000224545	0.00	0.00
ENSG00000224546	1.50	1.75
ENSG00000224547	0.00	0.00
ENSG00000224548	0.00	0.00
ENSG00000224550	0.00	0.50
ENSG00000224551	0.00	0.00
ENSG00000224552	93.75	130.75
ENSG00000224553	0.00	0.25
ENSG00000224554	0.00	0.00
ENSG00000224555	0.00	0.00
ENSG00000224556	0.00	0.00
ENSG00000224557	0.00	0.00
ENSG00000224560	0.00	0.00
ENSG00000224564	0.25	0.25
ENSG00000224566	1.75	1.00
ENSG00000224567	0.00	0.00
ENSG00000224569	0.00	0.00
ENSG00000224570	0.25	0.00
ENSG00000224571	0.00	0.00
ENSG00000224573	0.00	0.00
ENSG00000224578	67.25	67.75
ENSG00000224579	0.00	0.00
ENSG00000224584	0.00	0.00

ENSG00000224585	0.00	0.00
ENSG00000224586	0.00	0.00
ENSG00000224587	173.00	146.50
ENSG00000224589	0.00	0.00
ENSG00000224590	0.00	0.00
ENSG00000224593	0.00	0.00
ENSG00000224594	25.75	17.50
ENSG00000224598	0.00	0.00
ENSG00000224599	0.00	0.00
ENSG00000224600	0.00	0.25
ENSG00000224602	0.00	0.00
ENSG00000224603	0.00	0.00
ENSG00000224604	0.00	0.00
ENSG00000224607	0.00	0.00
ENSG00000224608	2196.75	1842.50
ENSG00000224611	0.00	0.00
ENSG00000224617	0.00	0.00
ENSG00000224618	0.00	0.25
ENSG00000224620	0.00	0.00
ENSG00000224622	0.00	0.00
ENSG00000224625	0.00	0.50
ENSG00000224627	0.00	0.00
ENSG00000224628	0.00	0.00
ENSG00000224629	3.50	1.50
ENSG00000224630	0.00	0.00
ENSG00000224631	1.75	1.50
ENSG00000224632	0.00	0.00
ENSG00000224633	0.00	0.00
ENSG00000224634	0.00	0.00
ENSG00000224637	0.00	0.00
ENSG00000224640	0.00	0.00
ENSG00000224646	1.25	0.00
ENSG00000224647	0.50	0.50
ENSG00000224650	0.25	1.50
ENSG00000224653	0.00	0.00
ENSG00000224654	0.00	0.00
ENSG00000224656	0.00	0.00
ENSG00000224657	0.00	0.00
ENSG00000224659	0.00	0.00
ENSG00000224662	0.00	0.00
ENSG00000224664	0.00	0.00
ENSG00000224667	0.00	0.00
ENSG00000224668	0.50	2.25

ENSG00000224669	0.00	0.00
ENSG00000224670	0.00	0.00
ENSG00000224672	1.00	0.50
ENSG00000224674	1.00	1.50
ENSG00000224677	0.00	0.00
ENSG00000224678	0.50	0.25
ENSG00000224679	0.00	0.00
ENSG00000224680	1.25	1.25
ENSG00000224681	0.00	0.00
ENSG00000224682	0.00	0.00
ENSG00000224683	0.00	0.00
ENSG00000224685	0.00	0.00
ENSG00000224686	0.00	0.00
ENSG00000224688	0.00	0.00
ENSG00000224689	2.25	1.75
ENSG00000224690	5.50	5.00
ENSG00000224692	0.00	0.00
ENSG00000224693	0.00	0.00
ENSG00000224695	0.00	0.00
ENSG00000224697	0.00	0.00
ENSG00000224701	0.00	0.00
ENSG00000224706	0.00	0.00
ENSG00000224708	0.00	0.00
ENSG00000224709	0.00	0.00
ENSG00000224710	0.00	0.00
ENSG00000224712	1.50	7.50
ENSG00000224719	0.00	0.00
ENSG00000224722	0.50	0.25
ENSG00000224723	0.00	0.00
ENSG00000224725	0.00	0.00
ENSG00000224727	0.75	0.75
ENSG00000224728	7.25	4.50
ENSG00000224732	0.00	0.00
ENSG00000224735	0.00	0.00
ENSG00000224736	7.00	8.00
ENSG00000224740	927.75	934.75
ENSG00000224747	1.75	0.50
ENSG00000224748	3.75	1.25
ENSG00000224751	0.00	0.50
ENSG00000224752	0.00	0.00
ENSG00000224755	0.00	0.25
ENSG00000224760	0.00	0.00
ENSG00000224762	0.00	0.00

ENSG00000224763	0.25	0.00
ENSG00000224769	9.25	6.50
ENSG00000224770	0.00	0.00
ENSG00000224773	0.50	0.00
ENSG00000224774	194.75	146.00
ENSG00000224775	0.75	0.25
ENSG00000224776	0.00	0.00
ENSG00000224777	0.00	0.00
ENSG00000224778	0.00	0.00
ENSG00000224781	0.50	0.00
ENSG00000224782	51.50	51.25
ENSG00000224783	0.00	0.00
ENSG00000224784	0.00	0.00
ENSG00000224785	0.25	0.00
ENSG00000224786	1.00	0.50
ENSG00000224791	0.00	0.00
ENSG00000224792	0.00	0.00
ENSG00000224793	0.00	0.00
ENSG00000224796	0.00	0.00
ENSG00000224797	0.00	0.00
ENSG00000224800	1.25	2.25
ENSG00000224801	0.00	0.00
ENSG00000224802	0.25	0.00
ENSG00000224806	0.25	0.00
ENSG00000224807	0.50	0.25
ENSG00000224809	0.25	0.25
ENSG00000224813	0.00	0.00
ENSG00000224815	0.00	0.50
ENSG00000224816	0.00	0.00
ENSG00000224820	0.00	0.25
ENSG00000224826	2.75	0.75
ENSG00000224827	1.00	0.75
ENSG00000224829	0.00	0.00
ENSG00000224830	0.00	0.00
ENSG00000224831	45.50	38.00
ENSG00000224834	0.00	0.00
ENSG00000224836	0.00	0.00
ENSG00000224837	62.00	60.25
ENSG00000224839	0.75	0.00
ENSG00000224841	159.00	153.50
ENSG00000224852	0.00	0.00
ENSG00000224856	0.25	0.50
ENSG00000224858	3.00	3.00

ENSG00000224859	1.50	0.00
ENSG00000224860	0.00	0.00
ENSG00000224861	1.75	3.25
ENSG00000224864	3.50	0.75
ENSG00000224866	0.00	0.00
ENSG00000224869	0.00	0.00
ENSG00000224873	0.00	0.00
ENSG00000224874	0.00	0.00
ENSG00000224877	281.00	235.75
ENSG00000224880	0.00	0.00
ENSG00000224881	22.75	18.75
ENSG00000224886	0.50	0.00
ENSG00000224887	0.00	0.00
ENSG00000224889	0.00	0.00
ENSG00000224891	1.00	0.00
ENSG00000224892	28.25	23.50
ENSG00000224894	0.00	0.00
ENSG00000224895	0.00	0.00
ENSG00000224896	0.00	0.00
ENSG00000224902	0.00	0.00
ENSG00000224904	0.00	0.00
ENSG00000224906	0.00	0.00
ENSG00000224907	0.00	0.00
ENSG00000224908	0.00	0.00
ENSG00000224916	0.25	0.00
ENSG00000224917	0.00	0.00
ENSG00000224920	0.00	0.00
ENSG00000224921	0.00	0.00
ENSG00000224925	0.00	0.00
ENSG00000224927	0.00	0.00
ENSG00000224928	0.25	0.00
ENSG00000224929	0.00	0.00
ENSG00000224931	0.00	0.00
ENSG00000224936	0.00	0.00
ENSG00000224940	2.25	3.75
ENSG00000224941	21.00	24.75
ENSG00000224942	0.00	0.00
ENSG00000224946	0.00	0.00
ENSG00000224947	0.00	0.00
ENSG00000224948	0.25	0.00
ENSG00000224949	0.00	0.00
ENSG00000224952	119.00	88.75
ENSG00000224953	0.00	0.00

ENSG00000224954	0.50	0.00
ENSG00000224955	0.00	0.00
ENSG00000224960	0.00	0.00
ENSG00000224962	0.00	0.00
ENSG00000224964	0.00	0.00
ENSG00000224966	0.00	0.00
ENSG00000224967	1.00	0.25
ENSG00000224971	0.00	0.00
ENSG00000224976	1.25	0.75
ENSG00000224978	0.00	0.00
ENSG00000224979	39.00	28.25
ENSG00000224980	0.00	0.00
ENSG00000224981	6.00	4.00
ENSG00000224982	1.00	3.75
ENSG00000224986	0.00	0.25
ENSG00000224987	0.00	0.00
ENSG00000224988	0.00	0.00
ENSG00000224990	0.00	0.00
ENSG00000224993	1.00	1.25
ENSG00000224994	22.50	21.00
ENSG00000224999	0.00	0.00
ENSG00000225003	0.00	0.00
ENSG00000225005	4.00	3.75
ENSG00000225008	0.25	0.25
ENSG00000225011	0.00	0.00
ENSG00000225014	0.25	0.00
ENSG00000225016	0.25	0.00
ENSG00000225017	0.00	0.25
ENSG00000225018	0.00	0.00
ENSG00000225022	0.00	0.00
ENSG00000225023	0.00	0.00
ENSG00000225024	0.00	0.25
ENSG00000225025	0.00	0.00
ENSG00000225026	0.00	0.25
ENSG00000225027	0.00	0.00
ENSG00000225029	0.00	0.00
ENSG00000225031	34.50	29.75
ENSG00000225034	0.00	0.00
ENSG00000225036	0.50	0.50
ENSG00000225043	0.50	0.25
ENSG00000225045	0.00	0.00
ENSG00000225046	0.00	0.00
ENSG00000225048	0.00	0.00

ENSG00000225051	4.50	2.25
ENSG00000225053	0.00	0.00
ENSG00000225055	0.00	0.00
ENSG00000225060	620.50	531.50
ENSG00000225066	0.75	0.50
ENSG00000225067	1.25	1.75
ENSG00000225069	0.00	0.00
ENSG00000225071	0.50	0.75
ENSG00000225072	0.00	0.00
ENSG00000225073	412.00	466.25
ENSG00000225078	0.00	0.00
ENSG00000225079	0.00	0.00
ENSG00000225080	9.75	9.50
ENSG00000225082	0.00	0.00
ENSG00000225086	1.00	0.50
ENSG00000225093	1.00	1.00
ENSG00000225094	2.50	2.00
ENSG00000225098	0.00	1.25
ENSG00000225099	0.00	0.00
ENSG00000225100	4.25	3.25
ENSG00000225101	2.25	0.00
ENSG00000225103	0.00	0.00
ENSG00000225108	13.50	11.75
ENSG00000225109	0.25	0.75
ENSG00000225110	0.00	0.00
ENSG00000225114	0.00	0.00
ENSG00000225116	0.00	0.00
ENSG00000225117	0.00	0.00
ENSG00000225118	0.00	0.00
ENSG00000225120	1.75	1.75
ENSG00000225121	0.00	0.00
ENSG00000225122	0.00	0.00
ENSG00000225123	0.25	0.00
ENSG00000225124	0.00	0.00
ENSG00000225125	9.25	4.50
ENSG00000225130	0.00	0.00
ENSG00000225131	0.50	0.00
ENSG00000225132	0.00	0.25
ENSG00000225133	0.00	0.00
ENSG00000225136	0.00	0.00
ENSG00000225137	0.00	0.75
ENSG00000225141	18.25	12.25
ENSG00000225142	0.00	0.00

ENSG00000225145	0.00	0.00
ENSG00000225147	0.00	0.00
ENSG00000225150	0.00	0.00
ENSG00000225151	557.75	328.75
ENSG00000225154	0.25	0.00
ENSG00000225155	0.00	0.00
ENSG00000225158	0.00	0.00
ENSG00000225159	1.00	1.00
ENSG00000225164	253.25	204.75
ENSG00000225165	0.00	0.25
ENSG00000225167	0.00	0.00
ENSG00000225169	0.00	0.50
ENSG00000225170	0.25	0.00
ENSG00000225171	0.75	1.25
ENSG00000225175	0.00	0.00
ENSG00000225176	0.00	0.00
ENSG00000225178	6.75	5.25
ENSG00000225182	0.00	0.00
ENSG00000225183	0.00	0.25
ENSG00000225185	0.00	0.00
ENSG00000225189	0.00	0.00
ENSG00000225190	619.75	505.00
ENSG00000225191	0.00	0.00
ENSG00000225192	0.50	0.50
ENSG00000225193	1.00	0.50
ENSG00000225196	0.00	0.00
ENSG00000225198	0.25	0.25
ENSG00000225200	1.25	0.75
ENSG00000225201	1611.75	1839.50
ENSG00000225210	162.75	171.75
ENSG00000225211	0.00	0.00
ENSG00000225212	0.00	0.00
ENSG00000225215	0.00	0.00
ENSG00000225217	2.75	0.50
ENSG00000225221	0.00	0.00
ENSG00000225222	0.00	0.00
ENSG00000225224	0.50	0.50
ENSG00000225225	0.00	0.00
ENSG00000225228	0.00	0.00
ENSG00000225236	0.00	0.00
ENSG00000225237	0.00	0.00
ENSG00000225238	0.00	0.00
ENSG00000225239	0.00	0.00

ENSG00000225240	0.00	0.00
ENSG00000225242	0.00	0.00
ENSG00000225244	0.00	0.00
ENSG00000225246	0.25	0.25
ENSG00000225247	0.00	0.00
ENSG00000225248	0.00	0.00
ENSG00000225251	0.00	0.00
ENSG00000225253	0.00	0.25
ENSG00000225254	0.00	0.00
ENSG00000225256	0.00	0.00
ENSG00000225259	3.75	4.00
ENSG00000225264	12.75	8.50
ENSG00000225267	0.00	0.00
ENSG00000225270	0.00	0.25
ENSG00000225271	0.00	0.00
ENSG00000225272	0.00	0.00
ENSG00000225274	0.00	0.00
ENSG00000225275	0.00	0.00
ENSG00000225276	0.00	0.00
ENSG00000225282	0.50	0.75
ENSG00000225286	0.25	0.00
ENSG00000225287	0.00	0.00
ENSG00000225289	0.00	0.00
ENSG00000225291	0.00	0.00
ENSG00000225293	0.00	0.00
ENSG00000225294	0.00	0.00
ENSG00000225295	0.00	0.00
ENSG00000225297	0.00	0.00
ENSG00000225304	0.00	0.00
ENSG00000225305	0.00	0.00
ENSG00000225308	0.00	0.00
ENSG00000225310	0.00	0.00
ENSG00000225312	12.75	9.75
ENSG00000225314	0.00	0.00
ENSG00000225317	0.25	0.00
ENSG00000225323	0.00	0.00
ENSG00000225326	0.00	0.00
ENSG00000225327	0.00	0.00
ENSG00000225333	0.00	0.00
ENSG00000225336	0.00	0.00
ENSG00000225338	0.25	0.25
ENSG00000225343	0.00	0.00
ENSG00000225344	0.00	0.00

ENSG00000225345	20.00	16.50
ENSG00000225346	0.00	0.00
ENSG00000225347	0.00	0.00
ENSG00000225349	0.25	0.75
ENSG00000225351	3.00	3.00
ENSG00000225352	0.00	0.00
ENSG00000225354	0.00	0.00
ENSG00000225355	0.00	0.00
ENSG00000225356	0.00	0.00
ENSG00000225357	0.00	0.00
ENSG00000225358	0.00	0.00
ENSG00000225360	0.00	0.00
ENSG00000225362	4.75	2.75
ENSG00000225364	0.00	0.00
ENSG00000225366	2.50	4.50
ENSG00000225369	0.00	0.00
ENSG00000225370	0.00	0.00
ENSG00000225371	0.00	0.00
ENSG00000225380	0.00	0.00
ENSG00000225381	0.00	0.00
ENSG00000225384	0.00	0.00
ENSG00000225385	0.00	0.25
ENSG00000225392	0.00	0.00
ENSG00000225394	0.00	0.00
ENSG00000225397	0.00	0.00
ENSG00000225398	24.00	14.25
ENSG00000225400	10.00	5.75
ENSG00000225401	0.00	0.25
ENSG00000225402	0.00	0.00
ENSG00000225403	0.00	0.00
ENSG00000225404	0.00	0.00
ENSG00000225405	0.00	0.00
ENSG00000225406	0.00	0.00
ENSG00000225412	0.00	0.00
ENSG00000225415	0.50	0.50
ENSG00000225416	0.00	0.00
ENSG00000225418	0.25	0.00
ENSG00000225419	0.25	1.25
ENSG00000225422	6.50	12.50
ENSG00000225423	0.00	0.00
ENSG00000225428	0.00	0.00
ENSG00000225429	0.00	0.25
ENSG00000225433	0.00	0.00

ENSG00000225438	0.00	0.00
ENSG00000225441	0.00	0.00
ENSG00000225443	0.00	0.00
ENSG00000225447	3.75	1.25
ENSG00000225448	0.00	0.00
ENSG00000225449	0.75	0.00
ENSG00000225451	0.00	0.00
ENSG00000225452	61.75	49.50
ENSG00000225453	0.00	0.00
ENSG00000225454	0.00	0.00
ENSG00000225455	0.00	0.00
ENSG00000225459	0.00	0.00
ENSG00000225460	0.00	0.00
ENSG00000225462	0.25	0.00
ENSG00000225463	0.00	0.00
ENSG00000225466	0.00	0.00
ENSG00000225469	0.25	0.00
ENSG00000225471	0.00	0.00
ENSG00000225475	0.00	0.00
ENSG00000225476	0.00	0.00
ENSG00000225477	0.00	0.00
ENSG00000225478	0.00	0.00
ENSG00000225480	0.25	0.00
ENSG00000225482	0.00	0.00
ENSG00000225483	0.00	0.00
ENSG00000225486	0.00	0.00
ENSG00000225487	0.00	0.00
ENSG00000225491	0.00	0.00
ENSG00000225492	18.25	11.75
ENSG00000225496	0.00	0.00
ENSG00000225499	0.00	0.00
ENSG00000225501	0.00	0.00
ENSG00000225502	0.00	0.25
ENSG00000225505	0.25	0.00
ENSG00000225507	16.25	13.00
ENSG00000225508	0.00	0.00
ENSG00000225509	0.00	0.00
ENSG00000225510	0.00	0.00
ENSG00000225513	0.00	0.75
ENSG00000225514	0.00	0.00
ENSG00000225522	0.00	0.00
ENSG00000225523	0.00	0.00
ENSG00000225526	3.75	4.50

ENSG00000225528	0.00	0.25
ENSG00000225530	0.00	0.00
ENSG00000225531	0.50	0.25
ENSG00000225533	0.00	0.00
ENSG00000225536	0.00	0.00
ENSG00000225538	0.00	0.00
ENSG00000225543	0.00	0.00
ENSG00000225544	0.00	0.00
ENSG00000225549	0.25	0.00
ENSG00000225550	0.00	0.00
ENSG00000225551	0.00	0.00
ENSG00000225553	1368.00	1141.75
ENSG00000225556	5.50	3.00
ENSG00000225557	0.00	0.00
ENSG00000225558	0.00	0.25
ENSG00000225560	0.00	0.00
ENSG00000225567	0.00	0.00
ENSG00000225568	0.00	0.00
ENSG00000225569	0.25	0.00
ENSG00000225571	0.00	0.00
ENSG00000225573	1.25	1.25
ENSG00000225574	0.00	0.00
ENSG00000225580	0.00	0.25
ENSG00000225581	0.00	1.00
ENSG00000225583	0.00	0.00
ENSG00000225585	0.00	0.00
ENSG00000225589	8.00	7.25
ENSG00000225590	133.00	103.75
ENSG00000225591	0.25	0.25
ENSG00000225592	0.00	0.00
ENSG00000225594	0.00	0.00
ENSG00000225603	0.00	0.00
ENSG00000225609	0.00	0.00
ENSG00000225614	795.00	880.50
ENSG00000225615	0.00	0.00
ENSG00000225616	0.00	0.00
ENSG00000225622	0.00	0.00
ENSG00000225624	0.00	0.00
ENSG00000225625	0.00	0.00
ENSG00000225630	1145.25	1096.00
ENSG00000225635	214.25	171.00
ENSG00000225636	0.75	0.00
ENSG00000225638	0.00	0.00

ENSG00000225639	0.25	0.25
ENSG00000225642	0.00	0.00
ENSG00000225644	0.00	0.00
ENSG00000225648	435.50	393.00
ENSG00000225650	0.00	0.00
ENSG00000225653	0.00	0.00
ENSG00000225658	0.50	0.00
ENSG00000225659	0.00	0.00
ENSG00000225660	0.00	0.00
ENSG00000225661	0.00	0.00
ENSG00000225662	0.00	0.00
ENSG00000225663	1406.75	1296.25
ENSG00000225664	0.00	0.00
ENSG00000225665	0.00	0.00
ENSG00000225669	0.00	0.00
ENSG00000225671	0.00	0.00
ENSG00000225672	0.00	0.00
ENSG00000225673	0.00	0.00
ENSG00000225674	0.50	0.00
ENSG00000225678	0.50	0.00
ENSG00000225681	0.00	0.00
ENSG00000225682	40.50	33.50
ENSG00000225685	0.00	0.00
ENSG00000225690	0.00	0.00
ENSG00000225691	1466.50	1495.50
ENSG00000225693	3.25	2.75
ENSG00000225695	0.50	0.50
ENSG00000225696	0.00	0.00
ENSG00000225697	290.00	496.50
ENSG00000225698	0.00	0.00
ENSG00000225701	0.00	0.00
ENSG00000225704	3.50	1.50
ENSG00000225705	0.00	0.00
ENSG00000225710	0.00	0.00
ENSG00000225711	0.00	0.00
ENSG00000225712	0.25	0.00
ENSG00000225713	0.00	0.00
ENSG00000225714	0.00	0.00
ENSG00000225715	0.50	0.25
ENSG00000225716	0.00	0.00
ENSG00000225719	0.00	0.00
ENSG00000225720	0.00	0.00
ENSG00000225722	0.00	0.00

ENSG00000225723	0.00	0.00
ENSG00000225724	0.00	0.25
ENSG00000225726	1.25	0.75
ENSG00000225727	0.00	0.00
ENSG00000225728	0.00	0.00
ENSG00000225735	0.00	0.00
ENSG00000225736	0.00	0.00
ENSG00000225737	17.25	30.00
ENSG00000225739	0.25	0.00
ENSG00000225740	0.00	0.00
ENSG00000225741	0.00	0.00
ENSG00000225748	164.75	153.00
ENSG00000225755	0.00	0.00
ENSG00000225758	0.00	0.00
ENSG00000225763	0.00	0.00
ENSG00000225766	3.75	5.75
ENSG00000225769	0.00	0.00
ENSG00000225770	0.25	0.00
ENSG00000225774	0.75	0.00
ENSG00000225777	0.00	0.00
ENSG00000225779	0.00	0.50
ENSG00000225781	0.00	0.00
ENSG00000225787	0.00	0.00
ENSG00000225795	0.00	0.00
ENSG00000225796	0.00	0.00
ENSG00000225797	0.00	0.00
ENSG00000225801	0.00	0.00
ENSG00000225802	0.00	0.00
ENSG00000225803	0.00	0.00
ENSG00000225805	1.25	1.00
ENSG00000225808	4.00	4.25
ENSG00000225809	0.00	0.00
ENSG00000225813	1.50	1.25
ENSG00000225814	0.00	0.00
ENSG00000225816	0.00	0.00
ENSG00000225823	0.00	0.25
ENSG00000225824	1.00	2.00
ENSG00000225825	0.00	0.00
ENSG00000225827	0.00	0.00
ENSG00000225828	93.00	80.75
ENSG00000225830	382.25	268.75
ENSG00000225831	0.00	0.00
ENSG00000225832	0.00	0.00

ENSG00000225838	0.00	0.00
ENSG00000225840	4737.00	4443.00
ENSG00000225842	0.00	0.00
ENSG00000225843	0.75	0.50
ENSG00000225845	0.00	0.00
ENSG00000225846	0.00	0.00
ENSG00000225849	1.50	0.50
ENSG00000225851	0.00	0.00
ENSG00000225854	0.00	0.00
ENSG00000225856	0.00	0.00
ENSG00000225858	0.00	0.00
ENSG00000225859	936.75	900.75
ENSG00000225864	0.00	0.00
ENSG00000225869	0.00	0.00
ENSG00000225871	6.50	5.50
ENSG00000225873	0.50	0.75
ENSG00000225876	0.00	0.00
ENSG00000225878	0.00	0.00
ENSG00000225883	2.25	4.50
ENSG00000225890	17.75	12.50
ENSG00000225893	0.00	0.00
ENSG00000225895	0.00	0.00
ENSG00000225896	0.00	0.00
ENSG00000225898	0.00	0.00
ENSG00000225899	0.00	1.25
ENSG00000225900	0.25	0.00
ENSG00000225901	0.00	0.00
ENSG00000225904	0.00	0.00
ENSG00000225906	0.00	0.00
ENSG00000225907	0.50	0.50
ENSG00000225911	0.00	0.00
ENSG00000225912	0.00	0.00
ENSG00000225918	0.00	0.00
ENSG00000225920	12.25	11.50
ENSG00000225921	639.75	609.75
ENSG00000225922	0.00	0.00
ENSG00000225923	0.00	0.00
ENSG00000225925	0.00	0.00
ENSG00000225926	0.00	0.00
ENSG00000225927	0.00	0.00
ENSG00000225928	0.00	0.25
ENSG00000225932	19.75	15.50
ENSG00000225933	0.00	0.25

ENSG00000225934	0.00	0.00
ENSG00000225935	0.00	0.00
ENSG00000225939	0.00	0.00
ENSG00000225940	0.25	0.50
ENSG00000225943	0.00	0.00
ENSG00000225944	0.00	0.00
ENSG00000225947	0.00	0.00
ENSG00000225949	0.00	0.00
ENSG00000225950	1.75	1.75
ENSG00000225954	0.00	0.00
ENSG00000225955	0.00	0.00
ENSG00000225957	0.00	0.00
ENSG00000225959	0.00	0.00
ENSG00000225965	0.00	0.25
ENSG00000225967	61.75	62.75
ENSG00000225968	15.50	6.00
ENSG00000225971	0.00	0.00
ENSG00000225972	44.25	45.00
ENSG00000225973	81.75	70.50
ENSG00000225976	0.00	0.00
ENSG00000225980	0.00	0.00
ENSG00000225984	0.00	0.00
ENSG00000225987	43.00	28.50
ENSG00000225989	257.00	234.50
ENSG00000225990	0.00	0.00
ENSG00000225991	1.00	0.75
ENSG00000225992	0.00	0.00
ENSG00000225993	0.00	0.00
ENSG00000225997	0.00	0.00
ENSG00000225998	39.00	28.25
ENSG00000225999	0.00	0.00
ENSG00000226000	0.00	0.00
ENSG00000226002	4.00	2.00
ENSG00000226003	0.00	0.00
ENSG00000226008	0.00	0.00
ENSG00000226010	0.00	0.25
ENSG00000226011	0.75	0.00
ENSG00000226013	0.00	0.00
ENSG00000226014	0.00	0.00
ENSG00000226015	19.00	17.00
ENSG00000226016	0.00	0.00
ENSG00000226020	0.00	0.00
ENSG00000226023	0.00	0.00

ENSG00000226024	0.50	0.50
ENSG00000226025	0.50	0.00
ENSG00000226027	0.00	0.00
ENSG00000226028	0.25	0.00
ENSG00000226030	0.00	0.00
ENSG00000226033	54.25	46.25
ENSG00000226034	0.00	0.00
ENSG00000226035	0.00	0.00
ENSG00000226036	0.00	0.75
ENSG00000226038	0.50	0.00
ENSG00000226040	0.00	0.00
ENSG00000226042	0.00	0.00
ENSG00000226045	0.25	0.00
ENSG00000226046	0.00	0.00
ENSG00000226048	0.00	0.00
ENSG00000226049	0.00	0.00
ENSG00000226050	0.00	0.00
ENSG00000226054	4.75	8.50
ENSG00000226055	6.25	4.50
ENSG00000226056	0.25	0.00
ENSG00000226057	0.00	0.00
ENSG00000226058	0.25	0.00
ENSG00000226059	2.50	2.25
ENSG00000226060	129.50	117.25
ENSG00000226061	0.25	0.00
ENSG00000226064	0.00	0.00
ENSG00000226065	12.50	16.50
ENSG00000226066	0.00	0.00
ENSG00000226068	0.00	0.00
ENSG00000226071	0.00	0.00
ENSG00000226072	0.75	0.00
ENSG00000226074	0.00	0.00
ENSG00000226075	0.00	0.00
ENSG00000226080	0.00	0.50
ENSG00000226081	0.00	0.00
ENSG00000226082	0.00	0.25
ENSG00000226084	4.75	2.50
ENSG00000226085	27.25	16.75
ENSG00000226086	0.50	0.75
ENSG00000226092	0.00	0.00
ENSG00000226093	0.00	0.00
ENSG00000226094	0.00	0.00
ENSG00000226096	0.00	0.00

ENSG00000226098	0.25	0.00
ENSG00000226102	0.25	0.25
ENSG00000226103	16.75	31.75
ENSG00000226107	1.50	0.75
ENSG00000226108	0.00	0.00
ENSG00000226109	1.50	0.00
ENSG00000226110	0.00	0.00
ENSG00000226111	92.00	79.00
ENSG00000226112	0.00	0.00
ENSG00000226114	0.00	0.00
ENSG00000226116	0.00	0.00
ENSG00000226117	0.00	0.00
ENSG00000226118	0.00	0.00
ENSG00000226119	0.00	0.00
ENSG00000226121	4.00	12.75
ENSG00000226124	28.75	18.75
ENSG00000226126	0.00	0.00
ENSG00000226127	0.00	0.00
ENSG00000226128	0.00	0.00
ENSG00000226131	0.25	0.25
ENSG00000226132	0.25	0.50
ENSG00000226138	0.25	0.25
ENSG00000226141	0.00	0.00
ENSG00000226142	0.00	0.00
ENSG00000226144	0.00	0.00
ENSG00000226145	0.00	0.00
ENSG00000226147	4.00	1.50
ENSG00000226148	0.75	0.25
ENSG00000226152	0.00	0.00
ENSG00000226153	1.50	0.50
ENSG00000226156	0.00	0.00
ENSG00000226157	0.00	0.00
ENSG00000226158	0.25	0.25
ENSG00000226160	0.00	0.00
ENSG00000226161	1.00	0.00
ENSG00000226164	0.00	0.00
ENSG00000226165	0.00	0.25
ENSG00000226166	0.00	0.00
ENSG00000226168	0.00	0.00
ENSG00000226171	124.50	143.25
ENSG00000226173	125.50	94.00
ENSG00000226174	28.75	16.50
ENSG00000226175	0.50	0.00

ENSG00000226182	0.00	0.00
ENSG00000226183	0.00	0.00
ENSG00000226185	0.50	0.00
ENSG00000226186	0.00	0.00
ENSG00000226187	0.00	0.00
ENSG00000226188	0.50	1.50
ENSG00000226191	0.50	0.00
ENSG00000226192	0.00	0.00
ENSG00000226196	0.00	0.00
ENSG00000226199	0.00	0.00
ENSG00000226201	68.50	40.75
ENSG00000226205	0.25	0.00
ENSG00000226209	0.25	0.00
ENSG00000226210	167.50	132.25
ENSG00000226211	0.00	0.00
ENSG00000226212	0.00	0.25
ENSG00000226213	0.00	0.00
ENSG00000226215	7.50	6.25
ENSG00000226216	0.00	0.00
ENSG00000226217	0.00	0.00
ENSG00000226220	1.00	0.00
ENSG00000226221	2.50	1.00
ENSG00000226222	0.00	0.00
ENSG00000226223	0.00	0.00
ENSG00000226225	4454.25	3999.00
ENSG00000226226	0.00	0.00
ENSG00000226227	0.00	0.00
ENSG00000226229	0.00	0.25
ENSG00000226230	0.00	0.00
ENSG00000226232	93.25	103.25
ENSG00000226233	0.00	0.00
ENSG00000226234	0.00	0.00
ENSG00000226241	0.25	0.00
ENSG00000226242	0.00	0.00
ENSG00000226243	0.25	0.75
ENSG00000226246	0.50	0.00
ENSG00000226247	0.00	0.00
ENSG00000226248	509.50	513.75
ENSG00000226253	0.00	0.25
ENSG00000226254	0.75	0.00
ENSG00000226255	0.00	0.00
ENSG00000226257	56.50	46.25
ENSG00000226259	137.00	131.25

ENSG00000226260	0.00	0.00
ENSG00000226261	0.00	0.25
ENSG00000226262	0.00	0.00
ENSG00000226264	1.25	0.75
ENSG00000226267	2.25	1.00
ENSG00000226268	7.50	2.75
ENSG00000226270	0.00	0.00
ENSG00000226271	0.00	0.00
ENSG00000226273	0.00	0.00
ENSG00000226275	0.00	0.00
ENSG00000226278	8.25	5.25
ENSG00000226279	1.75	1.25
ENSG00000226280	0.00	0.00
ENSG00000226284	0.75	1.00
ENSG00000226285	0.25	0.00
ENSG00000226288	0.00	0.00
ENSG00000226289	0.00	0.00
ENSG00000226292	0.00	0.00
ENSG00000226297	0.00	0.00
ENSG00000226298	0.25	0.00
ENSG00000226299	0.00	0.00
ENSG00000226301	0.25	0.00
ENSG00000226303	0.00	0.00
ENSG00000226306	0.50	2.00
ENSG00000226307	0.00	0.00
ENSG00000226309	0.25	0.25
ENSG00000226313	0.00	0.00
ENSG00000226314	37.00	21.00
ENSG00000226318	14.00	12.25
ENSG00000226321	8.75	4.50
ENSG00000226324	0.00	0.00
ENSG00000226327	0.25	0.00
ENSG00000226329	19.25	21.00
ENSG00000226331	0.00	0.00
ENSG00000226336	0.00	0.00
ENSG00000226338	0.00	0.00
ENSG00000226339	0.00	0.00
ENSG00000226340	0.25	0.00
ENSG00000226341	0.00	0.00
ENSG00000226342	0.50	0.25
ENSG00000226343	0.00	0.00
ENSG00000226344	0.00	0.00
ENSG00000226345	0.00	0.00

ENSG00000226347	0.00	0.00
ENSG00000226348	0.00	0.00
ENSG00000226353	0.00	0.00
ENSG00000226354	0.25	0.50
ENSG00000226356	2.75	1.75
ENSG00000226358	0.00	0.00
ENSG00000226359	1.00	0.75
ENSG00000226360	1.25	2.75
ENSG00000226361	0.50	0.25
ENSG00000226365	0.00	0.00
ENSG00000226366	0.00	0.00
ENSG00000226369	0.00	0.00
ENSG00000226372	0.00	0.00
ENSG00000226379	0.25	0.25
ENSG00000226384	62.25	64.25
ENSG00000226388	0.00	0.00
ENSG00000226389	0.00	0.00
ENSG00000226392	0.00	0.00
ENSG00000226393	3.00	3.50
ENSG00000226394	0.00	0.00
ENSG00000226395	0.00	0.00
ENSG00000226396	1.25	1.25
ENSG00000226400	0.00	0.00
ENSG00000226401	0.00	0.00
ENSG00000226402	0.00	0.00
ENSG00000226404	4.00	3.50
ENSG00000226405	0.00	0.00
ENSG00000226406	0.75	0.25
ENSG00000226407	0.00	0.00
ENSG00000226410	0.25	0.25
ENSG00000226411	0.00	0.00
ENSG00000226413	1.00	1.75
ENSG00000226414	0.00	0.00
ENSG00000226415	0.75	2.00
ENSG00000226417	509.50	513.75
ENSG00000226420	0.00	0.00
ENSG00000226421	0.00	0.00
ENSG00000226427	0.00	0.00
ENSG00000226428	0.00	0.00
ENSG00000226429	0.00	0.00
ENSG00000226430	3.25	1.25
ENSG00000226432	0.00	0.00
ENSG00000226435	0.00	0.00

ENSG00000226436	0.00	0.00
ENSG00000226437	259.75	181.75
ENSG00000226439	0.00	0.25
ENSG00000226443	0.00	0.50
ENSG00000226444	0.00	0.00
ENSG00000226446	0.00	0.00
ENSG00000226448	0.00	0.00
ENSG00000226449	0.00	0.00
ENSG00000226450	0.00	0.00
ENSG00000226457	0.75	0.75
ENSG00000226461	0.00	0.00
ENSG00000226462	0.00	0.00
ENSG00000226463	0.00	0.00
ENSG00000226466	0.00	0.00
ENSG00000226467	78.75	105.75
ENSG00000226468	0.00	0.00
ENSG00000226469	5.75	5.50
ENSG00000226470	0.00	0.00
ENSG00000226473	0.00	0.00
ENSG00000226474	0.00	0.00
ENSG00000226477	0.00	0.00
ENSG00000226478	0.50	0.00
ENSG00000226479	501.00	496.25
ENSG00000226480	0.00	0.00
ENSG00000226481	0.00	0.00
ENSG00000226483	0.00	0.00
ENSG00000226485	0.00	0.00
ENSG00000226489	0.00	0.00
ENSG00000226491	2.00	1.25
ENSG00000226492	76.75	70.25
ENSG00000226493	0.50	0.50
ENSG00000226494	0.00	0.00
ENSG00000226498	3.00	0.50
ENSG00000226499	0.50	0.50
ENSG00000226500	0.00	0.00
ENSG00000226501	0.00	0.00
ENSG00000226502	0.00	0.00
ENSG00000226504	0.00	0.00
ENSG00000226507	0.00	0.00
ENSG00000226509	0.00	0.00
ENSG00000226513	0.00	0.00
ENSG00000226515	0.00	0.00
ENSG00000226517	1.75	1.75

ENSG00000226521	0.00	0.00
ENSG00000226523	0.00	0.00
ENSG00000226525	1.00	1.50
ENSG00000226529	0.00	0.00
ENSG00000226531	16.75	31.75
ENSG00000226532	0.00	0.25
ENSG00000226534	0.00	0.00
ENSG00000226535	0.25	0.75
ENSG00000226536	0.00	0.00
ENSG00000226537	0.00	0.00
ENSG00000226538	0.00	0.00
ENSG00000226539	0.50	0.00
ENSG00000226540	0.25	0.25
ENSG00000226541	0.00	0.00
ENSG00000226543	0.25	0.00
ENSG00000226544	0.00	0.25
ENSG00000226545	0.00	0.00
ENSG00000226547	0.00	0.00
ENSG00000226549	0.00	0.00
ENSG00000226552	0.00	0.00
ENSG00000226553	0.75	0.50
ENSG00000226554	0.00	0.00
ENSG00000226555	0.25	0.00
ENSG00000226556	0.00	0.00
ENSG00000226557	0.00	0.00
ENSG00000226558	0.00	0.00
ENSG00000226560	63.50	49.50
ENSG00000226563	0.50	0.00
ENSG00000226564	14.00	14.75
ENSG00000226565	0.00	0.00
ENSG00000226570	0.25	0.00
ENSG00000226573	0.00	0.00
ENSG00000226575	0.00	0.00
ENSG00000226577	0.00	0.00
ENSG00000226579	0.00	0.00
ENSG00000226580	0.00	0.00
ENSG00000226582	0.00	0.00
ENSG00000226586	1.50	0.50
ENSG00000226589	94.50	104.50
ENSG00000226590	0.00	0.00
ENSG00000226591	0.00	0.00
ENSG00000226592	0.00	0.00
ENSG00000226595	0.00	0.00

ENSG00000226597	0.00	0.00
ENSG00000226600	0.00	0.00
ENSG00000226603	0.25	0.25
ENSG00000226608	19.00	10.25
ENSG00000226610	0.00	0.00
ENSG00000226611	0.25	0.00
ENSG00000226614	606.25	476.25
ENSG00000226616	0.00	0.00
ENSG00000226617	0.25	0.00
ENSG00000226618	1344.00	1208.75
ENSG00000226621	0.25	0.00
ENSG00000226624	1.75	0.25
ENSG00000226625	0.00	0.00
ENSG00000226626	0.00	0.00
ENSG00000226631	1.25	1.25
ENSG00000226632	0.75	0.25
ENSG00000226633	0.00	0.00
ENSG00000226634	224.25	174.00
ENSG00000226636	0.00	0.50
ENSG00000226641	0.25	0.00
ENSG00000226642	0.00	0.25
ENSG00000226646	0.00	0.00
ENSG00000226650	0.25	0.00
ENSG00000226651	509.50	513.75
ENSG00000226652	4.25	2.50
ENSG00000226653	0.00	0.00
ENSG00000226657	0.00	0.00
ENSG00000226658	0.00	0.25
ENSG00000226660	0.00	0.00
ENSG00000226662	0.00	0.00
ENSG00000226663	0.25	0.00
ENSG00000226665	0.00	0.00
ENSG00000226666	0.00	0.25
ENSG00000226668	0.00	0.00
ENSG00000226670	0.00	0.00
ENSG00000226671	0.25	0.00
ENSG00000226677	0.75	1.00
ENSG00000226683	0.00	0.00
ENSG00000226685	0.00	0.00
ENSG00000226691	0.00	0.00
ENSG00000226693	0.00	0.00
ENSG00000226695	0.50	0.00
ENSG00000226700	0.00	0.00

ENSG00000226701	0.50	0.00
ENSG00000226703	0.25	0.00
ENSG00000226704	6.00	7.00
ENSG00000226705	0.00	0.00
ENSG00000226710	846.75	745.00
ENSG00000226713	0.00	0.00
ENSG00000226714	0.00	0.00
ENSG00000226718	0.00	0.00
ENSG00000226721	0.75	1.00
ENSG00000226723	0.00	0.00
ENSG00000226724	0.00	0.00
ENSG00000226726	0.00	0.00
ENSG00000226727	0.00	0.00
ENSG00000226729	0.00	0.00
ENSG00000226732	0.00	0.00
ENSG00000226734	0.00	0.00
ENSG00000226736	0.00	0.00
ENSG00000226742	109.00	136.00
ENSG00000226744	0.00	0.25
ENSG00000226745	0.00	0.00
ENSG00000226750	0.00	0.00
ENSG00000226753	0.00	0.00
ENSG00000226755	0.00	0.00
ENSG00000226761	0.00	0.00
ENSG00000226763	13.75	12.25
ENSG00000226765	0.00	0.00
ENSG00000226766	0.00	0.00
ENSG00000226767	0.00	0.00
ENSG00000226769	0.00	0.00
ENSG00000226773	0.00	0.00
ENSG00000226774	0.00	0.00
ENSG00000226776	0.00	0.00
ENSG00000226781	0.00	0.00
ENSG00000226783	0.00	0.25
ENSG00000226784	1.75	1.00
ENSG00000226788	312.25	289.75
ENSG00000226789	8.00	5.50
ENSG00000226790	1.00	0.75
ENSG00000226794	0.00	0.00
ENSG00000226795	0.00	0.00
ENSG00000226796	0.00	0.00
ENSG00000226801	0.00	0.25
ENSG00000226802	0.00	0.00

ENSG00000226804	0.00	0.50
ENSG00000226807	0.00	0.00
ENSG00000226810	0.00	0.00
ENSG00000226814	0.00	0.00
ENSG00000226818	0.00	0.00
ENSG00000226820	0.00	0.00
ENSG00000226823	7.75	7.50
ENSG00000226826	18.00	9.75
ENSG00000226827	0.00	0.00
ENSG00000226831	0.00	0.00
ENSG00000226832	0.00	0.00
ENSG00000226834	0.00	0.00
ENSG00000226836	0.00	0.00
ENSG00000226837	0.00	0.00
ENSG00000226838	0.00	0.00
ENSG00000226839	0.00	0.00
ENSG00000226840	0.00	0.00
ENSG00000226841	0.00	0.00
ENSG00000226843	0.00	0.00
ENSG00000226844	0.00	0.00
ENSG00000226845	0.25	0.75
ENSG00000226847	0.00	0.00
ENSG00000226850	12.50	9.75
ENSG00000226855	0.00	0.50
ENSG00000226857	0.00	0.00
ENSG00000226858	0.00	0.00
ENSG00000226860	0.00	0.00
ENSG00000226863	0.75	0.75
ENSG00000226867	0.00	0.00
ENSG00000226870	0.00	0.00
ENSG00000226873	0.00	0.00
ENSG00000226874	2.50	1.25
ENSG00000226875	0.00	0.00
ENSG00000226878	0.00	0.00
ENSG00000226879	0.00	0.00
ENSG00000226881	0.00	0.00
ENSG00000226882	960.25	754.00
ENSG00000226884	0.00	0.00
ENSG00000226885	0.00	0.00
ENSG00000226886	0.00	0.00
ENSG00000226887	11.50	29.50
ENSG00000226888	0.00	0.00
ENSG00000226892	0.25	0.00

ENSG00000226893	0.00	0.00
ENSG00000226896	0.00	0.00
ENSG00000226898	0.00	0.00
ENSG00000226902	0.00	0.00
ENSG00000226905	0.00	0.00
ENSG00000226908	0.00	0.00
ENSG00000226912	0.00	0.00
ENSG00000226914	0.00	0.00
ENSG00000226915	0.25	0.00
ENSG00000226916	166.25	165.00
ENSG00000226918	0.00	0.00
ENSG00000226923	0.00	0.00
ENSG00000226926	0.00	0.25
ENSG00000226928	0.00	0.00
ENSG00000226929	0.00	0.00
ENSG00000226930	0.00	0.00
ENSG00000226931	0.00	0.00
ENSG00000226932	0.00	0.00
ENSG00000226933	0.75	0.50
ENSG00000226936	33.75	39.75
ENSG00000226937	9.25	9.50
ENSG00000226940	0.00	0.00
ENSG00000226941	0.00	0.00
ENSG00000226942	0.50	1.00
ENSG00000226943	0.00	0.00
ENSG00000226945	0.75	0.50
ENSG00000226946	0.00	0.00
ENSG00000226947	0.00	0.00
ENSG00000226948	0.00	0.25
ENSG00000226949	0.00	0.00
ENSG00000226952	0.00	0.00
ENSG00000226955	0.00	0.00
ENSG00000226960	0.00	0.00
ENSG00000226961	0.00	0.00
ENSG00000226962	0.00	0.00
ENSG00000226964	14.00	21.75
ENSG00000226967	0.00	0.25
ENSG00000226970	0.00	0.00
ENSG00000226971	0.75	0.50
ENSG00000226972	0.00	0.50
ENSG00000226973	0.00	0.00
ENSG00000226975	1.50	0.50
ENSG00000226976	0.50	0.50

ENSG00000226977	0.50	0.50
ENSG00000226979	0.00	0.00
ENSG00000226981	0.00	0.00
ENSG00000226982	0.75	0.00
ENSG00000226984	0.00	0.25
ENSG00000226986	0.00	0.25
ENSG00000226987	0.50	0.00
ENSG00000226989	0.00	0.00
ENSG00000226991	0.00	0.00
ENSG00000226993	0.00	0.00
ENSG00000226998	0.00	0.00
ENSG00000226999	0.00	0.00
ENSG00000227000	0.00	0.25
ENSG00000227001	18.50	29.75
ENSG00000227002	0.00	0.00
ENSG00000227004	0.00	0.00
ENSG00000227008	0.50	1.25
ENSG00000227009	0.00	0.00
ENSG00000227013	0.00	0.00
ENSG00000227015	0.50	0.00
ENSG00000227018	0.00	0.25
ENSG00000227019	1.25	0.50
ENSG00000227023	0.00	0.00
ENSG00000227025	2.75	1.50
ENSG00000227027	0.00	0.00
ENSG00000227030	0.25	0.00
ENSG00000227032	0.00	0.00
ENSG00000227034	0.00	0.00
ENSG00000227035	0.00	0.00
ENSG00000227038	16.75	14.25
ENSG00000227040	0.00	0.00
ENSG00000227044	0.00	0.00
ENSG00000227046	170.00	120.75
ENSG00000227048	0.00	0.00
ENSG00000227054	0.00	0.00
ENSG00000227055	0.00	0.00
ENSG00000227056	0.75	0.50
ENSG00000227057	12.25	21.00
ENSG00000227058	0.00	0.00
ENSG00000227059	0.00	0.00
ENSG00000227062	0.00	0.00
ENSG00000227063	0.00	0.00
ENSG00000227064	0.00	0.00

ENSG00000227067	0.00	1.50
ENSG00000227069	0.00	0.00
ENSG00000227072	0.00	0.00
ENSG00000227073	0.00	0.00
ENSG00000227074	1.50	1.25
ENSG00000227077	0.00	0.00
ENSG00000227080	14.50	10.50
ENSG00000227081	1.75	3.75
ENSG00000227087	0.00	0.00
ENSG00000227096	0.00	0.00
ENSG00000227097	1206.00	1091.75
ENSG00000227099	0.00	0.00
ENSG00000227100	0.00	0.00
ENSG00000227102	0.00	0.00
ENSG00000227104	0.00	0.00
ENSG00000227105	0.00	0.00
ENSG00000227108	0.00	0.00
ENSG00000227109	0.00	0.00
ENSG00000227113	0.50	0.50
ENSG00000227118	0.25	0.00
ENSG00000227120	3.50	1.00
ENSG00000227122	18.25	12.25
ENSG00000227123	0.25	0.50
ENSG00000227124	122.25	125.75
ENSG00000227129	185.25	129.00
ENSG00000227133	0.00	0.00
ENSG00000227134	0.00	0.00
ENSG00000227137	0.00	0.00
ENSG00000227138	0.00	0.00
ENSG00000227140	0.00	0.00
ENSG00000227141	0.50	5.00
ENSG00000227144	1.50	1.25
ENSG00000227147	0.00	0.00
ENSG00000227149	0.00	0.00
ENSG00000227151	0.00	0.00
ENSG00000227152	0.00	0.00
ENSG00000227154	0.00	0.00
ENSG00000227158	0.00	0.50
ENSG00000227159	0.00	0.00
ENSG00000227160	0.00	0.00
ENSG00000227163	6.50	5.00
ENSG00000227166	0.00	0.25
ENSG00000227168	0.00	0.00

ENSG00000227171	0.50	0.00
ENSG00000227173	0.25	0.00
ENSG00000227176	1.25	0.25
ENSG00000227177	0.00	0.00
ENSG00000227178	0.00	0.00
ENSG00000227179	0.00	0.50
ENSG00000227180	0.00	0.00
ENSG00000227182	0.00	0.00
ENSG00000227183	1.75	2.50
ENSG00000227187	0.00	0.00
ENSG00000227191	0.25	0.00
ENSG00000227196	0.00	0.00
ENSG00000227201	0.25	0.25
ENSG00000227203	0.75	0.00
ENSG00000227204	0.00	0.00
ENSG00000227205	0.00	0.00
ENSG00000227207	0.00	0.00
ENSG00000227209	0.00	0.00
ENSG00000227211	0.00	0.00
ENSG00000227212	23.75	16.75
ENSG00000227222	4.50	5.00
ENSG00000227224	0.00	0.00
ENSG00000227225	0.00	0.00
ENSG00000227228	0.00	0.00
ENSG00000227231	63.50	28.25
ENSG00000227232	119.50	77.25
ENSG00000227233	0.00	0.50
ENSG00000227234	0.00	0.25
ENSG00000227236	0.00	0.00
ENSG00000227238	0.50	0.00
ENSG00000227241	0.00	0.00
ENSG00000227242	10.25	13.50
ENSG00000227243	0.00	0.00
ENSG00000227246	0.75	0.50
ENSG00000227247	0.00	0.00
ENSG00000227249	0.00	0.00
ENSG00000227251	0.00	0.00
ENSG00000227254	0.00	0.00
ENSG00000227255	0.00	0.00
ENSG00000227257	0.00	0.00
ENSG00000227259	0.00	0.00
ENSG00000227261	0.00	0.00
ENSG00000227262	0.50	0.00

ENSG00000227264	0.00	0.00
ENSG00000227265	0.00	0.00
ENSG00000227267	0.00	0.00
ENSG00000227268	17.00	12.00
ENSG00000227270	0.00	0.00
ENSG00000227271	0.00	0.00
ENSG00000227275	0.00	0.00
ENSG00000227277	61.75	49.50
ENSG00000227283	0.00	0.00
ENSG00000227284	0.00	0.00
ENSG00000227286	0.00	0.00
ENSG00000227288	0.00	0.00
ENSG00000227289	1.00	0.75
ENSG00000227291	0.00	0.00
ENSG00000227295	1.25	1.00
ENSG00000227296	3.50	5.00
ENSG00000227298	0.00	0.00
ENSG00000227300	0.00	0.00
ENSG00000227302	0.00	0.00
ENSG00000227304	1.25	1.50
ENSG00000227309	0.00	0.00
ENSG00000227311	0.50	0.25
ENSG00000227312	0.00	0.00
ENSG00000227314	10.50	8.50
ENSG00000227315	21.00	2.25
ENSG00000227317	214.25	171.00
ENSG00000227321	0.00	0.25
ENSG00000227322	414.50	302.25
ENSG00000227326	0.00	0.00
ENSG00000227329	5.50	3.75
ENSG00000227331	0.50	0.00
ENSG00000227333	69.00	32.50
ENSG00000227334	0.00	0.00
ENSG00000227335	0.00	0.00
ENSG00000227337	0.50	0.00
ENSG00000227339	0.00	0.25
ENSG00000227343	0.00	0.00
ENSG00000227344	0.00	0.00
ENSG00000227345	536.00	493.75
ENSG00000227347	0.25	0.00
ENSG00000227348	0.00	0.00
ENSG00000227349	0.00	0.00
ENSG00000227350	0.00	0.00

ENSG00000227351	0.00	0.00
ENSG00000227353	0.00	0.00
ENSG00000227357	0.00	0.00
ENSG00000227358	0.00	0.25
ENSG00000227361	0.00	0.25
ENSG00000227366	0.25	0.50
ENSG00000227367	0.00	0.00
ENSG00000227368	0.00	0.00
ENSG00000227370	0.00	2.50
ENSG00000227371	0.00	0.00
ENSG00000227376	12.00	12.50
ENSG00000227379	0.00	0.25
ENSG00000227382	0.75	0.50
ENSG00000227383	0.00	0.00
ENSG00000227384	0.00	0.00
ENSG00000227389	0.50	0.00
ENSG00000227391	0.00	0.00
ENSG00000227393	0.00	0.00
ENSG00000227394	0.25	0.00
ENSG00000227395	0.00	0.25
ENSG00000227397	0.00	0.00
ENSG00000227399	0.00	0.00
ENSG00000227401	1.00	0.25
ENSG00000227402	606.25	476.25
ENSG00000227404	0.00	0.00
ENSG00000227405	0.00	0.00
ENSG00000227406	0.00	0.00
ENSG00000227408	0.00	0.00
ENSG00000227411	0.00	0.00
ENSG00000227412	0.00	0.00
ENSG00000227413	0.50	2.00
ENSG00000227416	0.00	0.00
ENSG00000227417	0.00	0.00
ENSG00000227420	92.00	79.00
ENSG00000227423	0.00	0.00
ENSG00000227425	0.00	0.00
ENSG00000227426	0.00	0.00
ENSG00000227427	0.00	0.00
ENSG00000227430	0.00	0.00
ENSG00000227433	0.25	0.00
ENSG00000227434	0.00	0.00
ENSG00000227435	0.00	0.00
ENSG00000227436	0.75	0.00

ENSG00000227437	0.25	0.00
ENSG00000227440	1.25	0.50
ENSG00000227442	0.00	0.00
ENSG00000227443	0.00	0.00
ENSG00000227444	0.00	0.00
ENSG00000227445	0.00	0.00
ENSG00000227446	0.00	0.00
ENSG00000227447	0.00	0.25
ENSG00000227449	72.50	61.00
ENSG00000227453	0.00	0.00
ENSG00000227454	1.50	1.50
ENSG00000227458	0.00	0.00
ENSG00000227460	205.25	164.75
ENSG00000227462	0.50	0.00
ENSG00000227465	0.00	0.00
ENSG00000227470	0.00	0.50
ENSG00000227471	69.75	47.50
ENSG00000227472	0.00	0.00
ENSG00000227473	24.25	29.00
ENSG00000227474	0.00	0.50
ENSG00000227488	0.00	0.00
ENSG00000227491	0.00	0.00
ENSG00000227493	0.00	0.00
ENSG00000227494	1.50	1.00
ENSG00000227497	0.00	0.00
ENSG00000227499	0.00	0.00
ENSG00000227500	1366.50	1265.50
ENSG00000227505	0.00	0.00
ENSG00000227506	0.25	0.50
ENSG00000227507	1.50	0.00
ENSG00000227511	0.00	0.00
ENSG00000227513	0.00	0.00
ENSG00000227514	0.00	0.00
ENSG00000227515	0.00	0.00
ENSG00000227521	0.00	0.00
ENSG00000227523	0.00	0.00
ENSG00000227525	0.50	0.75
ENSG00000227526	0.00	0.00
ENSG00000227529	0.00	0.00
ENSG00000227532	0.00	0.00
ENSG00000227534	0.00	0.00
ENSG00000227536	2.00	1.75
ENSG00000227537	0.00	0.00

ENSG00000227538	0.00	0.00
ENSG00000227541	0.25	0.00
ENSG00000227545	0.00	0.00
ENSG00000227547	0.00	0.00
ENSG00000227550	0.00	0.00
ENSG00000227551	0.00	0.00
ENSG00000227556	0.00	0.00
ENSG00000227557	0.00	0.00
ENSG00000227560	0.25	0.00
ENSG00000227563	0.00	0.00
ENSG00000227565	58.75	46.50
ENSG00000227567	7.50	6.25
ENSG00000227568	0.25	0.25
ENSG00000227573	0.00	0.25
ENSG00000227576	0.00	0.00
ENSG00000227577	0.00	0.00
ENSG00000227578	0.25	0.00
ENSG00000227581	0.00	0.00
ENSG00000227582	3.25	0.50
ENSG00000227583	0.00	0.75
ENSG00000227584	0.00	0.00
ENSG00000227585	0.00	0.00
ENSG00000227586	0.50	0.25
ENSG00000227587	9.25	8.25
ENSG00000227590	0.00	0.00
ENSG00000227592	0.00	0.00
ENSG00000227593	0.00	0.00
ENSG00000227597	0.00	0.00
ENSG00000227600	52.25	60.50
ENSG00000227604	0.00	0.00
ENSG00000227607	0.00	0.00
ENSG00000227609	0.00	0.00
ENSG00000227613	0.00	0.00
ENSG00000227615	2.00	0.00
ENSG00000227616	0.00	0.00
ENSG00000227620	0.25	0.00
ENSG00000227621	0.00	0.00
ENSG00000227623	0.00	0.00
ENSG00000227624	0.00	0.00
ENSG00000227625	0.50	0.00
ENSG00000227626	0.00	0.00
ENSG00000227629	2.25	3.00
ENSG00000227632	4.50	6.00

ENSG00000227633	0.00	0.00
ENSG00000227635	0.25	0.25
ENSG00000227638	1.75	2.00
ENSG00000227639	0.00	0.00
ENSG00000227642	364.75	309.25
ENSG00000227644	1.25	1.00
ENSG00000227645	0.00	0.00
ENSG00000227649	0.00	0.50
ENSG00000227650	0.00	0.00
ENSG00000227652	0.00	0.00
ENSG00000227653	0.00	0.00
ENSG00000227655	0.00	0.00
ENSG00000227656	18.50	15.75
ENSG00000227657	0.00	0.00
ENSG00000227661	0.00	0.00
ENSG00000227663	0.00	0.00
ENSG00000227666	1.50	2.25
ENSG00000227667	0.00	0.00
ENSG00000227668	0.00	0.00
ENSG00000227669	9.75	15.25
ENSG00000227671	320.50	285.75
ENSG00000227672	0.50	0.25
ENSG00000227679	0.00	0.00
ENSG00000227682	0.00	0.00
ENSG00000227684	3.00	1.75
ENSG00000227686	27.00	11.00
ENSG00000227688	0.00	0.00
ENSG00000227689	0.25	0.75
ENSG00000227692	1.25	0.50
ENSG00000227693	1.00	0.25
ENSG00000227694	0.50	2.75
ENSG00000227700	12.25	10.75
ENSG00000227703	0.00	0.00
ENSG00000227707	0.00	0.00
ENSG00000227709	0.00	0.00
ENSG00000227710	0.00	0.00
ENSG00000227711	0.00	0.00
ENSG00000227714	0.00	0.00
ENSG00000227715	6148.75	4803.00
ENSG00000227717	0.00	0.00
ENSG00000227720	129.50	126.50
ENSG00000227721	0.00	0.00
ENSG00000227722	0.00	0.00

ENSG00000227725	0.50	0.00
ENSG00000227728	0.00	0.00
ENSG00000227729	0.00	0.00
ENSG00000227730	0.00	0.00
ENSG00000227735	0.25	0.00
ENSG00000227736	0.00	0.00
ENSG00000227737	0.00	0.00
ENSG00000227738	0.00	0.00
ENSG00000227739	1431.75	644.50
ENSG00000227742	0.50	0.00
ENSG00000227745	0.00	0.00
ENSG00000227746	361.50	197.75
ENSG00000227747	0.00	0.00
ENSG00000227750	0.00	0.50
ENSG00000227753	0.00	0.00
ENSG00000227754	0.00	0.00
ENSG00000227755	0.00	0.00
ENSG00000227758	2.25	1.50
ENSG00000227759	0.00	0.00
ENSG00000227760	0.00	0.00
ENSG00000227761	280.75	286.25
ENSG00000227762	0.25	0.25
ENSG00000227765	0.25	0.50
ENSG00000227766	0.50	0.25
ENSG00000227770	0.25	0.25
ENSG00000227772	38.00	21.75
ENSG00000227775	237.75	173.50
ENSG00000227776	0.00	0.00
ENSG00000227777	0.00	0.00
ENSG00000227779	0.00	0.00
ENSG00000227780	144.25	67.00
ENSG00000227784	0.00	0.00
ENSG00000227785	0.00	0.00
ENSG00000227788	0.75	0.50
ENSG00000227789	0.25	0.25
ENSG00000227790	0.00	0.00
ENSG00000227791	0.50	0.50
ENSG00000227794	10.50	7.75
ENSG00000227795	0.25	0.00
ENSG00000227799	8.00	6.75
ENSG00000227800	0.00	0.00
ENSG00000227801	0.50	0.25
ENSG00000227802	0.00	0.00

ENSG00000227804	161.50	130.75
ENSG00000227805	0.25	0.00
ENSG00000227806	0.00	0.00
ENSG00000227813	0.25	0.00
ENSG00000227814	0.00	0.25
ENSG00000227815	0.00	1.00
ENSG00000227816	121.00	91.00
ENSG00000227817	0.00	0.00
ENSG00000227825	8.75	3.00
ENSG00000227826	0.00	0.00
ENSG00000227827	61.50	58.50
ENSG00000227830	0.00	0.00
ENSG00000227832	0.00	0.00
ENSG00000227834	0.25	0.00
ENSG00000227835	2.50	1.50
ENSG00000227836	0.00	0.00
ENSG00000227837	0.00	0.00
ENSG00000227840	0.00	0.00
ENSG00000227841	0.00	0.00
ENSG00000227842	0.25	0.00
ENSG00000227843	0.00	0.00
ENSG00000227845	0.25	0.00
ENSG00000227846	0.00	0.00
ENSG00000227847	0.00	0.00
ENSG00000227850	0.00	0.00
ENSG00000227852	0.00	0.25
ENSG00000227854	0.25	0.00
ENSG00000227855	31.00	29.00
ENSG00000227858	0.00	0.00
ENSG00000227859	0.00	0.00
ENSG00000227860	0.00	0.00
ENSG00000227861	1.50	1.25
ENSG00000227862	0.00	0.00
ENSG00000227864	0.00	0.00
ENSG00000227867	0.00	0.00
ENSG00000227868	1.25	0.25
ENSG00000227871	0.00	0.00
ENSG00000227873	0.00	0.00
ENSG00000227874	0.00	0.00
ENSG00000227875	0.00	0.00
ENSG00000227877	3.50	1.00
ENSG00000227878	0.00	0.00
ENSG00000227879	0.00	0.00

ENSG00000227881	0.50	0.00
ENSG00000227882	0.00	0.00
ENSG00000227883	0.00	0.00
ENSG00000227887	0.00	0.00
ENSG00000227890	0.25	0.00
ENSG00000227892	0.00	0.00
ENSG00000227905	0.00	0.00
ENSG00000227910	1.00	0.25
ENSG00000227913	0.25	0.00
ENSG00000227915	0.00	0.00
ENSG00000227919	0.00	0.00
ENSG00000227922	0.00	0.00
ENSG00000227923	0.00	0.00
ENSG00000227924	0.25	0.25
ENSG00000227934	0.75	0.75
ENSG00000227936	0.00	0.00
ENSG00000227937	0.00	0.00
ENSG00000227939	0.25	0.00
ENSG00000227941	0.00	0.00
ENSG00000227942	0.00	0.00
ENSG00000227948	0.00	0.25
ENSG00000227949	0.00	0.00
ENSG00000227950	0.25	0.00
ENSG00000227952	0.00	0.00
ENSG00000227956	1.00	0.75
ENSG00000227961	0.00	0.00
ENSG00000227962	0.75	0.25
ENSG00000227965	0.00	0.00
ENSG00000227968	0.00	0.00
ENSG00000227969	0.25	0.00
ENSG00000227970	0.00	0.00
ENSG00000227971	0.00	0.00
ENSG00000227972	0.00	0.00
ENSG00000227973	0.00	0.00
ENSG00000227974	1.25	1.50
ENSG00000227979	0.00	0.00
ENSG00000227982	0.00	0.00
ENSG00000227983	0.00	0.00
ENSG00000227986	3.75	4.25
ENSG00000227988	0.00	0.00
ENSG00000227989	0.00	0.00
ENSG00000227992	32.50	32.50
ENSG00000227993	0.00	0.00

ENSG00000227994	0.00	0.00
ENSG00000227995	0.00	0.00
ENSG00000227999	1.00	1.75
ENSG00000228000	0.25	0.25
ENSG00000228001	0.00	0.00
ENSG00000228002	0.00	0.25
ENSG00000228004	0.00	0.00
ENSG00000228007	0.00	0.00
ENSG00000228014	0.25	0.00
ENSG00000228015	0.00	0.00
ENSG00000228019	1.50	1.00
ENSG00000228020	0.00	0.25
ENSG00000228024	0.25	0.25
ENSG00000228025	0.00	0.00
ENSG00000228029	1.25	0.50
ENSG00000228030	0.00	0.00
ENSG00000228034	0.00	0.00
ENSG00000228036	0.50	0.00
ENSG00000228038	0.25	0.25
ENSG00000228039	0.00	0.00
ENSG00000228040	0.00	0.00
ENSG00000228041	0.00	0.00
ENSG00000228042	0.00	0.00
ENSG00000228045	0.00	0.00
ENSG00000228046	0.00	0.00
ENSG00000228049	24.25	16.00
ENSG00000228050	1.00	1.50
ENSG00000228051	0.00	0.00
ENSG00000228053	0.25	1.00
ENSG00000228054	0.00	0.00
ENSG00000228056	0.00	0.25
ENSG00000228057	1.25	0.25
ENSG00000228069	0.50	0.25
ENSG00000228071	1.00	1.00
ENSG00000228074	0.00	0.00
ENSG00000228075	0.00	0.00
ENSG00000228076	0.00	0.25
ENSG00000228078	0.25	0.00
ENSG00000228080	0.00	0.00
ENSG00000228081	0.00	0.00
ENSG00000228083	0.00	0.00
ENSG00000228085	0.25	0.00
ENSG00000228089	0.00	0.00

ENSG00000228090	0.50	0.25
ENSG00000228092	0.00	0.00
ENSG00000228095	0.00	0.00
ENSG00000228097	0.25	0.00
ENSG00000228098	0.00	0.00
ENSG00000228099	0.00	0.00
ENSG00000228102	0.00	0.50
ENSG00000228110	0.00	0.25
ENSG00000228111	0.00	0.25
ENSG00000228112	0.00	0.00
ENSG00000228116	16.25	6.00
ENSG00000228118	0.00	0.00
ENSG00000228121	0.00	0.00
ENSG00000228122	0.00	0.00
ENSG00000228123	0.00	1.00
ENSG00000228125	0.00	0.00
ENSG00000228128	214.25	171.00
ENSG00000228130	0.00	0.00
ENSG00000228131	0.00	0.00
ENSG00000228132	0.00	0.00
ENSG00000228134	0.00	0.00
ENSG00000228143	0.00	0.00
ENSG00000228144	4.00	5.50
ENSG00000228146	9.75	6.25
ENSG00000228149	0.25	0.00
ENSG00000228154	0.00	0.25
ENSG00000228158	6.75	9.75
ENSG00000228161	0.00	0.00
ENSG00000228163	3.75	3.50
ENSG00000228164	0.00	0.00
ENSG00000228166	0.00	0.50
ENSG00000228167	0.00	0.00
ENSG00000228168	0.00	0.00
ENSG00000228169	1.50	0.00
ENSG00000228171	0.00	0.00
ENSG00000228175	3.75	2.00
ENSG00000228177	75.75	101.50
ENSG00000228179	0.00	0.00
ENSG00000228181	0.25	0.00
ENSG00000228182	0.00	0.00
ENSG00000228184	0.00	0.00
ENSG00000228186	41.25	30.75
ENSG00000228187	0.00	0.00

ENSG00000228190	0.00	0.00
ENSG00000228191	0.00	0.00
ENSG00000228193	0.00	0.00
ENSG00000228194	0.00	0.00
ENSG00000228195	0.00	0.00
ENSG00000228196	0.00	0.00
ENSG00000228197	0.00	0.00
ENSG00000228198	0.00	0.00
ENSG00000228199	0.50	0.00
ENSG00000228202	2.25	1.50
ENSG00000228205	2.00	2.25
ENSG00000228206	0.00	0.25
ENSG00000228207	0.00	0.00
ENSG00000228209	0.00	0.00
ENSG00000228210	0.00	0.00
ENSG00000228211	0.00	0.00
ENSG00000228212	0.50	1.00
ENSG00000228217	0.00	0.00
ENSG00000228218	1.00	0.25
ENSG00000228219	0.00	0.00
ENSG00000228220	1.50	0.50
ENSG00000228224	4.00	2.00
ENSG00000228225	0.00	0.00
ENSG00000228227	0.25	0.75
ENSG00000228232	2.00	1.00
ENSG00000228234	0.00	0.25
ENSG00000228236	0.00	0.00
ENSG00000228238	1.00	1.75
ENSG00000228241	0.00	0.00
ENSG00000228247	0.00	0.00
ENSG00000228248	0.00	0.00
ENSG00000228250	0.00	0.00
ENSG00000228252	1.50	0.75
ENSG00000228253	7510.00	6977.25
ENSG00000228254	0.00	0.00
ENSG00000228257	0.00	0.00
ENSG00000228259	0.00	0.25
ENSG00000228260	0.00	0.00
ENSG00000228263	0.00	0.25
ENSG00000228264	0.00	0.25
ENSG00000228267	64.00	16.25
ENSG00000228278	1.00	0.00
ENSG00000228283	0.00	0.00

ENSG00000228284	130.25	121.75
ENSG00000228285	0.00	0.00
ENSG00000228286	0.00	0.00
ENSG00000228289	1.75	0.25
ENSG00000228291	0.00	0.00
ENSG00000228292	0.75	0.25
ENSG00000228294	0.00	0.25
ENSG00000228299	1172.75	1101.00
ENSG00000228300	306.25	278.00
ENSG00000228301	0.00	0.00
ENSG00000228303	0.00	0.00
ENSG00000228304	0.00	0.00
ENSG00000228305	0.00	0.25
ENSG00000228307	1.25	1.75
ENSG00000228312	0.25	0.00
ENSG00000228314	0.50	0.00
ENSG00000228316	0.25	0.00
ENSG00000228319	2.50	1.00
ENSG00000228321	0.00	0.00
ENSG00000228325	0.00	0.00
ENSG00000228327	591.50	424.75
ENSG00000228328	0.00	0.50
ENSG00000228330	12.00	12.50
ENSG00000228331	1.00	0.00
ENSG00000228333	238.75	227.75
ENSG00000228335	3.25	1.25
ENSG00000228336	0.00	0.00
ENSG00000228337	0.00	0.00
ENSG00000228339	0.00	0.25
ENSG00000228341	0.00	0.00
ENSG00000228345	0.00	0.00
ENSG00000228347	0.00	0.00
ENSG00000228348	0.00	0.00
ENSG00000228349	0.00	0.00
ENSG00000228354	0.00	0.00
ENSG00000228357	12.75	9.75
ENSG00000228360	1.00	1.25
ENSG00000228364	0.00	0.00
ENSG00000228366	0.50	0.00
ENSG00000228367	0.00	0.00
ENSG00000228371	0.00	0.00
ENSG00000228373	0.00	0.00
ENSG00000228374	0.00	0.00

ENSG00000228375	0.00	0.00
ENSG00000228376	0.50	0.25
ENSG00000228377	0.00	0.00
ENSG00000228380	0.25	0.25
ENSG00000228383	0.25	0.75
ENSG00000228398	0.00	0.00
ENSG00000228399	0.00	0.00
ENSG00000228405	64.75	52.75
ENSG00000228407	0.75	1.25
ENSG00000228409	34.25	39.00
ENSG00000228410	0.00	0.00
ENSG00000228411	0.25	0.00
ENSG00000228413	0.00	0.50
ENSG00000228415	0.50	0.00
ENSG00000228425	133.00	103.75
ENSG00000228429	1.50	0.50
ENSG00000228431	0.50	0.25
ENSG00000228432	0.00	0.00
ENSG00000228433	0.00	0.00
ENSG00000228435	67.00	96.00
ENSG00000228438	0.00	0.00
ENSG00000228440	0.00	0.00
ENSG00000228445	0.00	0.00
ENSG00000228446	2.25	3.75
ENSG00000228450	0.00	0.00
ENSG00000228451	104.75	78.75
ENSG00000228453	0.00	0.00
ENSG00000228454	5.75	1.50
ENSG00000228458	0.00	0.00
ENSG00000228460	0.00	0.00
ENSG00000228461	0.00	0.00
ENSG00000228462	0.00	0.00
ENSG00000228464	0.00	0.00
ENSG00000228465	0.00	0.00
ENSG00000228466	0.00	0.00
ENSG00000228471	0.00	0.00
ENSG00000228473	0.00	0.00
ENSG00000228474	2767.75	2454.00
ENSG00000228476	0.00	0.00
ENSG00000228477	0.00	0.50
ENSG00000228480	0.00	0.00
ENSG00000228483	0.00	0.00
ENSG00000228489	0.00	0.00

ENSG00000228490	0.00	0.00
ENSG00000228491	11.50	4.75
ENSG00000228492	118.00	115.50
ENSG00000228498	0.00	0.00
ENSG00000228499	0.75	0.00
ENSG00000228501	0.50	0.50
ENSG00000228502	13.00	9.00
ENSG00000228507	1.25	0.50
ENSG00000228510	4.00	3.50
ENSG00000228513	0.25	0.25
ENSG00000228515	0.00	0.00
ENSG00000228517	0.00	0.00
ENSG00000228518	0.00	0.00
ENSG00000228519	0.00	0.25
ENSG00000228520	183.50	167.75
ENSG00000228522	0.00	0.00
ENSG00000228523	0.00	0.00
ENSG00000228524	1.50	0.50
ENSG00000228525	0.00	0.00
ENSG00000228530	0.00	0.00
ENSG00000228532	0.50	0.00
ENSG00000228546	2.00	1.50
ENSG00000228547	0.50	0.25
ENSG00000228550	0.00	0.00
ENSG00000228551	0.00	0.00
ENSG00000228557	0.00	0.00
ENSG00000228567	0.00	0.00
ENSG00000228568	0.00	0.00
ENSG00000228570	5.00	2.75
ENSG00000228571	0.00	0.00
ENSG00000228572	0.00	0.00
ENSG00000228575	173.75	145.25
ENSG00000228578	0.00	0.00
ENSG00000228579	0.00	0.00
ENSG00000228581	285.00	267.25
ENSG00000228582	44.75	49.75
ENSG00000228585	0.00	0.00
ENSG00000228589	19.25	23.25
ENSG00000228593	0.00	0.00
ENSG00000228594	105.25	127.00
ENSG00000228595	0.00	0.00
ENSG00000228597	0.00	0.00
ENSG00000228599	0.25	0.25

ENSG00000228600	0.00	0.50
ENSG00000228601	1.00	2.50
ENSG00000228605	56.00	33.25
ENSG00000228607	0.00	0.00
ENSG00000228610	0.00	0.00
ENSG00000228611	0.00	0.00
ENSG00000228612	0.25	1.50
ENSG00000228615	0.00	0.25
ENSG00000228626	2.25	0.75
ENSG00000228628	376.50	283.75
ENSG00000228635	0.00	0.00
ENSG00000228638	58.75	51.50
ENSG00000228645	0.00	0.00
ENSG00000228646	0.00	0.00
ENSG00000228652	0.00	0.00
ENSG00000228653	3.75	2.00
ENSG00000228656	0.00	0.00
ENSG00000228657	0.00	0.25
ENSG00000228660	0.00	0.00
ENSG00000228662	0.00	0.00
ENSG00000228663	2.50	2.50
ENSG00000228664	0.00	0.00
ENSG00000228665	1.25	0.25
ENSG00000228666	0.00	0.00
ENSG00000228667	0.00	0.25
ENSG00000228668	0.00	0.00
ENSG00000228670	0.00	0.00
ENSG00000228672	50.75	58.00
ENSG00000228674	1.25	0.75
ENSG00000228681	9.25	4.25
ENSG00000228684	0.00	0.00
ENSG00000228685	0.00	0.00
ENSG00000228687	0.00	0.00
ENSG00000228688	0.00	0.00
ENSG00000228691	185.25	129.00
ENSG00000228694	0.00	0.00
ENSG00000228695	15.00	6.00
ENSG00000228696	10.00	6.00
ENSG00000228698	0.00	0.00
ENSG00000228700	0.25	0.00
ENSG00000228702	1.25	1.00
ENSG00000228706	0.25	0.25
ENSG00000228711	0.00	0.00

ENSG00000228712	12.75	9.75
ENSG00000228713	0.00	0.00
ENSG00000228716	292.00	251.50
ENSG00000228717	0.00	0.00
ENSG00000228721	0.00	0.00
ENSG00000228725	0.25	1.25
ENSG00000228727	1.75	3.00
ENSG00000228728	1.75	0.75
ENSG00000228729	0.00	0.00
ENSG00000228736	159.00	153.50
ENSG00000228744	0.00	0.00
ENSG00000228751	0.00	0.00
ENSG00000228753	0.25	0.50
ENSG00000228754	0.00	0.00
ENSG00000228755	0.00	0.00
ENSG00000228757	0.00	0.00
ENSG00000228759	0.00	0.00
ENSG00000228760	324.75	297.00
ENSG00000228764	0.00	0.25
ENSG00000228765	0.00	0.25
ENSG00000228766	0.00	0.00
ENSG00000228767	0.00	0.00
ENSG00000228769	0.00	0.00
ENSG00000228770	0.00	0.00
ENSG00000228771	0.00	0.00
ENSG00000228776	0.00	0.00
ENSG00000228780	0.00	0.00
ENSG00000228781	0.00	0.00
ENSG00000228782	44.00	35.50
ENSG00000228783	0.00	0.00
ENSG00000228785	0.00	0.00
ENSG00000228790	0.00	0.00
ENSG00000228797	0.00	0.00
ENSG00000228803	0.00	0.00
ENSG00000228806	0.00	0.00
ENSG00000228807	0.00	0.25
ENSG00000228808	1.50	1.25
ENSG00000228810	4.25	2.50
ENSG00000228813	0.00	0.00
ENSG00000228814	0.00	0.00
ENSG00000228815	0.00	0.00
ENSG00000228816	2.25	1.50
ENSG00000228818	0.50	1.00

ENSG00000228819	0.00	0.00
ENSG00000228820	0.25	0.25
ENSG00000228823	0.00	0.00
ENSG00000228825	0.00	0.00
ENSG00000228827	0.00	0.00
ENSG00000228828	1.50	0.50
ENSG00000228829	0.00	0.25
ENSG00000228833	0.00	0.00
ENSG00000228834	0.50	0.50
ENSG00000228836	0.00	0.00
ENSG00000228837	0.00	0.00
ENSG00000228840	0.00	0.00
ENSG00000228844	0.00	0.25
ENSG00000228845	0.00	0.00
ENSG00000228846	0.00	0.00
ENSG00000228847	0.00	0.00
ENSG00000228848	0.00	0.00
ENSG00000228849	0.00	0.00
ENSG00000228850	0.00	0.00
ENSG00000228851	0.00	0.00
ENSG00000228854	23.00	14.25
ENSG00000228855	0.00	0.00
ENSG00000228856	0.00	0.00
ENSG00000228859	0.00	0.00
ENSG00000228860	0.00	0.00
ENSG00000228861	0.00	0.00
ENSG00000228867	23.00	14.25
ENSG00000228868	1.25	0.75
ENSG00000228869	4.75	4.75
ENSG00000228872	0.00	0.00
ENSG00000228874	0.00	0.00
ENSG00000228875	219.50	222.25
ENSG00000228879	0.25	0.00
ENSG00000228881	129.50	117.25
ENSG00000228882	0.25	0.00
ENSG00000228883	4.00	3.50
ENSG00000228884	0.00	0.00
ENSG00000228887	0.25	0.50
ENSG00000228891	0.00	0.00
ENSG00000228892	158.75	170.75
ENSG00000228896	296.50	264.75
ENSG00000228897	1.75	3.75
ENSG00000228898	0.00	0.00

ENSG00000228900	2.25	1.50
ENSG00000228901	0.00	0.00
ENSG00000228902	0.00	0.00
ENSG00000228903	18.75	23.75
ENSG00000228904	0.00	0.00
ENSG00000228907	61.75	49.50
ENSG00000228912	0.50	0.00
ENSG00000228913	0.00	0.00
ENSG00000228914	9.50	6.75
ENSG00000228915	1.75	1.75
ENSG00000228921	1.25	0.25
ENSG00000228922	0.00	0.00
ENSG00000228926	0.00	0.00
ENSG00000228927	0.00	0.00
ENSG00000228928	0.00	0.00
ENSG00000228929	0.00	0.00
ENSG00000228930	0.00	0.00
ENSG00000228935	0.00	0.00
ENSG00000228937	0.00	0.00
ENSG00000228938	0.00	0.00
ENSG00000228940	0.00	0.50
ENSG00000228941	0.00	0.00
ENSG00000228943	0.00	0.00
ENSG00000228945	0.00	0.00
ENSG00000228948	0.00	0.00
ENSG00000228949	0.00	0.00
ENSG00000228953	0.00	0.00
ENSG00000228954	0.00	0.00
ENSG00000228955	0.75	0.75
ENSG00000228957	0.00	0.25
ENSG00000228958	0.00	0.00
ENSG00000228960	167.00	140.75
ENSG00000228963	0.00	0.00
ENSG00000228964	1131.50	543.00
ENSG00000228965	0.00	0.00
ENSG00000228966	0.00	0.00
ENSG00000228970	0.00	0.00
ENSG00000228974	0.25	0.00
ENSG00000228976	0.25	0.00
ENSG00000228977	0.00	0.00
ENSG00000228978	0.00	0.00
ENSG00000228979	1.00	0.25
ENSG00000228981	2.25	1.75

ENSG00000228982	0.00	0.00
ENSG00000228983	0.00	0.00
ENSG00000228984	0.00	0.00
ENSG00000228985	0.00	0.00
ENSG00000228986	0.00	0.75
ENSG00000228987	0.00	0.00
ENSG00000228990	0.00	0.00
ENSG00000228992	0.00	0.00
ENSG00000228993	0.00	0.00
ENSG00000228995	0.00	0.00
ENSG00000228997	0.50	0.00
ENSG00000228998	4.50	0.75
ENSG00000229000	0.00	0.00
ENSG00000229001	0.00	0.50
ENSG00000229002	0.00	0.00
ENSG00000229006	1.00	1.00
ENSG00000229007	2.50	2.25
ENSG00000229009	0.00	0.25
ENSG00000229010	0.00	0.00
ENSG00000229013	0.00	0.00
ENSG00000229014	0.00	0.00
ENSG00000229016	0.00	0.00
ENSG00000229018	9.25	9.75
ENSG00000229020	0.75	0.75
ENSG00000229022	0.25	0.75
ENSG00000229023	0.00	0.25
ENSG00000229027	0.00	0.00
ENSG00000229028	0.00	0.00
ENSG00000229029	0.75	2.00
ENSG00000229030	0.00	0.00
ENSG00000229031	1.00	1.50
ENSG00000229032	0.00	0.25
ENSG00000229034	0.00	0.00
ENSG00000229035	0.00	0.00
ENSG00000229036	99.50	55.50
ENSG00000229037	0.00	0.00
ENSG00000229038	0.00	0.00
ENSG00000229040	0.00	0.00
ENSG00000229045	0.00	0.00
ENSG00000229046	0.75	0.50
ENSG00000229048	0.00	0.00
ENSG00000229052	5.50	7.25
ENSG00000229054	0.00	0.25

ENSG00000229057	0.00	0.00
ENSG00000229058	7.25	4.75
ENSG00000229060	0.25	0.00
ENSG00000229061	26.50	16.75
ENSG00000229063	0.00	0.00
ENSG00000229064	0.00	0.00
ENSG00000229067	0.00	0.00
ENSG00000229068	0.00	0.00
ENSG00000229069	0.00	0.00
ENSG00000229071	22.25	18.00
ENSG00000229072	0.00	0.00
ENSG00000229074	0.00	0.25
ENSG00000229077	0.00	0.25
ENSG00000229079	0.00	0.00
ENSG00000229080	0.00	0.00
ENSG00000229082	0.00	0.00
ENSG00000229083	0.00	0.00
ENSG00000229087	0.00	0.00
ENSG00000229088	0.50	1.50
ENSG00000229089	3.50	3.25
ENSG00000229090	0.00	0.00
ENSG00000229091	2.75	2.50
ENSG00000229092	0.00	0.00
ENSG00000229093	0.00	0.00
ENSG00000229094	0.00	0.00
ENSG00000229097	11.25	16.75
ENSG00000229099	0.00	0.00
ENSG00000229100	0.00	0.00
ENSG00000229101	0.00	0.00
ENSG00000229103	0.00	0.00
ENSG00000229104	0.00	0.00
ENSG00000229106	0.00	0.00
ENSG00000229107	0.00	0.00
ENSG00000229110	0.50	0.00
ENSG00000229112	0.00	0.00
ENSG00000229115	0.00	0.00
ENSG00000229117	22222.25	19317.75
ENSG00000229119	3.00	2.00
ENSG00000229120	0.00	0.00
ENSG00000229125	0.00	0.00
ENSG00000229129	0.00	0.25
ENSG00000229132	2.00	2.25
ENSG00000229133	0.50	0.00

ENSG00000229136	0.00	0.00
ENSG00000229138	0.00	0.00
ENSG00000229142	0.00	0.00
ENSG00000229143	0.00	0.00
ENSG00000229145	0.25	0.50
ENSG00000229146	0.00	0.00
ENSG00000229147	0.00	0.00
ENSG00000229149	0.00	0.00
ENSG00000229150	0.00	0.00
ENSG00000229156	0.75	0.00
ENSG00000229159	0.00	0.00
ENSG00000229161	0.00	0.00
ENSG00000229163	0.00	0.00
ENSG00000229165	0.00	0.00
ENSG00000229168	0.75	0.75
ENSG00000229169	0.00	0.00
ENSG00000229172	7.00	10.25
ENSG00000229173	0.00	0.25
ENSG00000229176	2.25	1.00
ENSG00000229179	0.00	0.00
ENSG00000229182	0.00	0.25
ENSG00000229183	15.50	4.75
ENSG00000229184	0.00	0.00
ENSG00000229185	0.00	0.00
ENSG00000229186	0.00	0.00
ENSG00000229187	0.00	0.00
ENSG00000229189	0.00	0.00
ENSG00000229194	1.00	1.00
ENSG00000229197	0.00	0.00
ENSG00000229202	41.25	30.75
ENSG00000229204	0.00	0.00
ENSG00000229207	1.50	0.25
ENSG00000229208	0.00	0.00
ENSG00000229210	0.00	0.00
ENSG00000229211	0.00	0.00
ENSG00000229212	6.25	3.50
ENSG00000229213	0.00	0.00
ENSG00000229215	449.25	426.50
ENSG00000229216	0.25	0.00
ENSG00000229217	0.00	0.00
ENSG00000229220	0.00	0.00
ENSG00000229221	0.25	0.25
ENSG00000229222	3.00	1.00

ENSG00000229226	0.00	0.00
ENSG00000229230	0.00	0.00
ENSG00000229231	0.00	0.00
ENSG00000229232	0.00	0.00
ENSG00000229234	0.00	0.00
ENSG00000229235	0.00	0.00
ENSG00000229237	0.00	0.00
ENSG00000229238	0.00	0.00
ENSG00000229239	0.00	0.00
ENSG00000229241	0.00	0.25
ENSG00000229247	0.00	0.00
ENSG00000229248	0.00	0.00
ENSG00000229250	0.00	0.00
ENSG00000229251	0.50	0.50
ENSG00000229252	1232.75	1371.50
ENSG00000229253	144.25	67.00
ENSG00000229254	0.00	0.00
ENSG00000229256	0.00	0.00
ENSG00000229259	0.25	0.50
ENSG00000229265	0.00	0.50
ENSG00000229266	0.00	0.00
ENSG00000229268	0.50	0.00
ENSG00000229273	27.00	12.50
ENSG00000229280	0.00	0.00
ENSG00000229281	0.00	0.00
ENSG00000229284	0.00	0.00
ENSG00000229286	0.00	0.00
ENSG00000229287	0.00	0.00
ENSG00000229288	0.00	0.00
ENSG00000229292	0.25	2.25
ENSG00000229293	0.00	0.00
ENSG00000229295	4.50	2.25
ENSG00000229298	2.00	1.25
ENSG00000229300	836.75	706.00
ENSG00000229302	0.00	0.00
ENSG00000229303	0.00	0.00
ENSG00000229305	0.00	0.00
ENSG00000229310	0.00	0.00
ENSG00000229314	0.00	0.00
ENSG00000229316	0.00	0.00
ENSG00000229320	45.75	44.00
ENSG00000229322	0.00	0.00
ENSG00000229324	0.25	0.00

ENSG00000229326	0.75	0.00
ENSG00000229328	0.00	0.00
ENSG00000229332	0.25	2.50
ENSG00000229336	0.25	0.00
ENSG00000229338	0.00	0.00
ENSG00000229339	0.00	0.00
ENSG00000229341	36.00	26.50
ENSG00000229342	0.00	0.00
ENSG00000229343	0.00	0.00
ENSG00000229344	7.50	7.00
ENSG00000229346	0.00	0.00
ENSG00000229347	0.00	0.00
ENSG00000229349	7.50	4.00
ENSG00000229351	0.00	0.00
ENSG00000229353	506.25	281.25
ENSG00000229357	0.25	0.25
ENSG00000229358	33.25	31.75
ENSG00000229359	0.25	0.00
ENSG00000229360	0.00	0.00
ENSG00000229361	0.00	0.00
ENSG00000229363	140.00	115.00
ENSG00000229364	0.00	0.00
ENSG00000229365	0.00	0.00
ENSG00000229367	0.00	0.00
ENSG00000229369	0.00	0.00
ENSG00000229375	0.00	0.00
ENSG00000229376	1.50	1.75
ENSG00000229381	0.00	0.00
ENSG00000229384	0.00	0.00
ENSG00000229386	0.00	0.00
ENSG00000229390	0.00	0.00
ENSG00000229391	0.50	0.50
ENSG00000229394	0.00	0.00
ENSG00000229398	0.00	0.00
ENSG00000229399	0.25	0.75
ENSG00000229405	0.00	0.00
ENSG00000229406	0.00	0.00
ENSG00000229408	0.00	0.00
ENSG00000229409	0.25	0.00
ENSG00000229411	0.00	0.00
ENSG00000229412	0.00	0.00
ENSG00000229413	17.75	18.25
ENSG00000229415	0.00	0.25

ENSG00000229416	0.00	0.00
ENSG00000229417	2.50	1.25
ENSG00000229419	6.00	7.00
ENSG00000229421	0.00	0.00
ENSG00000229422	1.00	0.75
ENSG00000229423	0.00	0.00
ENSG00000229427	0.75	1.25
ENSG00000229428	0.00	0.25
ENSG00000229430	0.25	0.00
ENSG00000229432	0.00	0.00
ENSG00000229435	0.00	0.00
ENSG00000229436	0.00	0.00
ENSG00000229439	0.00	0.00
ENSG00000229440	0.00	0.00
ENSG00000229441	0.00	0.00
ENSG00000229442	0.00	0.00
ENSG00000229447	5.50	3.50
ENSG00000229453	0.00	0.00
ENSG00000229455	0.25	0.00
ENSG00000229456	0.00	0.25
ENSG00000229461	0.00	0.00
ENSG00000229462	0.00	0.00
ENSG00000229465	0.00	0.25
ENSG00000229467	0.00	0.00
ENSG00000229468	0.50	0.00
ENSG00000229469	0.00	0.00
ENSG00000229470	82.00	63.50
ENSG00000229473	0.00	0.50
ENSG00000229474	34.50	13.25
ENSG00000229477	0.00	0.00
ENSG00000229478	0.00	0.00
ENSG00000229485	0.00	0.00
ENSG00000229486	0.00	0.00
ENSG00000229488	19.25	13.75
ENSG00000229492	0.00	0.00
ENSG00000229493	0.00	0.00
ENSG00000229496	268.00	274.25
ENSG00000229497	0.00	0.25
ENSG00000229499	0.00	0.00
ENSG00000229500	0.00	0.00
ENSG00000229503	1.50	0.50
ENSG00000229505	0.00	0.00
ENSG00000229508	0.00	0.00

ENSG00000229509	0.00	0.00
ENSG00000229511	0.00	0.00
ENSG00000229515	0.00	0.00
ENSG00000229518	0.00	0.00
ENSG00000229519	1.00	0.25
ENSG00000229524	423.00	360.50
ENSG00000229526	0.00	0.00
ENSG00000229529	0.75	0.75
ENSG00000229530	0.00	0.00
ENSG00000229532	0.00	0.00
ENSG00000229534	0.25	0.00
ENSG00000229535	0.00	0.00
ENSG00000229541	0.00	0.00
ENSG00000229542	0.00	0.00
ENSG00000229544	0.00	0.00
ENSG00000229547	0.00	0.00
ENSG00000229549	0.00	0.00
ENSG00000229551	0.00	0.00
ENSG00000229552	0.50	0.00
ENSG00000229553	0.00	0.00
ENSG00000229554	0.00	0.00
ENSG00000229559	0.00	0.00
ENSG00000229560	0.75	1.00
ENSG00000229562	0.00	0.00
ENSG00000229567	0.00	0.00
ENSG00000229568	0.00	0.00
ENSG00000229570	0.25	0.00
ENSG00000229571	0.00	0.25
ENSG00000229572	0.00	0.00
ENSG00000229573	0.00	0.00
ENSG00000229575	0.00	0.00
ENSG00000229579	0.00	0.00
ENSG00000229585	0.50	0.50
ENSG00000229586	0.00	0.00
ENSG00000229590	0.00	0.00
ENSG00000229593	0.00	0.00
ENSG00000229594	0.00	0.00
ENSG00000229595	0.00	0.00
ENSG00000229596	0.00	0.00
ENSG00000229597	0.00	0.00
ENSG00000229598	2.50	2.00
ENSG00000229601	0.50	0.25
ENSG00000229604	0.00	0.25

ENSG00000229605	0.00	0.25
ENSG00000229608	0.75	0.00
ENSG00000229612	0.00	0.00
ENSG00000229616	0.00	0.00
ENSG00000229622	0.00	0.00
ENSG00000229623	0.25	0.00
ENSG00000229626	0.00	0.00
ENSG00000229627	0.00	0.00
ENSG00000229629	0.00	0.00
ENSG00000229635	0.75	1.25
ENSG00000229636	0.00	0.00
ENSG00000229637	0.00	0.00
ENSG00000229638	10.00	8.25
ENSG00000229641	0.00	0.00
ENSG00000229644	70.25	144.25
ENSG00000229648	0.00	0.00
ENSG00000229651	0.00	0.00
ENSG00000229652	0.00	0.00
ENSG00000229657	14.00	27.00
ENSG00000229658	0.00	0.00
ENSG00000229659	5.00	4.75
ENSG00000229661	0.00	0.00
ENSG00000229662	0.00	0.00
ENSG00000229663	0.00	0.00
ENSG00000229665	0.00	0.00
ENSG00000229667	0.00	0.00
ENSG00000229668	0.00	0.00
ENSG00000229670	0.25	0.25
ENSG00000229674	0.00	0.25
ENSG00000229676	6.50	5.50
ENSG00000229677	0.25	0.00
ENSG00000229680	0.00	0.00
ENSG00000229682	0.00	0.00
ENSG00000229684	2498.75	1099.75
ENSG00000229685	4.00	6.00
ENSG00000229687	0.00	0.00
ENSG00000229689	133.75	121.75
ENSG00000229690	0.00	0.00
ENSG00000229693	0.00	0.00
ENSG00000229695	0.25	0.50
ENSG00000229696	0.00	0.00
ENSG00000229698	6.75	3.00
ENSG00000229700	0.00	0.00

ENSG00000229701	0.00	0.00
ENSG00000229704	0.00	0.00
ENSG00000229706	0.25	0.00
ENSG00000229707	0.00	0.00
ENSG00000229708	0.00	0.00
ENSG00000229709	0.00	0.00
ENSG00000229710	0.00	0.00
ENSG00000229713	0.00	0.00
ENSG00000229714	0.00	0.00
ENSG00000229715	6.75	7.75
ENSG00000229716	0.00	0.00
ENSG00000229721	0.25	0.00
ENSG00000229724	0.00	0.00
ENSG00000229725	0.00	0.00
ENSG00000229730	0.00	0.00
ENSG00000229731	0.00	0.00
ENSG00000229733	0.00	0.25
ENSG00000229735	0.00	0.00
ENSG00000229737	0.00	0.00
ENSG00000229738	0.00	0.00
ENSG00000229741	0.00	0.00
ENSG00000229742	0.25	0.00
ENSG00000229744	0.00	0.00
ENSG00000229745	0.00	0.00
ENSG00000229747	0.00	0.00
ENSG00000229749	0.00	0.00
ENSG00000229752	0.00	0.00
ENSG00000229753	0.00	0.00
ENSG00000229754	0.00	0.00
ENSG00000229756	0.00	0.00
ENSG00000229757	0.00	0.00
ENSG00000229758	0.25	0.25
ENSG00000229759	0.50	0.50
ENSG00000229760	0.00	0.00
ENSG00000229761	0.00	0.00
ENSG00000229762	0.00	0.00
ENSG00000229765	0.00	0.00
ENSG00000229767	9.50	3.75
ENSG00000229769	0.00	0.00
ENSG00000229781	0.00	0.00
ENSG00000229785	0.00	0.25
ENSG00000229786	0.00	0.25
ENSG00000229794	0.00	0.25

ENSG00000229795	0.00	0.75
ENSG00000229798	0.00	0.00
ENSG00000229800	1.25	1.00
ENSG00000229802	606.25	476.25
ENSG00000229806	0.50	1.25
ENSG00000229808	2.50	0.50
ENSG00000229809	182.25	141.00
ENSG00000229814	0.00	0.00
ENSG00000229815	0.00	0.00
ENSG00000229816	7.50	3.75
ENSG00000229817	0.75	0.50
ENSG00000229820	0.00	0.00
ENSG00000229822	0.00	0.00
ENSG00000229824	0.00	0.00
ENSG00000229826	0.00	0.00
ENSG00000229827	1.00	0.50
ENSG00000229828	0.25	0.00
ENSG00000229829	0.00	0.00
ENSG00000229830	0.00	0.00
ENSG00000229831	0.00	0.00
ENSG00000229833	289.50	291.25
ENSG00000229834	0.00	0.00
ENSG00000229835	0.00	0.25
ENSG00000229836	0.00	0.00
ENSG00000229840	0.00	0.00
ENSG00000229842	0.00	0.00
ENSG00000229849	0.00	0.00
ENSG00000229853	0.75	0.50
ENSG00000229856	0.00	0.00
ENSG00000229857	0.00	0.00
ENSG00000229858	0.00	0.00
ENSG00000229859	19.25	6.25
ENSG00000229861	92.00	79.00
ENSG00000229863	0.00	0.00
ENSG00000229865	0.00	0.00
ENSG00000229866	0.00	0.00
ENSG00000229870	0.75	0.75
ENSG00000229871	0.25	0.50
ENSG00000229875	0.00	0.00
ENSG00000229877	0.00	0.00
ENSG00000229878	0.00	0.00
ENSG00000229880	0.00	0.00
ENSG00000229885	0.00	0.00

ENSG00000229886	2.00	0.50
ENSG00000229887	0.25	0.25
ENSG00000229889	0.00	0.00
ENSG00000229890	0.00	0.25
ENSG00000229892	0.00	0.00
ENSG00000229894	0.00	0.00
ENSG00000229897	0.00	0.25
ENSG00000229898	0.00	0.00
ENSG00000229899	0.00	0.00
ENSG00000229900	0.00	0.00
ENSG00000229906	0.00	0.00
ENSG00000229907	0.00	0.00
ENSG00000229909	0.00	0.00
ENSG00000229910	0.00	0.00
ENSG00000229911	0.00	0.00
ENSG00000229914	0.25	0.50
ENSG00000229917	0.00	0.00
ENSG00000229919	0.00	0.00
ENSG00000229920	2.00	3.50
ENSG00000229924	2.50	2.25
ENSG00000229926	0.00	0.00
ENSG00000229927	7.00	4.75
ENSG00000229929	19.50	21.25
ENSG00000229930	0.25	0.00
ENSG00000229932	0.75	0.00
ENSG00000229935	0.00	0.00
ENSG00000229937	0.00	0.00
ENSG00000229939	0.50	0.00
ENSG00000229940	0.00	0.00
ENSG00000229942	0.00	0.00
ENSG00000229944	12.75	17.25
ENSG00000229946	0.00	0.00
ENSG00000229947	0.00	0.25
ENSG00000229948	0.00	0.00
ENSG00000229949	0.00	0.00
ENSG00000229954	0.00	0.00
ENSG00000229959	0.00	0.00
ENSG00000229965	0.25	0.00
ENSG00000229968	0.75	1.00
ENSG00000229972	2.00	0.75
ENSG00000229975	0.00	0.00
ENSG00000229977	0.00	0.25
ENSG00000229978	0.00	0.00

ENSG00000229979	0.00	0.00
ENSG00000229982	0.00	0.00
ENSG00000229985	0.00	0.25
ENSG00000229988	0.25	0.25
ENSG00000229991	0.00	0.00
ENSG00000229992	0.25	0.50
ENSG00000229994	0.75	0.75
ENSG00000229995	0.00	0.00
ENSG00000229998	620.50	531.50
ENSG00000230003	0.00	0.00
ENSG00000230006	12.00	13.50
ENSG00000230009	0.00	0.00
ENSG00000230011	0.00	0.00
ENSG00000230012	0.00	0.00
ENSG00000230016	0.00	0.00
ENSG00000230018	13.00	58.75
ENSG00000230019	0.00	0.00
ENSG00000230022	0.25	0.25
ENSG00000230025	0.00	0.00
ENSG00000230026	2.00	1.75
ENSG00000230029	0.00	0.00
ENSG00000230031	0.00	0.00
ENSG00000230034	64.50	50.50
ENSG00000230037	0.50	0.25
ENSG00000230039	0.00	0.00
ENSG00000230042	4.00	3.00
ENSG00000230043	1.25	1.00
ENSG00000230044	0.00	0.00
ENSG00000230045	1.00	0.00
ENSG00000230047	0.00	0.00
ENSG00000230048	5.50	3.50
ENSG00000230052	0.00	0.00
ENSG00000230053	0.00	0.00
ENSG00000230056	0.00	0.00
ENSG00000230060	0.50	0.25
ENSG00000230062	0.00	0.00
ENSG00000230064	0.00	0.25
ENSG00000230066	1.50	0.75
ENSG00000230067	0.25	0.00
ENSG00000230069	10.75	3.50
ENSG00000230071	2.25	3.50
ENSG00000230072	0.00	0.00
ENSG00000230073	0.00	0.00

ENSG00000230076	6.75	4.50
ENSG00000230077	0.25	0.00
ENSG00000230079	0.00	0.00
ENSG00000230080	0.00	1.00
ENSG00000230081	0.00	0.00
ENSG00000230083	0.00	0.00
ENSG00000230086	0.00	0.00
ENSG00000230087	0.00	0.00
ENSG00000230088	0.00	0.00
ENSG00000230092	11.00	14.00
ENSG00000230097	0.00	0.00
ENSG00000230099	0.25	0.25
ENSG00000230101	0.00	0.00
ENSG00000230104	0.25	0.25
ENSG00000230106	0.00	0.00
ENSG00000230108	0.00	0.00
ENSG00000230111	0.00	0.00
ENSG00000230112	0.25	0.00
ENSG00000230116	0.00	0.00
ENSG00000230118	0.00	0.00
ENSG00000230119	0.00	0.00
ENSG00000230122	0.25	0.00
ENSG00000230123	0.00	0.00
ENSG00000230124	927.00	680.75
ENSG00000230125	0.00	0.00
ENSG00000230128	63.50	28.25
ENSG00000230130	0.00	0.00
ENSG00000230132	0.00	0.00
ENSG00000230136	0.00	0.00
ENSG00000230137	0.00	0.00
ENSG00000230141	1.25	0.75
ENSG00000230143	484.00	504.75
ENSG00000230146	0.00	0.00
ENSG00000230147	0.00	0.00
ENSG00000230154	0.00	0.00
ENSG00000230157	0.00	0.00
ENSG00000230158	0.00	0.00
ENSG00000230160	0.75	0.25
ENSG00000230161	0.00	0.00
ENSG00000230162	0.25	0.25
ENSG00000230164	0.00	0.00
ENSG00000230165	0.00	0.00
ENSG00000230166	0.00	0.00

ENSG00000230169	0.00	0.00
ENSG00000230170	0.00	0.50
ENSG00000230171	0.00	0.00
ENSG00000230175	1.00	0.25
ENSG00000230178	0.00	0.25
ENSG00000230180	0.00	0.00
ENSG00000230181	0.00	0.00
ENSG00000230182	0.00	0.00
ENSG00000230183	5.50	3.50
ENSG00000230187	0.00	0.00
ENSG00000230188	1.00	1.50
ENSG00000230189	21.50	23.50
ENSG00000230191	0.25	0.00
ENSG00000230192	0.00	0.00
ENSG00000230193	0.00	0.00
ENSG00000230194	0.00	0.00
ENSG00000230196	0.25	0.00
ENSG00000230198	0.00	0.25
ENSG00000230199	0.25	0.00
ENSG00000230201	0.25	0.00
ENSG00000230202	0.50	0.75
ENSG00000230203	0.00	0.00
ENSG00000230204	7.50	6.75
ENSG00000230207	1.25	1.00
ENSG00000230208	0.00	0.00
ENSG00000230209	0.00	0.00
ENSG00000230211	0.00	0.00
ENSG00000230213	0.00	0.00
ENSG00000230214	0.00	0.00
ENSG00000230216	1.00	1.25
ENSG00000230219	2.00	1.25
ENSG00000230221	0.00	0.25
ENSG00000230224	11.00	5.25
ENSG00000230225	1.00	0.00
ENSG00000230227	0.00	0.00
ENSG00000230228	0.00	0.00
ENSG00000230230	0.00	0.00
ENSG00000230231	0.00	0.00
ENSG00000230237	0.00	0.00
ENSG00000230238	1.25	0.75
ENSG00000230240	0.00	0.25
ENSG00000230241	0.00	0.00
ENSG00000230243	0.00	0.00

ENSG00000230244	0.00	0.00
ENSG00000230245	0.25	1.50
ENSG00000230246	0.75	1.00
ENSG00000230247	0.00	0.00
ENSG00000230249	0.00	0.00
ENSG00000230251	0.00	0.00
ENSG00000230252	0.00	0.00
ENSG00000230254	1232.75	1371.50
ENSG00000230256	0.00	0.00
ENSG00000230261	0.00	0.00
ENSG00000230265	0.00	0.00
ENSG00000230267	23.25	20.00
ENSG00000230268	0.00	0.50
ENSG00000230271	0.00	0.00
ENSG00000230273	0.00	0.00
ENSG00000230274	0.00	0.00
ENSG00000230275	0.00	0.00
ENSG00000230276	0.00	0.00
ENSG00000230279	0.00	0.00
ENSG00000230280	7.00	7.25
ENSG00000230282	0.00	0.00
ENSG00000230283	0.00	0.00
ENSG00000230284	0.00	0.00
ENSG00000230287	0.75	1.25
ENSG00000230291	0.50	0.50
ENSG00000230293	10.50	8.50
ENSG00000230295	4.50	0.75
ENSG00000230299	0.00	0.00
ENSG00000230301	0.00	0.00
ENSG00000230302	0.00	0.25
ENSG00000230304	0.00	0.00
ENSG00000230305	1.25	0.25
ENSG00000230306	1.50	1.25
ENSG00000230307	0.00	0.00
ENSG00000230308	19.50	21.25
ENSG00000230311	0.25	0.00
ENSG00000230312	0.50	1.00
ENSG00000230318	0.00	0.00
ENSG00000230320	0.00	0.00
ENSG00000230321	0.00	0.00
ENSG00000230326	0.00	0.00
ENSG00000230327	0.00	0.00
ENSG00000230328	0.00	0.00

ENSG00000230330	0.25	0.00
ENSG00000230331	0.00	0.00
ENSG00000230332	3.50	1.25
ENSG00000230335	0.00	0.00
ENSG00000230336	0.25	0.00
ENSG00000230338	0.00	0.00
ENSG00000230339	0.00	0.00
ENSG00000230341	0.25	4.50
ENSG00000230342	0.00	0.00
ENSG00000230343	0.00	0.00
ENSG00000230347	0.00	0.00
ENSG00000230350	0.00	0.00
ENSG00000230353	0.00	0.00
ENSG00000230354	0.00	0.00
ENSG00000230355	0.25	0.00
ENSG00000230356	0.00	0.00
ENSG00000230357	0.00	0.00
ENSG00000230358	0.75	0.75
ENSG00000230359	9.25	8.25
ENSG00000230360	0.00	0.00
ENSG00000230361	0.00	0.00
ENSG00000230362	0.50	0.00
ENSG00000230364	0.25	0.50
ENSG00000230370	0.00	0.00
ENSG00000230371	0.00	1.25
ENSG00000230373	351.00	295.75
ENSG00000230375	0.00	0.00
ENSG00000230376	0.00	0.00
ENSG00000230377	0.00	0.00
ENSG00000230383	1.50	2.25
ENSG00000230384	0.00	0.00
ENSG00000230386	0.00	0.00
ENSG00000230391	0.00	0.00
ENSG00000230395	0.50	2.50
ENSG00000230397	2.00	3.00
ENSG00000230398	0.00	0.00
ENSG00000230399	0.50	0.25
ENSG00000230405	0.00	0.00
ENSG00000230406	0.00	0.00
ENSG00000230407	0.00	0.00
ENSG00000230409	5.00	4.75
ENSG00000230411	0.00	0.00
ENSG00000230412	0.00	0.00

ENSG00000230413	0.00	0.00
ENSG00000230416	0.00	0.00
ENSG00000230418	0.00	0.00
ENSG00000230419	0.00	0.00
ENSG00000230422	0.00	0.00
ENSG00000230425	0.25	0.50
ENSG00000230428	0.00	0.00
ENSG00000230430	0.00	0.00
ENSG00000230441	0.00	0.00
ENSG00000230444	0.00	0.00
ENSG00000230445	40.75	29.00
ENSG00000230447	1.25	0.25
ENSG00000230449	0.00	0.00
ENSG00000230450	0.00	0.00
ENSG00000230451	0.00	0.00
ENSG00000230453	9.25	7.00
ENSG00000230456	211.25	232.75
ENSG00000230457	0.75	1.00
ENSG00000230458	0.00	0.00
ENSG00000230459	0.25	0.00
ENSG00000230463	0.00	0.00
ENSG00000230465	3.25	2.00
ENSG00000230467	3.50	1.25
ENSG00000230468	0.25	0.00
ENSG00000230469	0.00	0.00
ENSG00000230474	1.00	2.25
ENSG00000230475	55.00	39.75
ENSG00000230476	0.00	0.00
ENSG00000230477	0.00	0.00
ENSG00000230478	0.00	0.25
ENSG00000230480	0.00	0.00
ENSG00000230481	0.00	0.00
ENSG00000230482	0.00	0.25
ENSG00000230484	0.00	0.00
ENSG00000230485	0.00	0.00
ENSG00000230491	0.25	0.00
ENSG00000230495	0.75	1.00
ENSG00000230496	0.00	0.00
ENSG00000230497	0.00	0.00
ENSG00000230501	0.00	0.00
ENSG00000230502	0.00	0.00
ENSG00000230504	0.00	0.00
ENSG00000230505	0.00	0.00

ENSG00000230507	0.25	0.00
ENSG00000230508	0.75	0.25
ENSG00000230509	0.00	0.00
ENSG00000230510	32.75	21.75
ENSG00000230511	0.00	0.00
ENSG00000230514	2.00	2.00
ENSG00000230519	0.00	0.25
ENSG00000230520	0.00	0.00
ENSG00000230521	1.00	0.75
ENSG00000230522	0.00	2.00
ENSG00000230524	0.25	2.25
ENSG00000230528	1.75	1.25
ENSG00000230529	0.00	0.00
ENSG00000230531	0.00	0.00
ENSG00000230535	0.25	0.00
ENSG00000230538	0.00	0.25
ENSG00000230543	0.00	0.00
ENSG00000230546	0.00	0.00
ENSG00000230547	0.50	0.00
ENSG00000230548	0.00	0.00
ENSG00000230549	0.00	1.25
ENSG00000230556	0.00	0.00
ENSG00000230558	0.00	0.00
ENSG00000230559	0.00	0.00
ENSG00000230562	0.00	0.00
ENSG00000230564	0.00	0.00
ENSG00000230568	0.00	0.25
ENSG00000230570	0.00	0.00
ENSG00000230571	0.00	0.00
ENSG00000230572	0.50	0.75
ENSG00000230574	0.00	0.00
ENSG00000230576	0.00	0.00
ENSG00000230578	3.75	3.75
ENSG00000230580	0.25	0.00
ENSG00000230581	0.25	0.25
ENSG00000230583	3.50	3.75
ENSG00000230584	0.00	0.00
ENSG00000230585	0.50	0.00
ENSG00000230589	0.00	0.00
ENSG00000230592	0.75	0.75
ENSG00000230593	1.50	2.50
ENSG00000230594	0.00	0.00
ENSG00000230595	0.25	0.25

ENSG00000230596	37.75	48.75
ENSG00000230598	0.00	0.00
ENSG00000230603	0.00	0.00
ENSG00000230604	0.00	0.25
ENSG00000230605	0.00	0.00
ENSG00000230607	0.00	0.00
ENSG00000230609	0.00	0.00
ENSG00000230611	0.50	1.25
ENSG00000230614	0.00	0.00
ENSG00000230616	0.25	0.00
ENSG00000230617	0.00	0.00
ENSG00000230618	0.25	0.00
ENSG00000230621	0.00	0.00
ENSG00000230622	0.00	0.00
ENSG00000230624	258.25	293.75
ENSG00000230626	0.50	0.75
ENSG00000230629	2.00	3.00
ENSG00000230634	0.00	0.00
ENSG00000230635	0.00	0.00
ENSG00000230636	0.00	0.00
ENSG00000230637	0.25	0.25
ENSG00000230638	0.00	0.25
ENSG00000230639	0.00	0.00
ENSG00000230643	0.00	0.00
ENSG00000230646	0.25	0.00
ENSG00000230650	1.50	3.50
ENSG00000230654	0.00	0.00
ENSG00000230655	0.00	0.00
ENSG00000230657	0.00	0.00
ENSG00000230659	0.00	0.00
ENSG00000230661	0.00	0.00
ENSG00000230662	0.00	0.00
ENSG00000230665	0.50	0.75
ENSG00000230666	6.00	8.75
ENSG00000230667	0.00	0.00
ENSG00000230669	68.50	40.75
ENSG00000230671	0.00	0.00
ENSG00000230673	1.00	0.50
ENSG00000230675	0.00	0.00
ENSG00000230678	88.75	62.25
ENSG00000230681	0.00	0.00
ENSG00000230682	0.00	0.00
ENSG00000230683	0.75	0.75

ENSG00000230685	363.00	200.50
ENSG00000230691	0.00	0.00
ENSG00000230697	0.00	0.00
ENSG00000230700	231.25	236.00
ENSG00000230701	0.50	1.75
ENSG00000230702	0.00	0.50
ENSG00000230705	121.00	91.00
ENSG00000230706	0.00	0.00
ENSG00000230707	0.25	0.50
ENSG00000230708	7.75	7.75
ENSG00000230711	0.00	0.00
ENSG00000230712	2.75	11.75
ENSG00000230715	44.00	48.50
ENSG00000230716	0.00	0.00
ENSG00000230718	0.00	0.00
ENSG00000230721	0.00	0.50
ENSG00000230722	0.00	0.50
ENSG00000230726	0.00	0.00
ENSG00000230727	0.00	0.00
ENSG00000230734	0.25	0.25
ENSG00000230739	0.00	0.00
ENSG00000230745	0.00	0.00
ENSG00000230748	0.00	0.00
ENSG00000230750	0.00	0.00
ENSG00000230752	0.00	0.00
ENSG00000230754	0.00	0.00
ENSG00000230755	0.00	0.00
ENSG00000230756	0.00	2.50
ENSG00000230757	0.00	0.00
ENSG00000230758	0.00	0.00
ENSG00000230763	1.50	1.25
ENSG00000230764	0.00	0.00
ENSG00000230769	1.00	1.00
ENSG00000230772	3.25	2.50
ENSG00000230777	0.00	0.00
ENSG00000230778	0.00	0.00
ENSG00000230779	0.00	0.00
ENSG00000230780	0.00	0.25
ENSG00000230781	0.00	0.00
ENSG00000230783	0.25	0.25
ENSG00000230785	0.00	0.00
ENSG00000230787	0.00	0.00
ENSG00000230788	0.00	0.00

ENSG00000230791	1.00	0.00
ENSG00000230793	1.00	1.00
ENSG00000230795	14.25	8.50
ENSG00000230796	0.25	0.00
ENSG00000230797	56.00	47.75
ENSG00000230799	0.75	1.50
ENSG00000230801	0.00	0.00
ENSG00000230804	1.75	0.75
ENSG00000230807	0.50	0.75
ENSG00000230809	0.00	0.00
ENSG00000230813	0.00	0.00
ENSG00000230814	0.00	0.00
ENSG00000230816	0.00	0.00
ENSG00000230818	0.00	0.00
ENSG00000230819	0.00	0.00
ENSG00000230820	0.00	0.00
ENSG00000230821	0.00	0.25
ENSG00000230823	0.00	0.25
ENSG00000230828	0.50	0.00
ENSG00000230829	0.00	0.00
ENSG00000230832	0.00	0.00
ENSG00000230833	0.00	0.00
ENSG00000230835	0.00	0.00
ENSG00000230837	0.00	0.25
ENSG00000230840	0.00	0.00
ENSG00000230841	0.50	0.25
ENSG00000230845	0.50	0.00
ENSG00000230847	1.75	3.25
ENSG00000230849	0.25	0.00
ENSG00000230851	0.00	0.00
ENSG00000230853	0.00	0.25
ENSG00000230854	0.00	0.00
ENSG00000230855	0.00	0.25
ENSG00000230859	0.00	0.00
ENSG00000230860	0.00	0.00
ENSG00000230863	0.00	0.00
ENSG00000230865	0.00	0.00
ENSG00000230867	1.75	1.75
ENSG00000230869	17.75	11.00
ENSG00000230870	5.25	3.50
ENSG00000230871	0.00	0.25
ENSG00000230872	2.00	2.75
ENSG00000230873	2.50	2.00

ENSG00000230874	0.00	0.00
ENSG00000230878	0.00	0.00
ENSG00000230879	0.00	0.00
ENSG00000230882	7.50	4.75
ENSG00000230885	0.25	0.00
ENSG00000230886	0.00	0.00
ENSG00000230887	0.00	0.00
ENSG00000230888	0.00	0.00
ENSG00000230889	0.00	0.00
ENSG00000230897	0.50	0.75
ENSG00000230900	12.50	9.75
ENSG00000230902	0.00	0.00
ENSG00000230904	0.00	0.00
ENSG00000230907	32.25	27.00
ENSG00000230911	0.25	0.25
ENSG00000230913	0.00	0.00
ENSG00000230915	0.25	0.00
ENSG00000230916	0.25	0.75
ENSG00000230926	0.00	0.00
ENSG00000230927	0.00	0.00
ENSG00000230929	1.25	1.75
ENSG00000230930	8.75	7.75
ENSG00000230931	0.00	0.00
ENSG00000230932	0.00	0.00
ENSG00000230934	0.00	0.00
ENSG00000230935	0.00	0.00
ENSG00000230936	0.00	0.00
ENSG00000230942	0.00	0.00
ENSG00000230946	0.25	0.00
ENSG00000230948	0.00	0.25
ENSG00000230949	0.00	0.00
ENSG00000230950	0.00	0.00
ENSG00000230951	0.25	0.00
ENSG00000230953	13.50	6.50
ENSG00000230956	0.00	0.00
ENSG00000230957	0.00	0.00
ENSG00000230958	0.00	0.00
ENSG00000230961	6.00	2.75
ENSG00000230964	0.00	0.00
ENSG00000230965	0.00	0.25
ENSG00000230973	0.00	0.00
ENSG00000230977	0.00	0.00
ENSG00000230979	2.00	3.00

ENSG00000230980	0.00	0.00
ENSG00000230982	32.00	25.50
ENSG00000230985	58.75	82.75
ENSG00000230986	0.00	0.00
ENSG00000230987	9.75	11.00
ENSG00000230988	0.00	0.00
ENSG00000230989	1555.75	1531.75
ENSG00000230992	0.00	0.00
ENSG00000230993	0.25	0.50
ENSG00000230994	0.00	0.00
ENSG00000230995	161.50	130.75
ENSG00000230997	0.00	0.00
ENSG00000230999	0.00	0.25
ENSG00000231000	0.00	0.00
ENSG00000231001	0.00	0.00
ENSG00000231002	0.00	0.00
ENSG00000231003	0.50	0.25
ENSG00000231005	0.00	0.00
ENSG00000231006	2.00	0.75
ENSG00000231007	20.25	16.25
ENSG00000231009	0.00	0.00
ENSG00000231011	0.00	0.00
ENSG00000231017	0.00	0.00
ENSG00000231018	0.00	0.00
ENSG00000231020	0.00	0.00
ENSG00000231021	0.50	0.00
ENSG00000231022	0.00	0.00
ENSG00000231026	0.00	0.00
ENSG00000231027	0.00	0.00
ENSG00000231029	0.00	0.00
ENSG00000231030	0.00	0.00
ENSG00000231032	0.00	0.00
ENSG00000231034	0.00	0.00
ENSG00000231035	0.00	0.25
ENSG00000231041	0.00	0.00
ENSG00000231043	0.25	0.25
ENSG00000231044	140.00	115.00
ENSG00000231047	0.25	0.00
ENSG00000231048	1.00	0.25
ENSG00000231049	0.25	0.00
ENSG00000231051	0.00	0.00
ENSG00000231053	0.00	0.00
ENSG00000231058	0.00	0.00

ENSG00000231060	0.00	0.00
ENSG00000231063	0.75	0.75
ENSG00000231066	0.50	1.50
ENSG00000231067	2.00	0.00
ENSG00000231068	0.00	0.00
ENSG00000231069	0.25	0.25
ENSG00000231070	0.00	0.00
ENSG00000231071	0.00	0.00
ENSG00000231072	0.00	0.25
ENSG00000231084	8.25	9.50
ENSG00000231086	0.75	1.00
ENSG00000231087	0.50	0.00
ENSG00000231093	0.00	0.00
ENSG00000231094	5.25	10.00
ENSG00000231095	0.00	0.00
ENSG00000231096	0.00	0.00
ENSG00000231099	0.00	0.00
ENSG00000231100	0.00	0.00
ENSG00000231103	0.00	0.00
ENSG00000231108	0.00	0.00
ENSG00000231112	0.00	0.00
ENSG00000231115	183.50	167.75
ENSG00000231116	84.25	58.25
ENSG00000231118	0.25	0.00
ENSG00000231120	0.25	0.00
ENSG00000231122	0.00	0.00
ENSG00000231123	0.25	0.50
ENSG00000231124	0.00	0.00
ENSG00000231129	135.00	74.50
ENSG00000231130	0.00	0.25
ENSG00000231135	8.25	7.25
ENSG00000231136	0.00	0.00
ENSG00000231137	0.25	0.00
ENSG00000231139	0.00	0.00
ENSG00000231144	0.00	0.00
ENSG00000231147	0.25	0.00
ENSG00000231148	0.25	0.00
ENSG00000231152	0.00	0.00
ENSG00000231153	0.00	0.00
ENSG00000231157	0.00	0.00
ENSG00000231158	0.00	0.00
ENSG00000231159	0.00	0.25
ENSG00000231162	0.00	0.00

ENSG00000231164	0.25	0.00
ENSG00000231165	0.00	0.00
ENSG00000231166	0.00	0.00
ENSG00000231167	0.50	0.25
ENSG00000231169	0.25	0.00
ENSG00000231179	22.75	31.00
ENSG00000231181	1.25	1.50
ENSG00000231184	0.00	0.00
ENSG00000231190	0.00	0.00
ENSG00000231192	0.00	0.00
ENSG00000231195	0.25	0.25
ENSG00000231197	0.00	0.00
ENSG00000231198	0.00	0.00
ENSG00000231199	0.00	0.00
ENSG00000231202	0.00	0.00
ENSG00000231203	0.00	0.00
ENSG00000231205	59.00	53.25
ENSG00000231206	0.00	0.25
ENSG00000231207	0.25	0.00
ENSG00000231211	0.00	0.00
ENSG00000231213	0.00	0.00
ENSG00000231219	0.00	0.00
ENSG00000231222	0.00	0.00
ENSG00000231225	146.25	84.75
ENSG00000231228	0.00	0.00
ENSG00000231232	0.25	0.50
ENSG00000231234	4.50	2.50
ENSG00000231235	0.00	0.00
ENSG00000231237	0.50	0.00
ENSG00000231240	0.00	0.00
ENSG00000231241	0.00	0.00
ENSG00000231244	0.00	0.00
ENSG00000231245	25.25	21.50
ENSG00000231247	26.75	20.25
ENSG00000231251	0.00	0.00
ENSG00000231254	0.00	0.00
ENSG00000231256	9.00	7.00
ENSG00000231257	33.50	18.00
ENSG00000231258	8.75	5.75
ENSG00000231259	151.00	136.75
ENSG00000231261	0.00	0.00
ENSG00000231264	0.00	0.00
ENSG00000231268	2.00	2.00

ENSG00000231270	0.00	0.00
ENSG00000231271	0.00	0.00
ENSG00000231274	0.50	0.75
ENSG00000231275	0.00	0.00
ENSG00000231276	0.00	0.00
ENSG00000231278	0.00	0.00
ENSG00000231279	0.00	0.00
ENSG00000231280	0.00	0.00
ENSG00000231286	0.00	0.00
ENSG00000231287	0.00	0.25
ENSG00000231288	0.00	0.00
ENSG00000231292	0.00	0.00
ENSG00000231293	0.00	0.00
ENSG00000231296	1.75	0.75
ENSG00000231299	0.00	0.00
ENSG00000231300	0.00	0.00
ENSG00000231301	0.00	0.00
ENSG00000231302	0.50	1.25
ENSG00000231307	1.00	0.25
ENSG00000231309	0.00	0.00
ENSG00000231311	0.00	0.00
ENSG00000231313	0.00	0.00
ENSG00000231314	0.00	0.00
ENSG00000231316	0.00	0.00
ENSG00000231317	0.75	0.00
ENSG00000231319	0.00	0.00
ENSG00000231320	0.00	0.00
ENSG00000231321	76.75	69.75
ENSG00000231322	0.50	0.00
ENSG00000231325	4.00	3.50
ENSG00000231328	0.00	0.00
ENSG00000231331	0.00	0.00
ENSG00000231333	0.00	0.25
ENSG00000231340	10.00	7.75
ENSG00000231341	0.00	0.00
ENSG00000231344	0.00	0.25
ENSG00000231345	48.25	28.25
ENSG00000231349	0.00	0.00
ENSG00000231350	0.25	0.50
ENSG00000231351	0.00	0.50
ENSG00000231353	0.00	0.00
ENSG00000231356	0.00	0.00
ENSG00000231357	0.00	0.00

ENSG00000231359	0.25	0.00
ENSG00000231361	0.00	0.00
ENSG00000231362	0.00	0.00
ENSG00000231366	0.25	0.00
ENSG00000231368	0.00	0.00
ENSG00000231369	2.00	2.50
ENSG00000231370	746.50	984.50
ENSG00000231371	0.00	0.00
ENSG00000231372	73.50	104.75
ENSG00000231375	0.00	0.00
ENSG00000231376	0.00	0.00
ENSG00000231377	128.00	151.00
ENSG00000231378	0.25	0.00
ENSG00000231381	0.00	0.00
ENSG00000231382	0.00	0.00
ENSG00000231384	0.00	0.00
ENSG00000231385	0.25	0.25
ENSG00000231386	0.00	0.00
ENSG00000231388	0.00	0.00
ENSG00000231389	4.25	6.00
ENSG00000231390	0.25	0.00
ENSG00000231392	0.00	0.00
ENSG00000231395	1.75	1.00
ENSG00000231396	0.00	0.00
ENSG00000231397	0.00	0.25
ENSG00000231398	0.00	0.00
ENSG00000231399	0.00	0.00
ENSG00000231402	0.00	0.00
ENSG00000231404	0.00	0.00
ENSG00000231408	0.00	0.00
ENSG00000231409	1.25	1.00
ENSG00000231411	0.00	0.00
ENSG00000231414	0.25	0.50
ENSG00000231416	0.00	0.00
ENSG00000231417	0.00	0.00
ENSG00000231423	0.00	0.00
ENSG00000231430	0.00	0.00
ENSG00000231431	0.25	0.00
ENSG00000231433	0.00	0.00
ENSG00000231434	0.50	1.00
ENSG00000231436	0.00	0.00
ENSG00000231442	0.00	0.00
ENSG00000231443	6.75	4.50

ENSG00000231445	9.00	5.25
ENSG00000231449	0.25	1.00
ENSG00000231454	0.00	0.00
ENSG00000231458	0.00	0.00
ENSG00000231461	0.00	0.00
ENSG00000231464	1.00	1.25
ENSG00000231466	6.25	3.00
ENSG00000231468	1.50	0.50
ENSG00000231470	0.00	0.00
ENSG00000231471	0.00	0.00
ENSG00000231475	0.00	0.00
ENSG00000231478	0.00	0.00
ENSG00000231479	0.00	0.25
ENSG00000231480	0.00	0.00
ENSG00000231484	0.00	0.00
ENSG00000231488	63.50	57.00
ENSG00000231489	0.00	0.00
ENSG00000231490	0.00	0.00
ENSG00000231491	0.00	0.00
ENSG00000231494	1.25	0.75
ENSG00000231500	4454.25	3999.00
ENSG00000231501	0.00	0.00
ENSG00000231502	39.00	28.25
ENSG00000231503	0.25	0.00
ENSG00000231504	0.00	0.00
ENSG00000231508	0.00	0.25
ENSG00000231513	0.00	0.25
ENSG00000231514	0.00	0.00
ENSG00000231516	0.00	0.00
ENSG00000231523	0.00	0.00
ENSG00000231525	0.00	0.00
ENSG00000231526	0.00	0.00
ENSG00000231531	0.00	0.00
ENSG00000231537	0.00	0.00
ENSG00000231540	0.00	0.00
ENSG00000231541	0.00	0.00
ENSG00000231543	66.00	50.25
ENSG00000231544	0.75	0.75
ENSG00000231546	0.25	0.00
ENSG00000231547	0.00	0.00
ENSG00000231548	0.00	0.00
ENSG00000231549	0.00	0.00
ENSG00000231550	0.25	1.25

ENSG00000231552	0.00	0.00
ENSG00000231553	0.00	0.00
ENSG00000231555	733.00	417.75
ENSG00000231556	0.00	0.00
ENSG00000231558	1.50	0.75
ENSG00000231559	0.00	0.00
ENSG00000231561	2.25	0.50
ENSG00000231562	0.25	0.00
ENSG00000231564	0.00	0.00
ENSG00000231565	0.00	0.00
ENSG00000231567	0.00	0.00
ENSG00000231568	0.00	0.00
ENSG00000231569	0.00	0.25
ENSG00000231570	0.00	0.00
ENSG00000231576	0.00	0.00
ENSG00000231579	0.00	0.00
ENSG00000231580	0.00	0.00
ENSG00000231582	0.00	0.00
ENSG00000231583	0.00	0.00
ENSG00000231584	59.25	42.75
ENSG00000231586	0.00	0.00
ENSG00000231588	47.50	24.00
ENSG00000231590	0.00	0.00
ENSG00000231592	0.00	0.00
ENSG00000231593	0.00	0.00
ENSG00000231596	0.00	0.00
ENSG00000231600	0.00	0.00
ENSG00000231602	0.00	0.00
ENSG00000231603	0.00	0.00
ENSG00000231608	559.25	336.00
ENSG00000231610	0.00	0.00
ENSG00000231615	0.25	0.25
ENSG00000231617	650.00	619.00
ENSG00000231618	42.00	41.25
ENSG00000231619	0.00	0.00
ENSG00000231622	0.00	0.00
ENSG00000231623	0.00	0.00
ENSG00000231624	0.00	0.00
ENSG00000231625	1.00	0.00
ENSG00000231631	77.25	72.75
ENSG00000231635	0.00	0.00
ENSG00000231637	0.00	0.00
ENSG00000231641	71.00	82.50

ENSG00000231643	0.25	0.00
ENSG00000231645	0.00	0.00
ENSG00000231649	0.25	0.00
ENSG00000231650	0.00	0.00
ENSG00000231655	0.00	0.25
ENSG00000231656	0.00	0.00
ENSG00000231659	0.00	0.00
ENSG00000231660	0.00	0.00
ENSG00000231665	2.00	2.25
ENSG00000231667	0.00	0.00
ENSG00000231668	0.25	0.00
ENSG00000231670	0.00	0.00
ENSG00000231672	31.75	14.25
ENSG00000231675	0.00	0.00
ENSG00000231676	0.00	0.00
ENSG00000231679	0.00	0.00
ENSG00000231684	0.00	0.25
ENSG00000231686	0.00	0.00
ENSG00000231688	0.00	0.00
ENSG00000231694	0.00	0.00
ENSG00000231697	0.25	0.00
ENSG00000231699	0.00	0.00
ENSG00000231700	0.00	0.00
ENSG00000231701	0.50	0.00
ENSG00000231702	0.25	0.00
ENSG00000231706	0.00	0.00
ENSG00000231707	0.00	0.25
ENSG00000231710	0.00	0.00
ENSG00000231712	0.00	0.00
ENSG00000231715	0.25	0.00
ENSG00000231716	0.00	0.00
ENSG00000231719	0.00	0.00
ENSG00000231722	0.00	0.00
ENSG00000231723	0.00	0.00
ENSG00000231725	0.00	0.00
ENSG00000231726	0.00	0.00
ENSG00000231735	0.00	0.00
ENSG00000231737	162.75	130.00
ENSG00000231738	10.00	7.75
ENSG00000231739	0.00	0.75
ENSG00000231741	0.00	0.00
ENSG00000231743	0.00	0.00
ENSG00000231744	0.25	0.00

ENSG00000231745	0.00	0.00
ENSG00000231746	0.00	0.00
ENSG00000231747	0.75	0.75
ENSG00000231750	0.00	0.00
ENSG00000231752	0.00	1.50
ENSG00000231759	2.75	0.00
ENSG00000231762	2.25	2.00
ENSG00000231763	0.00	0.00
ENSG00000231765	0.00	0.00
ENSG00000231766	0.00	0.00
ENSG00000231767	0.50	1.00
ENSG00000231773	0.00	0.00
ENSG00000231777	0.00	0.00
ENSG00000231780	0.00	0.00
ENSG00000231784	8.25	8.25
ENSG00000231785	0.00	0.00
ENSG00000231787	0.25	0.50
ENSG00000231788	0.00	0.25
ENSG00000231793	2.75	7.00
ENSG00000231799	0.50	0.50
ENSG00000231801	0.00	0.50
ENSG00000231802	0.00	0.00
ENSG00000231804	0.25	0.25
ENSG00000231809	0.00	0.00
ENSG00000231810	0.00	0.00
ENSG00000231812	1.75	1.25
ENSG00000231821	0.00	0.25
ENSG00000231822	1.75	1.50
ENSG00000231823	0.00	0.00
ENSG00000231824	0.00	0.25
ENSG00000231825	251.75	203.75
ENSG00000231827	0.50	0.50
ENSG00000231831	0.00	0.25
ENSG00000231834	60.75	52.50
ENSG00000231837	0.00	0.00
ENSG00000231839	0.50	0.00
ENSG00000231841	0.25	0.25
ENSG00000231845	1.00	1.00
ENSG00000231848	0.25	0.00
ENSG00000231849	0.00	0.00
ENSG00000231852	1.00	1.00
ENSG00000231855	0.00	0.00
ENSG00000231857	0.25	0.00

ENSG00000231859	1.50	2.75
ENSG00000231861	0.00	0.25
ENSG00000231866	0.25	0.00
ENSG00000231870	0.00	0.00
ENSG00000231874	0.00	0.00
ENSG00000231875	0.25	0.25
ENSG00000231878	0.00	0.00
ENSG00000231879	0.00	0.00
ENSG00000231884	0.00	0.00
ENSG00000231887	3.25	2.00
ENSG00000231888	0.00	0.00
ENSG00000231894	0.00	0.00
ENSG00000231895	0.25	0.00
ENSG00000231897	0.00	0.00
ENSG00000231900	0.00	0.00
ENSG00000231904	0.00	0.00
ENSG00000231905	0.00	0.00
ENSG00000231906	0.50	0.00
ENSG00000231907	0.00	0.25
ENSG00000231909	0.50	0.75
ENSG00000231910	0.00	0.00
ENSG00000231911	0.00	0.00
ENSG00000231913	0.00	0.00
ENSG00000231915	0.00	0.25
ENSG00000231916	0.50	0.00
ENSG00000231919	0.00	0.00
ENSG00000231922	1.50	0.00
ENSG00000231923	0.00	0.00
ENSG00000231924	180.50	77.50
ENSG00000231925	331.00	333.00
ENSG00000231926	0.00	0.00
ENSG00000231928	0.00	0.00
ENSG00000231929	0.25	0.00
ENSG00000231930	0.00	0.00
ENSG00000231931	0.25	0.00
ENSG00000231939	0.00	0.00
ENSG00000231940	0.00	0.25
ENSG00000231941	2.25	2.50
ENSG00000231942	1.00	0.25
ENSG00000231945	569.75	543.25
ENSG00000231947	0.00	0.00
ENSG00000231952	1.50	1.25
ENSG00000231954	0.00	0.00

ENSG00000231956	0.00	0.00
ENSG00000231957	0.00	0.25
ENSG00000231961	0.00	0.00
ENSG00000231965	0.25	0.00
ENSG00000231967	0.25	0.75
ENSG00000231968	0.00	0.00
ENSG00000231973	0.00	0.00
ENSG00000231974	7.50	6.25
ENSG00000231975	0.00	0.00
ENSG00000231978	0.00	0.00
ENSG00000231981	0.00	0.00
ENSG00000231982	3.00	2.00
ENSG00000231984	0.00	0.00
ENSG00000231988	0.00	0.00
ENSG00000231989	0.00	0.00
ENSG00000231991	1.00	5.00
ENSG00000231995	27.00	12.00
ENSG00000231996	0.00	0.00
ENSG00000231998	0.00	0.00
ENSG00000232000	5.25	2.25
ENSG00000232003	0.00	0.00
ENSG00000232004	0.25	0.25
ENSG00000232005	834.50	579.25
ENSG00000232007	0.00	0.00
ENSG00000232009	0.00	0.00
ENSG00000232011	0.00	0.00
ENSG00000232015	0.00	0.00
ENSG00000232017	0.00	0.00
ENSG00000232022	2.75	2.00
ENSG00000232024	71.25	45.50
ENSG00000232027	0.75	1.25
ENSG00000232029	0.00	0.00
ENSG00000232030	0.00	0.00
ENSG00000232032	0.50	0.50
ENSG00000232036	0.00	0.25
ENSG00000232037	0.00	0.25
ENSG00000232039	0.00	0.00
ENSG00000232040	8.75	10.00
ENSG00000232041	0.00	0.00
ENSG00000232042	0.00	0.00
ENSG00000232045	156.75	95.00
ENSG00000232048	0.00	0.25
ENSG00000232049	0.00	0.00

ENSG00000232050	0.00	0.00
ENSG00000232054	0.00	0.00
ENSG00000232059	0.75	1.25
ENSG00000232060	0.00	0.00
ENSG00000232062	0.00	0.00
ENSG00000232064	0.00	0.00
ENSG00000232068	0.00	0.00
ENSG00000232069	0.00	0.00
ENSG00000232070	20.25	17.50
ENSG00000232075	1.50	0.25
ENSG00000232083	0.25	0.25
ENSG00000232087	0.00	0.00
ENSG00000232089	0.00	0.00
ENSG00000232090	0.00	0.00
ENSG00000232091	0.50	2.00
ENSG00000232095	0.00	0.00
ENSG00000232096	0.00	0.00
ENSG00000232097	0.25	0.00
ENSG00000232099	0.00	0.00
ENSG00000232101	0.00	0.00
ENSG00000232102	0.00	0.25
ENSG00000232105	0.00	0.00
ENSG00000232106	0.00	0.00
ENSG00000232109	0.00	0.00
ENSG00000232111	3.75	0.75
ENSG00000232112	1301.25	1382.50
ENSG00000232114	0.25	0.00
ENSG00000232115	0.00	0.00
ENSG00000232119	389.25	323.25
ENSG00000232122	0.00	0.00
ENSG00000232125	0.00	0.00
ENSG00000232126	703.00	562.25
ENSG00000232127	0.00	0.00
ENSG00000232128	0.00	0.00
ENSG00000232133	1.75	8.25
ENSG00000232134	0.75	0.25
ENSG00000232135	0.00	0.00
ENSG00000232136	3.00	0.75
ENSG00000232138	0.00	0.00
ENSG00000232141	0.00	0.00
ENSG00000232142	0.00	0.00
ENSG00000232143	285.00	267.25
ENSG00000232144	0.25	0.25

ENSG00000232145	0.00	0.00
ENSG00000232146	0.00	0.00
ENSG00000232148	0.00	0.00
ENSG00000232149	11.25	7.25
ENSG00000232150	0.25	0.50
ENSG00000232154	0.00	0.00
ENSG00000232155	0.00	0.00
ENSG00000232156	0.00	0.00
ENSG00000232158	0.00	0.00
ENSG00000232159	0.00	0.00
ENSG00000232161	0.00	0.00
ENSG00000232163	1.25	1.00
ENSG00000232165	0.00	0.00
ENSG00000232166	0.00	0.00
ENSG00000232167	0.00	0.00
ENSG00000232168	0.00	0.00
ENSG00000232169	260.50	247.75
ENSG00000232172	0.00	0.25
ENSG00000232173	0.00	0.00
ENSG00000232174	0.00	0.00
ENSG00000232175	0.00	0.25
ENSG00000232176	0.25	0.00
ENSG00000232177	0.25	0.50
ENSG00000232178	0.00	0.00
ENSG00000232179	0.00	0.00
ENSG00000232180	0.00	0.25
ENSG00000232185	0.00	0.00
ENSG00000232186	2.00	2.75
ENSG00000232187	30.75	25.00
ENSG00000232189	0.00	0.00
ENSG00000232195	0.00	0.25
ENSG00000232196	1404.25	1304.50
ENSG00000232198	0.00	0.00
ENSG00000232199	0.00	0.00
ENSG00000232202	2.50	1.50
ENSG00000232203	0.25	0.00
ENSG00000232204	0.25	0.00
ENSG00000232205	0.00	0.00
ENSG00000232208	0.00	0.00
ENSG00000232215	0.00	0.00
ENSG00000232216	0.00	0.00
ENSG00000232217	0.00	0.00
ENSG00000232218	1.00	1.00

ENSG00000232223	0.00	0.00
ENSG00000232226	0.00	0.00
ENSG00000232228	0.00	0.00
ENSG00000232230	0.50	0.50
ENSG00000232232	0.00	0.00
ENSG00000232235	0.00	0.00
ENSG00000232237	0.75	1.50
ENSG00000232238	0.00	0.00
ENSG00000232239	0.00	0.00
ENSG00000232240	0.00	0.00
ENSG00000232241	0.00	0.25
ENSG00000232242	0.00	0.00
ENSG00000232244	0.00	0.00
ENSG00000232249	0.00	0.00
ENSG00000232251	0.00	0.00
ENSG00000232253	0.00	0.00
ENSG00000232254	0.00	0.00
ENSG00000232258	0.00	0.00
ENSG00000232260	0.00	0.25
ENSG00000232261	0.00	0.00
ENSG00000232263	0.00	0.00
ENSG00000232264	0.00	0.00
ENSG00000232267	0.00	0.00
ENSG00000232268	0.50	0.25
ENSG00000232273	1.00	1.25
ENSG00000232276	0.00	0.00
ENSG00000232277	0.00	0.00
ENSG00000232280	416.25	480.50
ENSG00000232281	0.00	0.00
ENSG00000232282	0.00	0.00
ENSG00000232285	0.00	0.00
ENSG00000232289	0.00	0.25
ENSG00000232292	0.00	0.00
ENSG00000232293	0.00	0.00
ENSG00000232296	0.00	0.00
ENSG00000232302	0.00	0.00
ENSG00000232303	11.75	6.00
ENSG00000232305	0.00	0.00
ENSG00000232308	0.00	0.00
ENSG00000232312	49.25	45.75
ENSG00000232314	0.00	0.00
ENSG00000232320	0.00	0.00
ENSG00000232326	27.25	29.50

ENSG00000232327	0.50	0.50
ENSG00000232331	0.00	0.00
ENSG00000232332	0.00	0.00
ENSG00000232333	0.25	0.50
ENSG00000232334	1.75	2.00
ENSG00000232337	0.00	0.00
ENSG00000232339	4.25	3.25
ENSG00000232341	0.25	0.25
ENSG00000232344	3.25	5.75
ENSG00000232345	0.00	0.00
ENSG00000232346	0.50	0.50
ENSG00000232349	0.00	0.00
ENSG00000232350	0.00	0.00
ENSG00000232355	0.00	0.00
ENSG00000232357	12.75	9.75
ENSG00000232361	0.25	0.00
ENSG00000232362	0.00	0.25
ENSG00000232366	0.00	0.00
ENSG00000232367	117.75	96.75
ENSG00000232368	4.00	2.25
ENSG00000232369	0.25	0.00
ENSG00000232370	0.00	0.00
ENSG00000232373	0.00	0.00
ENSG00000232374	1.50	0.00
ENSG00000232375	0.00	0.00
ENSG00000232376	0.00	0.00
ENSG00000232378	0.00	0.50
ENSG00000232379	0.00	0.00
ENSG00000232380	0.00	0.00
ENSG00000232381	0.00	0.00
ENSG00000232382	0.00	0.00
ENSG00000232383	0.00	0.50
ENSG00000232385	0.75	0.25
ENSG00000232387	0.00	0.00
ENSG00000232388	278.50	274.00
ENSG00000232389	0.00	0.00
ENSG00000232390	0.00	0.00
ENSG00000232391	0.00	0.00
ENSG00000232392	0.25	0.00
ENSG00000232393	0.00	0.00
ENSG00000232397	0.00	0.00
ENSG00000232398	0.75	0.75
ENSG00000232399	0.00	0.00

ENSG00000232400	0.00	0.00
ENSG00000232403	0.00	0.00
ENSG00000232407	0.50	0.75
ENSG00000232409	0.00	0.00
ENSG00000232414	2.50	0.50
ENSG00000232418	0.00	0.00
ENSG00000232420	0.00	0.00
ENSG00000232421	2498.75	1099.75
ENSG00000232422	0.00	0.00
ENSG00000232423	0.00	0.00
ENSG00000232424	0.00	0.00
ENSG00000232429	0.00	0.25
ENSG00000232430	0.00	0.00
ENSG00000232431	0.25	0.00
ENSG00000232433	0.00	0.00
ENSG00000232434	79.75	77.75
ENSG00000232435	0.00	0.00
ENSG00000232437	0.00	0.00
ENSG00000232439	4.75	5.25
ENSG00000232441	0.00	0.00
ENSG00000232446	0.00	0.00
ENSG00000232447	0.00	0.00
ENSG00000232450	8.00	11.25
ENSG00000232454	0.25	0.25
ENSG00000232456	0.25	0.25
ENSG00000232457	0.50	0.50
ENSG00000232459	0.00	0.00
ENSG00000232460	29.50	24.75
ENSG00000232463	0.00	0.00
ENSG00000232466	0.00	0.00
ENSG00000232467	0.00	0.00
ENSG00000232469	0.00	0.00
ENSG00000232471	0.50	0.75
ENSG00000232472	3.00	0.75
ENSG00000232473	0.00	0.00
ENSG00000232475	0.00	0.00
ENSG00000232479	0.25	0.50
ENSG00000232482	0.00	0.00
ENSG00000232486	0.00	0.00
ENSG00000232489	1.00	0.00
ENSG00000232491	0.25	0.00
ENSG00000232492	1.75	1.50
ENSG00000232493	0.25	0.25

ENSG00000232496	0.00	0.25
ENSG00000232497	0.00	0.00
ENSG00000232499	0.25	0.25
ENSG00000232502	0.00	0.00
ENSG00000232503	0.00	0.00
ENSG00000232508	0.00	0.00
ENSG00000232511	0.00	0.00
ENSG00000232514	0.00	0.00
ENSG00000232515	0.00	0.00
ENSG00000232516	0.25	0.25
ENSG00000232517	15.50	10.50
ENSG00000232522	0.00	0.00
ENSG00000232525	0.00	0.00
ENSG00000232526	0.00	0.00
ENSG00000232528	4.00	5.75
ENSG00000232531	0.00	0.00
ENSG00000232535	0.00	0.00
ENSG00000232540	0.00	0.25
ENSG00000232541	5.00	3.50
ENSG00000232543	0.00	0.00
ENSG00000232546	0.75	1.25
ENSG00000232549	0.00	0.25
ENSG00000232551	0.00	0.00
ENSG00000232553	0.00	0.00
ENSG00000232554	0.50	0.00
ENSG00000232556	0.25	0.00
ENSG00000232559	60.50	57.50
ENSG00000232562	0.00	0.00
ENSG00000232563	0.00	0.00
ENSG00000232568	2.00	0.75
ENSG00000232569	59.75	64.50
ENSG00000232572	0.00	0.00
ENSG00000232573	1.00	2.00
ENSG00000232575	2498.75	1099.75
ENSG00000232576	0.00	0.00
ENSG00000232578	0.00	0.00
ENSG00000232579	0.00	0.00
ENSG00000232582	0.00	0.00
ENSG00000232583	0.00	0.00
ENSG00000232585	0.00	0.00
ENSG00000232587	1.00	1.50
ENSG00000232594	0.00	0.00
ENSG00000232595	0.00	0.00

ENSG00000232599	0.50	0.00
ENSG00000232601	0.00	0.00
ENSG00000232603	0.00	0.00
ENSG00000232605	0.00	0.00
ENSG00000232608	0.50	1.00
ENSG00000232610	0.00	0.00
ENSG00000232612	0.25	0.25
ENSG00000232614	0.00	0.00
ENSG00000232615	1.75	1.50
ENSG00000232616	296.50	264.75
ENSG00000232617	0.00	0.00
ENSG00000232620	0.00	0.00
ENSG00000232621	0.00	0.00
ENSG00000232622	0.25	0.00
ENSG00000232625	0.25	0.00
ENSG00000232626	0.25	1.00
ENSG00000232627	0.00	0.00
ENSG00000232629	0.00	0.25
ENSG00000232630	15.25	17.00
ENSG00000232631	0.00	0.00
ENSG00000232632	26.00	31.50
ENSG00000232634	0.00	0.00
ENSG00000232639	0.00	0.00
ENSG00000232641	0.75	0.50
ENSG00000232644	0.00	0.00
ENSG00000232646	0.50	0.00
ENSG00000232647	0.00	0.00
ENSG00000232649	0.00	0.00
ENSG00000232653	548.50	422.50
ENSG00000232654	0.25	0.00
ENSG00000232658	0.00	0.00
ENSG00000232659	0.00	0.00
ENSG00000232662	0.00	1.00
ENSG00000232663	0.00	0.00
ENSG00000232664	0.00	0.00
ENSG00000232665	0.00	0.00
ENSG00000232668	0.00	0.00
ENSG00000232672	0.00	0.00
ENSG00000232676	0.25	0.00
ENSG00000232678	0.00	0.25
ENSG00000232683	0.00	0.00
ENSG00000232687	0.75	0.50
ENSG00000232690	0.00	0.00

ENSG00000232695	0.00	0.00
ENSG00000232699	0.25	0.00
ENSG00000232701	0.00	0.00
ENSG00000232702	0.00	0.50
ENSG00000232705	0.00	0.00
ENSG00000232706	1.00	2.25
ENSG00000232707	0.00	0.00
ENSG00000232708	22.25	16.75
ENSG00000232709	1.00	0.50
ENSG00000232713	2.50	2.75
ENSG00000232714	0.00	0.00
ENSG00000232716	0.00	0.00
ENSG00000232717	0.50	0.25
ENSG00000232718	0.00	0.00
ENSG00000232722	0.00	0.00
ENSG00000232723	0.50	0.00
ENSG00000232724	0.25	0.50
ENSG00000232727	0.25	0.00
ENSG00000232728	0.00	0.00
ENSG00000232730	0.00	0.00
ENSG00000232733	0.00	0.00
ENSG00000232734	0.00	0.00
ENSG00000232735	0.00	0.00
ENSG00000232736	0.00	0.00
ENSG00000232742	1.50	2.25
ENSG00000232743	0.00	0.00
ENSG00000232744	0.00	0.00
ENSG00000232747	0.00	0.00
ENSG00000232750	0.25	0.00
ENSG00000232751	0.25	0.00
ENSG00000232752	1.75	0.75
ENSG00000232757	0.00	0.25
ENSG00000232760	0.00	0.00
ENSG00000232764	0.00	0.00
ENSG00000232765	0.00	0.00
ENSG00000232766	0.00	0.25
ENSG00000232768	0.00	0.00
ENSG00000232771	0.00	0.00
ENSG00000232772	0.00	0.00
ENSG00000232773	0.00	0.00
ENSG00000232775	5.75	11.25
ENSG00000232777	0.00	0.00
ENSG00000232778	0.50	0.00

ENSG00000232780	0.00	0.50
ENSG00000232781	0.00	0.00
ENSG00000232783	0.00	0.00
ENSG00000232786	0.00	0.00
ENSG00000232787	0.00	0.00
ENSG00000232789	0.00	0.00
ENSG00000232791	0.00	0.00
ENSG00000232792	0.00	0.00
ENSG00000232793	0.00	0.00
ENSG00000232794	0.25	0.00
ENSG00000232795	0.00	0.00
ENSG00000232797	0.00	0.00
ENSG00000232798	0.50	0.50
ENSG00000232799	0.00	0.00
ENSG00000232800	0.00	0.00
ENSG00000232801	0.25	0.50
ENSG00000232802	0.00	0.00
ENSG00000232804	941.00	759.25
ENSG00000232805	0.00	0.00
ENSG00000232809	0.00	0.00
ENSG00000232810	0.00	0.00
ENSG00000232813	0.00	0.00
ENSG00000232815	11.50	7.00
ENSG00000232816	1.75	0.75
ENSG00000232818	8.50	8.75
ENSG00000232823	0.00	0.00
ENSG00000232824	0.00	0.00
ENSG00000232829	0.00	0.00
ENSG00000232830	0.25	0.00
ENSG00000232834	0.00	0.00
ENSG00000232838	78.75	97.75
ENSG00000232839	19.50	21.25
ENSG00000232841	0.00	0.00
ENSG00000232842	0.00	0.00
ENSG00000232843	0.75	0.50
ENSG00000232845	0.00	0.00
ENSG00000232846	0.00	0.00
ENSG00000232848	0.25	0.50
ENSG00000232851	0.00	0.00
ENSG00000232852	2.00	1.25
ENSG00000232853	0.00	0.00
ENSG00000232857	0.00	0.00
ENSG00000232858	0.00	0.25

ENSG00000232859	208.75	165.50
ENSG00000232862	0.25	0.25
ENSG00000232864	0.00	0.00
ENSG00000232867	0.00	0.00
ENSG00000232869	0.00	0.00
ENSG00000232871	23.75	6.00
ENSG00000232872	0.50	0.25
ENSG00000232873	0.00	0.00
ENSG00000232875	0.25	0.00
ENSG00000232879	0.00	0.25
ENSG00000232880	0.00	0.00
ENSG00000232881	0.00	0.00
ENSG00000232882	0.50	0.00
ENSG00000232883	0.00	0.25
ENSG00000232887	0.00	0.00
ENSG00000232888	6.25	3.50
ENSG00000232889	0.00	0.00
ENSG00000232894	0.50	0.25
ENSG00000232897	0.00	0.00
ENSG00000232899	0.00	0.00
ENSG00000232901	1.00	0.75
ENSG00000232905	0.00	0.00
ENSG00000232906	0.00	0.00
ENSG00000232908	0.00	0.00
ENSG00000232910	0.00	0.00
ENSG00000232914	0.00	0.00
ENSG00000232915	0.00	0.00
ENSG00000232916	0.00	0.00
ENSG00000232917	0.00	0.00
ENSG00000232918	0.00	0.00
ENSG00000232922	0.00	0.00
ENSG00000232924	0.00	0.00
ENSG00000232925	0.00	0.00
ENSG00000232926	6.50	8.50
ENSG00000232927	0.00	0.00
ENSG00000232928	0.25	0.00
ENSG00000232938	75.75	62.25
ENSG00000232943	0.00	0.00
ENSG00000232944	0.00	0.00
ENSG00000232945	0.00	0.00
ENSG00000232946	0.00	0.00
ENSG00000232948	0.00	0.00
ENSG00000232950	0.00	0.00

ENSG00000232951	0.00	0.25
ENSG00000232952	0.00	0.00
ENSG00000232953	1.50	0.25
ENSG00000232957	1.50	0.75
ENSG00000232958	0.00	0.00
ENSG00000232960	223.75	227.00
ENSG00000232962	0.00	0.00
ENSG00000232963	0.00	0.00
ENSG00000232965	0.00	0.00
ENSG00000232968	0.00	0.00
ENSG00000232970	0.25	0.00
ENSG00000232974	0.00	0.00
ENSG00000232975	0.00	0.00
ENSG00000232976	0.00	0.00
ENSG00000232979	0.00	0.00
ENSG00000232981	0.00	0.00
ENSG00000232982	0.25	0.00
ENSG00000232983	0.00	0.00
ENSG00000232984	0.00	0.00
ENSG00000232988	0.00	0.00
ENSG00000232989	0.00	0.00
ENSG00000232990	0.00	0.00
ENSG00000232992	0.00	0.00
ENSG00000232994	0.25	0.00
ENSG00000232997	0.00	0.00
ENSG00000232999	0.00	0.00
ENSG00000233003	0.00	0.00
ENSG00000233007	0.00	0.50
ENSG00000233010	0.00	0.25
ENSG00000233011	0.00	0.00
ENSG00000233012	0.25	0.00
ENSG00000233014	0.00	0.00
ENSG00000233015	0.00	0.00
ENSG00000233018	0.00	0.00
ENSG00000233019	0.00	0.00
ENSG00000233020	0.00	0.00
ENSG00000233023	0.00	0.50
ENSG00000233024	707.75	729.25
ENSG00000233025	2.75	1.75
ENSG00000233026	0.00	0.00
ENSG00000233028	0.00	0.00
ENSG00000233031	0.00	0.00
ENSG00000233036	0.00	0.00

ENSG00000233037	0.75	0.25
ENSG00000233039	0.00	0.00
ENSG00000233040	0.00	0.00
ENSG00000233041	0.00	0.00
ENSG00000233045	0.00	0.50
ENSG00000233046	0.00	0.00
ENSG00000233049	128.00	151.00
ENSG00000233050	0.00	0.00
ENSG00000233051	146.25	84.75
ENSG00000233053	0.00	0.00
ENSG00000233054	0.00	0.00
ENSG00000233055	0.50	0.00
ENSG00000233057	2.25	2.50
ENSG00000233063	0.00	0.00
ENSG00000233071	0.25	0.00
ENSG00000233072	0.00	0.00
ENSG00000233076	214.25	171.00
ENSG00000233083	0.00	0.00
ENSG00000233084	0.50	1.75
ENSG00000233087	0.25	0.00
ENSG00000233090	1.25	1.00
ENSG00000233091	0.00	0.00
ENSG00000233095	0.00	0.00
ENSG00000233105	0.00	0.00
ENSG00000233106	0.00	0.00
ENSG00000233107	0.00	0.00
ENSG00000233109	0.00	0.00
ENSG00000233111	0.00	0.25
ENSG00000233113	0.00	0.00
ENSG00000233114	0.00	0.00
ENSG00000233115	13.50	17.50
ENSG00000233118	0.00	0.00
ENSG00000233120	0.00	0.00
ENSG00000233121	1.00	0.25
ENSG00000233122	11.25	9.75
ENSG00000233125	0.00	0.00
ENSG00000233126	0.00	0.00
ENSG00000233129	0.00	0.00
ENSG00000233131	0.00	0.00
ENSG00000233132	3.25	0.50
ENSG00000233133	0.50	0.25
ENSG00000233134	0.00	0.00
ENSG00000233135	0.00	0.00

ENSG00000233136	0.00	0.00
ENSG00000233139	3.75	2.50
ENSG00000233141	0.00	0.00
ENSG00000233146	0.00	0.00
ENSG00000233148	0.00	0.00
ENSG00000233149	41.25	27.25
ENSG00000233151	0.75	0.00
ENSG00000233155	1.50	1.50
ENSG00000233156	0.00	0.00
ENSG00000233157	0.25	0.25
ENSG00000233158	0.00	0.00
ENSG00000233159	0.00	0.00
ENSG00000233160	0.00	0.00
ENSG00000233161	0.00	0.00
ENSG00000233162	0.00	0.00
ENSG00000233163	0.25	0.00
ENSG00000233164	17.00	14.75
ENSG00000233167	0.25	0.75
ENSG00000233168	0.00	0.00
ENSG00000233170	5.00	4.75
ENSG00000233173	0.00	0.00
ENSG00000233176	0.25	0.25
ENSG00000233180	0.00	0.00
ENSG00000233182	0.00	0.00
ENSG00000233186	0.00	0.00
ENSG00000233189	0.00	0.00
ENSG00000233190	0.00	0.00
ENSG00000233192	0.00	0.00
ENSG00000233194	0.00	0.00
ENSG00000233196	1.75	0.75
ENSG00000233197	0.00	0.00
ENSG00000233198	7.50	8.50
ENSG00000233204	0.00	0.00
ENSG00000233205	0.00	0.25
ENSG00000233206	0.00	0.00
ENSG00000233209	0.00	0.00
ENSG00000233210	57.75	51.00
ENSG00000233211	0.00	0.00
ENSG00000233216	0.00	0.00
ENSG00000233217	0.00	0.00
ENSG00000233225	0.00	0.25
ENSG00000233228	0.00	0.00
ENSG00000233229	0.25	0.00

ENSG00000233231	10.25	7.25
ENSG00000233232	3.75	2.25
ENSG00000233235	0.00	0.00
ENSG00000233238	0.00	0.00
ENSG00000233239	1.25	0.25
ENSG00000233240	0.00	0.00
ENSG00000233241	0.00	0.00
ENSG00000233243	0.00	0.00
ENSG00000233247	0.00	0.00
ENSG00000233248	0.00	0.00
ENSG00000233252	0.00	0.00
ENSG00000233254	0.25	0.00
ENSG00000233259	0.00	0.00
ENSG00000233260	0.25	0.00
ENSG00000233263	0.00	0.00
ENSG00000233264	0.25	0.25
ENSG00000233265	0.00	0.00
ENSG00000233266	4.50	3.00
ENSG00000233268	0.00	0.00
ENSG00000233270	0.75	0.00
ENSG00000233272	0.00	0.00
ENSG00000233273	0.00	0.00
ENSG00000233275	0.25	0.00
ENSG00000233276	3659.00	4556.00
ENSG00000233278	0.25	0.25
ENSG00000233285	0.00	0.00
ENSG00000233286	0.00	0.25
ENSG00000233287	0.00	0.25
ENSG00000233291	0.00	0.00
ENSG00000233292	0.00	0.00
ENSG00000233295	2.50	2.75
ENSG00000233297	16.50	10.75
ENSG00000233298	2.25	2.00
ENSG00000233299	0.00	0.00
ENSG00000233300	0.00	0.00
ENSG00000233301	0.00	0.00
ENSG00000233306	0.00	0.00
ENSG00000233307	0.00	0.00
ENSG00000233309	0.00	0.00
ENSG00000233311	0.00	0.00
ENSG00000233312	88.75	38.25
ENSG00000233313	0.25	0.00
ENSG00000233314	129.50	126.50

ENSG00000233317	0.00	0.00
ENSG00000233318	0.00	0.00
ENSG00000233319	0.25	0.00
ENSG00000233323	645.00	475.50
ENSG00000233324	1.00	0.50
ENSG00000233325	10.75	10.00
ENSG00000233327	145.75	100.75
ENSG00000233328	0.00	0.25
ENSG00000233329	0.00	0.00
ENSG00000233333	0.00	0.00
ENSG00000233335	0.00	0.00
ENSG00000233337	9.50	9.00
ENSG00000233343	0.00	0.00
ENSG00000233345	24.75	10.00
ENSG00000233347	0.50	0.25
ENSG00000233348	349.75	302.00
ENSG00000233350	0.00	0.00
ENSG00000233352	0.00	0.00
ENSG00000233353	0.00	0.00
ENSG00000233357	0.00	0.00
ENSG00000233366	0.00	0.00
ENSG00000233369	6043.50	6456.25
ENSG00000233370	0.25	0.50
ENSG00000233377	0.00	0.75
ENSG00000233378	0.00	0.00
ENSG00000233380	0.75	0.50
ENSG00000233381	0.00	0.25
ENSG00000233382	16.00	16.75
ENSG00000233383	0.00	0.25
ENSG00000233385	0.00	0.00
ENSG00000233388	3.00	1.75
ENSG00000233401	0.25	0.00
ENSG00000233402	0.00	0.00
ENSG00000233406	1.25	1.25
ENSG00000233412	0.00	0.00
ENSG00000233416	7.75	6.50
ENSG00000233418	126.00	143.00
ENSG00000233419	0.25	0.00
ENSG00000233425	0.00	0.00
ENSG00000233426	203.75	165.50
ENSG00000233428	0.00	0.25
ENSG00000233430	1.50	0.25
ENSG00000233432	0.00	0.00

ENSG00000233433	1.50	1.75
ENSG00000233435	3.25	2.00
ENSG00000233436	3.50	2.25
ENSG00000233437	0.00	0.00
ENSG00000233438	2.50	1.75
ENSG00000233439	4.75	2.50
ENSG00000233440	0.00	0.00
ENSG00000233441	0.25	0.00
ENSG00000233442	0.00	0.00
ENSG00000233444	0.00	0.25
ENSG00000233445	0.00	0.00
ENSG00000233446	0.00	0.00
ENSG00000233447	0.00	0.00
ENSG00000233448	3.75	4.75
ENSG00000233449	0.00	0.00
ENSG00000233450	1.00	1.75
ENSG00000233454	0.00	0.00
ENSG00000233455	0.00	0.00
ENSG00000233457	0.00	0.00
ENSG00000233459	0.00	0.25
ENSG00000233460	0.00	0.00
ENSG00000233462	0.00	0.00
ENSG00000233465	0.25	0.00
ENSG00000233466	0.00	0.00
ENSG00000233467	0.00	0.00
ENSG00000233469	0.25	0.00
ENSG00000233471	0.25	0.25
ENSG00000233473	0.00	0.00
ENSG00000233476	65.25	49.75
ENSG00000233477	0.00	0.00
ENSG00000233481	0.00	0.00
ENSG00000233484	0.00	0.00
ENSG00000233486	0.00	0.00
ENSG00000233487	1.25	0.50
ENSG00000233489	0.00	0.00
ENSG00000233490	9.25	9.75
ENSG00000233493	1.50	1.75
ENSG00000233494	3.25	3.00
ENSG00000233497	0.00	0.25
ENSG00000233498	0.00	0.00
ENSG00000233499	0.00	0.00
ENSG00000233503	0.00	0.50
ENSG00000233504	0.00	0.00

ENSG00000233505	0.00	0.00
ENSG00000233506	0.00	0.00
ENSG00000233511	0.00	0.00
ENSG00000233514	0.00	0.00
ENSG00000233518	0.00	0.25
ENSG00000233523	1.50	2.50
ENSG00000233524	0.75	0.75
ENSG00000233526	0.00	0.00
ENSG00000233531	0.00	0.00
ENSG00000233533	0.00	0.00
ENSG00000233537	0.00	0.00
ENSG00000233541	0.00	0.00
ENSG00000233543	0.25	0.00
ENSG00000233544	0.00	0.00
ENSG00000233545	0.00	0.00
ENSG00000233546	0.00	0.00
ENSG00000233548	0.00	0.00
ENSG00000233549	0.00	0.00
ENSG00000233550	0.00	0.00
ENSG00000233551	0.00	0.00
ENSG00000233555	0.25	0.50
ENSG00000233557	0.00	0.00
ENSG00000233558	5.75	1.75
ENSG00000233560	1.75	1.25
ENSG00000233561	126.00	143.00
ENSG00000233562	0.00	0.00
ENSG00000233563	0.00	0.00
ENSG00000233564	33.25	22.25
ENSG00000233565	0.25	0.00
ENSG00000233566	0.00	0.00
ENSG00000233573	0.00	0.00
ENSG00000233575	0.00	0.00
ENSG00000233576	0.25	0.00
ENSG00000233578	0.25	0.75
ENSG00000233579	0.00	0.25
ENSG00000233583	0.00	0.25
ENSG00000233584	0.00	0.00
ENSG00000233585	0.25	0.00
ENSG00000233586	14.00	15.75
ENSG00000233588	0.50	1.00
ENSG00000233592	0.00	0.00
ENSG00000233594	0.00	0.00
ENSG00000233595	0.25	0.00

ENSG00000233597	4.25	2.50
ENSG00000233599	0.00	0.00
ENSG00000233601	0.00	0.00
ENSG00000233603	0.25	0.00
ENSG00000233604	0.00	0.00
ENSG00000233606	0.00	0.00
ENSG00000233608	3779.25	5747.25
ENSG00000233609	0.50	1.25
ENSG00000233614	2.50	3.75
ENSG00000233615	0.00	0.25
ENSG00000233617	0.00	0.00
ENSG00000233618	0.00	0.00
ENSG00000233619	0.00	0.00
ENSG00000233622	23.25	22.75
ENSG00000233623	0.00	0.00
ENSG00000233626	0.75	0.25
ENSG00000233632	0.25	0.00
ENSG00000233634	0.00	0.25
ENSG00000233636	0.00	0.00
ENSG00000233640	0.00	0.00
ENSG00000233641	17.25	16.00
ENSG00000233646	0.25	0.25
ENSG00000233647	0.00	0.00
ENSG00000233648	0.00	0.00
ENSG00000233650	0.00	0.00
ENSG00000233652	0.00	0.00
ENSG00000233653	0.50	1.25
ENSG00000233655	0.00	0.00
ENSG00000233659	0.25	0.00
ENSG00000233662	0.00	0.00
ENSG00000233663	0.00	0.00
ENSG00000233664	0.00	0.00
ENSG00000233668	0.25	0.25
ENSG00000233670	0.25	0.25
ENSG00000233671	3.25	3.00
ENSG00000233673	1.50	0.25
ENSG00000233674	0.00	0.00
ENSG00000233676	0.00	0.00
ENSG00000233677	0.00	0.00
ENSG00000233680	0.75	0.00
ENSG00000233681	0.00	0.00
ENSG00000233683	0.00	0.00
ENSG00000233685	0.00	0.50

ENSG00000233686	0.00	0.00
ENSG00000233687	0.00	0.00
ENSG00000233688	0.00	0.00
ENSG00000233690	2.00	4.50
ENSG00000233691	0.00	0.00
ENSG00000233697	0.00	0.00
ENSG00000233700	0.00	0.00
ENSG00000233701	1.75	1.75
ENSG00000233702	0.75	0.00
ENSG00000233703	0.00	0.00
ENSG00000233707	0.25	0.25
ENSG00000233708	0.50	0.00
ENSG00000233709	0.00	0.00
ENSG00000233710	0.00	0.00
ENSG00000233711	0.00	0.00
ENSG00000233712	0.00	0.00
ENSG00000233713	0.00	0.25
ENSG00000233716	0.25	0.00
ENSG00000233717	0.00	0.00
ENSG00000233719	0.75	0.00
ENSG00000233720	0.00	0.00
ENSG00000233724	0.00	0.00
ENSG00000233727	0.00	0.00
ENSG00000233732	0.00	0.00
ENSG00000233733	0.00	0.00
ENSG00000233734	7.75	15.00
ENSG00000233737	0.00	0.00
ENSG00000233740	0.25	0.00
ENSG00000233741	0.25	0.00
ENSG00000233747	1.25	2.25
ENSG00000233750	74.50	66.50
ENSG00000233751	0.00	0.00
ENSG00000233752	0.00	0.00
ENSG00000233757	15.25	11.25
ENSG00000233762	1.75	1.50
ENSG00000233764	0.00	0.00
ENSG00000233765	2.00	1.25
ENSG00000233767	0.00	0.00
ENSG00000233771	0.00	0.75
ENSG00000233774	0.00	0.00
ENSG00000233778	0.25	0.00
ENSG00000233780	0.00	0.00
ENSG00000233782	1.25	1.25

ENSG00000233786	0.25	0.75
ENSG00000233787	0.00	0.00
ENSG00000233792	0.00	0.00
ENSG00000233795	20.00	15.75
ENSG00000233801	140.00	115.00
ENSG00000233802	0.00	0.00
ENSG00000233803	0.00	0.00
ENSG00000233805	0.00	0.00
ENSG00000233807	0.00	0.00
ENSG00000233810	0.00	0.00
ENSG00000233813	92.00	79.00
ENSG00000233814	0.00	0.00
ENSG00000233816	0.50	0.75
ENSG00000233819	0.00	0.25
ENSG00000233820	1.25	1.50
ENSG00000233822	24.50	23.25
ENSG00000233827	0.00	0.00
ENSG00000233829	0.00	0.00
ENSG00000233830	0.00	1.25
ENSG00000233831	3.75	5.50
ENSG00000233832	0.00	0.00
ENSG00000233833	0.00	0.00
ENSG00000233836	4.00	3.75
ENSG00000233837	0.00	0.50
ENSG00000233838	0.50	0.50
ENSG00000233839	0.00	0.00
ENSG00000233841	2.00	1.75
ENSG00000233843	0.00	0.00
ENSG00000233846	0.00	0.00
ENSG00000233853	0.00	0.00
ENSG00000233859	0.50	0.75
ENSG00000233861	0.00	0.00
ENSG00000233867	0.00	0.00
ENSG00000233868	0.00	0.00
ENSG00000233869	0.00	0.00
ENSG00000233870	0.00	0.00
ENSG00000233872	0.00	0.00
ENSG00000233873	0.00	0.25
ENSG00000233874	0.00	0.00
ENSG00000233876	0.50	0.00
ENSG00000233877	0.00	0.00
ENSG00000233880	0.00	0.00
ENSG00000233887	0.25	0.00

ENSG00000233888	0.25	0.00
ENSG00000233890	40.75	24.00
ENSG00000233892	1.00	0.00
ENSG00000233900	0.00	0.00
ENSG00000233902	2.50	1.00
ENSG00000233904	1232.75	1371.50
ENSG00000233905	0.00	0.00
ENSG00000233908	0.00	0.00
ENSG00000233909	0.00	0.00
ENSG00000233910	0.00	0.00
ENSG00000233911	0.00	0.00
ENSG00000233913	242.00	148.75
ENSG00000233915	0.75	0.00
ENSG00000233916	0.00	0.00
ENSG00000233917	0.00	0.00
ENSG00000233918	0.00	0.00
ENSG00000233921	0.00	0.00
ENSG00000233924	0.00	0.50
ENSG00000233927	3574.75	3192.75
ENSG00000233929	0.00	0.75
ENSG00000233931	0.00	0.00
ENSG00000233932	0.00	0.75
ENSG00000233933	0.00	0.00
ENSG00000233934	0.00	0.00
ENSG00000233935	0.00	0.00
ENSG00000233939	0.00	0.00
ENSG00000233940	0.00	0.00
ENSG00000233943	0.00	0.00
ENSG00000233944	0.00	0.00
ENSG00000233946	0.00	0.00
ENSG00000233947	0.00	0.00
ENSG00000233948	52.75	53.50
ENSG00000233951	0.00	0.00
ENSG00000233952	0.00	0.75
ENSG00000233954	12.25	11.00
ENSG00000233955	0.00	0.00
ENSG00000233956	0.00	0.00
ENSG00000233962	0.00	0.00
ENSG00000233963	0.00	0.00
ENSG00000233964	0.00	0.00
ENSG00000233965	0.00	0.00
ENSG00000233966	4.50	3.25
ENSG00000233971	0.00	0.00

ENSG00000233972	0.00	0.00
ENSG00000233974	0.75	2.25
ENSG00000233979	0.50	0.00
ENSG00000233980	0.25	0.00
ENSG00000233982	0.25	0.00
ENSG00000233983	0.00	0.00
ENSG00000233984	3.00	2.75
ENSG00000233989	0.00	0.00
ENSG00000233990	0.00	0.25
ENSG00000233994	0.00	0.75
ENSG00000233995	0.25	0.00
ENSG00000233996	0.50	0.25
ENSG00000233998	0.00	0.50
ENSG00000233999	0.00	0.00
ENSG00000234000	0.25	4.50
ENSG00000234001	0.00	0.00
ENSG00000234003	0.00	0.25
ENSG00000234004	0.00	0.25
ENSG00000234005	0.50	0.00
ENSG00000234008	0.25	1.00
ENSG00000234009	0.75	0.00
ENSG00000234012	8.00	7.25
ENSG00000234016	0.00	0.00
ENSG00000234017	0.75	0.75
ENSG00000234020	0.50	0.00
ENSG00000234025	0.00	0.00
ENSG00000234030	0.00	0.00
ENSG00000234031	0.00	0.75
ENSG00000234032	69.50	81.50
ENSG00000234033	0.00	0.00
ENSG00000234036	2.50	2.75
ENSG00000234039	0.00	0.00
ENSG00000234040	0.00	0.75
ENSG00000234041	0.00	0.00
ENSG00000234042	21.75	20.00
ENSG00000234043	2.50	1.50
ENSG00000234044	0.00	0.00
ENSG00000234046	25.25	32.25
ENSG00000234048	0.00	0.00
ENSG00000234058	129.50	126.50
ENSG00000234059	0.25	0.00
ENSG00000234060	0.00	0.00
ENSG00000234061	0.00	0.25

ENSG00000234062	37.25	23.50
ENSG00000234064	0.00	0.00
ENSG00000234065	0.75	0.25
ENSG00000234066	0.00	0.00
ENSG00000234067	0.25	0.25
ENSG00000234068	0.00	0.00
ENSG00000234069	0.00	0.00
ENSG00000234071	0.00	0.00
ENSG00000234073	0.25	0.00
ENSG00000234074	1.50	0.50
ENSG00000234075	0.00	0.00
ENSG00000234078	173.25	189.75
ENSG00000234080	0.25	0.00
ENSG00000234081	0.00	0.00
ENSG00000234085	0.00	0.00
ENSG00000234087	0.00	0.00
ENSG00000234088	0.00	0.00
ENSG00000234092	0.00	0.00
ENSG00000234093	0.50	0.00
ENSG00000234095	0.00	0.00
ENSG00000234096	0.00	0.00
ENSG00000234099	0.00	0.00
ENSG00000234100	0.00	0.00
ENSG00000234101	0.00	0.00
ENSG00000234102	0.25	0.00
ENSG00000234106	2.00	1.50
ENSG00000234107	0.25	0.00
ENSG00000234108	0.00	0.00
ENSG00000234109	0.00	0.00
ENSG00000234110	0.00	0.00
ENSG00000234112	0.00	0.00
ENSG00000234114	16.00	11.75
ENSG00000234115	0.00	0.00
ENSG00000234118	1.00	0.25
ENSG00000234119	0.00	0.00
ENSG00000234120	0.00	0.50
ENSG00000234121	0.00	0.00
ENSG00000234122	0.00	0.00
ENSG00000234123	0.00	0.00
ENSG00000234124	0.00	0.00
ENSG00000234125	0.00	0.00
ENSG00000234127	358.00	309.75
ENSG00000234130	6.50	8.75

ENSG00000234131	0.00	0.00
ENSG00000234135	0.00	0.00
ENSG00000234137	0.25	0.50
ENSG00000234140	0.00	0.00
ENSG00000234143	0.00	0.00
ENSG00000234144	0.00	0.25
ENSG00000234145	0.25	0.50
ENSG00000234146	0.00	0.00
ENSG00000234152	0.00	0.25
ENSG00000234154	0.50	0.00
ENSG00000234158	0.00	0.00
ENSG00000234159	0.00	0.00
ENSG00000234163	0.00	0.00
ENSG00000234164	0.00	0.00
ENSG00000234167	0.00	0.00
ENSG00000234175	7.75	9.50
ENSG00000234176	0.50	0.00
ENSG00000234178	0.00	0.00
ENSG00000234179	0.00	0.00
ENSG00000234187	0.00	0.00
ENSG00000234189	0.25	0.25
ENSG00000234192	0.00	0.00
ENSG00000234195	0.00	0.00
ENSG00000234196	52.25	16.25
ENSG00000234200	0.00	0.00
ENSG00000234201	0.00	0.00
ENSG00000234202	0.00	0.00
ENSG00000234204	0.00	0.00
ENSG00000234213	0.00	0.25
ENSG00000234216	0.00	0.00
ENSG00000234217	0.00	0.00
ENSG00000234218	0.00	1.75
ENSG00000234219	0.50	1.50
ENSG00000234224	0.00	0.00
ENSG00000234226	0.00	0.00
ENSG00000234227	1.25	1.25
ENSG00000234228	0.00	0.00
ENSG00000234231	108.75	176.75
ENSG00000234234	0.00	0.00
ENSG00000234239	0.00	0.00
ENSG00000234241	0.00	0.00
ENSG00000234242	0.00	0.00
ENSG00000234243	17.50	16.50

ENSG00000234247	0.50	0.00
ENSG00000234249	0.00	0.00
ENSG00000234251	0.00	0.00
ENSG00000234253	0.00	0.00
ENSG00000234256	0.00	0.00
ENSG00000234257	0.00	0.00
ENSG00000234258	7.25	1.75
ENSG00000234259	0.00	0.00
ENSG00000234260	0.00	0.00
ENSG00000234262	0.00	0.00
ENSG00000234267	0.00	0.00
ENSG00000234268	2.00	0.75
ENSG00000234269	0.00	0.00
ENSG00000234270	0.00	0.00
ENSG00000234271	0.25	0.75
ENSG00000234272	0.50	0.75
ENSG00000234274	0.00	0.00
ENSG00000234276	0.00	0.00
ENSG00000234278	0.00	0.00
ENSG00000234280	0.00	0.00
ENSG00000234282	0.00	0.25
ENSG00000234284	71.00	60.00
ENSG00000234285	0.00	0.00
ENSG00000234287	1.00	2.00
ENSG00000234288	0.00	0.00
ENSG00000234289	36.25	31.25
ENSG00000234297	0.00	0.00
ENSG00000234304	0.00	0.00
ENSG00000234305	0.00	0.00
ENSG00000234309	0.00	0.00
ENSG00000234312	0.00	0.00
ENSG00000234315	0.00	0.00
ENSG00000234319	0.75	1.25
ENSG00000234322	1.00	0.50
ENSG00000234324	0.25	0.25
ENSG00000234325	0.25	0.00
ENSG00000234328	0.00	0.50
ENSG00000234329	5.50	6.00
ENSG00000234332	0.25	0.00
ENSG00000234333	0.00	0.00
ENSG00000234335	0.00	0.75
ENSG00000234337	0.00	0.25
ENSG00000234338	12.25	9.25

ENSG00000234340	1.00	2.00
ENSG00000234343	191.50	132.00
ENSG00000234345	2.50	2.00
ENSG00000234347	0.00	0.25
ENSG00000234349	0.00	0.00
ENSG00000234351	0.00	0.00
ENSG00000234353	45.00	31.00
ENSG00000234354	1.00	0.50
ENSG00000234355	0.00	0.25
ENSG00000234356	0.00	0.00
ENSG00000234358	0.00	0.25
ENSG00000234359	0.00	0.00
ENSG00000234360	0.00	0.00
ENSG00000234363	0.00	0.00
ENSG00000234364	0.00	0.00
ENSG00000234367	3.00	3.75
ENSG00000234369	0.00	0.00
ENSG00000234370	31.75	28.75
ENSG00000234371	0.75	0.75
ENSG00000234372	0.00	0.00
ENSG00000234373	1.00	0.50
ENSG00000234376	0.00	0.00
ENSG00000234379	0.00	0.00
ENSG00000234381	0.25	0.25
ENSG00000234382	3.75	1.50
ENSG00000234383	6.00	5.50
ENSG00000234385	0.25	0.00
ENSG00000234386	6.75	3.50
ENSG00000234388	0.00	0.00
ENSG00000234391	0.00	0.00
ENSG00000234397	0.00	0.00
ENSG00000234398	0.00	0.00
ENSG00000234399	0.00	0.00
ENSG00000234402	0.00	0.00
ENSG00000234404	0.00	0.00
ENSG00000234406	0.00	0.25
ENSG00000234409	6.25	11.75
ENSG00000234413	0.00	0.00
ENSG00000234414	0.00	0.00
ENSG00000234415	0.00	0.25
ENSG00000234417	0.00	0.00
ENSG00000234419	0.50	0.00
ENSG00000234420	858.75	680.25

ENSG00000234421	0.00	0.00
ENSG00000234422	0.00	0.00
ENSG00000234424	0.00	0.25
ENSG00000234429	0.00	0.00
ENSG00000234433	5.50	3.50
ENSG00000234436	0.00	0.00
ENSG00000234438	0.50	0.00
ENSG00000234439	0.00	0.00
ENSG00000234441	0.00	0.00
ENSG00000234442	0.00	0.00
ENSG00000234443	0.00	0.00
ENSG00000234444	204.00	164.00
ENSG00000234448	0.00	0.00
ENSG00000234450	0.50	0.75
ENSG00000234451	0.00	0.00
ENSG00000234457	0.00	0.25
ENSG00000234458	0.00	0.00
ENSG00000234463	0.00	0.00
ENSG00000234465	79.25	74.75
ENSG00000234466	1.25	0.50
ENSG00000234467	0.00	0.00
ENSG00000234469	0.00	0.00
ENSG00000234470	0.00	0.00
ENSG00000234473	1.50	2.00
ENSG00000234475	18.25	56.75
ENSG00000234479	0.25	0.00
ENSG00000234480	0.00	0.00
ENSG00000234485	0.25	0.00
ENSG00000234487	3.50	5.75
ENSG00000234488	0.00	0.00
ENSG00000234489	0.00	0.00
ENSG00000234491	0.00	0.00
ENSG00000234493	0.50	0.25
ENSG00000234495	299.50	265.25
ENSG00000234496	0.00	0.00
ENSG00000234498	4.00	3.50
ENSG00000234500	10.50	5.50
ENSG00000234502	0.00	0.00
ENSG00000234507	108.75	52.25
ENSG00000234508	17.50	16.50
ENSG00000234510	0.00	0.00
ENSG00000234512	0.00	0.00
ENSG00000234513	0.25	0.25

ENSG00000234514	3.75	3.00
ENSG00000234515	0.00	0.00
ENSG00000234518	11.00	7.50
ENSG00000234521	0.25	0.00
ENSG00000234522	0.00	0.00
ENSG00000234523	0.25	0.25
ENSG00000234524	0.00	0.00
ENSG00000234528	0.00	0.00
ENSG00000234529	0.00	0.00
ENSG00000234530	58.75	46.50
ENSG00000234534	0.00	0.00
ENSG00000234537	18.50	9.25
ENSG00000234538	0.00	0.00
ENSG00000234539	424.25	364.00
ENSG00000234541	0.00	0.00
ENSG00000234544	0.00	0.00
ENSG00000234545	509.50	410.00
ENSG00000234549	26.50	16.75
ENSG00000234557	0.75	0.00
ENSG00000234558	0.00	0.00
ENSG00000234559	0.00	0.00
ENSG00000234560	0.00	0.00
ENSG00000234562	0.00	0.00
ENSG00000234564	0.00	0.00
ENSG00000234565	0.00	0.00
ENSG00000234566	0.25	0.00
ENSG00000234568	0.00	0.00
ENSG00000234569	0.00	0.00
ENSG00000234570	0.00	0.00
ENSG00000234573	0.00	0.00
ENSG00000234574	0.50	0.00
ENSG00000234575	0.25	0.25
ENSG00000234576	0.00	0.00
ENSG00000234583	0.00	0.00
ENSG00000234585	83.00	78.50
ENSG00000234586	0.00	0.00
ENSG00000234587	0.00	0.00
ENSG00000234588	0.00	0.00
ENSG00000234589	1.00	2.25
ENSG00000234590	0.00	0.00
ENSG00000234592	0.00	0.00
ENSG00000234594	0.00	0.00
ENSG00000234602	0.00	0.25

ENSG00000234604	1.25	2.00
ENSG00000234605	0.75	0.50
ENSG00000234607	0.25	0.00
ENSG00000234611	0.00	0.00
ENSG00000234612	0.00	0.00
ENSG00000234616	555.50	495.50
ENSG00000234618	5.00	6.25
ENSG00000234619	0.25	0.00
ENSG00000234620	0.00	0.00
ENSG00000234623	0.00	0.00
ENSG00000234624	0.00	0.00
ENSG00000234627	0.00	0.00
ENSG00000234629	0.00	0.00
ENSG00000234632	0.00	0.25
ENSG00000234637	0.00	0.00
ENSG00000234639	0.00	0.00
ENSG00000234642	0.00	0.00
ENSG00000234644	0.00	0.00
ENSG00000234645	0.25	0.25
ENSG00000234648	189.75	169.75
ENSG00000234651	1098.00	1028.75
ENSG00000234652	0.00	0.00
ENSG00000234655	0.00	0.00
ENSG00000234658	0.00	0.00
ENSG00000234664	14.75	7.50
ENSG00000234667	0.75	0.25
ENSG00000234668	12.50	9.75
ENSG00000234669	0.00	0.00
ENSG00000234670	0.00	0.00
ENSG00000234671	0.00	0.00
ENSG00000234674	23.50	13.25
ENSG00000234680	0.00	0.25
ENSG00000234681	0.00	0.00
ENSG00000234682	0.00	0.00
ENSG00000234683	0.00	0.00
ENSG00000234685	0.00	0.00
ENSG00000234700	0.00	0.00
ENSG00000234701	0.00	0.00
ENSG00000234702	0.00	0.00
ENSG00000234704	1002.50	785.50
ENSG00000234706	0.00	0.00
ENSG00000234709	5.50	5.00
ENSG00000234711	0.00	0.25

ENSG00000234713	0.00	0.00
ENSG00000234716	0.00	0.00
ENSG00000234719	75.00	70.50
ENSG00000234720	0.00	0.00
ENSG00000234723	0.25	0.00
ENSG00000234724	0.25	0.25
ENSG00000234726	0.00	0.00
ENSG00000234728	846.75	745.00
ENSG00000234729	4.50	3.50
ENSG00000234731	0.25	0.00
ENSG00000234732	0.00	0.00
ENSG00000234735	0.00	0.00
ENSG00000234737	0.00	0.25
ENSG00000234742	4.75	2.00
ENSG00000234743	0.25	0.00
ENSG00000234744	0.00	0.00
ENSG00000234745	455.00	337.50
ENSG00000234746	0.00	0.00
ENSG00000234748	0.00	0.00
ENSG00000234749	0.00	0.00
ENSG00000234750	1.50	1.75
ENSG00000234751	0.75	0.25
ENSG00000234761	0.00	0.00
ENSG00000234764	0.00	0.00
ENSG00000234765	0.00	0.00
ENSG00000234769	26.00	25.50
ENSG00000234770	0.00	0.00
ENSG00000234776	3.75	4.50
ENSG00000234780	0.00	0.00
ENSG00000234782	1.25	0.75
ENSG00000234784	0.00	0.00
ENSG00000234785	1.00	0.25
ENSG00000234786	0.25	0.00
ENSG00000234788	0.00	0.00
ENSG00000234790	0.00	0.00
ENSG00000234792	0.00	0.00
ENSG00000234794	0.00	0.00
ENSG00000234795	1.25	1.25
ENSG00000234797	9.25	7.25
ENSG00000234798	40.50	33.50
ENSG00000234799	0.00	0.00
ENSG00000234800	0.00	0.00
ENSG00000234801	0.25	0.25

ENSG00000234803	0.00	0.00
ENSG00000234804	0.00	0.00
ENSG00000234805	0.25	0.00
ENSG00000234806	1.00	0.00
ENSG00000234809	23.00	14.25
ENSG00000234811	0.00	0.25
ENSG00000234812	0.00	0.00
ENSG00000234813	0.00	0.00
ENSG00000234814	90.00	63.75
ENSG00000234816	0.00	0.00
ENSG00000234819	0.25	0.00
ENSG00000234821	0.00	0.00
ENSG00000234825	0.75	0.75
ENSG00000234829	0.00	0.00
ENSG00000234830	0.00	0.50
ENSG00000234831	0.00	0.00
ENSG00000234834	0.00	0.00
ENSG00000234835	0.00	0.75
ENSG00000234836	0.00	0.00
ENSG00000234837	0.00	0.00
ENSG00000234838	0.00	0.00
ENSG00000234839	0.00	0.00
ENSG00000234841	0.50	0.25
ENSG00000234842	0.25	1.00
ENSG00000234844	0.00	0.25
ENSG00000234846	8.25	4.25
ENSG00000234849	0.50	0.00
ENSG00000234850	0.00	0.00
ENSG00000234851	3627.00	2719.50
ENSG00000234852	36.75	21.50
ENSG00000234853	0.00	0.00
ENSG00000234856	0.00	0.00
ENSG00000234857	2071.50	1986.25
ENSG00000234861	0.00	0.00
ENSG00000234863	0.00	0.00
ENSG00000234865	1.00	0.50
ENSG00000234872	0.00	0.00
ENSG00000234876	2.50	2.00
ENSG00000234878	0.00	0.00
ENSG00000234881	0.00	0.00
ENSG00000234882	20.75	14.75
ENSG00000234886	0.00	0.00
ENSG00000234888	0.00	0.00

ENSG00000234889	2.25	2.00
ENSG00000234890	0.00	0.00
ENSG00000234894	0.00	0.00
ENSG00000234895	0.00	0.00
ENSG00000234896	0.00	0.00
ENSG00000234898	0.00	0.00
ENSG00000234901	0.00	0.00
ENSG00000234903	0.00	0.00
ENSG00000234904	0.00	0.00
ENSG00000234906	1.50	4.00
ENSG00000234907	0.00	0.00
ENSG00000234910	0.00	0.00
ENSG00000234911	4.25	3.00
ENSG00000234920	11.50	11.25
ENSG00000234922	0.00	0.00
ENSG00000234925	1.00	0.75
ENSG00000234927	2.50	1.75
ENSG00000234931	0.00	0.00
ENSG00000234932	0.00	0.00
ENSG00000234933	0.00	0.00
ENSG00000234934	0.00	0.00
ENSG00000234937	0.00	0.00
ENSG00000234939	0.00	0.00
ENSG00000234941	0.00	0.00
ENSG00000234946	0.00	0.00
ENSG00000234947	39.75	28.75
ENSG00000234950	0.00	0.00
ENSG00000234951	1.50	1.25
ENSG00000234954	0.00	0.00
ENSG00000234958	0.00	0.00
ENSG00000234964	8.00	7.50
ENSG00000234965	0.00	0.00
ENSG00000234968	0.00	0.00
ENSG00000234969	9.50	9.00
ENSG00000234970	0.00	0.00
ENSG00000234975	10.25	10.50
ENSG00000234980	0.00	0.00
ENSG00000234981	0.00	0.50
ENSG00000234982	0.25	0.50
ENSG00000234983	1.00	0.50
ENSG00000234984	0.00	0.00
ENSG00000234985	0.00	0.00
ENSG00000234992	0.00	0.00

ENSG00000234993	0.00	0.00
ENSG00000234995	0.00	0.25
ENSG00000234996	8.00	5.50
ENSG00000234999	0.25	0.00
ENSG00000235001	0.75	0.25
ENSG00000235002	0.00	0.00
ENSG00000235004	0.00	0.00
ENSG00000235008	0.00	0.00
ENSG00000235012	0.00	0.00
ENSG00000235013	0.25	0.00
ENSG00000235014	0.00	0.00
ENSG00000235015	0.00	0.00
ENSG00000235017	65.00	49.50
ENSG00000235018	0.00	0.00
ENSG00000235022	1.00	6.25
ENSG00000235025	0.00	0.00
ENSG00000235028	0.00	0.00
ENSG00000235030	63.50	28.25
ENSG00000235034	1.75	1.25
ENSG00000235036	1.25	1.25
ENSG00000235039	0.00	0.00
ENSG00000235040	0.00	0.00
ENSG00000235043	0.00	1.00
ENSG00000235044	0.50	0.50
ENSG00000235045	0.75	0.25
ENSG00000235055	0.00	0.00
ENSG00000235060	0.00	0.00
ENSG00000235061	0.00	0.00
ENSG00000235062	0.25	0.00
ENSG00000235064	0.00	0.00
ENSG00000235065	2.75	6.00
ENSG00000235067	2498.75	1099.75
ENSG00000235068	0.25	0.00
ENSG00000235069	0.00	0.00
ENSG00000235071	0.75	0.00
ENSG00000235074	0.00	0.00
ENSG00000235076	0.25	0.25
ENSG00000235080	0.00	0.00
ENSG00000235081	0.00	0.00
ENSG00000235082	0.00	0.50
ENSG00000235083	0.00	0.00
ENSG00000235084	1.00	0.25
ENSG00000235088	0.00	0.00

ENSG00000235089	0.00	0.25
ENSG00000235090	0.25	0.25
ENSG00000235094	0.00	0.00
ENSG00000235095	0.00	0.00
ENSG00000235098	29.50	32.00
ENSG00000235101	0.00	0.00
ENSG00000235102	0.00	0.00
ENSG00000235105	6.25	19.25
ENSG00000235107	52.75	2.50
ENSG00000235108	0.00	0.25
ENSG00000235109	139.00	32.00
ENSG00000235110	0.00	0.00
ENSG00000235112	0.00	0.75
ENSG00000235113	0.00	0.00
ENSG00000235115	0.00	0.25
ENSG00000235116	0.00	0.00
ENSG00000235124	0.00	0.00
ENSG00000235125	45.25	29.00
ENSG00000235128	2.75	2.50
ENSG00000235129	0.00	0.25
ENSG00000235132	0.00	0.00
ENSG00000235133	0.00	0.00
ENSG00000235134	0.50	0.25
ENSG00000235136	0.00	0.00
ENSG00000235137	0.00	0.00
ENSG00000235141	0.00	0.00
ENSG00000235144	0.00	0.00
ENSG00000235145	0.75	0.00
ENSG00000235147	0.00	0.25
ENSG00000235148	0.00	0.00
ENSG00000235150	0.00	0.00
ENSG00000235155	33.75	39.75
ENSG00000235156	0.00	0.00
ENSG00000235162	2345.25	1916.25
ENSG00000235163	0.00	0.00
ENSG00000235165	0.00	0.00
ENSG00000235169	24.25	12.00
ENSG00000235170	0.00	0.00
ENSG00000235171	0.00	0.00
ENSG00000235173	267.00	249.75
ENSG00000235174	0.00	0.00
ENSG00000235175	0.00	0.00
ENSG00000235176	23.00	18.25

ENSG00000235178	3.00	3.00
ENSG00000235181	0.00	0.00
ENSG00000235182	0.25	0.00
ENSG00000235183	0.25	0.00
ENSG00000235184	0.00	0.00
ENSG00000235186	0.00	0.00
ENSG00000235190	0.00	0.00
ENSG00000235193	5.00	3.75
ENSG00000235194	177.00	126.75
ENSG00000235195	0.00	0.00
ENSG00000235196	0.00	0.00
ENSG00000235197	0.00	0.25
ENSG00000235199	0.00	0.00
ENSG00000235203	0.00	0.00
ENSG00000235205	2.00	0.25
ENSG00000235207	1.00	0.00
ENSG00000235208	0.00	0.00
ENSG00000235211	0.00	0.00
ENSG00000235213	0.25	1.00
ENSG00000235217	173.25	106.25
ENSG00000235218	0.00	0.00
ENSG00000235219	0.00	0.00
ENSG00000235220	8.50	5.75
ENSG00000235222	4.00	1.75
ENSG00000235223	0.00	0.00
ENSG00000235224	0.00	0.00
ENSG00000235225	0.75	0.75
ENSG00000235226	0.00	0.00
ENSG00000235227	0.00	0.00
ENSG00000235228	0.00	0.00
ENSG00000235232	0.00	0.00
ENSG00000235233	272.75	158.75
ENSG00000235235	0.00	0.00
ENSG00000235238	0.00	0.00
ENSG00000235239	0.00	0.00
ENSG00000235240	0.00	0.00
ENSG00000235241	40.25	51.25
ENSG00000235243	0.25	0.00
ENSG00000235248	0.00	0.00
ENSG00000235251	0.00	0.00
ENSG00000235253	0.25	0.25
ENSG00000235254	0.50	0.00
ENSG00000235256	0.00	0.00

ENSG00000235258	0.50	0.25
ENSG00000235259	0.00	0.00
ENSG00000235264	0.00	0.00
ENSG00000235266	0.00	0.00
ENSG00000235267	0.00	0.25
ENSG00000235268	0.00	0.00
ENSG00000235272	58.25	50.50
ENSG00000235274	0.00	0.00
ENSG00000235275	0.00	0.00
ENSG00000235278	0.00	0.00
ENSG00000235282	0.00	0.00
ENSG00000235286	1.50	1.25
ENSG00000235289	0.00	0.00
ENSG00000235290	0.00	0.00
ENSG00000235291	162.75	130.00
ENSG00000235294	0.25	0.00
ENSG00000235297	1.75	0.25
ENSG00000235299	0.00	0.50
ENSG00000235301	0.00	0.00
ENSG00000235302	0.00	0.00
ENSG00000235305	0.50	0.00
ENSG00000235306	0.00	0.00
ENSG00000235307	110.00	51.00
ENSG00000235308	1.25	1.50
ENSG00000235309	0.75	2.00
ENSG00000235310	0.00	0.00
ENSG00000235312	0.00	0.00
ENSG00000235315	0.00	0.00
ENSG00000235316	40.25	31.25
ENSG00000235317	0.25	0.25
ENSG00000235318	0.00	0.00
ENSG00000235323	0.00	0.00
ENSG00000235324	0.00	0.00
ENSG00000235325	0.00	0.00
ENSG00000235328	1.00	1.50
ENSG00000235329	0.00	0.00
ENSG00000235330	0.50	0.75
ENSG00000235332	0.25	0.00
ENSG00000235333	5.25	0.00
ENSG00000235334	0.00	0.00
ENSG00000235336	0.00	0.25
ENSG00000235338	0.00	0.00
ENSG00000235339	0.00	0.25

ENSG00000235340	0.00	0.00
ENSG00000235342	0.00	0.00
ENSG00000235346	0.00	0.00
ENSG00000235347	0.00	0.25
ENSG00000235349	0.00	0.25
ENSG00000235350	1.25	0.50
ENSG00000235352	0.25	0.00
ENSG00000235354	3.00	1.50
ENSG00000235360	130.00	74.25
ENSG00000235363	0.25	0.25
ENSG00000235368	0.00	0.00
ENSG00000235369	1.00	0.75
ENSG00000235370	74.75	39.00
ENSG00000235371	0.00	0.00
ENSG00000235372	0.00	0.00
ENSG00000235374	51.00	59.25
ENSG00000235376	0.00	0.25
ENSG00000235377	0.25	0.75
ENSG00000235378	0.00	0.50
ENSG00000235379	0.00	0.00
ENSG00000235380	0.00	0.00
ENSG00000235382	0.25	0.00
ENSG00000235386	0.00	0.00
ENSG00000235390	2.50	1.00
ENSG00000235391	0.00	0.00
ENSG00000235396	2.25	3.25
ENSG00000235400	0.50	0.25
ENSG00000235401	0.00	0.00
ENSG00000235411	0.00	0.00
ENSG00000235413	0.75	1.25
ENSG00000235414	0.00	0.00
ENSG00000235416	0.00	0.00
ENSG00000235420	0.25	0.25
ENSG00000235421	0.00	0.00
ENSG00000235422	0.00	0.00
ENSG00000235424	0.00	0.00
ENSG00000235425	0.00	0.00
ENSG00000235429	0.00	0.00
ENSG00000235430	0.00	0.00
ENSG00000235432	0.00	0.00
ENSG00000235433	0.00	0.00
ENSG00000235436	7.75	6.50
ENSG00000235438	2.50	1.25

ENSG00000235439	219.25	184.75
ENSG00000235440	0.25	0.00
ENSG00000235441	0.00	0.00
ENSG00000235443	22.25	18.25
ENSG00000235444	0.50	0.25
ENSG00000235447	0.00	0.00
ENSG00000235449	0.50	0.50
ENSG00000235451	0.00	0.00
ENSG00000235452	0.00	0.00
ENSG00000235454	0.50	0.75
ENSG00000235458	2.25	1.50
ENSG00000235459	0.25	0.50
ENSG00000235462	0.00	0.00
ENSG00000235463	0.00	0.00
ENSG00000235467	0.50	0.00
ENSG00000235469	0.00	0.00
ENSG00000235472	0.00	0.25
ENSG00000235479	0.00	0.00
ENSG00000235482	2.00	1.50
ENSG00000235485	0.00	0.25
ENSG00000235486	0.00	0.00
ENSG00000235487	6.00	5.75
ENSG00000235489	0.00	0.00
ENSG00000235498	0.00	0.00
ENSG00000235500	0.50	1.00
ENSG00000235505	37.00	24.75
ENSG00000235507	0.00	0.00
ENSG00000235508	2.75	3.00
ENSG00000235510	0.00	0.00
ENSG00000235511	0.00	0.00
ENSG00000235514	0.00	0.00
ENSG00000235521	0.00	0.00
ENSG00000235524	0.00	0.00
ENSG00000235525	0.00	0.00
ENSG00000235528	0.00	0.00
ENSG00000235534	0.00	0.00
ENSG00000235536	0.00	0.00
ENSG00000235539	0.00	0.00
ENSG00000235541	0.00	0.00
ENSG00000235544	0.00	0.00
ENSG00000235546	0.00	0.00
ENSG00000235547	0.00	0.00
ENSG00000235548	2.50	0.75

ENSG00000235549	0.00	0.00
ENSG00000235550	0.00	0.00
ENSG00000235552	115.25	98.50
ENSG00000235554	1.75	0.00
ENSG00000235555	0.00	0.00
ENSG00000235558	0.00	0.00
ENSG00000235559	0.00	0.00
ENSG00000235561	0.00	0.00
ENSG00000235568	7.25	6.50
ENSG00000235569	8.75	14.50
ENSG00000235571	0.00	0.00
ENSG00000235573	0.00	0.00
ENSG00000235574	0.00	0.00
ENSG00000235577	0.00	0.00
ENSG00000235579	0.25	1.25
ENSG00000235581	0.00	0.00
ENSG00000235582	0.50	0.00
ENSG00000235583	0.00	0.00
ENSG00000235587	0.25	0.75
ENSG00000235588	0.00	0.00
ENSG00000235589	3.00	3.00
ENSG00000235592	0.00	0.00
ENSG00000235594	0.00	0.00
ENSG00000235595	0.00	0.00
ENSG00000235596	0.25	0.00
ENSG00000235598	0.00	0.00
ENSG00000235600	0.00	0.00
ENSG00000235602	2.75	1.50
ENSG00000235605	0.50	0.00
ENSG00000235606	0.00	0.00
ENSG00000235608	0.00	0.00
ENSG00000235613	0.75	0.25
ENSG00000235616	0.00	0.00
ENSG00000235617	0.00	0.00
ENSG00000235618	28.25	26.25
ENSG00000235619	0.00	0.00
ENSG00000235623	0.00	0.00
ENSG00000235626	0.00	0.00
ENSG00000235627	0.00	0.00
ENSG00000235630	0.00	0.00
ENSG00000235631	0.00	1.25
ENSG00000235632	0.00	0.00
ENSG00000235636	0.00	0.00

ENSG00000235638	0.00	0.00
ENSG00000235639	0.00	0.00
ENSG00000235640	0.00	0.00
ENSG00000235642	0.00	0.00
ENSG00000235644	0.00	0.00
ENSG00000235646	0.00	0.00
ENSG00000235647	0.00	0.00
ENSG00000235649	63.00	28.75
ENSG00000235650	4454.25	3999.00
ENSG00000235651	0.00	0.75
ENSG00000235653	0.00	0.00
ENSG00000235655	422.75	325.00
ENSG00000235656	0.00	0.00
ENSG00000235657	249.00	117.75
ENSG00000235658	33.50	18.00
ENSG00000235661	0.00	0.00
ENSG00000235666	0.00	0.00
ENSG00000235670	0.00	0.00
ENSG00000235672	0.00	0.00
ENSG00000235673	0.00	0.00
ENSG00000235674	0.75	2.50
ENSG00000235676	63.50	57.00
ENSG00000235677	4.25	4.50
ENSG00000235678	0.00	0.00
ENSG00000235679	0.00	0.00
ENSG00000235680	0.25	0.25
ENSG00000235681	6.50	3.75
ENSG00000235683	14.25	18.50
ENSG00000235684	0.00	0.00
ENSG00000235685	0.00	0.00
ENSG00000235686	0.50	0.00
ENSG00000235689	0.00	0.00
ENSG00000235690	0.25	0.00
ENSG00000235691	0.00	0.00
ENSG00000235692	47.25	49.25
ENSG00000235695	0.00	0.25
ENSG00000235696	67.25	60.25
ENSG00000235697	0.00	0.00
ENSG00000235698	0.25	0.25
ENSG00000235700	1.00	1.50
ENSG00000235701	1.00	0.50
ENSG00000235705	0.25	0.00
ENSG00000235707	0.00	0.00

ENSG00000235708	1.75	0.25
ENSG00000235711	0.75	0.00
ENSG00000235712	6.50	6.00
ENSG00000235713	0.00	0.00
ENSG00000235714	0.00	0.00
ENSG00000235715	27.00	104.75
ENSG00000235716	0.00	0.00
ENSG00000235718	0.00	0.50
ENSG00000235719	0.00	0.00
ENSG00000235720	0.00	0.00
ENSG00000235721	0.75	0.25
ENSG00000235729	0.00	0.00
ENSG00000235730	0.00	0.00
ENSG00000235734	0.00	0.00
ENSG00000235735	0.00	0.00
ENSG00000235737	0.00	0.00
ENSG00000235738	0.00	0.00
ENSG00000235742	0.00	0.00
ENSG00000235744	1.50	0.75
ENSG00000235746	0.00	0.00
ENSG00000235748	0.25	0.00
ENSG00000235750	49.25	125.00
ENSG00000235754	6.25	3.75
ENSG00000235756	0.00	0.00
ENSG00000235757	0.00	0.00
ENSG00000235758	78.75	105.75
ENSG00000235759	0.00	0.00
ENSG00000235761	0.00	0.00
ENSG00000235763	0.25	0.25
ENSG00000235764	0.00	0.00
ENSG00000235768	0.25	0.00
ENSG00000235769	0.00	0.00
ENSG00000235773	23.00	14.25
ENSG00000235775	0.00	0.00
ENSG00000235776	2.25	1.75
ENSG00000235778	0.25	0.00
ENSG00000235780	0.00	0.00
ENSG00000235784	0.00	0.00
ENSG00000235787	0.25	0.00
ENSG00000235794	0.00	0.00
ENSG00000235797	0.00	0.00
ENSG00000235803	0.00	0.00
ENSG00000235804	0.00	0.00

ENSG00000235805	0.00	0.00
ENSG00000235808	0.00	0.50
ENSG00000235809	0.00	0.00
ENSG00000235810	0.00	0.00
ENSG00000235811	0.00	0.00
ENSG00000235812	1.00	0.50
ENSG00000235816	0.00	0.00
ENSG00000235817	0.00	0.00
ENSG00000235818	0.00	0.00
ENSG00000235821	2.25	2.00
ENSG00000235825	0.50	0.00
ENSG00000235827	0.00	0.00
ENSG00000235828	0.25	0.00
ENSG00000235829	0.25	0.00
ENSG00000235832	0.00	0.00
ENSG00000235833	0.75	0.75
ENSG00000235836	0.00	0.00
ENSG00000235838	3.25	1.75
ENSG00000235844	5.50	4.75
ENSG00000235847	0.50	1.25
ENSG00000235855	0.00	0.00
ENSG00000235857	0.00	0.00
ENSG00000235859	28.75	24.50
ENSG00000235861	0.00	0.00
ENSG00000235863	47.25	43.75
ENSG00000235864	0.00	0.25
ENSG00000235868	0.00	0.00
ENSG00000235869	0.00	0.25
ENSG00000235871	0.00	0.00
ENSG00000235876	0.00	0.00
ENSG00000235877	0.00	0.00
ENSG00000235879	0.00	0.00
ENSG00000235892	0.00	0.00
ENSG00000235893	12.25	7.25
ENSG00000235895	0.00	0.00
ENSG00000235901	0.00	0.00
ENSG00000235905	0.00	0.00
ENSG00000235907	0.75	0.50
ENSG00000235912	0.25	0.25
ENSG00000235915	1.00	0.25
ENSG00000235916	0.00	0.00
ENSG00000235917	0.50	0.25
ENSG00000235920	0.00	0.25

ENSG00000235922	0.00	0.00
ENSG00000235923	0.00	0.00
ENSG00000235924	0.25	0.00
ENSG00000235925	0.00	0.00
ENSG00000235926	0.00	0.00
ENSG00000235929	0.00	0.00
ENSG00000235930	0.00	0.00
ENSG00000235932	0.25	0.25
ENSG00000235937	0.00	0.50
ENSG00000235940	0.00	0.00
ENSG00000235941	1306.75	1068.50
ENSG00000235942	0.00	0.00
ENSG00000235944	45.00	31.00
ENSG00000235945	0.25	0.00
ENSG00000235946	15.75	6.00
ENSG00000235951	0.00	0.00
ENSG00000235952	302.00	238.25
ENSG00000235955	0.25	0.25
ENSG00000235956	23.50	15.50
ENSG00000235957	0.00	0.00
ENSG00000235959	3.50	1.00
ENSG00000235960	0.00	0.00
ENSG00000235961	75.50	46.50
ENSG00000235962	0.25	0.00
ENSG00000235963	0.00	0.00
ENSG00000235964	0.00	0.00
ENSG00000235966	0.00	0.00
ENSG00000235967	0.00	0.00
ENSG00000235968	0.00	0.00
ENSG00000235969	0.00	0.00
ENSG00000235974	1.25	0.25
ENSG00000235975	0.00	0.00
ENSG00000235976	0.00	0.00
ENSG00000235981	0.00	0.00
ENSG00000235985	0.00	0.00
ENSG00000235986	53.25	36.25
ENSG00000235988	0.00	0.00
ENSG00000235990	0.00	0.00
ENSG00000235991	0.00	0.00
ENSG00000235992	0.00	0.00
ENSG00000235993	0.00	0.00
ENSG00000235995	0.00	0.00
ENSG00000235998	0.00	0.00

ENSG00000236004	0.00	0.00
ENSG00000236005	0.00	0.00
ENSG00000236007	0.00	0.00
ENSG00000236011	18.50	27.00
ENSG00000236012	0.00	0.00
ENSG00000236014	132.25	140.00
ENSG00000236015	12.75	9.75
ENSG00000236018	0.50	0.25
ENSG00000236025	0.00	0.00
ENSG00000236026	0.00	0.00
ENSG00000236027	0.00	0.00
ENSG00000236032	0.00	0.00
ENSG00000236033	1.25	2.00
ENSG00000236035	0.50	0.25
ENSG00000236040	0.25	0.00
ENSG00000236041	0.00	0.00
ENSG00000236042	0.00	0.00
ENSG00000236044	0.25	0.00
ENSG00000236047	2.75	0.50
ENSG00000236048	0.00	0.25
ENSG00000236056	1.25	0.00
ENSG00000236058	2.25	2.25
ENSG00000236060	0.25	1.25
ENSG00000236062	0.00	0.00
ENSG00000236063	63.50	57.00
ENSG00000236068	0.00	0.00
ENSG00000236070	0.00	0.00
ENSG00000236072	0.00	0.00
ENSG00000236073	0.00	0.25
ENSG00000236077	0.00	0.00
ENSG00000236079	0.00	0.00
ENSG00000236080	0.00	0.00
ENSG00000236083	18.50	17.50
ENSG00000236085	0.25	0.25
ENSG00000236086	0.75	0.50
ENSG00000236090	0.25	0.75
ENSG00000236093	0.00	0.00
ENSG00000236097	0.00	0.00
ENSG00000236099	0.00	0.00
ENSG00000236100	0.00	0.00
ENSG00000236101	0.00	0.00
ENSG00000236104	131.25	59.00
ENSG00000236105	0.00	0.00

ENSG00000236108	1.00	0.00
ENSG00000236110	0.00	0.00
ENSG00000236111	0.00	0.00
ENSG00000236113	0.00	0.00
ENSG00000236114	3.50	3.50
ENSG00000236118	0.00	0.00
ENSG00000236121	0.00	0.00
ENSG00000236122	0.00	0.00
ENSG00000236123	2.00	0.75
ENSG00000236124	0.00	0.00
ENSG00000236125	0.00	0.00
ENSG00000236126	0.00	0.00
ENSG00000236131	0.00	0.00
ENSG00000236132	0.25	0.00
ENSG00000236136	1.50	4.00
ENSG00000236138	8.75	8.25
ENSG00000236146	0.50	0.00
ENSG00000236148	0.50	0.00
ENSG00000236149	260.50	247.75
ENSG00000236152	0.00	0.00
ENSG00000236155	5.00	4.00
ENSG00000236156	0.00	0.75
ENSG00000236158	0.00	0.00
ENSG00000236159	0.25	0.00
ENSG00000236160	0.00	0.00
ENSG00000236165	0.50	0.00
ENSG00000236167	0.00	0.00
ENSG00000236168	0.00	0.00
ENSG00000236170	0.00	0.00
ENSG00000236171	0.00	0.00
ENSG00000236175	0.00	1.50
ENSG00000236177	6.50	8.00
ENSG00000236178	7.50	4.75
ENSG00000236179	0.00	0.00
ENSG00000236180	0.50	0.25
ENSG00000236182	0.00	0.50
ENSG00000236183	0.00	0.00
ENSG00000236184	5.25	3.25
ENSG00000236185	0.00	0.00
ENSG00000236187	0.00	0.00
ENSG00000236189	0.25	0.00
ENSG00000236190	0.00	0.00
ENSG00000236191	0.00	0.00

ENSG00000236195	0.00	0.00
ENSG00000236196	58.75	46.50
ENSG00000236203	0.00	0.00
ENSG00000236205	0.00	0.00
ENSG00000236210	0.00	0.00
ENSG00000236211	0.00	0.00
ENSG00000236216	0.00	0.00
ENSG00000236217	0.00	0.00
ENSG00000236221	1.25	0.50
ENSG00000236222	278.25	238.75
ENSG00000236225	0.00	0.00
ENSG00000236227	51.75	33.00
ENSG00000236229	0.00	0.00
ENSG00000236232	0.00	0.00
ENSG00000236235	0.00	0.00
ENSG00000236236	848.75	622.25
ENSG00000236237	0.00	0.00
ENSG00000236238	0.00	0.25
ENSG00000236241	0.00	0.00
ENSG00000236243	0.00	0.00
ENSG00000236246	0.00	0.00
ENSG00000236248	0.00	0.00
ENSG00000236250	54.25	46.25
ENSG00000236251	26.75	27.50
ENSG00000236252	2.00	1.75
ENSG00000236253	0.00	0.00
ENSG00000236254	0.00	0.25
ENSG00000236257	0.00	0.00
ENSG00000236258	0.00	0.00
ENSG00000236259	0.50	0.50
ENSG00000236261	0.00	0.00
ENSG00000236264	1.50	0.75
ENSG00000236265	0.00	0.00
ENSG00000236271	120.25	123.00
ENSG00000236273	0.00	0.00
ENSG00000236274	0.00	0.00
ENSG00000236277	0.00	0.00
ENSG00000236278	0.00	0.00
ENSG00000236279	0.75	0.00
ENSG00000236280	0.00	0.25
ENSG00000236281	0.00	0.00
ENSG00000236284	0.00	0.00
ENSG00000236285	0.25	1.00

ENSG00000236287	1053.00	817.25
ENSG00000236290	0.50	0.00
ENSG00000236296	15.25	17.00
ENSG00000236297	5.00	2.25
ENSG00000236300	0.00	0.00
ENSG00000236307	0.00	0.00
ENSG00000236309	0.00	0.00
ENSG00000236312	0.00	0.00
ENSG00000236313	0.00	0.00
ENSG00000236315	0.00	0.00
ENSG00000236316	0.00	0.00
ENSG00000236317	0.25	0.50
ENSG00000236319	1.00	0.25
ENSG00000236320	0.25	0.25
ENSG00000236323	0.00	0.00
ENSG00000236325	0.25	0.00
ENSG00000236327	0.00	0.00
ENSG00000236330	0.75	0.25
ENSG00000236334	11.50	6.50
ENSG00000236339	0.00	0.00
ENSG00000236342	135.00	74.50
ENSG00000236343	0.00	0.00
ENSG00000236346	58.75	46.50
ENSG00000236348	0.00	0.00
ENSG00000236349	0.25	0.25
ENSG00000236353	27.25	15.25
ENSG00000236357	0.00	0.00
ENSG00000236359	0.00	0.00
ENSG00000236360	0.50	0.50
ENSG00000236362	0.00	0.00
ENSG00000236365	0.00	0.00
ENSG00000236369	0.00	0.00
ENSG00000236371	0.00	0.00
ENSG00000236374	0.00	0.00
ENSG00000236375	0.75	0.00
ENSG00000236379	0.00	0.00
ENSG00000236380	0.00	0.00
ENSG00000236382	0.00	0.00
ENSG00000236386	0.00	0.00
ENSG00000236391	0.00	0.00
ENSG00000236395	0.00	0.00
ENSG00000236396	0.00	0.00
ENSG00000236397	43.50	44.25

ENSG00000236398	0.00	0.00
ENSG00000236399	0.00	0.00
ENSG00000236400	0.00	0.00
ENSG00000236401	0.00	0.00
ENSG00000236405	0.00	0.00
ENSG00000236407	0.00	0.00
ENSG00000236409	1.00	0.75
ENSG00000236411	4.50	3.50
ENSG00000236413	0.00	0.00
ENSG00000236415	0.25	0.00
ENSG00000236417	0.00	0.25
ENSG00000236418	145.25	119.25
ENSG00000236420	0.00	0.00
ENSG00000236422	0.00	0.00
ENSG00000236424	0.00	0.00
ENSG00000236425	0.00	0.00
ENSG00000236428	40.75	31.50
ENSG00000236429	0.00	0.00
ENSG00000236430	0.00	0.50
ENSG00000236431	10.75	8.00
ENSG00000236433	0.00	0.00
ENSG00000236435	0.00	0.00
ENSG00000236438	191.75	91.25
ENSG00000236439	6.25	3.50
ENSG00000236440	0.00	0.00
ENSG00000236441	0.00	0.00
ENSG00000236442	0.00	0.00
ENSG00000236443	68.50	40.75
ENSG00000236444	0.00	0.00
ENSG00000236446	0.00	0.00
ENSG00000236450	0.00	0.00
ENSG00000236456	0.25	0.00
ENSG00000236459	0.00	0.00
ENSG00000236460	0.00	0.00
ENSG00000236468	0.75	0.50
ENSG00000236473	0.00	0.00
ENSG00000236474	0.00	0.00
ENSG00000236475	0.00	0.00
ENSG00000236476	0.00	0.00
ENSG00000236477	0.00	0.00
ENSG00000236478	1.00	0.75
ENSG00000236480	0.00	0.75
ENSG00000236483	0.00	0.25

ENSG00000236484	0.25	0.25
ENSG00000236487	0.00	0.00
ENSG00000236488	0.00	0.00
ENSG00000236489	1.50	0.75
ENSG00000236490	400.00	365.00
ENSG00000236491	0.50	0.00
ENSG00000236493	3.75	4.00
ENSG00000236496	1.00	1.75
ENSG00000236500	0.00	0.00
ENSG00000236503	0.00	0.00
ENSG00000236504	0.00	0.00
ENSG00000236505	0.00	0.00
ENSG00000236509	0.50	0.25
ENSG00000236512	0.25	1.25
ENSG00000236515	134.00	111.50
ENSG00000236516	1.50	1.25
ENSG00000236521	0.00	0.00
ENSG00000236523	4.25	4.25
ENSG00000236527	0.25	0.00
ENSG00000236529	1.25	1.75
ENSG00000236530	0.00	0.25
ENSG00000236533	0.25	0.50
ENSG00000236534	0.25	0.00
ENSG00000236538	0.00	0.00
ENSG00000236539	68.25	62.25
ENSG00000236541	0.00	0.00
ENSG00000236542	1.00	0.00
ENSG00000236547	0.00	0.00
ENSG00000236549	0.00	0.00
ENSG00000236550	0.00	0.00
ENSG00000236552	25.25	21.25
ENSG00000236554	0.25	0.25
ENSG00000236555	0.00	0.00
ENSG00000236560	189.75	94.50
ENSG00000236561	0.00	0.00
ENSG00000236562	0.25	0.25
ENSG00000236564	6.25	6.25
ENSG00000236565	0.25	0.25
ENSG00000236567	0.25	0.25
ENSG00000236569	0.00	0.00
ENSG00000236570	0.50	0.00
ENSG00000236571	0.00	0.00
ENSG00000236574	0.00	0.00

ENSG00000236576	0.25	0.75
ENSG00000236577	1.25	1.00
ENSG00000236580	0.00	0.00
ENSG00000236582	0.00	0.75
ENSG00000236583	0.50	0.00
ENSG00000236590	0.00	0.00
ENSG00000236592	0.00	0.00
ENSG00000236594	0.00	0.00
ENSG00000236595	0.00	0.00
ENSG00000236596	0.00	0.00
ENSG00000236597	0.00	0.00
ENSG00000236599	0.00	0.00
ENSG00000236603	0.00	0.00
ENSG00000236604	0.00	0.00
ENSG00000236606	0.00	0.00
ENSG00000236607	0.00	0.00
ENSG00000236608	0.00	0.00
ENSG00000236609	213.25	146.25
ENSG00000236610	0.00	0.00
ENSG00000236612	0.00	0.00
ENSG00000236614	0.00	0.00
ENSG00000236615	0.00	0.00
ENSG00000236616	0.75	0.50
ENSG00000236619	2.25	1.50
ENSG00000236620	0.00	0.00
ENSG00000236621	0.00	0.00
ENSG00000236625	29.00	13.00
ENSG00000236626	0.00	0.00
ENSG00000236629	0.00	0.00
ENSG00000236632	1611.75	1839.50
ENSG00000236636	0.00	0.00
ENSG00000236637	0.00	0.00
ENSG00000236638	0.00	0.00
ENSG00000236642	0.00	0.00
ENSG00000236646	0.00	0.00
ENSG00000236647	0.00	0.00
ENSG00000236649	45.00	46.75
ENSG00000236654	0.00	0.00
ENSG00000236655	0.00	0.00
ENSG00000236660	0.00	0.00
ENSG00000236667	0.00	0.00
ENSG00000236670	4.75	4.50
ENSG00000236672	0.00	0.00

ENSG00000236674	0.00	0.00
ENSG00000236675	7.00	7.25
ENSG00000236679	0.00	1.00
ENSG00000236680	0.75	0.50
ENSG00000236681	0.00	0.00
ENSG00000236683	5.50	1.75
ENSG00000236686	0.00	0.00
ENSG00000236688	0.00	0.00
ENSG00000236689	0.00	0.00
ENSG00000236690	0.00	0.00
ENSG00000236691	0.00	0.00
ENSG00000236692	0.00	0.00
ENSG00000236693	1.50	1.25
ENSG00000236695	0.00	0.25
ENSG00000236697	17.50	16.50
ENSG00000236698	36.50	45.25
ENSG00000236699	5.75	2.75
ENSG00000236701	0.00	0.00
ENSG00000236704	0.00	0.00
ENSG00000236706	1.00	0.00
ENSG00000236710	1.75	4.00
ENSG00000236712	0.00	0.00
ENSG00000236713	0.00	0.25
ENSG00000236718	0.00	0.00
ENSG00000236722	0.50	0.75
ENSG00000236727	0.00	0.00
ENSG00000236731	0.00	0.00
ENSG00000236732	0.25	0.75
ENSG00000236735	1.25	0.50
ENSG00000236736	0.00	0.00
ENSG00000236737	0.00	0.00
ENSG00000236739	0.75	0.00
ENSG00000236741	0.75	0.25
ENSG00000236745	0.25	0.00
ENSG00000236746	0.00	0.25
ENSG00000236748	0.00	0.00
ENSG00000236750	0.25	0.00
ENSG00000236759	64.00	29.75
ENSG00000236761	0.00	0.00
ENSG00000236762	0.25	0.25
ENSG00000236763	0.00	0.00
ENSG00000236764	0.00	0.00
ENSG00000236765	19.50	34.00

ENSG00000236768	0.25	0.25
ENSG00000236770	0.00	0.00
ENSG00000236771	0.00	0.00
ENSG00000236773	0.00	0.25
ENSG00000236775	0.00	0.00
ENSG00000236776	1.50	1.00
ENSG00000236777	0.00	0.00
ENSG00000236779	0.25	0.00
ENSG00000236782	4.00	7.25
ENSG00000236783	0.00	0.00
ENSG00000236785	0.00	0.00
ENSG00000236786	0.00	0.00
ENSG00000236791	0.00	0.00
ENSG00000236792	0.00	0.00
ENSG00000236794	0.25	0.00
ENSG00000236796	0.25	0.00
ENSG00000236797	1.75	1.25
ENSG00000236798	0.25	0.75
ENSG00000236801	1.50	6.25
ENSG00000236802	33.75	39.75
ENSG00000236803	0.00	0.00
ENSG00000236804	0.00	0.00
ENSG00000236806	0.50	0.00
ENSG00000236807	0.00	0.00
ENSG00000236808	23.25	18.25
ENSG00000236809	2.25	1.50
ENSG00000236811	1.00	0.25
ENSG00000236813	0.00	0.00
ENSG00000236814	0.25	0.00
ENSG00000236816	0.00	0.00
ENSG00000236818	0.00	0.00
ENSG00000236825	0.00	0.00
ENSG00000236826	31.00	28.50
ENSG00000236829	16.00	13.25
ENSG00000236831	0.00	0.00
ENSG00000236832	0.00	0.00
ENSG00000236843	23.00	14.25
ENSG00000236844	0.25	0.25
ENSG00000236847	1.75	2.50
ENSG00000236848	0.00	0.25
ENSG00000236851	0.00	0.00
ENSG00000236852	0.25	0.00
ENSG00000236853	1.00	0.25

ENSG00000236857	1.00	0.25
ENSG00000236860	0.00	0.00
ENSG00000236862	0.25	0.00
ENSG00000236863	0.00	0.00
ENSG00000236867	0.25	0.50
ENSG00000236870	0.00	0.00
ENSG00000236872	0.25	0.00
ENSG00000236873	158.75	170.75
ENSG00000236875	1.25	0.75
ENSG00000236876	0.75	1.00
ENSG00000236877	0.00	0.25
ENSG00000236878	0.00	0.25
ENSG00000236880	0.00	0.00
ENSG00000236881	0.00	0.00
ENSG00000236884	0.00	0.00
ENSG00000236887	0.50	0.00
ENSG00000236888	0.25	0.00
ENSG00000236890	0.50	0.25
ENSG00000236893	0.00	0.00
ENSG00000236895	35.75	22.75
ENSG00000236898	0.00	0.00
ENSG00000236900	0.00	0.25
ENSG00000236902	0.25	0.25
ENSG00000236905	0.50	0.25
ENSG00000236907	0.00	0.00
ENSG00000236909	0.00	0.00
ENSG00000236910	0.00	0.00
ENSG00000236913	0.00	0.00
ENSG00000236917	0.00	0.00
ENSG00000236918	0.00	0.00
ENSG00000236919	0.00	0.00
ENSG00000236925	0.00	0.00
ENSG00000236926	0.00	0.00
ENSG00000236927	0.00	0.00
ENSG00000236928	0.75	0.00
ENSG00000236929	0.00	0.00
ENSG00000236930	0.00	0.00
ENSG00000236932	0.00	0.00
ENSG00000236937	0.25	0.50
ENSG00000236940	0.00	0.00
ENSG00000236941	0.00	0.25
ENSG00000236942	0.25	0.25
ENSG00000236944	0.00	0.00

ENSG00000236946	0.00	0.00
ENSG00000236949	22.25	18.25
ENSG00000236956	0.00	0.00
ENSG00000236957	0.00	0.00
ENSG00000236959	0.00	0.00
ENSG00000236960	0.00	0.00
ENSG00000236965	0.00	0.00
ENSG00000236966	0.00	0.00
ENSG00000236967	1.00	6.25
ENSG00000236969	0.00	0.00
ENSG00000236971	0.00	0.00
ENSG00000236972	0.00	0.00
ENSG00000236973	0.00	0.50
ENSG00000236976	0.25	0.25
ENSG00000236978	0.00	0.00
ENSG00000236979	0.00	0.00
ENSG00000236980	0.00	0.00
ENSG00000236981	0.00	0.00
ENSG00000236982	0.00	0.00
ENSG00000236987	0.00	0.00
ENSG00000236988	2.50	1.50
ENSG00000236992	0.75	0.75
ENSG00000236993	1.00	0.50
ENSG00000236994	0.00	0.00
ENSG00000236998	0.00	0.50
ENSG00000237000	0.00	0.00
ENSG00000237003	0.00	0.00
ENSG00000237004	1.50	2.00
ENSG00000237005	0.00	0.00
ENSG00000237007	0.25	0.25
ENSG00000237008	0.00	0.00
ENSG00000237012	17.25	16.00
ENSG00000237014	0.00	0.00
ENSG00000237016	0.00	0.00
ENSG00000237020	0.00	0.00
ENSG00000237022	2569.50	2244.00
ENSG00000237023	1.00	0.25
ENSG00000237024	0.00	0.00
ENSG00000237025	0.25	0.25
ENSG00000237026	0.00	0.00
ENSG00000237032	0.25	0.00
ENSG00000237033	0.00	0.00
ENSG00000237034	0.00	0.00

ENSG00000237038	0.00	0.00
ENSG00000237039	1.50	0.25
ENSG00000237040	0.00	0.00
ENSG00000237041	0.00	0.00
ENSG00000237042	0.00	0.00
ENSG00000237043	0.00	0.00
ENSG00000237046	0.00	0.00
ENSG00000237049	0.00	0.00
ENSG00000237051	7.50	8.75
ENSG00000237052	17.50	16.50
ENSG00000237053	0.00	0.00
ENSG00000237055	0.00	0.00
ENSG00000237056	25.50	43.50
ENSG00000237064	0.25	0.00
ENSG00000237065	0.00	0.00
ENSG00000237068	0.00	0.00
ENSG00000237071	7.25	2.50
ENSG00000237072	0.25	0.00
ENSG00000237077	0.00	0.00
ENSG00000237082	0.00	0.50
ENSG00000237083	0.00	0.25
ENSG00000237085	0.00	0.00
ENSG00000237088	0.25	0.00
ENSG00000237089	0.00	0.00
ENSG00000237090	0.00	0.00
ENSG00000237095	173.00	146.50
ENSG00000237098	0.00	0.00
ENSG00000237099	0.00	0.00
ENSG00000237100	17.25	16.00
ENSG00000237103	0.00	0.00
ENSG00000237106	0.00	0.00
ENSG00000237107	0.00	0.25
ENSG00000237109	0.00	0.00
ENSG00000237110	0.00	0.00
ENSG00000237111	0.00	0.00
ENSG00000237112	25.00	30.00
ENSG00000237114	0.50	0.75
ENSG00000237115	0.00	0.50
ENSG00000237118	14.00	11.25
ENSG00000237120	0.00	0.00
ENSG00000237121	0.00	0.00
ENSG00000237122	0.00	0.00
ENSG00000237123	1.00	0.00

ENSG00000237124	0.00	0.00
ENSG00000237127	0.00	0.00
ENSG00000237129	0.00	0.00
ENSG00000237130	0.00	0.00
ENSG00000237131	0.00	0.00
ENSG00000237135	5.75	6.25
ENSG00000237136	0.50	0.00
ENSG00000237137	0.00	0.00
ENSG00000237139	0.25	0.00
ENSG00000237140	0.00	0.00
ENSG00000237141	0.00	0.00
ENSG00000237145	0.00	0.00
ENSG00000237148	0.00	0.00
ENSG00000237154	1.50	0.75
ENSG00000237155	63.50	28.25
ENSG00000237156	0.00	0.00
ENSG00000237158	0.00	0.00
ENSG00000237160	0.00	0.00
ENSG00000237161	2.00	0.25
ENSG00000237162	0.50	0.25
ENSG00000237163	0.00	0.00
ENSG00000237164	0.50	0.00
ENSG00000237165	0.00	0.00
ENSG00000237169	1.25	0.50
ENSG00000237170	0.00	0.00
ENSG00000237171	0.00	0.00
ENSG00000237172	1112.25	734.75
ENSG00000237173	0.00	0.00
ENSG00000237175	0.00	0.00
ENSG00000237176	1.00	0.25
ENSG00000237178	0.00	0.25
ENSG00000237180	0.00	0.00
ENSG00000237182	0.00	0.00
ENSG00000237183	0.00	0.00
ENSG00000237185	0.00	0.00
ENSG00000237186	0.00	0.00
ENSG00000237190	207.25	248.00
ENSG00000237192	0.00	0.00
ENSG00000237193	0.00	0.00
ENSG00000237194	0.00	0.00
ENSG00000237195	0.00	0.00
ENSG00000237197	0.00	0.00
ENSG00000237202	0.00	0.00

ENSG00000237205	0.00	0.00
ENSG00000237206	0.50	0.25
ENSG00000237207	0.25	0.00
ENSG00000237210	0.25	0.00
ENSG00000237211	0.00	0.00
ENSG00000237213	0.00	0.25
ENSG00000237214	1.00	0.50
ENSG00000237215	0.00	0.00
ENSG00000237216	0.00	0.00
ENSG00000237217	0.00	0.00
ENSG00000237218	0.00	0.00
ENSG00000237223	2.75	2.75
ENSG00000237225	0.00	0.00
ENSG00000237226	0.00	0.00
ENSG00000237227	0.00	0.00
ENSG00000237230	0.00	0.00
ENSG00000237235	0.00	0.00
ENSG00000237236	0.00	0.00
ENSG00000237238	29.25	23.00
ENSG00000237242	0.00	0.00
ENSG00000237247	0.00	1.50
ENSG00000237249	0.00	0.00
ENSG00000237251	0.00	0.00
ENSG00000237252	0.00	0.00
ENSG00000237254	0.00	0.00
ENSG00000237256	0.00	0.00
ENSG00000237257	0.00	0.00
ENSG00000237258	0.00	0.25
ENSG00000237260	0.25	0.50
ENSG00000237263	0.00	0.00
ENSG00000237264	11.75	9.50
ENSG00000237268	0.00	0.00
ENSG00000237269	0.00	0.00
ENSG00000237272	0.00	0.00
ENSG00000237273	0.50	1.00
ENSG00000237274	0.00	0.00
ENSG00000237275	0.00	0.00
ENSG00000237276	9.50	15.75
ENSG00000237278	0.00	0.00
ENSG00000237279	0.00	0.00
ENSG00000237284	0.00	0.00
ENSG00000237285	0.00	0.00
ENSG00000237289	0.00	0.25

ENSG00000237294	0.00	0.00
ENSG00000237295	0.00	0.00
ENSG00000237296	161.75	161.75
ENSG00000237297	0.00	0.00
ENSG00000237299	0.00	0.00
ENSG00000237300	0.00	0.00
ENSG00000237302	0.00	0.00
ENSG00000237303	0.00	0.00
ENSG00000237306	0.25	0.25
ENSG00000237307	0.25	0.50
ENSG00000237308	0.00	0.00
ENSG00000237309	0.00	0.00
ENSG00000237313	0.00	0.00
ENSG00000237314	0.00	0.00
ENSG00000237317	0.00	0.00
ENSG00000237319	0.00	0.00
ENSG00000237322	1.25	0.50
ENSG00000237323	0.00	0.00
ENSG00000237325	0.00	0.00
ENSG00000237329	0.00	0.00
ENSG00000237330	1.50	0.50
ENSG00000237333	28.75	8.75
ENSG00000237334	0.00	0.00
ENSG00000237335	51.50	51.25
ENSG00000237344	73.50	50.25
ENSG00000237345	0.00	0.00
ENSG00000237347	0.25	0.00
ENSG00000237349	0.00	0.00
ENSG00000237350	1.00	0.00
ENSG00000237351	0.50	0.25
ENSG00000237353	2.50	4.25
ENSG00000237354	0.00	0.00
ENSG00000237358	0.00	0.00
ENSG00000237360	0.00	0.00
ENSG00000237363	0.00	0.00
ENSG00000237366	0.00	0.00
ENSG00000237369	0.00	0.00
ENSG00000237379	0.00	0.00
ENSG00000237381	0.00	0.00
ENSG00000237382	0.00	0.00
ENSG00000237383	0.00	0.00
ENSG00000237388	0.00	0.00
ENSG00000237395	0.00	0.00

ENSG00000237398	0.00	0.00
ENSG00000237403	129.50	126.50
ENSG00000237405	7.25	4.75
ENSG00000237406	0.00	0.00
ENSG00000237408	0.00	0.00
ENSG00000237409	1.25	0.00
ENSG00000237412	0.00	0.00
ENSG00000237415	0.00	0.00
ENSG00000237417	0.00	0.25
ENSG00000237418	3.00	1.25
ENSG00000237421	0.00	0.00
ENSG00000237425	0.00	0.25
ENSG00000237426	3.25	1.25
ENSG00000237427	0.00	0.00
ENSG00000237428	0.00	0.00
ENSG00000237432	0.00	0.00
ENSG00000237433	0.00	0.00
ENSG00000237434	0.00	0.00
ENSG00000237437	1.75	1.75
ENSG00000237439	0.00	0.00
ENSG00000237440	90.25	67.25
ENSG00000237441	148.00	141.25
ENSG00000237442	0.00	0.25
ENSG00000237443	0.00	0.00
ENSG00000237444	0.00	0.00
ENSG00000237446	0.00	0.00
ENSG00000237447	0.00	0.00
ENSG00000237448	2.75	2.50
ENSG00000237449	0.00	0.00
ENSG00000237450	0.00	0.00
ENSG00000237451	0.75	0.00
ENSG00000237452	0.00	0.00
ENSG00000237456	0.00	0.00
ENSG00000237458	0.00	0.00
ENSG00000237459	0.50	0.25
ENSG00000237462	17.50	16.00
ENSG00000237466	0.00	0.00
ENSG00000237467	0.00	0.00
ENSG00000237469	0.00	0.00
ENSG00000237470	0.00	0.25
ENSG00000237472	0.00	0.00
ENSG00000237475	0.25	0.00
ENSG00000237478	0.00	0.00

ENSG00000237482	0.00	0.00
ENSG00000237483	0.00	0.00
ENSG00000237487	0.00	0.00
ENSG00000237490	0.00	0.00
ENSG00000237492	0.00	0.00
ENSG00000237493	0.50	0.50
ENSG00000237495	4.00	3.50
ENSG00000237501	0.00	0.00
ENSG00000237503	0.00	0.00
ENSG00000237506	0.25	2.75
ENSG00000237508	8.50	5.75
ENSG00000237510	1.00	2.00
ENSG00000237514	0.00	0.00
ENSG00000237515	87.75	74.00
ENSG00000237521	0.00	0.00
ENSG00000237522	10.00	7.25
ENSG00000237528	0.00	0.00
ENSG00000237536	0.00	0.00
ENSG00000237539	0.00	0.00
ENSG00000237540	0.75	0.50
ENSG00000237541	0.00	0.00
ENSG00000237542	0.00	0.00
ENSG00000237544	0.00	0.00
ENSG00000237545	0.00	0.00
ENSG00000237546	0.00	0.00
ENSG00000237547	0.00	0.00
ENSG00000237549	0.00	0.00
ENSG00000237550	3288.00	2858.25
ENSG00000237551	0.00	0.25
ENSG00000237553	0.00	0.00
ENSG00000237554	0.00	0.00
ENSG00000237555	0.00	0.00
ENSG00000237557	0.25	0.00
ENSG00000237558	0.00	0.00
ENSG00000237559	0.00	0.00
ENSG00000237565	0.00	0.00
ENSG00000237566	0.00	0.00
ENSG00000237569	0.00	0.00
ENSG00000237572	0.00	0.00
ENSG00000237575	2.00	3.00
ENSG00000237580	12.00	13.50
ENSG00000237582	0.25	0.00
ENSG00000237583	0.00	0.00

ENSG00000237584	0.00	0.25
ENSG00000237586	1.00	1.00
ENSG00000237589	0.00	0.00
ENSG00000237591	0.00	0.00
ENSG00000237592	0.00	0.00
ENSG00000237593	0.00	0.00
ENSG00000237599	200.25	109.50
ENSG00000237601	0.00	0.00
ENSG00000237603	0.00	0.00
ENSG00000237606	0.00	0.00
ENSG00000237608	0.00	0.00
ENSG00000237610	0.00	0.00
ENSG00000237616	0.00	0.00
ENSG00000237617	0.00	0.00
ENSG00000237618	0.00	0.00
ENSG00000237619	0.00	0.00
ENSG00000237620	0.00	0.00
ENSG00000237621	0.00	0.00
ENSG00000237622	0.00	0.00
ENSG00000237623	0.00	0.00
ENSG00000237624	23.00	33.75
ENSG00000237628	0.00	0.00
ENSG00000237629	0.25	0.00
ENSG00000237630	0.00	0.00
ENSG00000237631	0.00	0.25
ENSG00000237632	0.25	0.75
ENSG00000237634	0.00	0.00
ENSG00000237635	0.00	0.00
ENSG00000237636	0.00	0.00
ENSG00000237639	0.00	0.00
ENSG00000237641	10.50	7.50
ENSG00000237642	0.00	0.00
ENSG00000237645	0.00	0.00
ENSG00000237649	1.00	1.75
ENSG00000237650	0.00	0.00
ENSG00000237651	245.75	184.75
ENSG00000237653	0.00	0.00
ENSG00000237659	2.25	3.00
ENSG00000237661	0.00	0.00
ENSG00000237662	0.00	0.00
ENSG00000237663	0.00	0.00
ENSG00000237666	0.25	0.00
ENSG00000237668	0.25	0.00

ENSG00000237669	0.25	0.00
ENSG00000237671	0.00	0.00
ENSG00000237672	2.25	2.75
ENSG00000237674	0.00	0.00
ENSG00000237676	0.00	0.00
ENSG00000237679	0.00	0.00
ENSG00000237682	0.50	0.50
ENSG00000237684	0.00	0.00
ENSG00000237690	0.00	0.00
ENSG00000237691	1.50	1.50
ENSG00000237693	2.75	3.25
ENSG00000237698	0.00	0.00
ENSG00000237700	0.00	0.00
ENSG00000237701	0.00	0.00
ENSG00000237702	0.00	0.00
ENSG00000237703	0.00	0.00
ENSG00000237704	0.00	0.00
ENSG00000237706	0.00	0.00
ENSG00000237708	0.75	0.00
ENSG00000237709	1.00	1.50
ENSG00000237710	18.00	9.75
ENSG00000237711	0.00	0.50
ENSG00000237717	0.00	0.00
ENSG00000237719	1.50	2.25
ENSG00000237722	0.00	0.00
ENSG00000237723	0.00	0.00
ENSG00000237724	809.50	956.50
ENSG00000237725	0.00	0.00
ENSG00000237727	0.00	0.00
ENSG00000237729	0.00	0.75
ENSG00000237730	0.00	0.00
ENSG00000237731	0.00	0.25
ENSG00000237732	6.00	8.75
ENSG00000237733	3.50	1.25
ENSG00000237740	0.25	0.00
ENSG00000237743	0.00	0.00
ENSG00000237745	0.00	0.25
ENSG00000237746	0.00	0.00
ENSG00000237747	0.00	0.00
ENSG00000237748	0.00	0.25
ENSG00000237749	0.50	0.50
ENSG00000237752	0.00	0.00
ENSG00000237754	3.00	1.00

ENSG00000237757	0.50	1.25
ENSG00000237758	0.00	0.00
ENSG00000237763	0.75	0.50
ENSG00000237765	334.75	347.00
ENSG00000237766	0.50	0.50
ENSG00000237770	0.00	0.00
ENSG00000237774	0.00	0.00
ENSG00000237777	0.00	0.00
ENSG00000237782	0.00	0.00
ENSG00000237783	0.00	0.00
ENSG00000237784	0.25	0.00
ENSG00000237788	1.00	0.00
ENSG00000237793	0.00	0.00
ENSG00000237799	0.00	0.00
ENSG00000237801	0.00	0.00
ENSG00000237802	0.00	0.00
ENSG00000237804	0.00	0.00
ENSG00000237806	0.00	0.00
ENSG00000237808	0.00	0.00
ENSG00000237810	0.00	0.00
ENSG00000237811	0.00	0.00
ENSG00000237814	0.00	0.00
ENSG00000237815	0.00	0.00
ENSG00000237816	0.00	0.00
ENSG00000237818	0.25	0.75
ENSG00000237821	0.25	0.25
ENSG00000237823	0.00	0.00
ENSG00000237824	0.00	0.00
ENSG00000237825	159.00	153.50
ENSG00000237827	0.50	0.00
ENSG00000237828	0.00	0.00
ENSG00000237829	225.75	251.00
ENSG00000237831	0.00	0.00
ENSG00000237833	0.00	0.00
ENSG00000237834	0.00	0.00
ENSG00000237835	0.00	0.00
ENSG00000237840	25.75	16.75
ENSG00000237841	0.00	0.00
ENSG00000237842	0.25	0.00
ENSG00000237846	55.00	46.00
ENSG00000237847	0.00	0.00
ENSG00000237848	0.00	0.00
ENSG00000237849	0.00	0.00

ENSG00000237850	0.00	0.00
ENSG00000237854	66.00	51.50
ENSG00000237859	0.00	0.00
ENSG00000237860	0.00	0.00
ENSG00000237861	0.25	0.25
ENSG00000237865	0.00	0.00
ENSG00000237868	0.00	0.00
ENSG00000237871	0.00	0.00
ENSG00000237872	0.25	0.25
ENSG00000237873	0.00	0.00
ENSG00000237875	0.00	0.00
ENSG00000237876	0.00	0.00
ENSG00000237881	0.00	0.00
ENSG00000237882	0.00	0.00
ENSG00000237884	0.00	0.00
ENSG00000237885	0.00	0.00
ENSG00000237887	0.25	0.00
ENSG00000237888	0.50	1.00
ENSG00000237889	695.25	757.00
ENSG00000237891	0.00	0.00
ENSG00000237897	0.25	0.00
ENSG00000237900	36.75	21.50
ENSG00000237901	0.00	0.00
ENSG00000237902	0.00	0.00
ENSG00000237904	0.00	0.00
ENSG00000237905	0.00	0.00
ENSG00000237906	0.25	0.00
ENSG00000237910	0.00	0.00
ENSG00000237911	3.25	3.00
ENSG00000237913	0.00	0.00
ENSG00000237916	5.00	3.00
ENSG00000237917	1.00	0.25
ENSG00000237918	3.50	1.25
ENSG00000237920	0.00	0.00
ENSG00000237922	0.00	0.25
ENSG00000237924	0.25	0.00
ENSG00000237926	0.50	0.00
ENSG00000237929	0.00	0.00
ENSG00000237930	0.00	0.25
ENSG00000237931	0.50	0.00
ENSG00000237936	0.00	0.00
ENSG00000237939	0.00	0.00
ENSG00000237948	0.00	0.00

ENSG00000237951	0.00	0.00
ENSG00000237952	0.00	0.00
ENSG00000237953	0.00	0.25
ENSG00000237955	0.00	0.00
ENSG00000237956	0.00	0.00
ENSG00000237957	0.00	0.00
ENSG00000237959	0.00	0.00
ENSG00000237961	0.50	0.75
ENSG00000237962	0.25	0.50
ENSG00000237963	0.00	0.00
ENSG00000237964	0.00	0.00
ENSG00000237968	0.00	0.00
ENSG00000237970	0.00	0.00
ENSG00000237971	0.00	0.00
ENSG00000237972	2.00	0.75
ENSG00000237973	55.00	60.50
ENSG00000237974	0.00	0.00
ENSG00000237977	2.25	0.50
ENSG00000237979	0.50	0.50
ENSG00000237982	0.00	0.00
ENSG00000237984	0.00	0.50
ENSG00000237988	0.00	0.00
ENSG00000237991	0.25	0.25
ENSG00000237997	0.00	0.00
ENSG00000237999	0.00	0.00
ENSG00000238000	0.00	0.00
ENSG00000238001	0.00	0.00
ENSG00000238002	0.00	0.00
ENSG00000238003	0.25	0.75
ENSG00000238008	0.75	0.25
ENSG00000238013	0.00	0.00
ENSG00000238015	0.25	0.00
ENSG00000238021	0.75	0.25
ENSG00000238024	0.50	0.00
ENSG00000238025	0.00	0.00
ENSG00000238026	0.00	0.00
ENSG00000238029	0.00	0.00
ENSG00000238032	0.00	0.00
ENSG00000238037	0.00	0.00
ENSG00000238038	0.00	0.00
ENSG00000238040	0.00	0.00
ENSG00000238041	0.00	0.00
ENSG00000238046	0.00	0.00

ENSG00000238047	0.00	0.00
ENSG00000238048	0.00	0.00
ENSG00000238049	0.00	1.00
ENSG00000238051	0.00	0.00
ENSG00000238053	0.00	0.00
ENSG00000238055	0.00	0.25
ENSG00000238056	23.50	15.50
ENSG00000238059	1.75	1.75
ENSG00000238061	1.50	2.50
ENSG00000238065	0.00	0.00
ENSG00000238066	0.00	0.00
ENSG00000238067	0.00	0.00
ENSG00000238069	0.25	0.00
ENSG00000238070	0.00	0.00
ENSG00000238072	20.00	16.25
ENSG00000238073	0.00	0.00
ENSG00000238074	0.00	0.00
ENSG00000238075	0.00	0.00
ENSG00000238076	0.00	0.00
ENSG00000238077	0.00	0.00
ENSG00000238079	0.00	0.00
ENSG00000238081	0.00	0.00
ENSG00000238082	2.25	2.25
ENSG00000238083	536.00	441.50
ENSG00000238084	0.00	1.00
ENSG00000238085	0.00	0.75
ENSG00000238086	0.25	0.50
ENSG00000238087	0.00	0.00
ENSG00000238088	0.00	0.25
ENSG00000238090	0.00	0.25
ENSG00000238092	0.25	0.00
ENSG00000238094	0.00	0.00
ENSG00000238098	7.50	7.00
ENSG00000238101	0.00	0.00
ENSG00000238103	6.00	3.00
ENSG00000238104	161.50	130.75
ENSG00000238105	58.75	42.75
ENSG00000238108	0.00	0.00
ENSG00000238109	2.00	0.50
ENSG00000238110	0.50	0.50
ENSG00000238111	0.00	0.25
ENSG00000238114	0.00	0.00
ENSG00000238116	0.00	0.00

ENSG00000238118	0.00	0.00
ENSG00000238125	0.00	0.00
ENSG00000238126	0.00	0.00
ENSG00000238130	0.00	0.00
ENSG00000238132	0.50	0.00
ENSG00000238134	156.75	95.00
ENSG00000238135	0.00	0.25
ENSG00000238137	0.00	0.00
ENSG00000238138	0.00	0.00
ENSG00000238139	0.00	0.00
ENSG00000238143	0.00	0.00
ENSG00000238145	0.00	0.00
ENSG00000238149	0.00	0.00
ENSG00000238150	0.00	0.00
ENSG00000238151	4.25	1.25
ENSG00000238152	0.00	0.00
ENSG00000238153	0.00	0.00
ENSG00000238154	0.50	0.00
ENSG00000238161	0.50	1.00
ENSG00000238162	0.00	0.00
ENSG00000238165	0.00	0.00
ENSG00000238166	0.00	0.00
ENSG00000238168	0.00	0.00
ENSG00000238172	0.25	0.00
ENSG00000238173	0.00	0.00
ENSG00000238180	0.00	0.25
ENSG00000238181	0.00	0.25
ENSG00000238183	0.00	0.00
ENSG00000238188	0.25	0.00
ENSG00000238190	0.00	0.00
ENSG00000238191	0.00	0.00
ENSG00000238193	0.00	0.00
ENSG00000238196	5.00	4.25
ENSG00000238199	0.00	0.00
ENSG00000238200	0.00	0.00
ENSG00000238203	5.50	3.50
ENSG00000238205	0.25	0.25
ENSG00000238211	0.00	0.00
ENSG00000238213	0.00	0.00
ENSG00000238215	0.00	0.00
ENSG00000238220	0.00	0.00
ENSG00000238222	0.00	0.00
ENSG00000238223	0.00	0.00

ENSG00000238225	0.00	0.00
ENSG00000238227	697.50	665.50
ENSG00000238228	10.00	10.00
ENSG00000238231	0.00	0.50
ENSG00000238235	0.00	0.00
ENSG00000238236	0.00	0.25
ENSG00000238238	0.00	0.00
ENSG00000238241	0.00	0.00
ENSG00000238243	10.25	5.50
ENSG00000238244	0.00	0.00
ENSG00000238245	0.00	0.00
ENSG00000238247	0.00	0.00
ENSG00000238248	0.00	0.00
ENSG00000238249	0.25	0.00
ENSG00000238251	0.25	0.00
ENSG00000238254	0.00	0.00
ENSG00000238255	0.00	0.00
ENSG00000238256	0.00	0.00
ENSG00000238257	0.00	0.00
ENSG00000238259	0.00	0.25
ENSG00000238263	0.50	0.00
ENSG00000238267	0.00	0.00
ENSG00000238269	0.00	0.00
ENSG00000238271	91.00	59.75
ENSG00000238275	0.00	0.00
ENSG00000238278	6.00	5.50
ENSG00000238283	0.25	0.00
ENSG00000238285	0.00	0.00
ENSG00000238286	4.25	1.25
ENSG00000238288	0.00	0.00
ENSG00000238289	11.50	26.50
ENSG00000239198	0.25	0.00
ENSG00000239199	0.00	0.00
ENSG00000239200	0.00	0.00
ENSG00000239201	0.00	0.00
ENSG00000239207	0.00	0.00
ENSG00000239210	0.00	0.50
ENSG00000239212	0.00	0.00
ENSG00000239215	0.00	0.00
ENSG00000239218	22.25	15.25
ENSG00000239223	0.25	0.00
ENSG00000239226	0.00	0.00
ENSG00000239227	0.00	0.00

ENSG00000239238	0.00	0.00
ENSG00000239246	0.75	0.75
ENSG00000239253	0.00	0.00
ENSG00000239254	4.25	1.75
ENSG00000239255	0.00	0.00
ENSG00000239256	0.00	0.00
ENSG00000239257	3.50	3.00
ENSG00000239261	0.00	0.00
ENSG00000239263	0.00	0.00
ENSG00000239264	6977.25	6204.00
ENSG00000239269	0.00	1.00
ENSG00000239272	1.00	1.00
ENSG00000239280	0.75	2.00
ENSG00000239281	0.00	0.25
ENSG00000239282	92.25	107.25
ENSG00000239285	11.00	11.75
ENSG00000239288	0.00	0.00
ENSG00000239291	0.75	1.00
ENSG00000239293	0.00	0.00
ENSG00000239304	0.00	0.00
ENSG00000239305	885.75	1016.25
ENSG00000239306	515.75	417.50
ENSG00000239315	0.00	0.00
ENSG00000239317	0.25	0.00
ENSG00000239320	0.00	0.00
ENSG00000239323	0.25	0.00
ENSG00000239327	0.00	0.00
ENSG00000239329	1.25	1.00
ENSG00000239344	0.00	0.00
ENSG00000239345	0.00	0.00
ENSG00000239350	0.00	0.00
ENSG00000239351	0.25	0.25
ENSG00000239354	0.50	0.00
ENSG00000239365	0.25	0.25
ENSG00000239374	0.00	0.50
ENSG00000239382	149.75	154.75
ENSG00000239383	0.00	0.00
ENSG00000239388	14.00	14.50
ENSG00000239389	0.00	0.25
ENSG00000239392	0.00	0.00
ENSG00000239393	0.25	0.00
ENSG00000239397	0.00	0.00
ENSG00000239402	1.50	1.75

ENSG00000239405	8.75	4.25
ENSG00000239408	0.00	0.00
ENSG00000239412	0.00	0.00
ENSG00000239413	0.25	0.25
ENSG00000239426	0.00	0.00
ENSG00000239428	0.00	0.00
ENSG00000239429	0.25	0.00
ENSG00000239432	0.00	0.00
ENSG00000239435	0.75	0.00
ENSG00000239438	0.00	0.00
ENSG00000239439	0.00	0.00
ENSG00000239443	0.25	0.00
ENSG00000239455	0.25	0.00
ENSG00000239457	0.50	0.25
ENSG00000239463	36.50	33.00
ENSG00000239465	0.25	0.25
ENSG00000239470	1.00	1.75
ENSG00000239473	0.25	0.25
ENSG00000239474	51.25	28.00
ENSG00000239481	0.00	0.00
ENSG00000239483	1.25	1.50
ENSG00000239486	0.75	2.00
ENSG00000239490	0.00	0.25
ENSG00000239497	11.00	11.75
ENSG00000239500	0.50	0.00
ENSG00000239503	0.00	0.25
ENSG00000239510	0.25	0.00
ENSG00000239511	5.50	13.00
ENSG00000239516	0.00	0.00
ENSG00000239517	0.25	0.00
ENSG00000239521	571.50	476.00
ENSG00000239524	0.00	0.50
ENSG00000239525	0.25	0.00
ENSG00000239527	0.00	0.00
ENSG00000239528	0.50	0.25
ENSG00000239532	0.00	0.00
ENSG00000239533	1.00	0.50
ENSG00000239539	0.00	0.00
ENSG00000239544	0.00	0.25
ENSG00000239556	28.75	21.00
ENSG00000239557	1.25	1.75
ENSG00000239559	0.00	0.00
ENSG00000239568	0.00	0.00

ENSG00000239570	0.00	0.00
ENSG00000239571	0.00	0.00
ENSG00000239576	0.00	0.00
ENSG00000239586	0.00	0.00
ENSG00000239590	2.00	1.00
ENSG00000239600	0.00	0.25
ENSG00000239602	0.25	0.25
ENSG00000239605	11.50	7.75
ENSG00000239614	0.00	0.00
ENSG00000239615	0.00	0.00
ENSG00000239617	9.00	8.00
ENSG00000239618	39.75	43.00
ENSG00000239620	0.00	0.00
ENSG00000239622	0.00	0.00
ENSG00000239626	17.25	10.75
ENSG00000239627	0.00	0.00
ENSG00000239632	0.00	0.25
ENSG00000239642	0.00	0.00
ENSG00000239648	0.25	0.00
ENSG00000239649	0.00	0.00
ENSG00000239650	25.25	17.75
ENSG00000239659	0.00	0.00
ENSG00000239670	1.00	2.00
ENSG00000239671	0.50	0.75
ENSG00000239672	308.50	280.00
ENSG00000239683	0.00	0.00
ENSG00000239684	0.00	0.00
ENSG00000239686	0.00	0.00
ENSG00000239689	0.00	0.00
ENSG00000239694	0.00	0.00
ENSG00000239696	2.25	3.50
ENSG00000239697	730.75	770.25
ENSG00000239699	0.00	0.00
ENSG00000239701	0.25	0.25
ENSG00000239704	40.50	15.75
ENSG00000239706	0.00	0.00
ENSG00000239713	181.50	114.50
ENSG00000239719	0.25	0.75
ENSG00000239722	0.25	0.50
ENSG00000239732	6.25	4.25
ENSG00000239736	0.00	0.00
ENSG00000239741	0.00	0.00
ENSG00000239754	327.75	225.25

ENSG00000239763	14.00	8.00
ENSG00000239779	1074.00	755.25
ENSG00000239780	0.00	0.00
ENSG00000239783	0.00	0.25
ENSG00000239784	3.50	3.00
ENSG00000239789	164.25	178.00
ENSG00000239792	0.00	0.00
ENSG00000239793	0.00	0.00
ENSG00000239797	0.50	0.25
ENSG00000239804	0.00	0.00
ENSG00000239805	0.00	0.00
ENSG00000239809	0.00	0.00
ENSG00000239810	0.00	0.00
ENSG00000239819	0.00	0.00
ENSG00000239827	6.25	3.75
ENSG00000239829	0.00	0.00
ENSG00000239830	2.00	3.00
ENSG00000239831	0.00	0.00
ENSG00000239835	0.00	0.00
ENSG00000239836	34.25	21.75
ENSG00000239839	0.00	0.00
ENSG00000239840	0.00	0.00
ENSG00000239855	0.00	0.00
ENSG00000239857	411.00	406.50
ENSG00000239861	0.00	0.00
ENSG00000239862	0.00	0.00
ENSG00000239865	107.25	116.50
ENSG00000239870	0.00	0.00
ENSG00000239872	0.25	0.00
ENSG00000239873	0.00	0.00
ENSG00000239880	0.00	0.00
ENSG00000239881	0.25	0.00
ENSG00000239882	5.25	3.00
ENSG00000239883	59.00	50.00
ENSG00000239886	0.00	0.00
ENSG00000239887	20.75	18.25
ENSG00000239893	0.50	0.50
ENSG00000239900	670.75	723.75
ENSG00000239912	2.00	1.00
ENSG00000239917	0.25	0.00
ENSG00000239919	0.00	0.00
ENSG00000239924	0.00	0.00
ENSG00000239926	1.00	0.75

ENSG00000239927	23.75	16.75
ENSG00000239939	0.00	0.00
ENSG00000239944	0.00	0.00
ENSG00000239951	0.00	0.00
ENSG00000239959	0.75	1.50
ENSG00000239961	0.00	0.00
ENSG00000239967	0.00	0.00
ENSG00000239969	12.75	15.50
ENSG00000239974	14.50	9.50
ENSG00000239975	0.00	0.00
ENSG00000239978	0.00	0.00
ENSG00000239981	0.00	0.00
ENSG00000239983	0.00	0.25
ENSG00000239985	0.00	0.00
ENSG00000239986	0.00	0.00
ENSG00000239988	0.00	0.00
ENSG00000239989	0.00	0.00
ENSG00000239992	0.00	0.00
ENSG00000239995	0.00	0.25
ENSG00000239997	0.25	0.25
ENSG00000239998	4.00	2.25
ENSG00000240002	0.00	0.00
ENSG00000240003	0.50	0.50
ENSG00000240008	0.00	0.00
ENSG00000240021	18.75	17.25
ENSG00000240023	0.50	0.00
ENSG00000240024	28.50	15.75
ENSG00000240027	0.00	0.00
ENSG00000240031	0.00	0.00
ENSG00000240034	0.00	0.00
ENSG00000240036	0.00	0.25
ENSG00000240038	128.50	145.00
ENSG00000240041	0.00	0.00
ENSG00000240042	0.00	0.00
ENSG00000240043	0.00	0.00
ENSG00000240047	0.00	0.00
ENSG00000240048	0.00	0.25
ENSG00000240051	0.00	0.00
ENSG00000240052	0.00	0.00
ENSG00000240053	93.25	103.00
ENSG00000240058	4.25	1.50
ENSG00000240065	32.25	21.00
ENSG00000240068	0.00	0.00

ENSG00000240069	5.00	5.25
ENSG00000240074	0.25	0.00
ENSG00000240083	0.25	0.00
ENSG00000240084	0.00	0.00
ENSG00000240087	3.25	2.25
ENSG00000240089	10.00	5.50
ENSG00000240096	0.00	0.00
ENSG00000240097	0.00	0.00
ENSG00000240100	0.00	0.00
ENSG00000240103	0.75	0.75
ENSG00000240107	0.00	0.50
ENSG00000240108	0.75	1.25
ENSG00000240118	32.50	20.25
ENSG00000240121	0.00	0.00
ENSG00000240122	0.25	0.00
ENSG00000240125	0.00	0.00
ENSG00000240128	0.25	0.00
ENSG00000240131	0.00	0.00
ENSG00000240132	0.50	1.75
ENSG00000240135	0.00	0.00
ENSG00000240138	0.00	0.25
ENSG00000240156	0.00	0.00
ENSG00000240159	0.00	0.00
ENSG00000240163	0.75	1.25
ENSG00000240167	0.00	0.00
ENSG00000240174	0.00	0.00
ENSG00000240179	0.00	0.00
ENSG00000240180	4.00	4.00
ENSG00000240184	7123.25	6527.75
ENSG00000240194	0.00	0.00
ENSG00000240197	0.00	0.00
ENSG00000240201	0.00	0.00
ENSG00000240204	7.75	3.00
ENSG00000240210	0.25	0.00
ENSG00000240215	0.00	0.00
ENSG00000240216	0.75	0.25
ENSG00000240224	0.00	0.00
ENSG00000240225	348.50	298.50
ENSG00000240230	231.00	169.50
ENSG00000240231	1.00	0.25
ENSG00000240236	0.25	0.25
ENSG00000240237	0.00	0.00
ENSG00000240238	0.00	0.25

ENSG00000240244	0.00	0.00
ENSG00000240246	0.00	0.00
ENSG00000240247	0.00	0.00
ENSG00000240253	0.75	1.50
ENSG00000240255	0.00	0.00
ENSG00000240265	0.00	0.00
ENSG00000240268	0.00	0.00
ENSG00000240270	0.25	0.00
ENSG00000240271	0.00	0.00
ENSG00000240280	5.50	4.00
ENSG00000240281	0.00	0.00
ENSG00000240286	0.00	0.00
ENSG00000240296	0.00	0.00
ENSG00000240298	0.00	0.00
ENSG00000240303	1413.25	838.75
ENSG00000240305	0.00	0.00
ENSG00000240309	0.00	0.00
ENSG00000240311	0.75	0.25
ENSG00000240320	0.00	0.00
ENSG00000240328	0.00	0.00
ENSG00000240338	1.50	2.50
ENSG00000240342	2698.25	2438.50
ENSG00000240344	481.00	366.25
ENSG00000240356	341.00	268.50
ENSG00000240359	0.00	0.00
ENSG00000240361	0.00	0.00
ENSG00000240364	0.00	0.00
ENSG00000240366	0.25	0.00
ENSG00000240370	68.00	54.25
ENSG00000240371	0.25	0.00
ENSG00000240375	0.00	0.00
ENSG00000240376	1.00	2.75
ENSG00000240382	0.00	0.00
ENSG00000240385	0.00	0.25
ENSG00000240386	0.75	0.00
ENSG00000240388	0.25	0.00
ENSG00000240389	14.50	9.50
ENSG00000240392	0.50	0.00
ENSG00000240393	0.00	0.25
ENSG00000240395	0.75	1.00
ENSG00000240399	2.75	3.00
ENSG00000240403	0.00	0.00
ENSG00000240404	0.25	0.25

ENSG00000240409	0.25	0.50
ENSG00000240411	0.00	0.00
ENSG00000240412	0.00	0.00
ENSG00000240416	0.00	0.00
ENSG00000240418	0.25	0.25
ENSG00000240419	0.00	0.00
ENSG00000240424	0.00	0.00
ENSG00000240426	0.00	0.00
ENSG00000240427	0.00	0.00
ENSG00000240429	29.25	33.50
ENSG00000240432	0.00	0.00
ENSG00000240433	12.25	8.00
ENSG00000240435	0.00	0.00
ENSG00000240436	0.00	0.00
ENSG00000240438	0.00	0.00
ENSG00000240441	0.25	0.50
ENSG00000240443	0.00	0.50
ENSG00000240445	81.50	44.50
ENSG00000240452	0.00	0.00
ENSG00000240454	0.00	0.00
ENSG00000240458	0.00	0.00
ENSG00000240459	0.00	0.00
ENSG00000240463	2.00	2.25
ENSG00000240471	0.00	0.00
ENSG00000240477	0.00	0.00
ENSG00000240480	0.50	0.00
ENSG00000240484	0.00	0.00
ENSG00000240486	0.00	0.00
ENSG00000240487	0.00	0.00
ENSG00000240489	0.00	0.25
ENSG00000240494	0.50	0.50
ENSG00000240505	1.75	1.50
ENSG00000240508	12.75	11.25
ENSG00000240509	1.25	0.75
ENSG00000240511	0.00	0.00
ENSG00000240513	0.00	0.00
ENSG00000240518	0.00	0.00
ENSG00000240519	0.00	0.00
ENSG00000240520	0.25	1.50
ENSG00000240522	4.50	3.25
ENSG00000240524	0.25	0.00
ENSG00000240531	0.00	0.25
ENSG00000240534	0.00	0.00

ENSG00000240540	0.75	0.75
ENSG00000240542	0.00	0.00
ENSG00000240554	0.00	0.25
ENSG00000240563	3.50	1.75
ENSG00000240566	0.00	0.00
ENSG00000240568	0.00	0.00
ENSG00000240572	0.00	0.00
ENSG00000240578	0.00	0.00
ENSG00000240579	0.00	0.00
ENSG00000240583	98.25	71.50
ENSG00000240590	0.25	0.50
ENSG00000240592	2.75	4.75
ENSG00000240601	0.00	0.00
ENSG00000240602	0.75	0.25
ENSG00000240611	0.00	0.00
ENSG00000240616	1.25	1.75
ENSG00000240621	0.00	0.00
ENSG00000240622	0.25	0.00
ENSG00000240624	0.00	0.25
ENSG00000240627	0.00	0.00
ENSG00000240631	0.00	0.00
ENSG00000240632	0.00	0.25
ENSG00000240634	2.00	3.25
ENSG00000240651	0.00	0.00
ENSG00000240652	0.00	0.00
ENSG00000240654	16.50	12.00
ENSG00000240661	11.25	15.75
ENSG00000240665	0.00	0.00
ENSG00000240667	0.25	0.25
ENSG00000240668	0.00	0.25
ENSG00000240669	0.00	0.00
ENSG00000240671	0.00	0.00
ENSG00000240673	0.00	0.25
ENSG00000240674	0.00	0.00
ENSG00000240677	0.00	0.00
ENSG00000240680	0.00	0.00
ENSG00000240682	539.25	512.75
ENSG00000240694	671.25	848.50
ENSG00000240695	0.00	0.50
ENSG00000240698	0.00	0.00
ENSG00000240704	0.00	0.00
ENSG00000240720	10.25	5.75
ENSG00000240721	0.00	0.00

ENSG00000240724	0.00	0.00
ENSG00000240729	0.25	0.00
ENSG00000240738	0.00	0.50
ENSG00000240739	0.00	0.00
ENSG00000240747	27.50	26.25
ENSG00000240751	2.00	0.00
ENSG00000240752	0.00	0.00
ENSG00000240755	4.50	6.00
ENSG00000240759	1.00	0.00
ENSG00000240760	0.00	0.00
ENSG00000240761	0.50	0.25
ENSG00000240764	80.50	31.25
ENSG00000240771	1143.25	1481.00
ENSG00000240774	0.00	0.00
ENSG00000240775	0.00	0.75
ENSG00000240776	0.25	0.75
ENSG00000240785	0.00	0.25
ENSG00000240787	0.00	0.00
ENSG00000240791	0.25	0.00
ENSG00000240793	1.00	1.25
ENSG00000240796	0.00	0.00
ENSG00000240800	0.00	0.00
ENSG00000240804	0.00	0.00
ENSG00000240808	0.75	0.75
ENSG00000240809	30.50	37.75
ENSG00000240813	0.25	0.25
ENSG00000240821	2.00	0.25
ENSG00000240824	0.00	0.00
ENSG00000240827	0.00	0.00
ENSG00000240828	0.25	0.00
ENSG00000240845	3.50	3.00
ENSG00000240846	0.00	0.00
ENSG00000240849	815.00	804.75
ENSG00000240854	0.75	1.25
ENSG00000240857	346.75	314.00
ENSG00000240861	0.00	0.25
ENSG00000240864	0.00	0.00
ENSG00000240870	0.00	0.25
ENSG00000240871	0.00	0.00
ENSG00000240873	0.00	0.00
ENSG00000240874	0.00	0.00
ENSG00000240881	0.00	0.00
ENSG00000240882	0.75	0.25

ENSG00000240890	0.50	0.00
ENSG00000240891	8.75	4.75
ENSG00000240898	2.75	1.75
ENSG00000240902	0.00	0.00
ENSG00000240912	0.00	0.00
ENSG00000240914	1.25	0.25
ENSG00000240919	0.25	0.00
ENSG00000240925	0.25	0.25
ENSG00000240929	22.25	16.75
ENSG00000240934	0.00	0.00
ENSG00000240935	0.25	1.50
ENSG00000240950	1.00	0.50
ENSG00000240951	0.00	0.00
ENSG00000240954	0.50	0.25
ENSG00000240957	0.00	0.00
ENSG00000240959	0.00	0.00
ENSG00000240960	0.00	0.00
ENSG00000240970	4.25	4.00
ENSG00000240972	1310.25	1390.50
ENSG00000240974	0.00	0.00
ENSG00000240975	4.25	5.00
ENSG00000240979	8.50	5.75
ENSG00000240983	0.00	0.00
ENSG00000240991	0.25	0.25
ENSG00000240992	0.25	0.50
ENSG00000240995	0.00	0.00
ENSG00000241002	0.25	0.25
ENSG00000241003	0.00	0.00
ENSG00000241007	0.00	0.25
ENSG00000241008	0.00	0.00
ENSG00000241011	0.00	0.00
ENSG00000241015	95.50	91.75
ENSG00000241018	0.00	0.00
ENSG00000241020	4.75	7.00
ENSG00000241022	0.00	0.00
ENSG00000241026	0.00	0.00
ENSG00000241030	2.75	0.75
ENSG00000241035	0.50	0.00
ENSG00000241043	28.00	20.25
ENSG00000241045	0.00	0.25
ENSG00000241052	0.00	0.00
ENSG00000241057	22.75	24.75
ENSG00000241058	131.50	91.00

ENSG00000241061	0.25	0.25
ENSG00000241067	0.00	0.25
ENSG00000241069	0.00	0.00
ENSG00000241081	3.50	2.25
ENSG00000241088	0.00	0.00
ENSG00000241095	0.00	0.00
ENSG00000241097	0.00	0.00
ENSG00000241102	0.00	0.00
ENSG00000241103	0.00	0.00
ENSG00000241104	20.50	8.00
ENSG00000241105	0.00	0.00
ENSG00000241106	0.50	0.25
ENSG00000241112	0.50	0.25
ENSG00000241114	0.50	0.50
ENSG00000241119	0.00	0.00
ENSG00000241120	2.00	2.25
ENSG00000241123	0.00	0.00
ENSG00000241127	172.50	126.50
ENSG00000241128	0.00	0.00
ENSG00000241129	0.75	0.25
ENSG00000241130	0.00	0.00
ENSG00000241132	16.50	13.00
ENSG00000241134	0.00	0.00
ENSG00000241136	0.00	0.25
ENSG00000241143	0.00	0.00
ENSG00000241146	2.25	0.50
ENSG00000241149	0.00	0.00
ENSG00000241157	0.50	0.25
ENSG00000241166	3.25	0.75
ENSG00000241170	14.00	14.75
ENSG00000241179	0.00	0.00
ENSG00000241183	0.00	0.25
ENSG00000241185	0.50	1.00
ENSG00000241186	6.25	4.75
ENSG00000241187	0.50	0.25
ENSG00000241200	0.00	0.00
ENSG00000241203	0.00	0.00
ENSG00000241204	0.25	0.00
ENSG00000241207	0.00	0.00
ENSG00000241216	0.00	0.00
ENSG00000241218	3.25	2.25
ENSG00000241221	0.00	0.00
ENSG00000241225	0.00	0.00

ENSG00000241228	0.00	0.25
ENSG00000241233	0.75	1.50
ENSG00000241241	0.00	0.00
ENSG00000241244	0.00	0.00
ENSG00000241250	0.00	0.00
ENSG00000241251	0.00	0.00
ENSG00000241253	8.75	3.50
ENSG00000241255	0.75	0.00
ENSG00000241257	0.00	0.00
ENSG00000241258	684.50	640.75
ENSG00000241261	0.00	0.00
ENSG00000241278	3.75	4.00
ENSG00000241281	0.00	0.00
ENSG00000241282	0.00	0.00
ENSG00000241286	1.25	2.25
ENSG00000241293	0.00	0.00
ENSG00000241294	0.00	0.00
ENSG00000241296	1.00	0.75
ENSG00000241305	0.00	0.00
ENSG00000241307	0.00	0.25
ENSG00000241318	0.75	0.50
ENSG00000241319	0.00	0.00
ENSG00000241322	9.75	5.00
ENSG00000241334	0.00	0.00
ENSG00000241343	2742.25	2082.75
ENSG00000241344	0.00	0.00
ENSG00000241346	0.00	0.00
ENSG00000241350	0.50	0.00
ENSG00000241351	0.00	0.00
ENSG00000241352	0.75	0.50
ENSG00000241353	0.75	0.00
ENSG00000241354	0.25	0.00
ENSG00000241356	0.00	0.00
ENSG00000241358	0.25	0.25
ENSG00000241360	89.25	118.00
ENSG00000241361	0.25	0.00
ENSG00000241362	1.25	2.25
ENSG00000241367	0.00	0.00
ENSG00000241370	28.75	23.50
ENSG00000241385	0.00	0.00
ENSG00000241386	0.75	0.50
ENSG00000241394	39.50	19.75
ENSG00000241399	1817.25	5642.50

ENSG00000241400	0.00	0.00
ENSG00000241404	20.75	8.75
ENSG00000241411	0.00	0.25
ENSG00000241416	0.25	0.25
ENSG00000241418	0.25	0.00
ENSG00000241423	0.00	0.00
ENSG00000241429	1.00	0.00
ENSG00000241431	1.75	0.25
ENSG00000241434	0.50	0.25
ENSG00000241438	0.00	0.25
ENSG00000241439	0.00	0.00
ENSG00000241451	0.00	0.00
ENSG00000241458	0.25	0.75
ENSG00000241462	0.00	0.00
ENSG00000241464	0.00	0.00
ENSG00000241468	992.25	927.25
ENSG00000241473	0.00	0.25
ENSG00000241476	0.00	0.00
ENSG00000241478	0.00	0.00
ENSG00000241484	14.50	13.75
ENSG00000241489	359.25	280.50
ENSG00000241493	0.50	0.25
ENSG00000241494	0.00	0.00
ENSG00000241499	0.50	0.00
ENSG00000241506	471.00	464.00
ENSG00000241511	0.00	0.00
ENSG00000241526	0.25	0.00
ENSG00000241527	0.00	0.00
ENSG00000241532	1.25	1.00
ENSG00000241534	332.00	224.25
ENSG00000241535	0.00	0.00
ENSG00000241537	0.00	0.00
ENSG00000241539	0.50	0.75
ENSG00000241546	0.00	0.00
ENSG00000241547	5.50	4.25
ENSG00000241549	33.25	22.50
ENSG00000241553	1811.75	2330.50
ENSG00000241556	2.00	2.25
ENSG00000241562	0.00	0.00
ENSG00000241563	4.50	2.50
ENSG00000241566	0.00	0.00
ENSG00000241571	0.25	0.00
ENSG00000241573	0.00	0.00

ENSG00000241582	0.00	0.00
ENSG00000241590	0.00	0.00
ENSG00000241592	0.00	0.00
ENSG00000241595	0.00	0.00
ENSG00000241597	0.75	0.75
ENSG00000241598	0.25	0.00
ENSG00000241607	0.50	0.50
ENSG00000241612	1.00	1.00
ENSG00000241621	0.50	0.50
ENSG00000241622	1.00	1.00
ENSG00000241627	6.00	4.00
ENSG00000241634	4.50	4.25
ENSG00000241635	6.75	8.50
ENSG00000241640	0.00	0.00
ENSG00000241641	0.00	0.00
ENSG00000241644	549.25	1178.50
ENSG00000241651	0.00	0.00
ENSG00000241654	0.00	0.00
ENSG00000241656	0.00	0.00
ENSG00000241661	1.00	0.25
ENSG00000241668	0.25	0.00
ENSG00000241670	4.75	0.00
ENSG00000241671	0.00	0.00
ENSG00000241673	0.25	0.00
ENSG00000241674	1.25	0.75
ENSG00000241678	0.50	0.00
ENSG00000241680	0.25	0.25
ENSG00000241685	2001.25	1830.75
ENSG00000241690	0.00	0.00
ENSG00000241695	0.00	0.00
ENSG00000241697	109.75	122.50
ENSG00000241713	0.25	7.25
ENSG00000241717	2.00	2.00
ENSG00000241721	0.00	0.00
ENSG00000241722	0.00	0.00
ENSG00000241723	0.00	0.00
ENSG00000241735	2.25	0.25
ENSG00000241737	0.00	0.00
ENSG00000241738	2.75	1.75
ENSG00000241739	0.00	0.00
ENSG00000241741	3.50	2.75
ENSG00000241744	0.25	0.00
ENSG00000241746	0.75	0.00

ENSG00000241749	30.00	41.75
ENSG00000241755	0.00	0.00
ENSG00000241765	0.00	0.00
ENSG00000241776	0.00	0.00
ENSG00000241777	0.00	0.00
ENSG00000241778	0.00	0.00
ENSG00000241779	0.00	0.00
ENSG00000241782	1.50	0.25
ENSG00000241787	0.00	0.00
ENSG00000241788	0.00	0.00
ENSG00000241790	54.75	51.00
ENSG00000241794	0.00	0.25
ENSG00000241804	0.00	0.00
ENSG00000241808	0.00	0.00
ENSG00000241809	0.00	0.00
ENSG00000241810	0.00	0.00
ENSG00000241815	0.00	0.00
ENSG00000241822	0.00	0.00
ENSG00000241825	0.50	0.75
ENSG00000241828	0.00	0.00
ENSG00000241829	0.50	0.75
ENSG00000241837	1624.25	1485.25
ENSG00000241838	0.75	0.25
ENSG00000241839	6582.75	5959.00
ENSG00000241846	0.25	0.00
ENSG00000241852	364.50	373.75
ENSG00000241853	0.00	0.00
ENSG00000241859	1.75	1.00
ENSG00000241861	0.00	0.00
ENSG00000241863	28.75	23.50
ENSG00000241870	0.00	0.00
ENSG00000241874	0.00	0.00
ENSG00000241877	0.00	0.00
ENSG00000241878	474.75	614.75
ENSG00000241879	0.00	0.00
ENSG00000241880	3.50	3.00
ENSG00000241888	0.00	0.00
ENSG00000241889	2.50	1.00
ENSG00000241890	0.00	0.25
ENSG00000241891	0.00	0.00
ENSG00000241899	0.00	0.00
ENSG00000241905	0.00	0.00
ENSG00000241907	1.00	0.75

ENSG00000241910	0.00	0.00
ENSG00000241911	0.00	0.00
ENSG00000241913	0.00	0.00
ENSG00000241917	0.25	0.00
ENSG00000241923	0.75	0.50
ENSG00000241926	0.00	0.00
ENSG00000241929	0.00	0.00
ENSG00000241932	0.00	0.00
ENSG00000241935	31.75	40.25
ENSG00000241941	0.00	0.00
ENSG00000241942	0.00	0.00
ENSG00000241945	137.75	105.25
ENSG00000241946	0.00	0.00
ENSG00000241947	0.00	0.00
ENSG00000241950	0.50	0.00
ENSG00000241961	0.00	0.00
ENSG00000241962	16.75	8.25
ENSG00000241965	0.00	0.00
ENSG00000241973	2734.00	2219.25
ENSG00000241975	13.50	9.25
ENSG00000241978	5226.75	10678.00
ENSG00000241981	0.25	0.00
ENSG00000241984	1.00	1.00
ENSG00000241991	0.00	0.00
ENSG00000241993	0.00	0.00
ENSG00000242001	0.00	0.00
ENSG00000242017	0.25	0.00
ENSG00000242019	0.00	0.00
ENSG00000242022	0.00	0.00
ENSG00000242028	117.50	110.50
ENSG00000242034	0.00	0.00
ENSG00000242036	0.00	0.00
ENSG00000242038	19.25	23.25
ENSG00000242039	3.50	3.00
ENSG00000242041	0.00	0.00
ENSG00000242052	0.50	0.00
ENSG00000242058	0.00	0.00
ENSG00000242060	0.00	0.50
ENSG00000242061	0.25	0.00
ENSG00000242062	0.00	0.00
ENSG00000242067	0.00	0.00
ENSG00000242068	12.50	8.25
ENSG00000242070	0.00	0.25

ENSG00000242071	6.50	3.25
ENSG00000242073	1.00	1.75
ENSG00000242076	0.00	0.00
ENSG00000242080	0.00	0.00
ENSG00000242083	0.50	0.75
ENSG00000242085	1.75	1.25
ENSG00000242087	0.00	0.00
ENSG00000242088	0.00	0.75
ENSG00000242092	0.75	0.75
ENSG00000242097	2.50	1.25
ENSG00000242100	0.50	0.25
ENSG00000242103	0.00	0.00
ENSG00000242109	0.00	0.25
ENSG00000242110	264.75	219.50
ENSG00000242111	0.00	0.00
ENSG00000242114	11.00	24.50
ENSG00000242119	0.00	0.00
ENSG00000242123	0.00	0.00
ENSG00000242134	0.00	0.00
ENSG00000242135	0.00	0.00
ENSG00000242137	0.00	0.00
ENSG00000242140	0.00	0.00
ENSG00000242142	0.00	0.00
ENSG00000242150	2.50	7.75
ENSG00000242151	0.00	0.00
ENSG00000242152	0.00	0.00
ENSG00000242153	0.25	0.00
ENSG00000242156	1.50	0.25
ENSG00000242159	0.00	0.00
ENSG00000242162	0.00	0.00
ENSG00000242163	0.00	0.00
ENSG00000242169	0.00	0.00
ENSG00000242173	2.25	1.00
ENSG00000242176	0.00	0.00
ENSG00000242178	0.00	0.00
ENSG00000242180	0.25	0.00
ENSG00000242186	0.00	0.00
ENSG00000242193	388.75	334.75
ENSG00000242195	0.00	0.00
ENSG00000242197	0.00	0.00
ENSG00000242198	10.25	7.00
ENSG00000242199	0.00	0.00
ENSG00000242206	0.25	0.00

ENSG00000242208	0.00	0.00
ENSG00000242209	0.00	0.00
ENSG00000242214	0.00	0.00
ENSG00000242220	4.25	5.00
ENSG00000242221	42.75	20.75
ENSG00000242222	0.00	0.00
ENSG00000242227	2.75	0.75
ENSG00000242229	0.25	0.00
ENSG00000242244	0.50	0.00
ENSG00000242246	0.00	0.00
ENSG00000242247	1044.00	960.50
ENSG00000242248	0.00	0.00
ENSG00000242252	4.75	1.75
ENSG00000242255	0.25	0.50
ENSG00000242259	446.75	412.75
ENSG00000242261	12.25	14.00
ENSG00000242262	2.00	1.50
ENSG00000242265	777.75	387.25
ENSG00000242267	5.00	4.25
ENSG00000242272	0.50	0.25
ENSG00000242276	0.75	0.00
ENSG00000242278	0.00	0.00
ENSG00000242279	0.00	0.00
ENSG00000242280	0.00	0.00
ENSG00000242285	0.00	0.00
ENSG00000242291	0.00	0.25
ENSG00000242292	0.00	0.00
ENSG00000242293	0.00	0.00
ENSG00000242294	179.00	131.50
ENSG00000242295	0.00	0.25
ENSG00000242296	0.25	0.50
ENSG00000242299	13.00	14.25
ENSG00000242307	0.00	0.25
ENSG00000242308	0.00	0.00
ENSG00000242314	0.50	0.00
ENSG00000242318	0.00	0.00
ENSG00000242320	0.00	0.00
ENSG00000242321	0.00	0.00
ENSG00000242324	0.00	0.00
ENSG00000242325	0.25	1.00
ENSG00000242326	0.00	0.00
ENSG00000242327	0.00	0.00
ENSG00000242329	0.25	0.00

ENSG00000242335	333.50	222.25
ENSG00000242337	9.25	5.00
ENSG00000242338	47.75	31.50
ENSG00000242352	11.75	7.50
ENSG00000242353	0.25	0.00
ENSG00000242358	3.25	1.75
ENSG00000242361	83.00	36.50
ENSG00000242362	0.00	0.00
ENSG00000242364	0.00	0.00
ENSG00000242365	0.00	0.00
ENSG00000242366	0.00	0.00
ENSG00000242371	0.00	0.00
ENSG00000242372	1184.75	1109.50
ENSG00000242386	1.00	0.50
ENSG00000242387	0.00	0.00
ENSG00000242389	0.00	0.00
ENSG00000242390	0.00	0.50
ENSG00000242393	0.00	0.00
ENSG00000242399	0.00	0.00
ENSG00000242405	0.00	0.25
ENSG00000242411	0.00	0.00
ENSG00000242412	1.50	1.50
ENSG00000242417	0.00	0.00
ENSG00000242419	18.50	12.25
ENSG00000242423	0.00	0.00
ENSG00000242431	0.00	0.25
ENSG00000242435	1.50	2.25
ENSG00000242439	0.50	1.00
ENSG00000242441	0.50	6.00
ENSG00000242444	0.00	0.00
ENSG00000242445	0.75	1.50
ENSG00000242456	0.00	0.00
ENSG00000242457	2.50	0.50
ENSG00000242461	0.00	0.00
ENSG00000242472	0.00	0.00
ENSG00000242473	0.00	0.00
ENSG00000242477	0.00	0.50
ENSG00000242479	2.00	2.00
ENSG00000242485	592.75	591.00
ENSG00000242488	0.00	1.25
ENSG00000242498	854.50	812.75
ENSG00000242507	0.25	0.00
ENSG00000242510	0.00	0.00

ENSG00000242511	0.00	0.00
ENSG00000242515	0.00	0.00
ENSG00000242520	0.25	0.25
ENSG00000242524	0.00	0.00
ENSG00000242525	0.00	0.00
ENSG00000242527	0.50	0.00
ENSG00000242529	0.25	0.00
ENSG00000242531	1.75	1.00
ENSG00000242534	0.00	0.00
ENSG00000242537	0.00	0.00
ENSG00000242550	1.75	1.25
ENSG00000242551	1.25	0.50
ENSG00000242552	0.00	0.00
ENSG00000242561	0.00	0.00
ENSG00000242562	0.25	0.75
ENSG00000242571	0.25	0.50
ENSG00000242573	0.00	0.00
ENSG00000242574	1.00	0.50
ENSG00000242575	0.00	0.00
ENSG00000242580	0.00	0.00
ENSG00000242583	0.00	0.25
ENSG00000242586	0.25	0.25
ENSG00000242595	0.00	0.00
ENSG00000242598	0.00	0.00
ENSG00000242599	0.00	0.00
ENSG00000242600	79.75	97.75
ENSG00000242602	0.00	0.50
ENSG00000242607	3.50	2.00
ENSG00000242608	0.00	0.00
ENSG00000242609	0.00	0.00
ENSG00000242610	0.00	0.00
ENSG00000242612	94.00	108.00
ENSG00000242613	0.00	0.50
ENSG00000242615	13.75	15.00
ENSG00000242616	810.25	1011.25
ENSG00000242634	0.25	0.00
ENSG00000242635	0.00	0.00
ENSG00000242636	0.00	0.00
ENSG00000242640	0.00	0.00
ENSG00000242654	0.00	0.00
ENSG00000242660	0.00	0.00
ENSG00000242661	0.00	0.00
ENSG00000242667	0.25	0.25

ENSG00000242670	0.00	0.00
ENSG00000242675	0.50	0.00
ENSG00000242683	0.00	0.00
ENSG00000242685	36.50	33.00
ENSG00000242689	7.25	9.00
ENSG00000242692	0.00	0.25
ENSG00000242697	0.00	0.00
ENSG00000242703	0.00	0.00
ENSG00000242705	0.00	0.00
ENSG00000242706	0.00	0.00
ENSG00000242709	0.00	0.00
ENSG00000242711	12.50	11.75
ENSG00000242715	88.75	60.50
ENSG00000242726	0.00	0.75
ENSG00000242727	0.00	0.00
ENSG00000242728	0.00	0.00
ENSG00000242729	0.00	0.00
ENSG00000242731	0.75	0.25
ENSG00000242732	573.75	715.00
ENSG00000242735	0.50	0.00
ENSG00000242736	0.00	0.00
ENSG00000242737	0.25	0.50
ENSG00000242747	0.00	0.25
ENSG00000242748	2.50	2.75
ENSG00000242752	0.00	0.00
ENSG00000242756	0.00	0.00
ENSG00000242757	0.00	0.00
ENSG00000242766	0.00	0.00
ENSG00000242768	0.00	0.00
ENSG00000242771	0.00	0.00
ENSG00000242779	124.50	93.50
ENSG00000242793	0.00	0.00
ENSG00000242802	923.00	1035.50
ENSG00000242807	0.00	0.00
ENSG00000242810	0.25	1.00
ENSG00000242814	0.50	0.25
ENSG00000242829	0.25	0.00
ENSG00000242834	0.00	0.00
ENSG00000242836	0.00	0.25
ENSG00000242837	0.00	0.00
ENSG00000242841	0.00	0.00
ENSG00000242849	0.00	0.25
ENSG00000242850	0.00	0.25

ENSG00000242852	68.25	23.50
ENSG00000242854	0.00	0.25
ENSG00000242856	0.00	0.00
ENSG00000242858	0.75	1.25
ENSG00000242866	5.75	5.75
ENSG00000242875	0.00	0.00
ENSG00000242879	0.50	0.00
ENSG00000242882	1.25	1.00
ENSG00000242887	0.00	0.00
ENSG00000242888	0.00	0.00
ENSG00000242899	0.00	0.00
ENSG00000242911	0.00	0.00
ENSG00000242915	0.00	0.00
ENSG00000242922	0.25	0.00
ENSG00000242931	0.00	0.00
ENSG00000242936	0.00	0.00
ENSG00000242941	0.50	0.25
ENSG00000242943	0.00	0.25
ENSG00000242945	0.00	0.00
ENSG00000242948	6.50	5.00
ENSG00000242950	94.75	74.00
ENSG00000242951	0.75	0.00
ENSG00000242952	0.25	0.25
ENSG00000242953	0.25	0.00
ENSG00000242958	0.00	0.25
ENSG00000242960	13.50	9.00
ENSG00000242963	0.00	0.00
ENSG00000242968	0.50	0.50
ENSG00000242970	0.50	0.25
ENSG00000242978	0.00	0.00
ENSG00000242979	0.00	0.00
ENSG00000242983	0.00	0.00
ENSG00000242986	0.25	0.50
ENSG00000242990	0.00	0.25
ENSG00000242991	0.00	0.00
ENSG00000242992	2.50	2.75
ENSG00000242993	0.25	1.00
ENSG00000242995	0.00	0.00
ENSG00000243003	0.00	0.00
ENSG00000243007	0.25	0.25
ENSG00000243009	0.00	0.00
ENSG00000243014	0.25	0.25
ENSG00000243016	0.00	0.00

ENSG00000243020	0.00	0.00
ENSG00000243022	0.00	0.00
ENSG00000243023	0.00	0.00
ENSG00000243024	7.75	4.25
ENSG00000243025	1.00	0.75
ENSG00000243033	0.25	0.00
ENSG00000243038	2.75	1.50
ENSG00000243040	0.25	0.25
ENSG00000243044	0.00	0.00
ENSG00000243048	0.00	0.00
ENSG00000243050	0.00	0.00
ENSG00000243053	0.00	0.50
ENSG00000243056	159.75	151.50
ENSG00000243058	0.00	0.00
ENSG00000243063	0.00	0.00
ENSG00000243064	1.75	1.50
ENSG00000243067	32.75	21.00
ENSG00000243071	1.75	1.25
ENSG00000243072	0.00	0.00
ENSG00000243073	0.00	0.00
ENSG00000243085	0.00	0.00
ENSG00000243094	1.50	1.50
ENSG00000243095	0.00	0.00
ENSG00000243099	0.00	0.00
ENSG00000243101	0.25	0.00
ENSG00000243104	0.00	0.25
ENSG00000243116	0.50	0.50
ENSG00000243122	0.00	0.00
ENSG00000243129	0.00	0.50
ENSG00000243130	6.75	1.75
ENSG00000243135	0.00	0.00
ENSG00000243137	309.00	114.25
ENSG00000243141	0.25	0.25
ENSG00000243147	409.25	417.25
ENSG00000243154	0.00	0.00
ENSG00000243156	761.50	578.00
ENSG00000243160	0.00	0.00
ENSG00000243164	0.00	0.00
ENSG00000243165	0.00	0.00
ENSG00000243167	1.50	0.00
ENSG00000243171	0.00	0.00
ENSG00000243175	5.50	6.50
ENSG00000243181	1.25	0.50

ENSG00000243188	0.00	0.00
ENSG00000243189	36.50	33.00
ENSG00000243195	0.00	0.00
ENSG00000243199	172.75	190.50
ENSG00000243207	44.00	56.00
ENSG00000243215	36.50	33.00
ENSG00000243225	0.00	0.00
ENSG00000243232	7.50	12.25
ENSG00000243234	1.25	0.50
ENSG00000243236	1.00	0.00
ENSG00000243238	0.00	0.00
ENSG00000243244	1070.00	2495.75
ENSG00000243250	0.00	0.00
ENSG00000243251	2.00	2.75
ENSG00000243256	0.00	0.25
ENSG00000243257	0.00	0.00
ENSG00000243264	0.00	0.00
ENSG00000243265	0.00	0.50
ENSG00000243279	762.75	580.75
ENSG00000243280	0.00	0.25
ENSG00000243284	14.50	7.75
ENSG00000243287	0.00	0.00
ENSG00000243289	2.00	2.75
ENSG00000243290	0.00	0.00
ENSG00000243297	0.50	0.25
ENSG00000243302	168.50	145.75
ENSG00000243303	0.00	0.00
ENSG00000243304	2.00	2.25
ENSG00000243307	0.75	0.50
ENSG00000243312	0.00	0.25
ENSG00000243314	0.00	0.25
ENSG00000243316	0.00	0.25
ENSG00000243317	737.25	791.75
ENSG00000243323	8.50	5.00
ENSG00000243328	0.00	0.00
ENSG00000243335	647.25	529.50
ENSG00000243336	0.00	0.00
ENSG00000243353	0.75	0.25
ENSG00000243355	0.00	0.00
ENSG00000243364	107.75	53.75
ENSG00000243378	0.00	0.00
ENSG00000243385	0.00	0.00
ENSG00000243388	0.75	0.75

ENSG00000243396	0.00	0.25
ENSG00000243402	0.00	0.25
ENSG00000243403	0.50	0.75
ENSG00000243404	0.00	0.25
ENSG00000243406	105.25	89.25
ENSG00000243414	225.75	160.50
ENSG00000243417	0.00	0.00
ENSG00000243422	12.75	11.25
ENSG00000243423	0.50	0.50
ENSG00000243429	0.75	0.50
ENSG00000243431	7.25	4.75
ENSG00000243438	0.00	0.00
ENSG00000243440	1.50	1.50
ENSG00000243441	0.00	0.00
ENSG00000243444	5.00	29.75
ENSG00000243445	0.00	0.25
ENSG00000243449	55.25	69.25
ENSG00000243453	0.00	0.00
ENSG00000243455	0.25	0.00
ENSG00000243466	0.00	0.00
ENSG00000243468	0.75	1.50
ENSG00000243469	0.00	0.00
ENSG00000243477	142.25	121.75
ENSG00000243478	1.75	1.50
ENSG00000243480	0.00	0.25
ENSG00000243483	0.50	0.00
ENSG00000243489	0.00	0.00
ENSG00000243492	12.50	10.00
ENSG00000243494	0.00	0.00
ENSG00000243495	0.00	0.00
ENSG00000243496	0.25	0.00
ENSG00000243498	0.25	0.25
ENSG00000243499	0.00	0.00
ENSG00000243501	1.25	1.25
ENSG00000243503	0.50	0.00
ENSG00000243504	0.75	0.25
ENSG00000243507	0.00	0.00
ENSG00000243508	0.00	0.00
ENSG00000243509	9.75	5.50
ENSG00000243514	0.00	0.00
ENSG00000243516	0.00	0.00
ENSG00000243517	2.50	2.00
ENSG00000243518	0.00	0.00

ENSG00000243519	0.50	0.00
ENSG00000243521	0.00	0.00
ENSG00000243531	0.00	0.00
ENSG00000243537	0.00	0.00
ENSG00000243538	0.00	0.00
ENSG00000243543	0.00	0.00
ENSG00000243547	0.00	0.50
ENSG00000243554	24.25	18.00
ENSG00000243566	1.25	0.75
ENSG00000243568	5.75	7.00
ENSG00000243570	333.50	222.25
ENSG00000243581	0.00	0.00
ENSG00000243584	0.25	0.00
ENSG00000243587	7.00	7.00
ENSG00000243592	0.25	0.25
ENSG00000243594	34.25	21.75
ENSG00000243596	0.00	0.00
ENSG00000243601	0.00	0.00
ENSG00000243607	0.00	0.00
ENSG00000243609	0.00	0.00
ENSG00000243612	0.50	0.25
ENSG00000243621	0.00	0.00
ENSG00000243627	1.50	0.25
ENSG00000243635	0.00	0.00
ENSG00000243641	0.00	0.00
ENSG00000243643	0.00	0.00
ENSG00000243646	869.75	931.75
ENSG00000243648	1.00	1.00
ENSG00000243649	53.00	51.50
ENSG00000243658	0.00	0.00
ENSG00000243659	0.50	0.50
ENSG00000243660	92.00	68.25
ENSG00000243661	0.00	0.00
ENSG00000243663	0.25	1.00
ENSG00000243664	0.00	0.00
ENSG00000243667	313.25	283.50
ENSG00000243669	0.00	0.00
ENSG00000243672	0.00	0.00
ENSG00000243674	0.00	0.00
ENSG00000243675	0.25	0.00
ENSG00000243678	4454.50	4183.75
ENSG00000243679	80.50	80.25
ENSG00000243680	0.25	0.25

ENSG00000243686	1.00	1.25
ENSG00000243687	0.25	0.00
ENSG00000243695	0.50	0.00
ENSG00000243696	27.00	23.50
ENSG00000243697	7.25	4.25
ENSG00000243705	0.00	0.00
ENSG00000243708	22.75	22.50
ENSG00000243709	1.00	0.75
ENSG00000243710	10.50	15.25
ENSG00000243711	0.50	1.00
ENSG00000243716	681.75	771.50
ENSG00000243719	36.50	33.00
ENSG00000243720	0.25	0.00
ENSG00000243721	0.00	0.25
ENSG00000243725	365.50	316.50
ENSG00000243729	0.00	0.00
ENSG00000243730	0.25	0.50
ENSG00000243742	59.75	11.00
ENSG00000243744	0.00	0.00
ENSG00000243746	2.00	2.25
ENSG00000243749	548.50	596.50
ENSG00000243753	63.25	57.25
ENSG00000243758	0.00	0.00
ENSG00000243759	0.50	0.25
ENSG00000243761	0.00	0.00
ENSG00000243771	0.00	0.00
ENSG00000243772	0.00	0.00
ENSG00000243775	7.75	4.25
ENSG00000243777	0.00	0.00
ENSG00000243779	0.00	0.00
ENSG00000243780	0.00	0.00
ENSG00000243781	0.00	1.00
ENSG00000243789	81.25	53.75
ENSG00000243792	0.00	0.00
ENSG00000243794	0.00	0.00
ENSG00000243802	0.75	0.00
ENSG00000243804	0.00	0.00
ENSG00000243806	0.00	0.00
ENSG00000243811	39.00	51.75
ENSG00000243813	0.25	0.25
ENSG00000243822	0.00	0.00
ENSG00000243824	0.50	0.25
ENSG00000243828	0.25	0.00

ENSG00000243829	1.25	0.75
ENSG00000243830	0.50	0.25
ENSG00000243831	0.00	0.00
ENSG00000243838	0.00	0.00
ENSG00000243844	0.00	0.50
ENSG00000243853	0.00	0.00
ENSG00000243855	0.00	0.00
ENSG00000243859	0.00	0.25
ENSG00000243864	0.00	0.00
ENSG00000243873	0.00	0.00
ENSG00000243877	0.00	0.00
ENSG00000243886	0.50	0.25
ENSG00000243889	0.00	0.00
ENSG00000243894	0.00	0.00
ENSG00000243896	28.00	19.25
ENSG00000243897	33.50	28.25
ENSG00000243904	0.50	0.00
ENSG00000243910	0.25	0.25
ENSG00000243914	0.00	0.00
ENSG00000243915	0.00	0.00
ENSG00000243916	0.00	0.00
ENSG00000243918	0.00	0.00
ENSG00000243920	0.00	0.00
ENSG00000243925	0.00	0.00
ENSG00000243927	700.00	497.00
ENSG00000243929	0.00	0.00
ENSG00000243930	0.50	0.75
ENSG00000243939	0.00	0.00
ENSG00000243943	703.75	472.50
ENSG00000243945	0.00	0.00
ENSG00000243955	0.00	0.00
ENSG00000243958	12.75	11.25
ENSG00000243964	1.25	0.75
ENSG00000243967	0.00	0.00
ENSG00000243970	42.75	26.25
ENSG00000243974	0.00	0.50
ENSG00000243977	0.75	0.25
ENSG00000243978	20.00	29.75
ENSG00000243979	0.25	0.00
ENSG00000243981	0.75	1.50
ENSG00000243986	0.00	0.50
ENSG00000243988	0.00	0.00
ENSG00000243989	298.50	285.75

ENSG00000243995	0.00	0.50
ENSG00000244000	0.00	0.00
ENSG00000244002	0.00	0.00
ENSG00000244004	0.00	0.25
ENSG00000244005	344.25	340.25
ENSG00000244009	0.00	0.25
ENSG00000244018	2.00	0.25
ENSG00000244019	0.00	0.25
ENSG00000244020	0.00	0.00
ENSG00000244021	1.00	0.00
ENSG00000244024	0.00	0.00
ENSG00000244025	0.00	0.00
ENSG00000244026	121.75	96.50
ENSG00000244031	0.00	0.00
ENSG00000244038	5338.25	4829.50
ENSG00000244039	0.00	0.00
ENSG00000244043	0.00	0.00
ENSG00000244045	262.00	281.50
ENSG00000244048	0.00	0.00
ENSG00000244050	47.75	43.50
ENSG00000244052	0.25	0.00
ENSG00000244053	0.50	1.00
ENSG00000244057	0.00	0.00
ENSG00000244060	0.00	0.00
ENSG00000244061	1.25	1.00
ENSG00000244062	0.00	0.00
ENSG00000244065	0.25	0.00
ENSG00000244067	0.00	0.00
ENSG00000244071	0.00	0.00
ENSG00000244073	3.75	1.00
ENSG00000244076	0.00	0.00
ENSG00000244081	0.00	0.00
ENSG00000244083	0.00	0.00
ENSG00000244086	0.50	0.00
ENSG00000244088	0.25	0.00
ENSG00000244089	0.00	0.00
ENSG00000244094	0.00	0.00
ENSG00000244097	0.75	0.25
ENSG00000244099	0.00	0.00
ENSG00000244101	0.75	0.25
ENSG00000244113	0.75	0.50
ENSG00000244115	254.00	276.75
ENSG00000244116	0.00	0.00

ENSG00000244119	2.50	1.25
ENSG00000244122	0.00	0.50
ENSG00000244130	0.00	0.00
ENSG00000244131	0.25	0.00
ENSG00000244134	0.75	0.75
ENSG00000244142	0.00	0.00
ENSG00000244144	0.00	0.00
ENSG00000244146	0.00	0.25
ENSG00000244153	0.00	0.00
ENSG00000244155	0.00	0.00
ENSG00000244157	0.00	0.00
ENSG00000244159	0.50	0.25
ENSG00000244165	79.50	131.50
ENSG00000244167	4.50	4.25
ENSG00000244171	0.00	0.00
ENSG00000244176	0.25	0.25
ENSG00000244183	1.00	1.00
ENSG00000244187	259.50	212.50
ENSG00000244192	0.00	0.25
ENSG00000244193	0.00	0.25
ENSG00000244196	0.00	0.25
ENSG00000244199	0.00	0.00
ENSG00000244207	447.00	291.75
ENSG00000244211	0.00	0.00
ENSG00000244213	0.00	0.25
ENSG00000244217	0.50	0.00
ENSG00000244222	0.00	0.00
ENSG00000244226	0.00	0.00
ENSG00000244229	0.50	0.00
ENSG00000244234	0.00	0.00
ENSG00000244235	0.00	0.00
ENSG00000244237	0.25	0.00
ENSG00000244242	123.25	99.25
ENSG00000244244	0.00	0.00
ENSG00000244245	0.00	0.00
ENSG00000244246	0.00	0.00
ENSG00000244249	0.00	0.00
ENSG00000244251	0.25	0.00
ENSG00000244253	0.00	0.00
ENSG00000244255	108.25	15.75
ENSG00000244257	933.75	983.25
ENSG00000244259	0.25	0.00
ENSG00000244266	0.00	0.00

ENSG00000244267	0.00	1.00
ENSG00000244270	124.25	89.25
ENSG00000244273	0.00	0.00
ENSG00000244274	260.00	416.75
ENSG00000244280	0.50	1.00
ENSG00000244281	0.50	0.00
ENSG00000244283	0.00	0.00
ENSG00000244289	0.00	0.00
ENSG00000244292	0.00	0.00
ENSG00000244295	0.00	0.00
ENSG00000244301	3.25	14.00
ENSG00000244306	243.25	276.75
ENSG00000244313	4.25	0.50
ENSG00000244329	0.00	0.00
ENSG00000244331	0.25	0.25
ENSG00000244346	0.25	0.75
ENSG00000244355	0.00	0.00
ENSG00000244361	0.00	0.25
ENSG00000244362	0.00	0.00
ENSG00000244363	4.25	3.75
ENSG00000244371	16.50	9.50
ENSG00000244378	5.50	4.25
ENSG00000244381	0.00	0.00
ENSG00000244390	0.00	0.00
ENSG00000244395	0.00	0.00
ENSG00000244398	3410.00	3072.25
ENSG00000244400	0.00	0.00
ENSG00000244405	432.00	624.25
ENSG00000244411	1.75	0.75
ENSG00000244413	0.00	0.00
ENSG00000244414	12.50	6.75
ENSG00000244422	0.00	0.00
ENSG00000244427	0.00	0.00
ENSG00000244429	0.00	0.00
ENSG00000244432	0.00	0.00
ENSG00000244436	0.00	0.00
ENSG00000244437	0.00	0.00
ENSG00000244441	0.25	0.00
ENSG00000244444	1.50	1.00
ENSG00000244451	0.00	0.25
ENSG00000244456	0.00	0.00
ENSG00000244457	1.00	0.50
ENSG00000244462	1013.25	1388.25

ENSG00000244470	0.00	0.00
ENSG00000244474	0.00	0.00
ENSG00000244476	0.00	0.25
ENSG00000244480	34.00	26.50
ENSG00000244482	0.75	1.25
ENSG00000244485	0.00	0.00
ENSG00000244486	1023.25	1267.75
ENSG00000244490	0.00	0.75
ENSG00000244503	0.00	0.25
ENSG00000244509	1869.50	1366.50
ENSG00000244510	0.50	0.00
ENSG00000244515	4.00	4.25
ENSG00000244527	0.00	0.25
ENSG00000244528	0.75	1.25
ENSG00000244535	0.00	0.00
ENSG00000244537	0.00	0.00
ENSG00000244538	0.50	0.75
ENSG00000244540	0.00	0.00
ENSG00000244551	0.00	0.00
ENSG00000244556	2.25	1.00
ENSG00000244559	0.00	0.00
ENSG00000244560	235.25	233.50
ENSG00000244561	0.00	0.00
ENSG00000244563	14.25	11.50
ENSG00000244565	0.00	0.00
ENSG00000244571	0.00	0.00
ENSG00000244573	0.25	0.50
ENSG00000244575	0.00	0.00
ENSG00000244582	1.00	1.50
ENSG00000244585	0.25	0.00
ENSG00000244588	1.00	1.75
ENSG00000244593	0.00	0.25
ENSG00000244604	0.00	0.00
ENSG00000244607	21.50	36.25
ENSG00000244615	0.00	0.00
ENSG00000244617	19.25	21.00
ENSG00000244621	0.00	0.00
ENSG00000244623	0.50	1.25
ENSG00000244624	0.00	0.00
ENSG00000244627	83.00	81.25
ENSG00000244630	0.00	0.00
ENSG00000244640	0.00	0.00
ENSG00000244641	0.00	0.00

ENSG00000244646	0.00	0.25
ENSG00000244652	0.00	0.00
ENSG00000244653	0.00	0.00
ENSG00000244657	0.25	0.00
ENSG00000244661	0.00	0.00
ENSG00000244662	0.00	0.00
ENSG00000244668	2.50	1.25
ENSG00000244669	0.00	0.00
ENSG00000244672	9.50	11.25
ENSG00000244674	0.00	0.00
ENSG00000244681	7.50	4.50
ENSG00000244682	1.00	0.25
ENSG00000244687	2546.00	2330.25
ENSG00000244691	0.00	0.00
ENSG00000244693	33.25	38.75
ENSG00000244694	210.00	121.25
ENSG00000244699	0.50	0.00
ENSG00000244703	0.25	0.00
ENSG00000244705	0.75	1.25
ENSG00000244708	0.00	0.00
ENSG00000244712	0.25	0.00
ENSG00000244716	6.25	5.25
ENSG00000244717	0.00	0.00
ENSG00000244720	0.00	0.00
ENSG00000244721	5.50	6.75
ENSG00000244722	0.25	0.25
ENSG00000244723	7.75	4.25
ENSG00000244730	0.00	0.00
ENSG00000244731	122.50	61.50
ENSG00000244734	0.00	0.25
ENSG00000244740	0.25	0.00
ENSG00000244743	0.00	0.00
ENSG00000244752	0.00	0.00
ENSG00000244753	0.00	0.25
ENSG00000244754	1747.75	1523.00
ENSG00000244756	0.00	0.50
ENSG00000244921	0.75	1.00
ENSG00000244932	8.75	7.25
ENSG00000245205	6.25	3.75
ENSG00000245680	452.25	356.00
ENSG00000245848	4.25	4.25
ENSG00000245958	158.00	122.75
ENSG00000246082	7.75	9.00

ENSG00000246115	0.00	0.00
ENSG00000246203	21.25	17.75
ENSG00000246575	13.50	11.00
ENSG00000246596	32.00	35.75
ENSG00000246705	551.75	852.75
ENSG00000246922	50.75	41.75
ENSG00000247077	228.00	271.25
ENSG00000247315	348.75	272.50
ENSG00000247570	0.25	0.00
ENSG00000247595	5.75	9.25
ENSG00000247596	905.50	854.00
ENSG00000247626	37.00	48.50
ENSG00000247627	19.00	24.75
ENSG00000247700	9.75	15.25
ENSG00000247732	0.25	0.00
ENSG00000247746	68.00	41.25
ENSG00000247763	0.25	0.50
ENSG00000247872	0.00	0.00
ENSG00000247911	0.00	0.00
ENSG00000248098	139.75	122.75
ENSG00000248099	1.00	1.25
ENSG00000248104	0.00	0.00
ENSG00000248105	0.00	0.00
ENSG00000248106	0.00	0.00
ENSG00000248113	0.00	0.00
ENSG00000248114	0.00	0.25
ENSG00000248117	0.00	0.00
ENSG00000248120	0.00	0.00
ENSG00000248121	28.50	22.25
ENSG00000248122	0.00	0.00
ENSG00000248124	190.00	139.75
ENSG00000248126	2.75	1.00
ENSG00000248128	0.00	0.00
ENSG00000248133	0.00	0.00
ENSG00000248134	0.00	0.00
ENSG00000248136	0.00	0.00
ENSG00000248139	0.00	0.00
ENSG00000248144	61.75	69.75
ENSG00000248155	0.00	0.00
ENSG00000248156	0.00	0.00
ENSG00000248159	2.00	1.00
ENSG00000248160	0.00	0.00
ENSG00000248162	0.75	2.00

ENSG00000248167	4.00	0.00
ENSG00000248170	0.00	0.00
ENSG00000248180	0.25	1.50
ENSG00000248182	0.00	0.00
ENSG00000248185	0.00	0.00
ENSG00000248188	0.50	0.50
ENSG00000248191	0.00	0.00
ENSG00000248196	0.25	0.50
ENSG00000248200	0.00	0.25
ENSG00000248205	0.00	0.00
ENSG00000248208	0.00	0.00
ENSG00000248209	0.00	0.00
ENSG00000248213	7.25	6.75
ENSG00000248216	0.00	0.00
ENSG00000248229	0.00	0.00
ENSG00000248230	4.50	2.50
ENSG00000248231	0.00	0.00
ENSG00000248234	0.00	0.00
ENSG00000248235	6.25	4.25
ENSG00000248236	0.00	0.00
ENSG00000248237	0.00	0.00
ENSG00000248249	0.00	0.00
ENSG00000248257	1.00	0.50
ENSG00000248259	0.00	0.00
ENSG00000248271	0.00	0.00
ENSG00000248278	4.50	4.25
ENSG00000248281	0.00	0.00
ENSG00000248282	0.00	0.00
ENSG00000248283	0.00	0.00
ENSG00000248286	0.00	0.00
ENSG00000248287	0.00	0.25
ENSG00000248288	0.00	0.00
ENSG00000248290	5.50	1.00
ENSG00000248293	0.00	0.00
ENSG00000248295	0.00	0.00
ENSG00000248302	0.00	0.00
ENSG00000248305	0.00	0.00
ENSG00000248308	0.00	0.00
ENSG00000248313	0.00	0.00
ENSG00000248315	0.00	0.00
ENSG00000248320	3.25	1.75
ENSG00000248327	0.00	0.25
ENSG00000248328	0.00	0.00

ENSG00000248329	3.75	4.25
ENSG00000248333	1336.75	1307.25
ENSG00000248334	26.50	24.50
ENSG00000248336	0.00	0.00
ENSG00000248337	0.25	0.00
ENSG00000248340	0.00	0.00
ENSG00000248347	0.25	0.75
ENSG00000248349	0.00	0.00
ENSG00000248350	0.00	0.00
ENSG00000248351	0.00	0.00
ENSG00000248352	1.50	1.25
ENSG00000248355	0.00	0.00
ENSG00000248364	0.25	0.00
ENSG00000248365	0.00	0.00
ENSG00000248366	0.00	0.00
ENSG00000248374	0.00	0.00
ENSG00000248375	8.75	7.00
ENSG00000248376	0.00	0.25
ENSG00000248377	0.00	0.00
ENSG00000248383	2.50	1.00
ENSG00000248385	0.50	0.50
ENSG00000248387	0.25	0.00
ENSG00000248394	0.00	0.25
ENSG00000248396	0.00	0.00
ENSG00000248400	0.00	0.00
ENSG00000248401	0.25	0.25
ENSG00000248403	0.00	0.00
ENSG00000248405	1.00	0.00
ENSG00000248406	0.75	1.75
ENSG00000248409	0.00	0.00
ENSG00000248415	0.25	0.00
ENSG00000248418	0.00	0.00
ENSG00000248419	0.00	0.00
ENSG00000248420	0.00	0.00
ENSG00000248422	0.00	0.00
ENSG00000248423	0.25	0.00
ENSG00000248424	0.00	0.25
ENSG00000248426	0.00	0.00
ENSG00000248430	0.00	0.00
ENSG00000248439	0.00	0.00
ENSG00000248442	0.00	0.00
ENSG00000248444	0.00	0.00
ENSG00000248447	0.00	0.00

ENSG00000248448	0.00	0.00
ENSG00000248449	5.50	4.75
ENSG00000248452	0.00	0.00
ENSG00000248459	0.00	0.00
ENSG00000248462	0.00	0.00
ENSG00000248466	0.25	0.00
ENSG00000248471	0.00	0.00
ENSG00000248472	4.00	6.25
ENSG00000248477	5.50	3.50
ENSG00000248480	0.00	0.00
ENSG00000248483	10.50	9.50
ENSG00000248485	2.50	1.00
ENSG00000248487	252.00	230.75
ENSG00000248488	0.00	0.00
ENSG00000248493	0.00	0.00
ENSG00000248496	1.25	1.00
ENSG00000248498	1.25	0.00
ENSG00000248503	17.50	16.75
ENSG00000248506	0.00	0.00
ENSG00000248507	0.00	0.00
ENSG00000248521	0.00	0.00
ENSG00000248522	0.00	0.00
ENSG00000248527	5235.00	4943.75
ENSG00000248530	0.00	0.00
ENSG00000248531	0.00	0.00
ENSG00000248532	0.00	0.00
ENSG00000248542	0.00	0.25
ENSG00000248543	0.00	0.00
ENSG00000248546	0.00	0.00
ENSG00000248547	0.00	0.00
ENSG00000248548	0.00	0.00
ENSG00000248552	0.00	0.00
ENSG00000248553	0.50	0.25
ENSG00000248557	2.50	2.50
ENSG00000248560	0.25	0.00
ENSG00000248563	0.00	0.00
ENSG00000248564	0.00	0.25
ENSG00000248565	0.00	0.00
ENSG00000248568	0.00	0.00
ENSG00000248569	0.00	0.00
ENSG00000248573	0.00	0.00
ENSG00000248574	0.00	0.00
ENSG00000248577	0.00	0.00

ENSG00000248578	0.00	0.00
ENSG00000248583	4.50	3.50
ENSG00000248585	0.00	0.00
ENSG00000248586	0.25	0.25
ENSG00000248590	0.00	0.00
ENSG00000248591	0.00	0.00
ENSG00000248592	54.75	39.25
ENSG00000248593	71.00	43.50
ENSG00000248608	0.00	0.00
ENSG00000248610	1.00	2.00
ENSG00000248611	0.00	0.00
ENSG00000248613	0.00	0.00
ENSG00000248616	0.00	0.00
ENSG00000248618	0.25	0.25
ENSG00000248621	0.00	0.00
ENSG00000248625	0.00	0.00
ENSG00000248626	0.75	2.00
ENSG00000248632	38.75	39.50
ENSG00000248633	0.25	0.00
ENSG00000248635	0.00	0.00
ENSG00000248637	0.00	0.00
ENSG00000248639	0.00	0.00
ENSG00000248640	0.00	0.00
ENSG00000248641	1.00	2.00
ENSG00000248642	0.00	0.00
ENSG00000248643	60.25	47.25
ENSG00000248645	0.00	0.00
ENSG00000248648	1.75	0.00
ENSG00000248651	0.00	0.00
ENSG00000248652	0.00	0.00
ENSG00000248654	0.00	0.00
ENSG00000248655	0.00	0.00
ENSG00000248659	0.00	0.00
ENSG00000248660	0.00	0.00
ENSG00000248669	0.00	0.00
ENSG00000248672	12.50	22.50
ENSG00000248674	0.00	0.00
ENSG00000248684	0.00	0.00
ENSG00000248687	0.00	0.00
ENSG00000248696	0.00	0.00
ENSG00000248697	0.25	0.00
ENSG00000248699	0.00	0.00
ENSG00000248702	0.00	0.00

ENSG00000248704	0.00	0.00
ENSG00000248705	0.00	0.25
ENSG00000248710	17.50	6.75
ENSG00000248711	0.00	0.25
ENSG00000248712	25.00	22.00
ENSG00000248713	0.00	0.00
ENSG00000248715	0.00	0.00
ENSG00000248716	0.00	0.00
ENSG00000248720	0.00	0.00
ENSG00000248722	0.00	0.00
ENSG00000248725	0.00	0.00
ENSG00000248729	0.50	0.00
ENSG00000248735	0.00	0.00
ENSG00000248739	0.00	0.00
ENSG00000248745	0.00	0.00
ENSG00000248746	1.25	2.00
ENSG00000248748	0.00	0.00
ENSG00000248750	0.00	0.00
ENSG00000248751	23.75	20.00
ENSG00000248755	0.00	0.00
ENSG00000248761	0.00	0.00
ENSG00000248763	0.00	0.00
ENSG00000248765	0.75	0.00
ENSG00000248766	0.00	0.00
ENSG00000248769	0.25	1.75
ENSG00000248770	0.00	0.00
ENSG00000248772	0.00	0.00
ENSG00000248775	0.00	0.00
ENSG00000248777	0.00	0.00
ENSG00000248778	0.00	0.00
ENSG00000248780	0.00	0.25
ENSG00000248781	0.00	0.25
ENSG00000248785	0.50	0.00
ENSG00000248791	0.00	0.00
ENSG00000248792	0.00	0.00
ENSG00000248794	2.25	1.75
ENSG00000248795	0.25	0.00
ENSG00000248796	0.00	0.00
ENSG00000248803	0.00	0.00
ENSG00000248807	0.00	0.00
ENSG00000248817	0.00	0.00
ENSG00000248820	0.00	0.00
ENSG00000248821	0.00	0.00

ENSG00000248822	0.00	0.00
ENSG00000248824	0.00	0.00
ENSG00000248826	0.00	0.00
ENSG00000248827	0.00	0.00
ENSG00000248830	1.50	1.25
ENSG00000248831	0.00	0.00
ENSG00000248834	0.00	0.00
ENSG00000248838	0.00	0.00
ENSG00000248840	1.50	1.75
ENSG00000248843	0.00	0.25
ENSG00000248847	0.00	0.00
ENSG00000248848	0.00	0.00
ENSG00000248850	0.00	0.00
ENSG00000248851	0.00	0.00
ENSG00000248853	0.00	0.00
ENSG00000248854	1.50	1.00
ENSG00000248861	0.00	0.00
ENSG00000248863	1.50	0.50
ENSG00000248867	0.00	0.00
ENSG00000248871	21.25	10.75
ENSG00000248873	0.00	0.00
ENSG00000248877	0.00	0.00
ENSG00000248878	0.00	0.00
ENSG00000248880	0.00	0.00
ENSG00000248883	0.00	0.00
ENSG00000248885	0.00	0.00
ENSG00000248886	0.00	0.00
ENSG00000248891	0.00	0.00
ENSG00000248895	0.50	0.00
ENSG00000248903	0.25	0.00
ENSG00000248905	725.25	480.50
ENSG00000248907	0.00	0.00
ENSG00000248909	1.25	0.25
ENSG00000248911	0.00	0.00
ENSG00000248913	0.00	0.00
ENSG00000248915	0.00	0.00
ENSG00000248916	2.75	2.75
ENSG00000248919	163.75	134.25
ENSG00000248920	0.00	0.00
ENSG00000248921	0.00	0.00
ENSG00000248923	9.00	10.00
ENSG00000248924	0.00	0.00
ENSG00000248926	0.00	0.00

ENSG00000248928	0.00	0.00
ENSG00000248929	0.00	0.00
ENSG00000248930	0.00	0.00
ENSG00000248931	0.00	0.00
ENSG00000248933	0.00	0.00
ENSG00000248944	0.00	0.00
ENSG00000248946	0.50	1.00
ENSG00000248950	0.00	0.00
ENSG00000248951	0.00	0.00
ENSG00000248955	0.00	0.00
ENSG00000248956	0.00	0.00
ENSG00000248958	0.00	0.00
ENSG00000248966	0.00	0.00
ENSG00000248967	0.00	0.00
ENSG00000248971	5.75	6.50
ENSG00000248977	0.00	0.00
ENSG00000248978	0.00	0.00
ENSG00000248979	0.50	0.00
ENSG00000248987	0.00	0.00
ENSG00000248988	0.00	0.00
ENSG00000248989	1.00	2.25
ENSG00000248993	0.00	0.00
ENSG00000248998	0.00	0.00
ENSG00000248999	0.00	0.00
ENSG00000249002	0.00	0.00
ENSG00000249003	0.00	0.50
ENSG00000249004	0.00	0.00
ENSG00000249005	1.25	1.50
ENSG00000249006	0.50	0.00
ENSG00000249012	0.00	0.00
ENSG00000249013	0.50	0.25
ENSG00000249014	0.00	0.25
ENSG00000249018	0.00	0.00
ENSG00000249019	0.00	0.00
ENSG00000249025	0.00	0.00
ENSG00000249026	0.00	0.25
ENSG00000249030	0.00	0.00
ENSG00000249031	0.00	0.25
ENSG00000249038	0.00	0.00
ENSG00000249045	0.00	0.00
ENSG00000249047	0.75	0.50
ENSG00000249048	0.00	0.00
ENSG00000249050	0.00	0.00

ENSG00000249051	0.00	0.00
ENSG00000249053	0.00	0.00
ENSG00000249055	0.00	0.00
ENSG00000249056	0.00	0.00
ENSG00000249064	0.00	0.00
ENSG00000249065	0.00	0.25
ENSG00000249068	0.00	0.00
ENSG00000249072	2678.50	1868.25
ENSG00000249074	0.00	0.00
ENSG00000249077	0.00	1.00
ENSG00000249079	0.25	0.25
ENSG00000249081	0.00	0.00
ENSG00000249089	0.00	0.00
ENSG00000249092	0.50	0.25
ENSG00000249098	0.25	0.00
ENSG00000249101	0.00	0.00
ENSG00000249103	0.00	0.00
ENSG00000249104	0.00	0.00
ENSG00000249105	0.00	0.00
ENSG00000249115	209.50	134.00
ENSG00000249119	1.25	1.00
ENSG00000249123	0.50	1.00
ENSG00000249127	0.00	0.00
ENSG00000249129	0.00	0.50
ENSG00000249135	0.00	0.00
ENSG00000249138	0.00	0.25
ENSG00000249139	0.00	0.00
ENSG00000249140	0.25	0.50
ENSG00000249141	0.00	0.00
ENSG00000249142	0.25	0.00
ENSG00000249148	0.75	0.50
ENSG00000249149	0.00	0.00
ENSG00000249156	0.00	3.50
ENSG00000249157	0.00	0.00
ENSG00000249158	1.25	3.25
ENSG00000249162	0.00	0.00
ENSG00000249170	0.00	0.00
ENSG00000249176	0.00	0.00
ENSG00000249177	0.00	0.00
ENSG00000249183	0.00	0.00
ENSG00000249188	0.75	0.75
ENSG00000249189	0.00	0.00
ENSG00000249191	0.00	0.00

ENSG00000249192	0.00	0.00
ENSG00000249193	0.00	0.25
ENSG00000249197	0.00	0.00
ENSG00000249200	0.00	0.00
ENSG00000249206	0.00	0.00
ENSG00000249209	8.75	5.00
ENSG00000249210	0.00	0.25
ENSG00000249212	0.50	0.25
ENSG00000249213	0.25	0.00
ENSG00000249215	0.25	0.00
ENSG00000249222	0.50	1.25
ENSG00000249226	1.75	1.25
ENSG00000249229	0.00	0.00
ENSG00000249230	11.00	5.25
ENSG00000249235	0.00	0.00
ENSG00000249237	0.25	0.00
ENSG00000249238	0.00	0.25
ENSG00000249239	0.25	0.00
ENSG00000249240	119.25	101.75
ENSG00000249242	31.00	44.50
ENSG00000249244	9.25	4.50
ENSG00000249245	0.75	0.25
ENSG00000249247	0.00	0.00
ENSG00000249251	0.50	0.00
ENSG00000249253	0.00	0.00
ENSG00000249255	0.00	0.00
ENSG00000249256	0.00	0.00
ENSG00000249257	0.00	0.00
ENSG00000249259	0.00	0.00
ENSG00000249262	0.00	0.00
ENSG00000249263	0.25	0.75
ENSG00000249264	14.50	15.75
ENSG00000249266	0.00	0.00
ENSG00000249270	0.00	0.00
ENSG00000249271	0.00	0.00
ENSG00000249272	0.00	0.00
ENSG00000249274	1.00	0.50
ENSG00000249277	0.00	0.00
ENSG00000249278	0.00	0.00
ENSG00000249282	0.00	0.00
ENSG00000249283	0.00	0.00
ENSG00000249284	0.00	0.00
ENSG00000249285	0.00	0.00

ENSG00000249286	3.00	3.25
ENSG00000249287	0.00	0.00
ENSG00000249288	0.25	0.25
ENSG00000249289	0.00	0.00
ENSG00000249301	0.00	0.00
ENSG00000249302	0.00	0.25
ENSG00000249305	0.00	0.00
ENSG00000249311	0.00	0.00
ENSG00000249312	0.00	0.00
ENSG00000249316	11.25	8.25
ENSG00000249319	35.00	24.50
ENSG00000249320	0.00	0.00
ENSG00000249321	0.00	0.00
ENSG00000249329	0.00	0.00
ENSG00000249333	0.00	0.00
ENSG00000249337	2.00	0.50
ENSG00000249338	0.00	0.00
ENSG00000249339	0.00	0.00
ENSG00000249347	0.25	0.25
ENSG00000249351	0.00	0.00
ENSG00000249353	4.50	3.50
ENSG00000249357	0.00	2.00
ENSG00000249360	0.00	0.00
ENSG00000249363	0.50	1.00
ENSG00000249367	0.00	0.00
ENSG00000249368	0.00	0.00
ENSG00000249372	0.00	0.00
ENSG00000249380	0.00	0.00
ENSG00000249386	0.25	0.25
ENSG00000249387	0.00	0.00
ENSG00000249400	0.00	0.50
ENSG00000249410	0.00	0.00
ENSG00000249411	8.25	10.00
ENSG00000249415	0.00	0.00
ENSG00000249416	0.00	0.00
ENSG00000249418	0.00	0.00
ENSG00000249427	0.00	0.00
ENSG00000249428	0.00	0.00
ENSG00000249433	0.00	0.00
ENSG00000249434	0.00	0.00
ENSG00000249435	0.00	0.25
ENSG00000249437	26.00	21.50
ENSG00000249438	0.00	0.00

ENSG00000249439	0.00	0.75
ENSG00000249443	0.00	0.00
ENSG00000249444	0.00	0.00
ENSG00000249446	0.00	0.00
ENSG00000249448	0.00	0.00
ENSG00000249449	0.00	0.00
ENSG00000249452	0.00	0.00
ENSG00000249454	0.00	0.00
ENSG00000249459	113.50	50.50
ENSG00000249462	0.25	0.00
ENSG00000249465	3.75	3.75
ENSG00000249467	0.00	0.00
ENSG00000249471	71.75	56.00
ENSG00000249472	0.25	0.00
ENSG00000249480	0.00	0.00
ENSG00000249481	0.00	0.25
ENSG00000249482	0.00	0.00
ENSG00000249485	0.00	0.50
ENSG00000249486	0.00	0.00
ENSG00000249488	0.00	0.00
ENSG00000249489	2.00	1.50
ENSG00000249493	0.00	0.00
ENSG00000249495	0.00	0.00
ENSG00000249501	0.00	0.00
ENSG00000249503	0.00	0.00
ENSG00000249504	0.50	0.00
ENSG00000249505	0.00	0.00
ENSG00000249506	0.25	0.50
ENSG00000249510	0.00	0.00
ENSG00000249514	0.00	0.00
ENSG00000249516	0.00	0.00
ENSG00000249518	0.00	0.00
ENSG00000249520	0.00	0.00
ENSG00000249522	0.25	0.00
ENSG00000249525	0.00	0.00
ENSG00000249531	0.00	0.00
ENSG00000249539	0.00	0.00
ENSG00000249540	0.00	0.25
ENSG00000249541	0.25	0.00
ENSG00000249542	0.00	0.00
ENSG00000249555	0.00	0.00
ENSG00000249557	0.00	0.00
ENSG00000249558	0.00	0.00

ENSG00000249562	0.00	0.00
ENSG00000249563	0.00	0.00
ENSG00000249564	0.00	0.00
ENSG00000249565	0.50	0.50
ENSG00000249571	0.00	0.00
ENSG00000249577	0.00	0.00
ENSG00000249579	0.25	0.25
ENSG00000249580	0.00	0.00
ENSG00000249581	0.25	0.00
ENSG00000249582	0.00	0.00
ENSG00000249590	31.00	20.75
ENSG00000249600	0.00	0.00
ENSG00000249606	0.00	0.00
ENSG00000249607	0.00	0.00
ENSG00000249616	4.00	3.00
ENSG00000249617	0.00	0.25
ENSG00000249619	0.00	0.00
ENSG00000249620	0.00	0.25
ENSG00000249624	5.00	2.50
ENSG00000249626	11.75	6.50
ENSG00000249627	0.00	0.00
ENSG00000249633	2.75	2.50
ENSG00000249634	0.25	0.00
ENSG00000249646	3.50	4.25
ENSG00000249649	0.00	0.00
ENSG00000249654	0.00	0.00
ENSG00000249661	3.00	1.75
ENSG00000249663	0.00	0.00
ENSG00000249666	0.00	0.25
ENSG00000249668	0.00	0.00
ENSG00000249680	0.00	0.00
ENSG00000249681	0.00	0.00
ENSG00000249686	0.00	0.00
ENSG00000249689	0.00	0.00
ENSG00000249691	0.50	0.00
ENSG00000249692	0.00	0.00
ENSG00000249693	14.75	8.75
ENSG00000249698	0.00	0.00
ENSG00000249709	156.00	117.75
ENSG00000249715	25.00	18.50
ENSG00000249721	0.00	0.25
ENSG00000249726	0.00	0.00
ENSG00000249729	0.00	0.00

ENSG00000249730	0.00	0.00
ENSG00000249735	0.00	0.00
ENSG00000249741	20.00	17.75
ENSG00000249744	0.00	0.00
ENSG00000249745	0.00	0.00
ENSG00000249751	0.00	0.00
ENSG00000249754	0.00	0.00
ENSG00000249755	1.75	1.00
ENSG00000249761	0.00	0.00
ENSG00000249763	0.00	0.00
ENSG00000249764	0.00	0.00
ENSG00000249766	0.00	0.00
ENSG00000249767	4.00	1.25
ENSG00000249768	2.50	1.00
ENSG00000249770	0.00	0.00
ENSG00000249773	11.25	0.00
ENSG00000249774	0.00	0.00
ENSG00000249777	0.00	0.00
ENSG00000249778	0.25	0.00
ENSG00000249779	0.25	0.00
ENSG00000249780	0.25	0.00
ENSG00000249795	0.00	0.00
ENSG00000249798	0.00	0.25
ENSG00000249799	0.25	0.50
ENSG00000249811	0.00	0.00
ENSG00000249814	0.00	0.25
ENSG00000249819	0.00	0.00
ENSG00000249820	0.00	0.25
ENSG00000249828	0.00	0.25
ENSG00000249829	0.00	0.00
ENSG00000249834	1.75	0.50
ENSG00000249838	0.00	0.25
ENSG00000249839	30.50	13.00
ENSG00000249840	0.00	0.00
ENSG00000249843	0.25	0.00
ENSG00000249844	0.00	0.25
ENSG00000249848	0.00	0.00
ENSG00000249850	0.25	0.75
ENSG00000249851	0.00	0.00
ENSG00000249853	0.50	1.00
ENSG00000249855	19.50	19.25
ENSG00000249858	0.25	0.25
ENSG00000249860	0.25	0.75

ENSG00000249861	0.00	0.00
ENSG00000249863	2.50	3.50
ENSG00000249866	0.00	0.00
ENSG00000249869	0.00	0.00
ENSG00000249876	0.00	0.00
ENSG00000249878	0.00	0.00
ENSG00000249884	18.75	12.50
ENSG00000249887	0.00	0.00
ENSG00000249888	0.00	0.00
ENSG00000249889	1.50	0.50
ENSG00000249890	0.00	0.00
ENSG00000249891	0.00	0.00
ENSG00000249893	0.00	0.00
ENSG00000249904	0.00	0.00
ENSG00000249908	0.00	0.00
ENSG00000249909	0.00	0.00
ENSG00000249910	0.00	0.00
ENSG00000249912	0.00	0.00
ENSG00000249915	1185.00	1278.25
ENSG00000249919	0.00	0.00
ENSG00000249920	0.25	0.00
ENSG00000249921	0.00	0.00
ENSG00000249927	0.00	0.00
ENSG00000249928	0.00	0.25
ENSG00000249930	0.00	0.00
ENSG00000249931	9.25	10.25
ENSG00000249934	0.00	0.25
ENSG00000249936	1.25	7.00
ENSG00000249943	0.00	0.00
ENSG00000249944	0.00	0.00
ENSG00000249947	3.25	2.00
ENSG00000249948	1.00	3.50
ENSG00000249950	0.00	0.00
ENSG00000249956	0.00	0.00
ENSG00000249958	0.25	0.25
ENSG00000249960	0.00	0.00
ENSG00000249961	4.75	5.00
ENSG00000249962	2.25	3.00
ENSG00000249963	0.00	0.00
ENSG00000249965	1.50	0.50
ENSG00000249967	2.50	13.25
ENSG00000249970	0.00	0.00
ENSG00000249973	0.00	0.00

ENSG00000249975	0.00	0.00
ENSG00000249976	0.25	0.00
ENSG00000249977	0.00	0.00
ENSG00000249978	3.75	1.25
ENSG00000249985	0.00	0.00
ENSG00000249986	0.50	1.00
ENSG00000249987	0.25	0.00
ENSG00000249990	0.00	0.00
ENSG00000249992	848.75	546.00
ENSG00000249995	0.00	0.00
ENSG00000249997	0.00	0.00
ENSG00000250006	0.00	0.00
ENSG00000250011	4.25	2.50
ENSG00000250013	0.00	0.00
ENSG00000250016	0.00	0.25
ENSG00000250017	21.25	29.00
ENSG00000250020	0.00	0.00
ENSG00000250021	497.50	422.75
ENSG00000250026	3.50	7.00
ENSG00000250030	0.25	0.00
ENSG00000250031	1.00	1.50
ENSG00000250036	0.00	0.00
ENSG00000250037	1.50	0.00
ENSG00000250040	0.00	0.00
ENSG00000250045	0.25	0.00
ENSG00000250050	0.25	0.25
ENSG00000250053	0.25	0.50
ENSG00000250055	0.00	0.00
ENSG00000250067	71.25	73.50
ENSG00000250068	0.75	0.00
ENSG00000250071	0.00	0.00
ENSG00000250074	0.00	0.00
ENSG00000250076	0.00	0.00
ENSG00000250079	0.00	0.00
ENSG00000250080	0.00	0.00
ENSG00000250082	0.00	0.00
ENSG00000250084	0.00	0.00
ENSG00000250088	0.00	0.00
ENSG00000250090	3.00	0.25
ENSG00000250091	102.75	72.50
ENSG00000250099	0.00	0.00
ENSG00000250100	0.00	0.00
ENSG00000250111	9.25	2.50

ENSG00000250114	0.00	0.00
ENSG00000250115	0.50	0.00
ENSG00000250118	0.00	0.00
ENSG00000250120	18.25	13.50
ENSG00000250130	1.00	0.75
ENSG00000250138	13.25	8.50
ENSG00000250140	0.50	0.50
ENSG00000250144	2.00	2.25
ENSG00000250145	0.00	0.00
ENSG00000250147	0.25	0.25
ENSG00000250148	0.00	0.00
ENSG00000250151	199.25	202.50
ENSG00000250154	4.50	2.50
ENSG00000250161	0.00	0.00
ENSG00000250162	0.00	0.00
ENSG00000250169	0.00	0.00
ENSG00000250182	27.00	27.75
ENSG00000250183	0.75	0.00
ENSG00000250185	0.00	0.00
ENSG00000250189	2.75	3.25
ENSG00000250191	0.00	0.00
ENSG00000250194	163.00	157.50
ENSG00000250197	0.25	1.25
ENSG00000250200	0.00	0.00
ENSG00000250202	0.00	0.00
ENSG00000250204	0.00	0.00
ENSG00000250205	0.00	0.00
ENSG00000250207	0.00	0.00
ENSG00000250210	0.00	0.00
ENSG00000250213	0.00	0.00
ENSG00000250214	0.00	0.00
ENSG00000250215	0.00	0.00
ENSG00000250219	0.25	0.00
ENSG00000250221	0.00	0.00
ENSG00000250227	0.75	1.25
ENSG00000250229	0.00	0.00
ENSG00000250231	0.00	0.00
ENSG00000250238	0.00	0.00
ENSG00000250247	0.00	0.00
ENSG00000250249	0.00	0.00
ENSG00000250251	138.75	243.25
ENSG00000250253	0.00	0.00
ENSG00000250254	0.00	0.00

ENSG00000250257	0.00	0.00
ENSG00000250261	0.00	0.00
ENSG00000250264	25.00	8.75
ENSG00000250268	0.00	0.00
ENSG00000250272	0.00	0.00
ENSG00000250273	0.00	0.00
ENSG00000250277	0.00	0.00
ENSG00000250289	0.00	0.00
ENSG00000250290	0.00	0.25
ENSG00000250292	0.00	0.00
ENSG00000250293	0.50	0.00
ENSG00000250294	0.00	0.00
ENSG00000250296	0.00	0.00
ENSG00000250299	66.50	55.50
ENSG00000250300	0.00	0.00
ENSG00000250304	0.00	0.00
ENSG00000250305	485.25	384.75
ENSG00000250306	0.00	0.00
ENSG00000250307	0.00	0.00
ENSG00000250308	0.00	0.00
ENSG00000250312	132.75	102.75
ENSG00000250315	0.00	0.00
ENSG00000250316	0.00	0.00
ENSG00000250317	455.00	385.75
ENSG00000250318	17.75	20.75
ENSG00000250319	0.00	0.00
ENSG00000250321	0.25	0.00
ENSG00000250322	0.00	0.00
ENSG00000250324	0.00	0.00
ENSG00000250325	0.00	0.00
ENSG00000250327	19.00	8.50
ENSG00000250329	0.00	0.25
ENSG00000250330	0.00	0.50
ENSG00000250332	0.00	0.00
ENSG00000250339	0.00	0.00
ENSG00000250342	0.00	0.25
ENSG00000250345	0.50	0.25
ENSG00000250346	0.00	0.25
ENSG00000250347	0.00	0.00
ENSG00000250349	0.25	0.00
ENSG00000250350	0.00	0.00
ENSG00000250351	0.00	0.00
ENSG00000250356	0.00	0.00

ENSG00000250359	0.00	0.00
ENSG00000250361	0.75	0.25
ENSG00000250363	0.00	0.00
ENSG00000250364	0.00	0.00
ENSG00000250372	0.00	0.00
ENSG00000250374	0.00	0.00
ENSG00000250376	0.00	0.00
ENSG00000250381	0.25	0.00
ENSG00000250384	0.25	0.00
ENSG00000250386	0.00	1.75
ENSG00000250389	0.00	0.00
ENSG00000250391	0.00	0.00
ENSG00000250393	0.00	0.00
ENSG00000250398	0.00	0.00
ENSG00000250403	0.00	0.00
ENSG00000250405	0.00	0.00
ENSG00000250412	4.00	4.25
ENSG00000250416	0.00	0.00
ENSG00000250420	0.75	1.00
ENSG00000250422	6.00	2.00
ENSG00000250423	3.25	1.75
ENSG00000250424	5.75	1.25
ENSG00000250425	0.00	0.00
ENSG00000250426	0.50	0.25
ENSG00000250428	0.00	0.00
ENSG00000250430	0.00	0.50
ENSG00000250441	0.00	0.00
ENSG00000250442	0.00	0.00
ENSG00000250444	0.00	0.50
ENSG00000250455	0.00	0.00
ENSG00000250458	0.00	0.00
ENSG00000250461	0.50	0.00
ENSG00000250462	557.50	493.00
ENSG00000250464	0.00	0.00
ENSG00000250470	1.25	1.00
ENSG00000250471	0.25	0.00
ENSG00000250473	0.25	0.25
ENSG00000250474	7.25	8.75
ENSG00000250475	0.00	0.00
ENSG00000250476	0.25	0.00
ENSG00000250479	35.75	32.75
ENSG00000250480	0.00	0.00
ENSG00000250482	0.50	1.75

ENSG00000250483	9.25	6.25
ENSG00000250484	0.00	0.00
ENSG00000250485	0.00	0.00
ENSG00000250486	14.75	6.50
ENSG00000250492	1.50	0.00
ENSG00000250494	0.00	0.00
ENSG00000250496	0.25	0.00
ENSG00000250500	0.00	0.00
ENSG00000250504	0.00	0.00
ENSG00000250505	0.00	0.00
ENSG00000250506	86.25	66.25
ENSG00000250507	0.00	0.00
ENSG00000250510	158.50	119.75
ENSG00000250515	0.00	0.00
ENSG00000250516	0.00	0.00
ENSG00000250517	22.75	20.50
ENSG00000250523	0.00	0.00
ENSG00000250526	0.00	0.00
ENSG00000250535	0.00	0.00
ENSG00000250536	1.00	0.00
ENSG00000250539	4.50	1.75
ENSG00000250540	0.00	0.25
ENSG00000250547	0.00	0.00
ENSG00000250550	0.00	0.00
ENSG00000250556	0.00	0.00
ENSG00000250558	0.00	0.00
ENSG00000250560	0.00	0.00
ENSG00000250561	0.25	0.00
ENSG00000250562	0.00	0.00
ENSG00000250563	0.00	0.00
ENSG00000250565	63.00	55.50
ENSG00000250566	0.00	0.00
ENSG00000250568	0.00	0.00
ENSG00000250569	10.50	6.25
ENSG00000250571	330.25	278.00
ENSG00000250573	0.00	0.00
ENSG00000250574	0.00	0.00
ENSG00000250575	29.50	21.00
ENSG00000250580	0.00	0.00
ENSG00000250587	0.00	0.00
ENSG00000250588	89.25	151.00
ENSG00000250591	0.00	0.00
ENSG00000250594	0.00	0.00

ENSG00000250599	0.00	0.00
ENSG00000250609	0.00	0.00
ENSG00000250611	0.00	0.00
ENSG00000250612	0.00	0.00
ENSG00000250613	0.00	0.00
ENSG00000250618	0.00	0.00
ENSG00000250622	0.00	0.00
ENSG00000250624	0.00	0.00
ENSG00000250625	0.00	0.00
ENSG00000250627	0.00	0.00
ENSG00000250630	0.00	0.00
ENSG00000250636	0.00	0.00
ENSG00000250637	0.00	0.00
ENSG00000250640	0.00	0.00
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ENSG00000250642	0.00	0.00
ENSG00000250644	97.75	59.75
ENSG00000250645	3.75	0.75
ENSG00000250650	0.00	0.00
ENSG00000250651	3.00	1.25
ENSG00000250654	1.75	1.00
ENSG00000250655	0.00	0.00
ENSG00000250656	0.75	1.00
ENSG00000250662	0.25	0.00
ENSG00000250667	0.00	0.00
ENSG00000250669	0.00	1.25
ENSG00000250672	0.00	0.00
ENSG00000250677	0.00	0.50
ENSG00000250678	0.00	0.00
ENSG00000250684	0.00	0.00
ENSG00000250687	11.75	6.50
ENSG00000250688	0.00	0.00
ENSG00000250693	0.00	0.00
ENSG00000250703	0.00	0.00
ENSG00000250705	0.00	0.00
ENSG00000250709	7.75	2.50
ENSG00000250710	0.00	0.00
ENSG00000250711	0.00	0.50
ENSG00000250712	0.00	0.00
ENSG00000250715	0.00	0.00
ENSG00000250719	0.00	0.00
ENSG00000250721	0.00	0.00
ENSG00000250722	16148.00	18221.50

ENSG00000250725	0.25	0.00
ENSG00000250726	0.00	0.00
ENSG00000250727	0.00	0.00
ENSG00000250728	0.00	0.00
ENSG00000250730	0.25	0.00
ENSG00000250731	3.75	2.50
ENSG00000250732	0.00	0.00
ENSG00000250741	0.50	0.50
ENSG00000250745	0.00	0.00
ENSG00000250746	1.00	1.25
ENSG00000250747	0.00	0.00
ENSG00000250749	0.00	0.00
ENSG00000250750	0.00	0.00
ENSG00000250752	0.00	0.00
ENSG00000250753	0.25	0.25
ENSG00000250756	0.00	0.00
ENSG00000250760	0.00	0.00
ENSG00000250762	0.00	0.00
ENSG00000250767	0.25	0.00
ENSG00000250768	0.00	0.00
ENSG00000250769	0.25	1.00
ENSG00000250771	19.00	14.75
ENSG00000250778	0.25	0.00
ENSG00000250782	0.00	0.75
ENSG00000250787	0.00	0.25
ENSG00000250788	0.00	0.00
ENSG00000250794	0.25	0.75
ENSG00000250796	3.75	1.50
ENSG00000250799	0.00	0.00
ENSG00000250803	0.25	1.75
ENSG00000250804	0.00	0.00
ENSG00000250807	0.00	0.00
ENSG00000250808	0.00	0.25
ENSG00000250812	0.00	0.00
ENSG00000250813	0.00	0.00
ENSG00000250815	0.00	0.00
ENSG00000250816	0.25	0.25
ENSG00000250825	0.00	0.00
ENSG00000250826	0.00	0.00
ENSG00000250827	0.25	0.75
ENSG00000250828	0.00	0.00
ENSG00000250830	0.00	0.00
ENSG00000250833	0.00	0.00

ENSG00000250834	0.00	0.00
ENSG00000250835	0.00	0.00
ENSG00000250839	0.00	0.00
ENSG00000250844	0.00	0.00
ENSG00000250847	0.00	0.00
ENSG00000250848	1.50	1.75
ENSG00000250853	0.00	0.00
ENSG00000250857	0.00	0.00
ENSG00000250858	0.00	0.00
ENSG00000250859	0.00	0.50
ENSG00000250860	0.00	0.00
ENSG00000250862	0.00	0.00
ENSG00000250868	0.00	0.00
ENSG00000250869	7.50	7.50
ENSG00000250878	6.75	3.25
ENSG00000250884	0.00	0.00
ENSG00000250886	0.00	0.00
ENSG00000250890	0.00	0.00
ENSG00000250892	3.75	2.50
ENSG00000250894	0.00	0.00
ENSG00000250895	0.00	0.00
ENSG00000250896	0.25	0.25
ENSG00000250897	0.25	0.50
ENSG00000250913	0.00	0.00
ENSG00000250914	0.00	0.00
ENSG00000250919	0.00	0.00
ENSG00000250922	0.00	0.00
ENSG00000250923	0.00	0.00
ENSG00000250927	0.00	0.00
ENSG00000250928	0.00	0.00
ENSG00000250933	0.50	0.50
ENSG00000250939	0.25	0.00
ENSG00000250940	0.00	0.00
ENSG00000250942	0.25	1.25
ENSG00000250946	0.00	0.00
ENSG00000250951	0.00	0.00
ENSG00000250956	0.00	0.50
ENSG00000250959	33.25	30.00
ENSG00000250962	0.00	0.00
ENSG00000250966	0.00	0.00
ENSG00000250972	0.00	0.00
ENSG00000250973	0.00	0.00
ENSG00000250979	2.75	1.50

ENSG00000250980	0.00	0.00
ENSG00000250982	9.00	7.25
ENSG00000250983	0.25	0.00
ENSG00000250984	0.00	0.00
ENSG00000250989	0.00	0.00
ENSG00000250995	2.25	3.50
ENSG00000250997	0.00	0.00
ENSG00000251000	1.00	1.00
ENSG00000251001	0.00	0.00
ENSG00000251005	0.00	0.00
ENSG00000251008	0.00	1.00
ENSG00000251012	0.00	0.00
ENSG00000251013	0.50	1.00
ENSG00000251014	0.00	0.00
ENSG00000251017	0.00	0.00
ENSG00000251019	0.00	0.00
ENSG00000251025	0.75	0.50
ENSG00000251032	0.25	0.00
ENSG00000251035	0.00	0.00
ENSG00000251038	0.50	0.75
ENSG00000251039	0.00	0.00
ENSG00000251046	20.50	14.75
ENSG00000251050	4.75	1.50
ENSG00000251051	0.00	0.00
ENSG00000251056	0.50	2.75
ENSG00000251062	0.00	0.25
ENSG00000251066	0.25	0.00
ENSG00000251073	1.50	2.00
ENSG00000251074	0.00	0.00
ENSG00000251078	0.00	0.00
ENSG00000251079	77.00	52.50
ENSG00000251087	0.00	0.00
ENSG00000251090	0.00	0.00
ENSG00000251099	0.00	0.00
ENSG00000251101	0.00	0.00
ENSG00000251102	0.25	0.25
ENSG00000251105	0.00	0.00
ENSG00000251106	0.00	0.00
ENSG00000251107	0.25	0.00
ENSG00000251108	0.25	0.00
ENSG00000251111	0.00	0.00
ENSG00000251112	0.00	0.00
ENSG00000251113	0.00	0.00

ENSG00000251118	0.00	0.00
ENSG00000251122	0.00	0.00
ENSG00000251123	0.00	0.00
ENSG00000251135	3.00	2.75
ENSG00000251137	0.00	0.00
ENSG00000251142	0.00	0.00
ENSG00000251147	0.00	0.00
ENSG00000251149	0.00	0.50
ENSG00000251154	0.00	0.25
ENSG00000251155	0.25	0.00
ENSG00000251158	3.00	1.00
ENSG00000251159	0.00	0.00
ENSG00000251162	0.00	0.00
ENSG00000251163	0.25	0.00
ENSG00000251166	0.00	0.00
ENSG00000251172	0.00	0.00
ENSG00000251174	0.00	0.00
ENSG00000251177	3.00	2.25
ENSG00000251178	0.00	0.00
ENSG00000251184	0.75	0.00
ENSG00000251188	2.25	1.25
ENSG00000251192	121.75	101.75
ENSG00000251193	0.00	0.00
ENSG00000251195	0.00	0.00
ENSG00000251196	5.50	5.25
ENSG00000251197	0.00	1.25
ENSG00000251201	182.00	154.00
ENSG00000251203	0.75	0.75
ENSG00000251204	0.00	0.00
ENSG00000251211	0.75	1.00
ENSG00000251212	0.00	0.00
ENSG00000251215	0.25	0.00
ENSG00000251220	0.00	0.00
ENSG00000251223	0.00	0.00
ENSG00000251228	0.00	0.00
ENSG00000251229	11.50	7.75
ENSG00000251234	0.00	0.00
ENSG00000251235	0.00	0.00
ENSG00000251236	0.00	0.00
ENSG00000251237	0.00	0.25
ENSG00000251243	0.00	0.00
ENSG00000251246	3.00	4.50
ENSG00000251247	94.50	82.75

ENSG00000251252	0.00	0.00
ENSG00000251253	0.00	0.00
ENSG00000251254	0.00	0.25
ENSG00000251258	2.25	2.25
ENSG00000251261	0.00	0.00
ENSG00000251271	1.75	0.75
ENSG00000251275	0.00	0.00
ENSG00000251278	0.00	0.00
ENSG00000251284	0.00	0.00
ENSG00000251285	0.00	0.00
ENSG00000251286	0.00	0.00
ENSG00000251287	12.25	7.00
ENSG00000251288	1.25	1.25
ENSG00000251296	0.00	0.00
ENSG00000251297	0.00	0.00
ENSG00000251299	0.25	0.00
ENSG00000251300	0.00	0.00
ENSG00000251303	0.00	0.00
ENSG00000251304	0.00	0.00
ENSG00000251306	0.00	0.00
ENSG00000251308	0.00	0.00
ENSG00000251312	0.00	0.00
ENSG00000251313	0.00	0.25
ENSG00000251317	0.00	0.50
ENSG00000251322	85.75	62.75
ENSG00000251332	0.00	0.25
ENSG00000251333	0.25	0.00
ENSG00000251334	0.00	0.00
ENSG00000251338	0.00	0.00
ENSG00000251340	0.50	0.00
ENSG00000251342	0.00	0.00
ENSG00000251345	0.00	0.00
ENSG00000251347	0.00	0.00
ENSG00000251348	36.25	73.00
ENSG00000251349	285.50	268.50
ENSG00000251352	0.00	0.00
ENSG00000251353	0.00	0.00
ENSG00000251354	0.50	0.00
ENSG00000251356	0.00	0.00
ENSG00000251357	5.50	4.75
ENSG00000251360	0.00	0.00
ENSG00000251366	0.00	0.00
ENSG00000251368	0.00	0.00

ENSG00000251369	191.00	148.00
ENSG00000251373	0.00	0.00
ENSG00000251374	0.50	0.75
ENSG00000251378	2.25	5.25
ENSG00000251380	0.00	0.00
ENSG00000251385	0.00	0.00
ENSG00000251389	0.00	0.00
ENSG00000251394	0.00	0.00
ENSG00000251395	0.00	0.00
ENSG00000251400	0.00	0.00
ENSG00000251401	0.00	0.00
ENSG00000251402	0.75	2.00
ENSG00000251407	0.00	0.00
ENSG00000251411	1.50	3.00
ENSG00000251418	0.00	0.00
ENSG00000251419	0.00	0.00
ENSG00000251424	0.00	0.00
ENSG00000251427	0.00	0.00
ENSG00000251429	13.75	14.75
ENSG00000251430	0.00	0.00
ENSG00000251431	0.00	0.00
ENSG00000251433	0.00	0.00
ENSG00000251435	0.25	0.25
ENSG00000251436	0.00	0.00
ENSG00000251437	0.00	0.00
ENSG00000251439	0.00	0.00
ENSG00000251440	0.00	0.00
ENSG00000251441	0.25	0.00
ENSG00000251447	0.00	0.00
ENSG00000251449	0.00	0.00
ENSG00000251451	2.75	1.75
ENSG00000251452	0.00	0.00
ENSG00000251453	0.50	0.00
ENSG00000251463	0.75	0.25
ENSG00000251464	0.00	0.00
ENSG00000251467	0.25	0.00
ENSG00000251468	0.50	0.75
ENSG00000251470	0.00	0.00
ENSG00000251473	0.00	0.00
ENSG00000251474	243.00	198.75
ENSG00000251476	0.00	0.00
ENSG00000251477	0.00	0.00
ENSG00000251478	0.00	0.00

ENSG00000251482	0.00	0.00
ENSG00000251483	0.00	0.00
ENSG00000251484	0.25	0.00
ENSG00000251485	10.00	9.25
ENSG00000251489	0.00	0.00
ENSG00000251491	0.00	0.00
ENSG00000251492	0.00	0.00
ENSG00000251493	306.75	316.75
ENSG00000251495	1.75	0.25
ENSG00000251498	0.00	0.00
ENSG00000251501	0.00	0.00
ENSG00000251503	6.50	11.00
ENSG00000251508	0.50	0.00
ENSG00000251515	0.00	0.00
ENSG00000251516	0.00	0.00
ENSG00000251520	2.00	1.25
ENSG00000251521	0.25	0.25
ENSG00000251525	0.00	0.00
ENSG00000251529	0.00	0.00
ENSG00000251535	1.00	0.25
ENSG00000251537	5.25	3.75
ENSG00000251539	0.00	0.00
ENSG00000251544	0.25	0.00
ENSG00000251545	0.25	0.00
ENSG00000251546	0.00	0.00
ENSG00000251547	0.00	0.00
ENSG00000251548	0.00	0.00
ENSG00000251549	0.00	0.00
ENSG00000251550	0.75	0.00
ENSG00000251552	0.00	0.00
ENSG00000251553	0.00	0.00
ENSG00000251557	0.00	0.50
ENSG00000251563	3.25	3.75
ENSG00000251566	0.25	0.00
ENSG00000251568	0.00	0.00
ENSG00000251569	18.50	23.75
ENSG00000251571	0.00	0.00
ENSG00000251572	0.00	0.00
ENSG00000251578	0.00	0.00
ENSG00000251579	0.00	0.00
ENSG00000251581	4.75	3.25
ENSG00000251583	0.00	0.00
ENSG00000251585	0.00	0.00

ENSG00000251587	0.00	0.25
ENSG00000251588	0.00	0.00
ENSG00000251590	0.00	0.00
ENSG00000251591	0.00	0.00
ENSG00000251593	0.00	0.75
ENSG00000251595	54.75	36.75
ENSG00000251596	1.75	1.00
ENSG00000251597	0.00	0.00
ENSG00000251605	0.00	0.00
ENSG00000251608	0.00	0.00
ENSG00000251609	0.75	0.75
ENSG00000251610	0.00	0.00
ENSG00000251614	0.25	0.50
ENSG00000251618	0.00	0.00
ENSG00000251624	0.00	0.00
ENSG00000251627	0.00	0.00
ENSG00000251630	0.25	0.50
ENSG00000251633	0.00	0.00
ENSG00000251634	15.75	4.25
ENSG00000251638	0.00	0.00
ENSG00000251639	0.75	0.50
ENSG00000251643	0.00	0.00
ENSG00000251644	0.00	0.00
ENSG00000251647	0.00	0.00
ENSG00000251648	0.00	0.00
ENSG00000251655	0.00	0.00
ENSG00000251656	0.00	0.00
ENSG00000251663	0.00	0.00
ENSG00000251664	0.25	1.00
ENSG00000251667	0.75	0.75
ENSG00000251668	0.00	0.00
ENSG00000251669	62.75	35.25
ENSG00000251682	0.25	0.25
ENSG00000251685	0.00	0.00
ENSG00000251686	0.00	0.00
ENSG00000251689	0.25	0.25
ENSG00000251691	0.00	0.00
ENSG00000251692	0.25	0.25
ENSG00000251694	0.00	0.00
ENSG00000253107	0.00	0.00
ENSG00000253109	0.00	0.00
ENSG00000253114	0.00	0.00
ENSG00000253117	0.00	0.00

ENSG00000253118	0.00	0.00
ENSG00000253119	0.00	0.00
ENSG00000253120	0.00	0.00
ENSG00000253124	0.00	0.00
ENSG00000253126	0.00	0.00
ENSG00000253127	0.00	0.00
ENSG00000253131	0.00	0.00
ENSG00000253132	0.00	0.00
ENSG00000253135	0.00	0.00
ENSG00000253137	0.00	0.00
ENSG00000253144	12.25	6.00
ENSG00000253146	0.00	0.00
ENSG00000253148	0.00	0.25
ENSG00000253149	0.00	0.00
ENSG00000253152	0.00	0.00
ENSG00000253153	0.00	0.00
ENSG00000253155	0.00	0.00
ENSG00000253156	0.00	0.00
ENSG00000253158	0.00	0.00
ENSG00000253159	1690.00	1375.00
ENSG00000253160	0.00	0.00
ENSG00000253166	0.75	1.50
ENSG00000253169	0.00	0.00
ENSG00000253173	0.00	0.25
ENSG00000253175	0.50	0.00
ENSG00000253176	0.00	0.00
ENSG00000253178	0.00	0.00
ENSG00000253179	0.00	0.00
ENSG00000253180	3.00	3.50
ENSG00000253183	2.00	1.50
ENSG00000253186	0.00	0.00
ENSG00000253188	0.00	0.00
ENSG00000253191	0.00	0.00
ENSG00000253195	0.00	0.00
ENSG00000253198	0.00	0.00
ENSG00000253202	0.00	0.00
ENSG00000253203	3.50	0.00
ENSG00000253204	0.00	0.00
ENSG00000253208	0.25	0.00
ENSG00000253209	0.00	0.00
ENSG00000253213	0.00	0.25
ENSG00000253216	0.00	0.00
ENSG00000253218	0.00	0.25

ENSG00000253219	0.25	0.25
ENSG00000253223	0.50	0.50
ENSG00000253224	0.00	0.25
ENSG00000253225	0.00	0.00
ENSG00000253226	0.00	0.00
ENSG00000253228	0.00	0.00
ENSG00000253229	0.00	0.00
ENSG00000253231	0.00	0.00
ENSG00000253232	0.00	0.00
ENSG00000253233	0.00	0.00
ENSG00000253234	0.00	0.00
ENSG00000253237	0.00	0.00
ENSG00000253239	0.00	0.00
ENSG00000253240	0.00	0.00
ENSG00000253241	0.00	0.00
ENSG00000253242	0.00	0.00
ENSG00000253245	0.00	0.75
ENSG00000253247	0.00	0.00
ENSG00000253250	96.50	91.50
ENSG00000253251	25.75	20.50
ENSG00000253257	0.00	0.00
ENSG00000253261	0.00	0.00
ENSG00000253262	0.00	0.00
ENSG00000253265	0.00	0.00
ENSG00000253271	0.00	0.00
ENSG00000253273	1.00	0.75
ENSG00000253274	0.00	0.00
ENSG00000253276	767.50	1373.00
ENSG00000253278	0.00	0.00
ENSG00000253283	0.25	0.00
ENSG00000253290	0.00	0.00
ENSG00000253291	0.00	0.00
ENSG00000253292	0.00	0.00
ENSG00000253293	3.25	2.75
ENSG00000253294	0.00	0.00
ENSG00000253299	0.00	0.00
ENSG00000253303	0.00	0.00
ENSG00000253304	436.75	677.25
ENSG00000253305	254.75	208.00
ENSG00000253309	2.25	2.75
ENSG00000253310	0.00	0.00
ENSG00000253312	0.00	0.00
ENSG00000253313	0.75	1.00

ENSG00000253318	0.00	0.00
ENSG00000253319	0.00	0.00
ENSG00000253325	0.00	0.00
ENSG00000253326	7.50	3.25
ENSG00000253328	0.75	0.75
ENSG00000253329	0.00	0.00
ENSG00000253330	2.25	2.75
ENSG00000253332	0.00	0.00
ENSG00000253333	1.50	0.25
ENSG00000253336	0.50	0.50
ENSG00000253338	0.00	0.00
ENSG00000253340	0.00	0.00
ENSG00000253341	0.50	0.25
ENSG00000253345	0.00	0.00
ENSG00000253346	0.00	0.00
ENSG00000253349	0.00	0.00
ENSG00000253359	0.00	0.00
ENSG00000253362	0.00	0.00
ENSG00000253365	0.00	0.00
ENSG00000253366	0.00	0.00
ENSG00000253367	0.00	0.00
ENSG00000253368	447.25	1614.25
ENSG00000253370	0.00	0.00
ENSG00000253382	0.00	0.00
ENSG00000253383	0.00	0.00
ENSG00000253384	1.75	4.00
ENSG00000253386	0.00	0.00
ENSG00000253387	0.00	0.00
ENSG00000253391	0.00	0.00
ENSG00000253393	0.00	0.00
ENSG00000253401	0.00	0.00
ENSG00000253409	0.00	0.00
ENSG00000253410	0.00	0.00
ENSG00000253412	0.00	0.00
ENSG00000253413	0.00	0.00
ENSG00000253415	0.00	0.00
ENSG00000253418	0.00	0.00
ENSG00000253421	0.00	0.00
ENSG00000253422	0.00	0.00
ENSG00000253423	0.00	0.00
ENSG00000253425	0.25	0.00
ENSG00000253429	0.00	0.00
ENSG00000253431	0.00	0.00

ENSG00000253435	0.00	0.00
ENSG00000253439	0.00	0.25
ENSG00000253440	0.00	0.00
ENSG00000253441	0.00	0.00
ENSG00000253448	0.00	0.00
ENSG00000253451	0.00	0.00
ENSG00000253454	0.00	0.00
ENSG00000253457	0.25	0.25
ENSG00000253458	0.00	0.00
ENSG00000253460	0.00	0.00
ENSG00000253461	0.00	0.00
ENSG00000253462	0.00	0.00
ENSG00000253463	0.50	0.00
ENSG00000253465	0.00	0.00
ENSG00000253467	0.00	0.00
ENSG00000253468	0.00	0.00
ENSG00000253472	0.00	0.00
ENSG00000253480	0.00	0.00
ENSG00000253481	0.00	0.00
ENSG00000253482	0.00	0.00
ENSG00000253483	1.50	1.75
ENSG00000253485	185.00	167.00
ENSG00000253487	0.00	0.00
ENSG00000253488	1.25	1.00
ENSG00000253491	0.00	0.00
ENSG00000253492	0.00	0.00
ENSG00000253493	0.00	0.00
ENSG00000253495	0.00	0.00
ENSG00000253497	0.00	0.00
ENSG00000253499	0.00	0.00
ENSG00000253501	0.00	0.00
ENSG00000253502	0.00	0.00
ENSG00000253504	0.00	0.00
ENSG00000253506	0.25	0.00
ENSG00000253512	0.00	0.00
ENSG00000253516	1.00	0.00
ENSG00000253517	0.00	0.00
ENSG00000253520	6.75	4.75
ENSG00000253525	0.00	0.00
ENSG00000253528	2.50	1.50
ENSG00000253534	0.00	0.00
ENSG00000253536	0.00	0.00
ENSG00000253537	431.75	375.25

ENSG00000253540	35.50	14.75
ENSG00000253541	4.50	11.75
ENSG00000253542	1.25	0.75
ENSG00000253543	1.25	0.25
ENSG00000253544	0.00	0.00
ENSG00000253545	0.00	0.00
ENSG00000253546	0.00	0.00
ENSG00000253547	0.00	0.00
ENSG00000253548	0.00	0.00
ENSG00000253550	0.00	0.25
ENSG00000253555	0.75	0.00
ENSG00000253556	0.00	0.00
ENSG00000253558	2.25	2.25
ENSG00000253560	0.00	0.00
ENSG00000253564	0.00	0.00
ENSG00000253568	0.00	0.00
ENSG00000253569	0.00	0.00
ENSG00000253570	0.00	0.25
ENSG00000253571	0.00	0.00
ENSG00000253578	0.00	0.00
ENSG00000253579	0.00	0.00
ENSG00000253580	0.00	0.00
ENSG00000253581	0.00	0.00
ENSG00000253587	0.00	0.00
ENSG00000253588	0.00	0.00
ENSG00000253590	0.00	0.00
ENSG00000253592	0.00	0.00
ENSG00000253598	5.75	2.75
ENSG00000253600	0.00	0.00
ENSG00000253605	0.00	0.00
ENSG00000253606	0.00	0.25
ENSG00000253610	0.00	0.00
ENSG00000253611	0.00	0.25
ENSG00000253612	0.00	0.00
ENSG00000253615	0.00	0.00
ENSG00000253617	0.00	0.00
ENSG00000253620	1.25	0.25
ENSG00000253621	0.50	0.50
ENSG00000253623	4.50	3.25
ENSG00000253625	0.00	0.00
ENSG00000253626	22.75	22.75
ENSG00000253630	0.25	0.50
ENSG00000253631	0.00	0.00

ENSG00000253635	0.00	0.00
ENSG00000253637	0.00	0.00
ENSG00000253638	0.00	0.00
ENSG00000253639	0.00	0.00
ENSG00000253646	0.00	0.00
ENSG00000253650	0.25	0.00
ENSG00000253651	0.25	0.00
ENSG00000253654	0.00	0.00
ENSG00000253655	0.00	0.00
ENSG00000253657	0.00	0.00
ENSG00000253663	0.00	0.00
ENSG00000253667	3.25	3.00
ENSG00000253668	0.00	0.00
ENSG00000253670	0.00	0.00
ENSG00000253674	0.00	0.00
ENSG00000253676	1.00	0.75
ENSG00000253677	0.00	0.00
ENSG00000253680	0.00	0.00
ENSG00000253683	0.00	0.00
ENSG00000253684	0.00	0.00
ENSG00000253685	0.00	0.00
ENSG00000253691	0.00	0.00
ENSG00000253692	0.00	0.00
ENSG00000253697	0.00	0.00
ENSG00000253703	0.00	0.00
ENSG00000253707	0.00	0.00
ENSG00000253709	0.00	0.00
ENSG00000253710	323.50	317.00
ENSG00000253714	0.00	0.00
ENSG00000253719	1695.25	1545.50
ENSG00000253721	0.00	0.00
ENSG00000253723	0.00	0.00
ENSG00000253725	0.00	0.00
ENSG00000253729	6025.25	5652.25
ENSG00000253731	273.75	237.00
ENSG00000253732	0.00	0.00
ENSG00000253742	0.00	0.00
ENSG00000253743	0.00	0.00
ENSG00000253747	0.00	0.00
ENSG00000253748	0.00	0.00
ENSG00000253750	0.25	0.00
ENSG00000253752	0.00	0.00
ENSG00000253755	0.00	0.00

ENSG00000253756	0.00	0.00
ENSG00000253759	0.00	0.00
ENSG00000253760	0.00	0.00
ENSG00000253763	0.00	0.00
ENSG00000253765	0.00	0.00
ENSG00000253767	48.75	45.00
ENSG00000253770	0.00	0.00
ENSG00000253771	21.75	15.75
ENSG00000253772	1.25	1.25
ENSG00000253777	0.00	0.00
ENSG00000253779	0.00	0.00
ENSG00000253780	0.00	0.00
ENSG00000253781	0.50	0.00
ENSG00000253785	1.00	0.00
ENSG00000253786	0.00	0.00
ENSG00000253789	0.00	0.00
ENSG00000253790	0.00	0.00
ENSG00000253793	0.00	0.00
ENSG00000253794	0.00	0.00
ENSG00000253795	0.00	0.25
ENSG00000253797	811.75	757.25
ENSG00000253800	0.00	0.00
ENSG00000253801	0.00	0.00
ENSG00000253803	0.00	0.00
ENSG00000253808	0.00	0.00
ENSG00000253810	0.00	0.00
ENSG00000253813	0.00	0.00
ENSG00000253814	0.00	0.00
ENSG00000253816	50.00	28.50
ENSG00000253817	0.00	0.00
ENSG00000253818	0.00	0.00
ENSG00000253820	0.00	0.00
ENSG00000253822	0.00	0.00
ENSG00000253823	0.00	0.00
ENSG00000253826	0.00	0.00
ENSG00000253828	0.00	0.00
ENSG00000253831	0.00	0.25
ENSG00000253833	1.25	0.00
ENSG00000253840	0.00	0.00
ENSG00000253841	0.00	0.00
ENSG00000253843	0.00	0.00
ENSG00000253845	0.00	0.00
ENSG00000253846	1092.75	892.50

ENSG00000253860	0.00	0.00
ENSG00000253861	15.25	13.50
ENSG00000253862	0.00	0.00
ENSG00000253866	0.00	0.00
ENSG00000253869	0.25	0.00
ENSG00000253870	0.00	0.00
ENSG00000253873	753.25	717.25
ENSG00000253874	0.00	0.00
ENSG00000253881	0.00	0.00
ENSG00000253882	103.25	130.00
ENSG00000253883	0.00	0.00
ENSG00000253884	0.00	0.00
ENSG00000253885	0.00	0.00
ENSG00000253886	0.00	0.00
ENSG00000253889	0.00	0.00
ENSG00000253895	0.00	0.00
ENSG00000253897	0.00	0.00
ENSG00000253899	0.00	0.00
ENSG00000253900	0.00	0.00
ENSG00000253906	0.00	0.00
ENSG00000253907	0.25	0.00
ENSG00000253908	2.25	1.50
ENSG00000253910	378.50	337.00
ENSG00000253912	0.00	0.00
ENSG00000253913	0.00	0.00
ENSG00000253915	0.00	0.00
ENSG00000253916	0.00	0.00
ENSG00000253919	1.25	1.25
ENSG00000253920	0.00	0.00
ENSG00000253923	4.00	3.50
ENSG00000253934	1.75	0.25
ENSG00000253935	0.00	0.00
ENSG00000253936	0.00	0.00
ENSG00000253937	0.00	0.00
ENSG00000253940	0.00	0.00
ENSG00000253941	0.00	0.00
ENSG00000253942	0.00	0.00
ENSG00000253943	0.50	0.50
ENSG00000253945	0.00	0.00
ENSG00000253946	0.00	0.00
ENSG00000253951	0.00	0.00
ENSG00000253952	0.50	0.25
ENSG00000253953	575.50	449.50

ENSG00000253954	0.25	0.25
ENSG00000253957	0.00	0.00
ENSG00000253958	508.25	394.25
ENSG00000253963	0.00	0.00
ENSG00000253964	0.00	0.00
ENSG00000253966	0.00	0.25
ENSG00000253970	0.00	0.00
ENSG00000253971	0.50	0.75
ENSG00000253975	0.00	0.00
ENSG00000253977	0.00	0.00
ENSG00000253981	8.00	8.00
ENSG00000253989	0.00	0.00
ENSG00000253991	0.00	0.00
ENSG00000253993	0.00	0.00
ENSG00000253994	0.00	0.00
ENSG00000253995	0.00	0.00
ENSG00000253997	0.00	0.00
ENSG00000253998	0.00	0.00
ENSG00000253999	0.00	0.00
ENSG00000254004	523.25	376.75
ENSG00000254009	0.00	0.00
ENSG00000254012	0.50	0.25
ENSG00000254013	0.00	0.50
ENSG00000254014	0.00	0.00
ENSG00000254015	0.00	0.00
ENSG00000254016	1.25	0.75
ENSG00000254017	0.50	1.50
ENSG00000254023	0.25	0.00
ENSG00000254025	0.00	0.00
ENSG00000254029	0.00	0.00
ENSG00000254030	0.00	0.00
ENSG00000254036	0.00	0.00
ENSG00000254037	0.00	0.00
ENSG00000254045	0.00	0.00
ENSG00000254046	0.00	0.00
ENSG00000254047	0.00	0.00
ENSG00000254051	0.00	0.00
ENSG00000254052	0.00	0.00
ENSG00000254053	0.00	0.00
ENSG00000254056	0.00	0.00
ENSG00000254061	0.00	0.00
ENSG00000254063	0.00	0.00
ENSG00000254065	0.00	0.00

ENSG00000254069	0.00	0.00
ENSG00000254070	0.00	0.00
ENSG00000254073	0.00	0.00
ENSG00000254075	0.00	0.00
ENSG00000254076	0.25	0.75
ENSG00000254077	0.00	0.00
ENSG00000254079	0.00	0.00
ENSG00000254087	122.75	173.75
ENSG00000254088	0.25	0.00
ENSG00000254090	0.00	0.00
ENSG00000254091	0.00	0.00
ENSG00000254093	103.50	85.00
ENSG00000254097	0.00	0.00
ENSG00000254098	0.00	0.00
ENSG00000254103	0.25	0.00
ENSG00000254104	0.25	0.00
ENSG00000254105	0.00	0.00
ENSG00000254112	0.00	0.00
ENSG00000254114	0.00	0.00
ENSG00000254118	0.00	0.00
ENSG00000254122	2283.50	1965.25
ENSG00000254124	0.00	0.00
ENSG00000254126	0.00	0.00
ENSG00000254127	0.00	0.00
ENSG00000254131	0.75	0.25
ENSG00000254132	0.25	0.50
ENSG00000254134	0.00	0.00
ENSG00000254145	0.00	0.00
ENSG00000254146	0.00	0.00
ENSG00000254150	0.00	0.00
ENSG00000254151	0.00	0.00
ENSG00000254152	0.25	0.25
ENSG00000254156	0.00	0.00
ENSG00000254157	0.00	0.00
ENSG00000254158	0.00	0.00
ENSG00000254161	0.00	0.00
ENSG00000254167	0.00	0.00
ENSG00000254170	0.00	0.25
ENSG00000254174	0.00	0.00
ENSG00000254175	0.00	0.00
ENSG00000254176	0.00	0.00
ENSG00000254181	0.00	0.00
ENSG00000254182	0.00	0.00

ENSG00000254183	0.00	0.00
ENSG00000254185	0.00	0.75
ENSG00000254189	0.00	0.00
ENSG00000254190	0.00	0.00
ENSG00000254193	0.00	0.00
ENSG00000254195	0.00	0.00
ENSG00000254198	14.00	13.75
ENSG00000254200	0.00	0.00
ENSG00000254203	0.00	0.00
ENSG00000254206	30.25	27.50
ENSG00000254212	0.00	0.00
ENSG00000254213	0.75	0.25
ENSG00000254215	0.00	0.00
ENSG00000254216	0.00	0.00
ENSG00000254220	0.00	0.00
ENSG00000254221	196.25	176.25
ENSG00000254225	0.00	0.00
ENSG00000254228	0.00	0.00
ENSG00000254229	7.00	5.50
ENSG00000254240	0.00	0.00
ENSG00000254241	0.00	0.00
ENSG00000254244	0.00	0.00
ENSG00000254245	148.50	132.50
ENSG00000254247	0.00	0.00
ENSG00000254252	0.00	0.00
ENSG00000254253	0.00	0.00
ENSG00000254255	0.00	0.00
ENSG00000254256	0.00	0.00
ENSG00000254264	0.00	0.00
ENSG00000254265	0.00	0.00
ENSG00000254268	0.00	0.00
ENSG00000254270	0.00	0.00
ENSG00000254272	0.00	0.00
ENSG00000254273	0.00	0.25
ENSG00000254274	0.50	0.00
ENSG00000254279	0.00	0.00
ENSG00000254283	0.00	0.00
ENSG00000254285	0.75	1.75
ENSG00000254289	0.00	0.00
ENSG00000254292	0.00	0.00
ENSG00000254294	0.25	1.25
ENSG00000254305	0.50	0.00
ENSG00000254308	0.00	0.00

ENSG00000254309	0.00	0.00
ENSG00000254310	0.25	0.00
ENSG00000254311	0.00	0.00
ENSG00000254312	0.25	0.00
ENSG00000254313	0.00	0.00
ENSG00000254316	0.00	0.00
ENSG00000254320	0.00	0.00
ENSG00000254326	0.00	0.00
ENSG00000254328	0.00	0.00
ENSG00000254329	0.00	0.00
ENSG00000254331	0.00	0.00
ENSG00000254332	0.50	3.25
ENSG00000254335	0.00	0.00
ENSG00000254336	0.00	0.25
ENSG00000254342	0.00	0.00
ENSG00000254345	0.00	0.00
ENSG00000254346	0.00	0.00
ENSG00000254348	0.00	0.50
ENSG00000254351	0.00	0.00
ENSG00000254352	2.75	5.25
ENSG00000254355	0.00	0.00
ENSG00000254358	0.00	0.00
ENSG00000254373	0.25	0.00
ENSG00000254376	0.00	0.00
ENSG00000254381	0.00	0.00
ENSG00000254384	0.00	0.25
ENSG00000254387	0.25	0.00
ENSG00000254388	0.00	0.25
ENSG00000254392	0.00	0.00
ENSG00000254395	0.00	0.00
ENSG00000254398	0.00	0.00
ENSG00000254399	0.00	0.00
ENSG00000254402	14.50	12.75
ENSG00000254403	0.50	0.00
ENSG00000254405	4.25	2.50
ENSG00000254406	0.00	0.00
ENSG00000254407	0.00	0.00
ENSG00000254408	0.00	0.00
ENSG00000254411	0.00	0.00
ENSG00000254412	0.00	0.00
ENSG00000254413	20.00	27.00
ENSG00000254415	1.50	0.25
ENSG00000254423	0.25	0.00

ENSG00000254424	0.00	0.00
ENSG00000254425	0.00	0.00
ENSG00000254430	0.00	0.00
ENSG00000254436	0.00	0.00
ENSG00000254437	0.00	0.00
ENSG00000254440	1.50	0.50
ENSG00000254441	1.00	0.25
ENSG00000254442	0.00	0.00
ENSG00000254445	212.25	219.75
ENSG00000254447	0.00	0.00
ENSG00000254449	0.00	0.00
ENSG00000254454	0.00	0.00
ENSG00000254455	0.00	0.00
ENSG00000254457	0.00	0.00
ENSG00000254462	2.00	0.75
ENSG00000254463	2.50	1.50
ENSG00000254464	0.00	0.00
ENSG00000254465	0.00	0.00
ENSG00000254466	0.00	0.00
ENSG00000254469	22.00	14.00
ENSG00000254470	292.00	442.75
ENSG00000254471	0.00	0.00
ENSG00000254472	0.50	0.25
ENSG00000254475	0.00	0.00
ENSG00000254478	0.00	0.00
ENSG00000254479	0.00	0.25
ENSG00000254481	0.00	0.00
ENSG00000254482	0.00	0.00
ENSG00000254483	1.50	0.25
ENSG00000254487	0.00	0.00
ENSG00000254490	0.00	0.00
ENSG00000254491	0.00	0.00
ENSG00000254492	0.00	0.00
ENSG00000254496	0.00	0.00
ENSG00000254498	0.00	0.00
ENSG00000254500	0.25	0.25
ENSG00000254502	0.25	0.00
ENSG00000254503	4.75	4.50
ENSG00000254505	367.00	304.25
ENSG00000254506	5.50	15.50
ENSG00000254507	2.00	2.00
ENSG00000254509	5.00	4.25
ENSG00000254512	0.25	0.00

ENSG00000254515	0.00	0.00
ENSG00000254517	0.00	0.00
ENSG00000254521	0.00	0.00
ENSG00000254522	0.00	0.00
ENSG00000254524	0.00	0.00
ENSG00000254527	3.50	1.50
ENSG00000254529	0.00	0.00
ENSG00000254534	0.00	0.00
ENSG00000254535	31.50	18.25
ENSG00000254536	1.00	0.00
ENSG00000254537	2.25	2.75
ENSG00000254541	0.00	0.00
ENSG00000254543	0.00	0.00
ENSG00000254544	0.00	0.00
ENSG00000254546	0.00	0.00
ENSG00000254547	0.00	0.00
ENSG00000254550	0.00	0.50
ENSG00000254553	4.00	2.00
ENSG00000254555	0.00	0.00
ENSG00000254558	0.00	0.00
ENSG00000254564	0.00	0.00
ENSG00000254565	0.25	0.25
ENSG00000254567	0.00	0.00
ENSG00000254569	0.00	0.00
ENSG00000254572	0.25	0.00
ENSG00000254576	0.00	0.00
ENSG00000254579	3.00	0.75
ENSG00000254581	0.00	0.00
ENSG00000254582	0.25	0.25
ENSG00000254583	0.00	0.00
ENSG00000254585	29.50	24.75
ENSG00000254589	0.00	0.25
ENSG00000254590	1.25	0.00
ENSG00000254591	0.00	0.00
ENSG00000254593	1.25	0.50
ENSG00000254595	13.50	11.75
ENSG00000254596	0.00	0.25
ENSG00000254597	0.00	0.00
ENSG00000254598	1.75	1.50
ENSG00000254601	0.00	0.00
ENSG00000254603	0.00	0.00
ENSG00000254608	0.00	0.00
ENSG00000254609	0.00	0.00

ENSG00000254612	0.50	0.00
ENSG00000254613	0.00	0.00
ENSG00000254616	0.00	0.00
ENSG00000254617	0.00	0.00
ENSG00000254618	0.00	2.50
ENSG00000254621	0.00	0.00
ENSG00000254623	0.00	0.00
ENSG00000254624	0.00	0.00
ENSG00000254629	0.00	0.00
ENSG00000254633	25.00	20.00
ENSG00000254634	7.00	6.25
ENSG00000254636	0.25	0.25
ENSG00000254637	0.00	0.00
ENSG00000254642	0.00	0.25
ENSG00000254644	0.00	0.00
ENSG00000254646	0.00	0.00
ENSG00000254647	0.00	0.00
ENSG00000254650	0.00	0.00
ENSG00000254655	0.00	0.00
ENSG00000254656	2.50	2.00
ENSG00000254658	0.00	0.00
ENSG00000254660	0.00	0.00
ENSG00000254663	0.00	0.00
ENSG00000254667	1.50	1.75
ENSG00000254668	0.00	0.00
ENSG00000254672	0.25	0.00
ENSG00000254673	44.50	30.00
ENSG00000254674	0.00	0.00
ENSG00000254677	0.00	0.00
ENSG00000254678	0.00	0.25
ENSG00000254681	457.00	646.00
ENSG00000254683	0.00	0.00
ENSG00000254684	0.00	0.25
ENSG00000254685	309.25	295.25
ENSG00000254692	371.00	407.25
ENSG00000254696	0.00	0.00
ENSG00000254697	0.00	0.00
ENSG00000254700	0.00	0.00
ENSG00000254701	11.75	1.50
ENSG00000254702	0.00	0.00
ENSG00000254704	0.00	0.00
ENSG00000254706	0.50	1.25
ENSG00000254708	0.00	0.00

ENSG00000254709	0.00	0.00
ENSG00000254712	0.00	0.00
ENSG00000254713	0.00	0.00
ENSG00000254714	0.00	0.00
ENSG00000254715	2.75	4.50
ENSG00000254717	1.25	1.50
ENSG00000254719	0.00	0.00
ENSG00000254720	0.00	0.00
ENSG00000254722	0.00	0.00
ENSG00000254723	0.00	0.00
ENSG00000254724	0.00	0.00
ENSG00000254725	0.00	0.00
ENSG00000254726	79.50	24.50
ENSG00000254727	0.25	0.00
ENSG00000254728	0.00	0.00
ENSG00000254730	0.00	0.00
ENSG00000254732	4.75	3.25
ENSG00000254735	0.00	0.00
ENSG00000254736	0.00	0.00
ENSG00000254737	0.00	0.00
ENSG00000254738	0.00	0.00
ENSG00000254743	1.25	1.50
ENSG00000254747	0.00	0.00
ENSG00000254748	0.00	0.00
ENSG00000254749	0.00	0.00
ENSG00000254750	0.00	0.00
ENSG00000254751	0.00	0.00
ENSG00000254752	0.00	0.00
ENSG00000254755	0.00	0.00
ENSG00000254758	0.00	0.00
ENSG00000254759	6.25	3.25
ENSG00000254764	0.00	0.00
ENSG00000254765	0.00	0.00
ENSG00000254767	0.00	0.00
ENSG00000254769	0.00	0.00
ENSG00000254770	0.00	0.00
ENSG00000254771	0.00	0.25
ENSG00000254772	35522.50	30683.25
ENSG00000254776	0.00	0.00
ENSG00000254778	10.50	2.50
ENSG00000254779	0.50	0.00
ENSG00000254780	0.00	0.00
ENSG00000254781	0.00	0.00

ENSG00000254783	7.25	5.50
ENSG00000254784	0.00	0.00
ENSG00000254785	0.00	0.00
ENSG00000254786	0.00	0.00
ENSG00000254788	18.75	21.00
ENSG00000254792	3.25	3.75
ENSG00000254793	0.25	0.50
ENSG00000254794	0.00	0.00
ENSG00000254795	0.00	0.00
ENSG00000254796	0.00	0.00
ENSG00000254798	0.00	0.00
ENSG00000254799	0.00	0.00
ENSG00000254800	0.00	0.00
ENSG00000254801	0.00	0.00
ENSG00000254803	0.00	0.00
ENSG00000254805	0.00	0.00
ENSG00000254806	45.50	16.50
ENSG00000254807	0.00	0.00
ENSG00000254811	3.50	1.75
ENSG00000254816	0.00	0.00
ENSG00000254817	0.00	0.00
ENSG00000254818	5.00	2.75
ENSG00000254824	0.00	0.00
ENSG00000254825	0.00	0.00
ENSG00000254827	20.75	11.50
ENSG00000254828	0.00	0.00
ENSG00000254831	0.00	0.00
ENSG00000254832	0.00	0.00
ENSG00000254834	0.00	0.00
ENSG00000254838	10.75	17.00
ENSG00000254840	1.25	1.50
ENSG00000254841	0.00	0.00
ENSG00000254843	3.50	2.25
ENSG00000254848	0.00	0.00
ENSG00000254850	0.00	0.00
ENSG00000254851	0.00	8.50
ENSG00000254852	14.25	8.00
ENSG00000254853	0.00	0.00
ENSG00000254856	0.00	0.00
ENSG00000254857	0.00	0.00
ENSG00000254858	114.00	145.25
ENSG00000254866	7.75	6.00
ENSG00000254867	0.00	0.00

ENSG00000254870	1.00	1.75
ENSG00000254871	0.00	0.00
ENSG00000254875	4.50	0.50
ENSG00000254877	0.25	0.00
ENSG00000254883	0.00	0.25
ENSG00000254884	0.00	0.50
ENSG00000254886	0.00	0.00
ENSG00000254888	0.00	0.00
ENSG00000254889	0.00	0.00
ENSG00000254890	0.00	0.00
ENSG00000254891	0.00	0.00
ENSG00000254892	0.00	0.00
ENSG00000254893	1.50	4.50
ENSG00000254895	0.00	0.25
ENSG00000254897	0.00	0.00
ENSG00000254899	0.00	0.25
ENSG00000254901	238.50	194.25
ENSG00000254903	0.00	0.00
ENSG00000254909	4.50	2.50
ENSG00000254912	4.00	3.50
ENSG00000254914	0.00	0.00
ENSG00000254915	0.00	0.00
ENSG00000254916	0.00	0.00
ENSG00000254917	0.00	0.00
ENSG00000254920	0.00	0.00
ENSG00000254923	0.50	0.25
ENSG00000254924	0.75	0.00
ENSG00000254925	0.00	0.00
ENSG00000254926	0.00	0.00
ENSG00000254931	0.00	0.75
ENSG00000254935	0.00	0.00
ENSG00000254937	0.00	0.00
ENSG00000254939	0.00	0.00
ENSG00000254940	0.00	0.00
ENSG00000254941	13.25	11.00
ENSG00000254944	13.25	6.50
ENSG00000254947	0.00	0.00
ENSG00000254948	0.00	0.00
ENSG00000254949	0.00	0.00
ENSG00000254953	0.00	0.00
ENSG00000254954	0.00	0.00
ENSG00000254957	0.00	0.25
ENSG00000254959	12.25	27.50

ENSG00000254961	0.00	0.00
ENSG00000254962	3.25	4.50
ENSG00000254965	0.25	0.25
ENSG00000254974	0.75	0.25
ENSG00000254976	0.00	0.00
ENSG00000254978	3.00	2.25
ENSG00000254979	10.00	6.50
ENSG00000254984	0.75	0.75
ENSG00000254986	684.25	853.50
ENSG00000254992	0.00	0.00
ENSG00000254993	0.00	0.00
ENSG00000254995	13.00	15.25
ENSG00000254996	1077.25	783.25
ENSG00000254997	2.75	1.00
ENSG00000254999	2447.75	2299.75
ENSG00000255000	1.25	0.50
ENSG00000255001	0.00	0.25
ENSG00000255003	0.00	0.00
ENSG00000255006	0.00	0.00
ENSG00000255009	0.00	0.00
ENSG00000255010	0.75	0.25
ENSG00000255011	0.00	0.00
ENSG00000255012	0.00	0.00
ENSG00000255014	0.00	0.00
ENSG00000255016	0.00	0.00
ENSG00000255018	0.00	0.00
ENSG00000255019	0.00	0.00
ENSG00000255022	0.00	0.00
ENSG00000255025	0.00	0.00
ENSG00000255030	0.00	0.00
ENSG00000255033	0.00	0.00
ENSG00000255035	0.25	0.25
ENSG00000255037	0.00	0.00
ENSG00000255040	0.25	0.50
ENSG00000255042	0.00	0.00
ENSG00000255047	0.00	0.00
ENSG00000255048	0.00	0.00
ENSG00000255051	0.25	0.50
ENSG00000255053	0.00	0.00
ENSG00000255054	0.50	1.75
ENSG00000255055	0.00	0.00
ENSG00000255057	0.50	0.25
ENSG00000255058	1.00	0.00

ENSG00000255059	0.00	0.00
ENSG00000255063	0.00	0.00
ENSG00000255065	0.00	0.00
ENSG00000255070	0.00	0.00
ENSG00000255071	0.00	0.00
ENSG00000255072	4.25	5.00
ENSG00000255073	3.75	7.25
ENSG00000255074	0.75	0.75
ENSG00000255075	0.00	0.00
ENSG00000255077	0.00	0.00
ENSG00000255078	0.00	0.00
ENSG00000255083	0.00	0.00
ENSG00000255085	1.75	0.50
ENSG00000255086	0.00	0.00
ENSG00000255088	0.00	0.00
ENSG00000255095	0.00	0.00
ENSG00000255096	0.00	0.00
ENSG00000255099	0.00	0.00
ENSG00000255104	0.75	0.00
ENSG00000255105	0.00	0.00
ENSG00000255106	0.00	0.00
ENSG00000255107	0.00	0.00
ENSG00000255110	0.00	0.00
ENSG00000255111	12.50	10.75
ENSG00000255112	1125.00	1169.75
ENSG00000255113	0.00	0.00
ENSG00000255115	1.75	0.75
ENSG00000255116	0.00	0.00
ENSG00000255122	1.25	1.50
ENSG00000255123	0.00	0.00
ENSG00000255127	0.00	0.00
ENSG00000255128	0.00	0.00
ENSG00000255131	0.00	0.00
ENSG00000255134	0.00	0.00
ENSG00000255138	0.00	0.00
ENSG00000255140	0.00	0.00
ENSG00000255141	0.00	0.00
ENSG00000255144	0.00	0.00
ENSG00000255147	0.00	0.00
ENSG00000255149	0.00	0.00
ENSG00000255150	34.25	34.75
ENSG00000255151	0.00	0.00
ENSG00000255152	1.00	1.00

ENSG00000255154	75.25	70.75
ENSG00000255155	0.25	0.25
ENSG00000255157	0.25	0.00
ENSG00000255161	0.00	0.25
ENSG00000255162	0.00	0.00
ENSG00000255163	0.00	0.00
ENSG00000255166	0.00	0.00
ENSG00000255170	0.00	0.00
ENSG00000255172	0.00	0.00
ENSG00000255174	0.00	0.00
ENSG00000255181	0.00	0.00
ENSG00000255184	0.00	0.00
ENSG00000255185	84.00	77.00
ENSG00000255188	0.00	0.00
ENSG00000255189	0.00	0.00
ENSG00000255190	0.00	0.00
ENSG00000255192	0.50	0.00
ENSG00000255194	0.00	0.75
ENSG00000255196	0.00	0.00
ENSG00000255199	0.75	1.00
ENSG00000255200	23.00	19.00
ENSG00000255203	0.75	0.50
ENSG00000255204	0.00	0.00
ENSG00000255205	0.00	0.00
ENSG00000255207	0.00	0.00
ENSG00000255210	0.00	0.00
ENSG00000255211	0.00	0.25
ENSG00000255213	0.25	0.00
ENSG00000255214	0.00	0.00
ENSG00000255215	0.00	0.00
ENSG00000255217	0.00	0.00
ENSG00000255218	0.00	0.00
ENSG00000255220	0.00	0.00
ENSG00000255221	0.00	0.00
ENSG00000255222	0.00	0.00
ENSG00000255223	0.00	0.00
ENSG00000255225	0.00	0.00
ENSG00000255230	0.00	0.00
ENSG00000255231	0.00	0.00
ENSG00000255232	0.00	0.00
ENSG00000255235	0.00	0.00
ENSG00000255238	0.00	0.00
ENSG00000255239	0.00	0.25

ENSG00000255245	0.00	0.00
ENSG00000255251	0.25	0.25
ENSG00000255253	0.00	0.00
ENSG00000255254	0.00	0.00
ENSG00000255255	0.25	0.00
ENSG00000255259	0.00	0.00
ENSG00000255261	0.00	0.00
ENSG00000255262	0.00	0.00
ENSG00000255265	0.00	0.00
ENSG00000255266	0.25	0.25
ENSG00000255268	0.00	0.00
ENSG00000255273	0.00	0.00
ENSG00000255275	1.00	0.50
ENSG00000255277	8.25	4.50
ENSG00000255280	0.00	0.00
ENSG00000255281	0.00	0.00
ENSG00000255282	3.25	3.25
ENSG00000255283	2.75	0.75
ENSG00000255285	0.00	0.00
ENSG00000255286	0.00	0.00
ENSG00000255287	0.00	0.00
ENSG00000255288	0.00	0.00
ENSG00000255291	0.25	0.25
ENSG00000255292	5.50	5.50
ENSG00000255293	0.00	0.00
ENSG00000255294	0.00	0.00
ENSG00000255295	0.00	0.00
ENSG00000255296	0.00	0.00
ENSG00000255297	0.00	0.00
ENSG00000255298	0.00	0.00
ENSG00000255302	4882.50	3927.25
ENSG00000255303	0.75	0.25
ENSG00000255304	0.00	0.00
ENSG00000255305	1.75	2.25
ENSG00000255307	0.00	0.00
ENSG00000255309	0.00	0.00
ENSG00000255312	0.00	0.00
ENSG00000255315	0.00	0.00
ENSG00000255316	0.00	0.00
ENSG00000255319	9.25	3.00
ENSG00000255329	0.25	0.25
ENSG00000255330	65.50	100.75
ENSG00000255331	0.00	0.00

ENSG00000255333	0.00	0.00
ENSG00000255336	0.00	0.00
ENSG00000255338	0.00	0.00
ENSG00000255339	42.25	36.50
ENSG00000255341	0.00	0.00
ENSG00000255342	1.25	1.00
ENSG00000255346	71.25	41.75
ENSG00000255347	0.00	0.00
ENSG00000255349	0.00	0.00
ENSG00000255350	0.00	0.50
ENSG00000255352	0.25	0.00
ENSG00000255353	0.00	0.00
ENSG00000255356	0.00	0.00
ENSG00000255358	0.00	0.00
ENSG00000255359	0.00	0.25
ENSG00000255360	0.00	0.00
ENSG00000255361	0.00	0.00
ENSG00000255365	0.25	0.00
ENSG00000255368	0.00	0.00
ENSG00000255369	0.00	0.00
ENSG00000255370	0.00	0.00
ENSG00000255374	0.00	0.00
ENSG00000255376	0.00	0.00
ENSG00000255377	0.00	0.00
ENSG00000255378	0.25	0.25
ENSG00000255379	0.00	0.00
ENSG00000255380	0.00	0.00
ENSG00000255381	0.00	0.00
ENSG00000255385	0.00	0.00
ENSG00000255386	0.00	0.00
ENSG00000255387	0.00	0.00
ENSG00000255391	0.00	0.00
ENSG00000255396	0.00	0.00
ENSG00000255397	1.50	0.75
ENSG00000255398	0.50	0.00
ENSG00000255401	0.00	0.00
ENSG00000255403	0.00	0.00
ENSG00000255408	11.75	12.50
ENSG00000255413	0.00	0.00
ENSG00000255415	0.00	0.00
ENSG00000255416	0.00	0.00
ENSG00000255417	0.00	0.00
ENSG00000255419	5.00	4.25

ENSG00000255423	13.25	12.50
ENSG00000255424	0.00	0.00
ENSG00000255425	0.00	0.00
ENSG00000255430	0.00	0.00
ENSG00000255431	0.00	0.00
ENSG00000255432	1.75	0.75
ENSG00000255437	0.00	0.00
ENSG00000255439	66.50	53.00
ENSG00000255442	0.00	0.00
ENSG00000255444	0.00	0.00
ENSG00000255445	4.50	2.25
ENSG00000255450	0.00	0.25
ENSG00000255452	0.00	0.00
ENSG00000255454	0.00	0.00
ENSG00000255457	0.00	0.00
ENSG00000255459	2.25	2.50
ENSG00000255460	0.00	0.00
ENSG00000255461	0.00	0.00
ENSG00000255463	0.00	0.00
ENSG00000255464	0.00	0.50
ENSG00000255466	0.00	0.00
ENSG00000255469	0.00	0.00
ENSG00000255481	0.00	0.00
ENSG00000255483	0.00	0.00
ENSG00000255485	0.00	0.00
ENSG00000255486	0.00	0.00
ENSG00000255489	0.00	0.00
ENSG00000255490	0.00	0.00
ENSG00000255492	0.00	0.00
ENSG00000255493	0.00	0.00
ENSG00000255497	0.00	0.00
ENSG00000255499	0.00	0.00
ENSG00000255500	0.00	0.00
ENSG00000255501	0.00	0.00
ENSG00000255504	0.00	0.00
ENSG00000255505	0.00	0.00
ENSG00000255508	278.25	145.00
ENSG00000255510	0.00	0.00
ENSG00000255511	0.00	0.00
ENSG00000255513	1.50	1.75
ENSG00000255514	0.00	0.00
ENSG00000255515	0.00	0.00
ENSG00000255519	0.00	0.00

ENSG00000255522	0.00	1.75
ENSG00000255524	1.00	1.25
ENSG00000255526	14.50	9.00
ENSG00000255527	0.00	0.00
ENSG00000255529	1707.75	1406.25
ENSG00000255530	0.25	0.50
ENSG00000255531	0.00	0.00
ENSG00000255532	0.00	0.00
ENSG00000255533	0.00	0.00
ENSG00000255534	0.00	0.00
ENSG00000255535	0.00	0.00
ENSG00000255536	0.00	0.00
ENSG00000255538	1.00	0.50
ENSG00000255540	0.00	0.00
ENSG00000255541	0.00	0.00
ENSG00000255543	0.00	0.00
ENSG00000255544	0.00	0.00
ENSG00000255547	0.00	0.00
ENSG00000255549	1.25	0.00
ENSG00000255550	0.00	0.00
ENSG00000255551	0.00	0.00
ENSG00000255552	0.50	0.00
ENSG00000255554	0.00	0.00
ENSG00000255556	0.00	0.00
ENSG00000255560	0.00	0.00
ENSG00000255561	46.75	33.25
ENSG00000255562	0.25	0.50
ENSG00000255563	0.75	0.50
ENSG00000255566	1.50	1.00
ENSG00000255569	0.00	0.00
ENSG00000255575	0.00	0.00
ENSG00000255581	0.00	0.00
ENSG00000255582	0.00	0.00
ENSG00000255583	1.25	0.25
ENSG00000255585	7.50	8.75
ENSG00000255587	3.50	1.25
ENSG00000255622	0.75	0.50
ENSG00000255624	2.25	1.50
ENSG00000255627	0.00	0.00
ENSG00000255633	0.00	0.00
ENSG00000255639	42.25	35.75
ENSG00000255641	0.00	0.00
ENSG00000255642	72.50	48.00

ENSG00000255653	0.00	0.00
ENSG00000255663	3.00	1.25
ENSG00000255664	0.00	0.00
ENSG00000255690	16.00	7.50
ENSG00000255700	0.00	0.00
ENSG00000255703	0.00	0.00
ENSG00000255704	0.00	0.00
ENSG00000255710	2.75	1.25
ENSG00000255713	0.00	0.00
ENSG00000255725	0.00	0.00
ENSG00000255726	0.00	0.00
ENSG00000255730	203.00	210.75
ENSG00000255734	0.00	0.00
ENSG00000255749	0.00	0.00
ENSG00000255753	0.00	0.00
ENSG00000255757	36.00	29.50
ENSG00000255763	0.00	0.00
ENSG00000255767	26.50	20.25
ENSG00000255769	22.75	24.75
ENSG00000255776	0.25	0.00
ENSG00000255780	0.00	0.00
ENSG00000255786	0.00	0.00
ENSG00000255804	0.00	0.00
ENSG00000255807	0.25	0.00
ENSG00000255815	0.00	0.00
ENSG00000255819	0.00	0.00
ENSG00000255823	10631.00	9890.75
ENSG00000255830	0.00	0.00
ENSG00000255833	0.00	0.00
ENSG00000255835	2.25	2.25
ENSG00000255836	8.00	3.75
ENSG00000255837	1.75	1.75
ENSG00000255838	0.25	0.00
ENSG00000255853	0.00	0.00
ENSG00000255855	0.00	0.00
ENSG00000255860	0.00	0.00
ENSG00000255863	0.00	0.00
ENSG00000255870	0.00	0.25
ENSG00000255872	3.00	1.25
ENSG00000255875	0.75	0.00
ENSG00000255883	1.75	0.00
ENSG00000255885	0.00	0.00
ENSG00000255892	0.00	0.00

ENSG00000255899	0.00	0.00
ENSG00000255900	0.00	0.00
ENSG00000255903	0.00	0.00
ENSG00000255909	0.00	0.00
ENSG00000255919	0.00	0.00
ENSG00000255923	0.00	0.00
ENSG00000255951	0.00	0.00
ENSG00000255960	0.00	0.00
ENSG00000255964	0.00	0.00
ENSG00000255965	0.00	0.00
ENSG00000255967	0.50	3.00
ENSG00000255972	0.00	0.00
ENSG00000255973	0.00	0.00
ENSG00000255974	15.50	7.25
ENSG00000255976	0.00	0.00
ENSG00000255977	0.00	0.00
ENSG00000255982	0.00	0.00
ENSG00000255986	1.75	7.00
ENSG00000255987	0.00	0.00
ENSG00000255988	0.00	0.00
ENSG00000255991	0.00	0.00
ENSG00000255993	0.00	0.00
ENSG00000255995	0.00	0.00
ENSG00000255996	0.00	0.00
ENSG00000256004	0.00	0.00
ENSG00000256019	0.00	0.00
ENSG00000256021	0.50	0.25
ENSG00000256029	7.00	2.00
ENSG00000256030	1.50	1.50
ENSG00000256035	0.00	0.00
ENSG00000256037	0.25	0.25
ENSG00000256041	0.00	0.00
ENSG00000256043	1040.75	1024.25
ENSG00000256044	0.00	0.00
ENSG00000256045	964.00	843.00
ENSG00000256053	351.25	327.75
ENSG00000256056	0.75	0.50
ENSG00000256060	86.00	83.75
ENSG00000256061	56.00	30.75
ENSG00000256069	9.75	5.00
ENSG00000256070	0.00	0.00
ENSG00000256075	0.00	0.00
ENSG00000256079	0.00	0.00

ENSG00000256081	0.00	0.00
ENSG00000256087	249.25	210.00
ENSG00000256091	0.00	0.25
ENSG00000256093	0.00	0.00
ENSG00000256098	0.00	0.00
ENSG00000256100	0.00	0.00
ENSG00000256103	0.00	0.00
ENSG00000256108	0.00	0.00
ENSG00000256125	1.75	0.00
ENSG00000256134	0.50	0.50
ENSG00000256136	0.00	0.00
ENSG00000256138	0.00	0.00
ENSG00000256148	0.50	1.00
ENSG00000256157	0.00	0.00
ENSG00000256159	0.00	0.00
ENSG00000256162	2.25	1.75
ENSG00000256167	0.50	0.50
ENSG00000256171	0.00	0.00
ENSG00000256176	0.00	0.00
ENSG00000256181	0.00	0.00
ENSG00000256188	1.00	1.00
ENSG00000256189	0.00	0.00
ENSG00000256192	0.25	0.00
ENSG00000256206	5.50	2.50
ENSG00000256210	0.00	0.00
ENSG00000256211	0.25	0.25
ENSG00000256221	0.00	0.00
ENSG00000256222	2.00	0.50
ENSG00000256223	245.50	130.50
ENSG00000256229	141.00	118.75
ENSG00000256235	705.25	1581.25
ENSG00000256238	2.25	1.50
ENSG00000256243	0.00	0.00
ENSG00000256254	0.00	0.00
ENSG00000256263	0.00	0.00
ENSG00000256269	92.25	86.50
ENSG00000256274	0.00	1.50
ENSG00000256280	0.00	0.25
ENSG00000256282	7.25	4.75
ENSG00000256283	0.00	0.00
ENSG00000256285	0.00	0.00
ENSG00000256293	0.00	0.00
ENSG00000256294	224.25	174.75

ENSG00000256304	7.75	3.75
ENSG00000256310	0.00	0.00
ENSG00000256331	0.00	0.00
ENSG00000256338	2.25	5.50
ENSG00000256340	28.25	8.75
ENSG00000256346	0.00	0.00
ENSG00000256347	0.00	0.25
ENSG00000256349	9.75	9.75
ENSG00000256350	0.00	0.25
ENSG00000256351	0.75	0.50
ENSG00000256353	0.00	0.00
ENSG00000256355	0.25	0.00
ENSG00000256356	0.50	0.00
ENSG00000256358	0.00	0.00
ENSG00000256361	0.25	0.50
ENSG00000256371	0.00	0.00
ENSG00000256372	0.00	0.00
ENSG00000256374	0.00	0.00
ENSG00000256378	0.00	0.00
ENSG00000256379	22.25	20.00
ENSG00000256385	0.00	0.00
ENSG00000256393	0.00	0.00
ENSG00000256394	0.00	0.00
ENSG00000256399	0.00	0.25
ENSG00000256400	0.00	0.00
ENSG00000256407	1.25	0.25
ENSG00000256420	0.00	0.00
ENSG00000256436	0.25	0.75
ENSG00000256441	0.00	0.00
ENSG00000256450	0.00	0.00
ENSG00000256453	1.50	0.50
ENSG00000256463	0.00	0.00
ENSG00000256464	2.00	2.50
ENSG00000256465	0.00	0.00
ENSG00000256474	0.00	0.00
ENSG00000256480	0.00	0.00
ENSG00000256496	0.00	0.00
ENSG00000256500	390.75	297.00
ENSG00000256502	0.25	0.00
ENSG00000256514	263.25	240.50
ENSG00000256518	0.00	0.00
ENSG00000256525	128.00	118.25
ENSG00000256533	1.25	1.50

ENSG00000256537	496.75	491.50
ENSG00000256552	1.50	1.50
ENSG00000256553	0.00	0.00
ENSG00000256557	0.00	0.25
ENSG00000256563	0.50	0.00
ENSG00000256566	6.25	3.75
ENSG00000256574	0.25	0.00
ENSG00000256581	0.00	0.00
ENSG00000256589	0.50	0.75
ENSG00000256590	0.00	0.00
ENSG00000256591	254.50	264.75
ENSG00000256594	100.00	89.00
ENSG00000256612	21.50	11.00
ENSG00000256614	0.00	0.00
ENSG00000256616	22.25	6.00
ENSG00000256618	7293.25	6626.75
ENSG00000256625	2.25	1.00
ENSG00000256626	0.00	0.00
ENSG00000256627	0.00	0.00
ENSG00000256630	0.00	0.00
ENSG00000256632	0.00	0.75
ENSG00000256640	0.00	0.00
ENSG00000256646	462.00	421.00
ENSG00000256651	1.00	0.50
ENSG00000256657	0.00	0.00
ENSG00000256660	0.50	0.00
ENSG00000256663	0.50	1.75
ENSG00000256664	140.50	73.50
ENSG00000256667	76.25	40.75
ENSG00000256671	25.00	42.25
ENSG00000256673	0.25	0.00
ENSG00000256674	0.00	0.00
ENSG00000256678	0.25	0.00
ENSG00000256681	0.00	0.00
ENSG00000256682	0.00	0.00
ENSG00000256683	201.00	160.50
ENSG00000256704	0.00	0.00
ENSG00000256708	0.00	0.00
ENSG00000256709	0.00	0.25
ENSG00000256713	13.25	4.00
ENSG00000256720	0.50	0.25
ENSG00000256723	0.25	0.00
ENSG00000256734	0.00	0.25

ENSG00000256737	0.00	0.00
ENSG00000256745	0.00	0.00
ENSG00000256748	0.00	0.00
ENSG00000256752	0.00	0.00
ENSG00000256756	0.00	0.00
ENSG00000256762	0.00	0.00
ENSG00000256771	94.25	68.00
ENSG00000256774	0.25	0.00
ENSG00000256777	0.00	0.00
ENSG00000256779	0.00	0.25
ENSG00000256797	0.00	0.00
ENSG00000256799	0.00	0.00
ENSG00000256804	0.25	0.25
ENSG00000256812	1.00	0.75
ENSG00000256817	0.25	0.00
ENSG00000256825	0.00	0.00
ENSG00000256826	0.25	0.00
ENSG00000256827	0.75	0.75
ENSG00000256835	0.00	0.00
ENSG00000256843	0.00	0.00
ENSG00000256844	0.25	0.00
ENSG00000256847	0.00	0.00
ENSG00000256849	0.25	0.00
ENSG00000256851	0.00	0.00
ENSG00000256852	0.00	0.00
ENSG00000256861	4.00	42.75
ENSG00000256863	0.00	0.00
ENSG00000256870	0.00	0.00
ENSG00000256892	1.00	0.75
ENSG00000256896	0.00	0.00
ENSG00000256898	0.50	1.00
ENSG00000256902	0.50	1.50
ENSG00000256912	0.00	0.00
ENSG00000256913	0.25	0.00
ENSG00000256917	0.00	0.00
ENSG00000256937	0.75	0.00
ENSG00000256950	1.00	0.50
ENSG00000256951	0.00	0.25
ENSG00000256963	0.00	0.00
ENSG00000256966	12.50	8.25
ENSG00000256968	0.00	0.00
ENSG00000256975	0.00	0.00
ENSG00000256977	36.50	32.75

ENSG00000256980	1.50	1.00
ENSG00000256981	0.00	0.00
ENSG00000256986	0.00	0.00
ENSG00000256987	2.00	2.00
ENSG00000257005	0.00	0.00
ENSG00000257008	0.00	0.00
ENSG00000257012	0.00	0.00
ENSG00000257016	0.00	0.00
ENSG00000257017	5.00	6.75
ENSG00000257021	0.00	0.00
ENSG00000257035	0.00	0.00
ENSG00000257037	1.25	0.50
ENSG00000257043	1.00	1.25
ENSG00000257046	0.00	0.00
ENSG00000257053	0.00	0.00
ENSG00000257062	0.00	0.00
ENSG00000257065	0.00	0.00
ENSG00000257070	0.00	0.00
ENSG00000257074	0.25	0.25
ENSG00000257075	0.50	0.00
ENSG00000257078	0.00	0.00
ENSG00000257087	0.25	0.25
ENSG00000257093	260.25	193.75
ENSG00000257094	0.00	0.00
ENSG00000257101	1.75	0.75
ENSG00000257103	57.50	29.50
ENSG00000257108	29.50	26.75
ENSG00000257109	0.00	0.00
ENSG00000257113	0.00	0.00
ENSG00000257115	0.00	0.00
ENSG00000257119	0.00	0.25
ENSG00000257121	0.00	0.00
ENSG00000257122	73.75	79.25
ENSG00000257125	0.00	0.00
ENSG00000257127	3.50	2.25
ENSG00000257128	0.00	0.00
ENSG00000257129	0.00	0.00
ENSG00000257138	0.00	0.00
ENSG00000257142	0.25	0.00
ENSG00000257146	0.00	0.25
ENSG00000257150	2.00	10.25
ENSG00000257157	0.00	0.00
ENSG00000257159	0.25	0.00

ENSG00000257162	0.00	0.00
ENSG00000257169	0.00	0.00
ENSG00000257171	0.00	0.00
ENSG00000257173	0.00	0.00
ENSG00000257175	0.25	0.00
ENSG00000257179	0.00	0.00
ENSG00000257184	0.00	0.00
ENSG00000257195	0.00	0.00
ENSG00000257198	3.00	0.50
ENSG00000257199	0.00	0.00
ENSG00000257207	18.75	27.00
ENSG00000257210	0.00	1.00
ENSG00000257215	0.00	0.00
ENSG00000257218	543.25	578.25
ENSG00000257220	0.00	0.00
ENSG00000257224	0.00	0.00
ENSG00000257231	0.00	0.00
ENSG00000257232	0.00	0.00
ENSG00000257237	0.00	0.00
ENSG00000257243	1.50	0.25
ENSG00000257246	0.75	2.00
ENSG00000257254	0.00	0.00
ENSG00000257267	753.75	661.50
ENSG00000257281	0.00	0.00
ENSG00000257287	0.00	0.00
ENSG00000257288	0.00	0.25
ENSG00000257289	0.00	0.00
ENSG00000257292	0.00	0.00
ENSG00000257296	0.00	0.00
ENSG00000257300	0.00	0.00
ENSG00000257302	0.00	0.00
ENSG00000257307	2.00	2.25
ENSG00000257308	0.00	0.00
ENSG00000257315	749.75	713.00
ENSG00000257316	0.00	0.25
ENSG00000257323	0.00	0.00
ENSG00000257331	0.00	0.00
ENSG00000257332	0.25	0.25
ENSG00000257335	0.00	1.75
ENSG00000257336	0.50	0.00
ENSG00000257341	0.50	0.25
ENSG00000257343	0.00	0.00
ENSG00000257350	0.00	0.00

ENSG00000257355	0.00	0.25
ENSG00000257356	0.00	0.00
ENSG00000257360	1.00	0.00
ENSG00000257364	0.00	0.00
ENSG00000257365	407.00	335.50
ENSG00000257368	0.00	0.00
ENSG00000257376	0.25	0.50
ENSG00000257384	0.50	0.25
ENSG00000257389	0.00	0.00
ENSG00000257390	10.50	36.00
ENSG00000257392	0.00	0.00
ENSG00000257402	0.00	0.00
ENSG00000257403	0.50	0.75
ENSG00000257404	0.00	0.00
ENSG00000257405	0.00	0.00
ENSG00000257408	0.00	0.00
ENSG00000257411	8.50	11.00
ENSG00000257414	0.00	0.00
ENSG00000257415	0.00	0.00
ENSG00000257426	0.00	0.00
ENSG00000257432	0.00	0.00
ENSG00000257444	0.00	0.25
ENSG00000257446	2.00	2.50
ENSG00000257464	0.00	0.00
ENSG00000257465	0.00	0.00
ENSG00000257473	0.00	0.00
ENSG00000257480	0.00	0.00
ENSG00000257489	7.75	6.00
ENSG00000257493	0.00	0.00
ENSG00000257501	3.50	3.00
ENSG00000257503	0.00	0.00
ENSG00000257506	0.00	0.00
ENSG00000257511	13.00	9.50
ENSG00000257512	5.50	6.75
ENSG00000257513	0.00	0.25
ENSG00000257528	0.00	0.00
ENSG00000257529	46.00	26.75
ENSG00000257531	0.25	0.50
ENSG00000257539	1.25	0.75
ENSG00000257542	174.25	224.75
ENSG00000257558	0.00	0.00
ENSG00000257564	0.00	0.00
ENSG00000257569	0.25	0.00

ENSG00000257570	0.00	0.00
ENSG00000257572	0.00	0.00
ENSG00000257576	2.00	1.00
ENSG00000257580	0.00	0.25
ENSG00000257586	0.00	0.00
ENSG00000257591	32.25	20.75
ENSG00000257594	348.75	370.75
ENSG00000257604	0.00	0.00
ENSG00000257609	0.00	0.00
ENSG00000257611	0.00	0.00
ENSG00000257616	0.00	0.00
ENSG00000257624	0.25	0.25
ENSG00000257629	0.00	0.00
ENSG00000257635	0.00	0.00
ENSG00000257639	0.00	0.00
ENSG00000257643	0.50	0.00
ENSG00000257644	0.00	0.00
ENSG00000257645	0.75	1.00
ENSG00000257648	0.00	0.00
ENSG00000257649	0.00	0.00
ENSG00000257658	0.00	0.00
ENSG00000257662	0.00	0.00
ENSG00000257664	0.50	0.50
ENSG00000257666	0.00	0.25
ENSG00000257668	0.00	0.00
ENSG00000257672	0.00	0.00
ENSG00000257674	0.00	0.00
ENSG00000257675	0.00	0.00
ENSG00000257680	0.00	0.00
ENSG00000257687	0.00	0.00
ENSG00000257691	0.00	0.00
ENSG00000257704	138.75	133.00
ENSG00000257720	0.00	0.00
ENSG00000257721	0.00	0.00
ENSG00000257723	0.00	0.00
ENSG00000257727	651.25	543.75
ENSG00000257730	0.00	0.00
ENSG00000257731	0.00	0.00
ENSG00000257738	0.00	0.00
ENSG00000257743	0.25	0.00
ENSG00000257751	0.00	0.00
ENSG00000257752	1.50	3.00
ENSG00000257757	0.00	0.00

ENSG00000257758	0.25	0.00
ENSG00000257763	0.50	0.75
ENSG00000257767	137.00	198.25
ENSG00000257770	0.00	0.00
ENSG00000257773	1.00	1.50
ENSG00000257777	0.00	0.00
ENSG00000257779	0.00	0.00
ENSG00000257780	0.00	0.00
ENSG00000257786	0.00	0.25
ENSG00000257790	1.25	2.00
ENSG00000257792	0.00	0.00
ENSG00000257800	16.25	9.00
ENSG00000257802	0.25	0.25
ENSG00000257803	0.00	0.50
ENSG00000257807	0.25	0.00
ENSG00000257813	0.00	0.00
ENSG00000257818	0.75	0.25
ENSG00000257820	0.00	0.00
ENSG00000257823	0.00	0.00
ENSG00000257825	0.00	0.00
ENSG00000257838	0.50	0.25
ENSG00000257844	0.00	0.00
ENSG00000257846	0.00	0.00
ENSG00000257847	0.00	0.00
ENSG00000257848	0.00	0.00
ENSG00000257851	1.00	0.50
ENSG00000257852	0.00	0.00
ENSG00000257853	0.00	0.00
ENSG00000257855	0.00	0.00
ENSG00000257858	0.00	0.00
ENSG00000257864	0.00	0.00
ENSG00000257865	0.00	0.00
ENSG00000257872	0.00	0.00
ENSG00000257875	1.00	1.25
ENSG00000257884	0.00	0.25
ENSG00000257885	0.00	0.00
ENSG00000257896	6.25	7.00
ENSG00000257897	0.00	0.00
ENSG00000257905	0.00	0.00
ENSG00000257907	1.25	1.00
ENSG00000257915	0.25	0.25
ENSG00000257921	6.75	5.75
ENSG00000257923	3437.50	3540.50

ENSG00000257927	0.00	0.25
ENSG00000257941	2.25	1.75
ENSG00000257949	224.75	183.00
ENSG00000257950	30.00	39.50
ENSG00000257951	0.00	0.25
ENSG00000257954	0.00	0.25
ENSG00000257956	0.75	0.50
ENSG00000257957	0.00	0.25
ENSG00000257966	21.00	14.00
ENSG00000257976	0.00	0.00
ENSG00000257979	0.00	0.00
ENSG00000257991	0.00	0.00
ENSG00000257994	0.00	0.00
ENSG00000257998	0.25	0.00
ENSG00000258002	0.00	0.00
ENSG00000258011	0.50	0.00
ENSG00000258012	0.75	0.25
ENSG00000258013	0.75	0.00
ENSG00000258016	0.25	0.00
ENSG00000258021	0.00	0.00
ENSG00000258024	0.00	0.00
ENSG00000258027	0.00	0.00
ENSG00000258033	0.25	0.25
ENSG00000258036	0.00	0.00
ENSG00000258051	0.00	0.00
ENSG00000258052	0.25	0.00
ENSG00000258064	10.75	18.25
ENSG00000258065	0.00	0.00
ENSG00000258071	0.00	0.00
ENSG00000258072	0.00	0.00
ENSG00000258073	0.00	0.00
ENSG00000258074	0.00	0.00
ENSG00000258076	0.00	0.00
ENSG00000258080	2.50	0.75
ENSG00000258083	0.00	0.00
ENSG00000258090	0.25	0.25
ENSG00000258091	0.00	0.00
ENSG00000258102	74.25	78.00
ENSG00000258104	0.00	0.00
ENSG00000258111	0.00	0.00
ENSG00000258112	0.25	0.00
ENSG00000258116	0.00	0.00
ENSG00000258118	0.00	0.00

ENSG00000258120	0.00	0.00
ENSG00000258128	3.25	1.50
ENSG00000258130	64.25	35.50
ENSG00000258133	0.00	0.50
ENSG00000258134	0.00	0.00
ENSG00000258142	5.75	1.25
ENSG00000258148	0.00	0.00
ENSG00000258150	8.75	9.25
ENSG00000258153	0.25	0.25
ENSG00000258154	0.00	0.00
ENSG00000258159	0.00	0.00
ENSG00000258173	0.00	0.00
ENSG00000258179	0.00	0.00
ENSG00000258184	0.00	0.00
ENSG00000258186	2.00	0.25
ENSG00000258193	0.00	0.00
ENSG00000258202	0.00	0.00
ENSG00000258204	0.00	0.00
ENSG00000258205	0.00	0.00
ENSG00000258206	0.25	0.00
ENSG00000258212	0.00	0.00
ENSG00000258215	0.25	0.00
ENSG00000258223	0.00	0.00
ENSG00000258224	0.00	0.00
ENSG00000258227	0.75	0.00
ENSG00000258230	4.25	2.00
ENSG00000258233	1.25	1.75
ENSG00000258239	0.00	0.00
ENSG00000258244	0.00	0.00
ENSG00000258245	0.50	0.00
ENSG00000258251	0.00	0.00
ENSG00000258262	0.00	0.00
ENSG00000258271	0.00	0.00
ENSG00000258273	0.00	0.00
ENSG00000258275	0.00	0.00
ENSG00000258278	0.00	0.00
ENSG00000258282	0.00	0.00
ENSG00000258284	0.75	0.25
ENSG00000258288	0.25	0.00
ENSG00000258289	1782.75	1819.00
ENSG00000258290	0.00	0.00
ENSG00000258300	1.00	1.50
ENSG00000258304	0.00	0.00

ENSG00000258311	278.75	167.25
ENSG00000258315	850.25	778.00
ENSG00000258316	0.00	0.00
ENSG00000258320	0.00	0.00
ENSG00000258324	0.00	0.00
ENSG00000258336	0.00	0.00
ENSG00000258350	0.00	0.00
ENSG00000258352	0.00	0.00
ENSG00000258357	0.00	0.25
ENSG00000258358	0.00	0.00
ENSG00000258359	1.75	1.75
ENSG00000258360	0.00	0.00
ENSG00000258366	307.00	211.00
ENSG00000258367	5.75	8.00
ENSG00000258368	0.00	0.00
ENSG00000258369	0.00	0.00
ENSG00000258373	0.00	0.00
ENSG00000258375	1.75	1.75
ENSG00000258381	0.00	0.00
ENSG00000258385	0.25	0.25
ENSG00000258387	0.00	0.00
ENSG00000258388	14.00	13.00
ENSG00000258392	0.00	0.00
ENSG00000258397	0.00	0.00
ENSG00000258401	0.00	0.00
ENSG00000258405	44.50	33.25
ENSG00000258406	0.00	0.00
ENSG00000258408	0.00	0.25
ENSG00000258411	0.00	0.00
ENSG00000258415	0.00	0.00
ENSG00000258417	0.75	0.75
ENSG00000258420	0.00	0.00
ENSG00000258421	0.00	0.00
ENSG00000258423	0.00	0.00
ENSG00000258427	0.00	0.00
ENSG00000258429	37.00	33.75
ENSG00000258431	0.00	0.00
ENSG00000258436	0.00	0.00
ENSG00000258438	0.00	0.00
ENSG00000258439	1.00	1.25
ENSG00000258440	0.00	0.00
ENSG00000258445	0.25	0.00
ENSG00000258446	0.00	0.00

ENSG00000258448	0.00	0.00
ENSG00000258452	0.00	0.00
ENSG00000258453	0.00	0.00
ENSG00000258456	0.00	0.00
ENSG00000258462	0.25	0.00
ENSG00000258463	0.00	0.00
ENSG00000258465	119.75	83.00
ENSG00000258466	3.00	2.25
ENSG00000258467	0.00	0.00
ENSG00000258468	0.00	0.00
ENSG00000258469	0.25	0.25
ENSG00000258472	47.75	44.00
ENSG00000258477	0.00	0.25
ENSG00000258482	0.00	0.00
ENSG00000258484	96.50	112.00
ENSG00000258485	0.00	0.00
ENSG00000258488	0.00	0.00
ENSG00000258491	0.00	0.00
ENSG00000258493	1.00	0.00
ENSG00000258494	0.00	0.00
ENSG00000258500	7.25	6.25
ENSG00000258501	0.50	0.50
ENSG00000258503	0.00	0.00
ENSG00000258505	0.00	0.00
ENSG00000258506	0.00	0.00
ENSG00000258509	0.00	0.00
ENSG00000258510	0.00	0.00
ENSG00000258513	0.00	0.25
ENSG00000258519	0.00	0.00
ENSG00000258524	1.75	0.50
ENSG00000258527	0.25	0.25
ENSG00000258529	2.50	2.50
ENSG00000258531	0.25	0.00
ENSG00000258536	0.00	0.00
ENSG00000258539	8.50	5.75
ENSG00000258540	0.00	0.00
ENSG00000258541	0.00	0.00
ENSG00000258542	0.00	0.25
ENSG00000258543	0.00	0.50
ENSG00000258544	0.25	0.00
ENSG00000258546	0.00	0.00
ENSG00000258549	0.00	0.00
ENSG00000258550	0.25	0.00

ENSG00000258552	0.00	0.00
ENSG00000258555	26.50	23.75
ENSG00000258557	0.00	0.00
ENSG00000258562	0.00	0.00
ENSG00000258563	0.25	0.25
ENSG00000258564	0.00	0.00
ENSG00000258565	0.25	0.25
ENSG00000258566	0.00	0.00
ENSG00000258567	0.25	0.00
ENSG00000258568	15.25	14.50
ENSG00000258570	0.00	0.00
ENSG00000258571	0.50	0.50
ENSG00000258577	0.00	0.00
ENSG00000258578	0.00	0.00
ENSG00000258581	0.75	0.25
ENSG00000258585	0.00	0.00
ENSG00000258587	0.00	0.00
ENSG00000258588	1.75	0.00
ENSG00000258589	0.00	0.50
ENSG00000258590	2.75	2.75
ENSG00000258591	1.50	1.25
ENSG00000258595	0.00	0.00
ENSG00000258597	0.00	0.00
ENSG00000258599	0.00	0.00
ENSG00000258605	0.00	0.00
ENSG00000258608	1.50	0.00
ENSG00000258611	0.50	1.00
ENSG00000258613	0.00	0.50
ENSG00000258615	0.00	0.00
ENSG00000258618	0.00	0.00
ENSG00000258619	0.00	0.00
ENSG00000258622	0.00	0.00
ENSG00000258624	0.00	0.00
ENSG00000258625	0.00	0.00
ENSG00000258626	0.00	0.00
ENSG00000258627	0.00	0.00
ENSG00000258628	2.25	0.50
ENSG00000258629	0.00	0.00
ENSG00000258632	0.00	0.00
ENSG00000258635	0.00	0.00
ENSG00000258638	0.00	0.00
ENSG00000258639	0.00	0.00
ENSG00000258640	0.00	0.50

ENSG00000258641	0.00	0.00
ENSG00000258643	224.75	231.00
ENSG00000258644	85.00	75.50
ENSG00000258645	0.00	0.00
ENSG00000258648	3.50	1.75
ENSG00000258650	0.25	0.00
ENSG00000258652	0.00	0.00
ENSG00000258653	13.00	13.50
ENSG00000258656	2.25	1.75
ENSG00000258659	258.00	206.50
ENSG00000258665	0.00	0.00
ENSG00000258668	0.00	0.00
ENSG00000258671	0.00	0.00
ENSG00000258674	50.25	45.50
ENSG00000258677	21.50	23.00
ENSG00000258679	9.25	6.00
ENSG00000258680	0.50	0.00
ENSG00000258681	0.00	0.00
ENSG00000258684	10.00	10.75
ENSG00000258685	0.00	0.00
ENSG00000258691	76.25	23.25
ENSG00000258692	0.25	0.00
ENSG00000258705	0.00	0.00
ENSG00000258706	0.00	0.00
ENSG00000258707	0.00	0.00
ENSG00000258712	0.00	0.00
ENSG00000258713	0.00	0.75
ENSG00000258721	0.00	0.00
ENSG00000258722	0.50	0.00
ENSG00000258724	0.50	0.00
ENSG00000258726	0.00	0.00
ENSG00000258728	0.75	0.00
ENSG00000258732	0.00	0.00
ENSG00000258734	0.00	0.25
ENSG00000258737	0.25	0.00
ENSG00000258739	0.00	0.00
ENSG00000258741	0.25	3.50
ENSG00000258746	0.00	0.00
ENSG00000258750	0.00	0.25
ENSG00000258758	0.00	0.00
ENSG00000258759	0.00	0.00
ENSG00000258762	0.00	0.00
ENSG00000258764	0.00	0.25

ENSG00000258767	0.00	0.00
ENSG00000258769	4.75	1.50
ENSG00000258771	0.00	0.00
ENSG00000258774	0.00	0.00
ENSG00000258778	1.75	2.00
ENSG00000258780	0.00	0.25
ENSG00000258781	0.00	0.00
ENSG00000258783	0.00	0.00
ENSG00000258786	0.00	0.00
ENSG00000258787	0.00	0.00
ENSG00000258788	5.25	1.25
ENSG00000258790	55.50	44.75
ENSG00000258794	0.00	0.00
ENSG00000258796	0.00	0.00
ENSG00000258797	0.00	0.00
ENSG00000258799	0.00	0.00
ENSG00000258802	0.00	0.25
ENSG00000258805	0.00	0.00
ENSG00000258806	1.00	0.00
ENSG00000258812	0.00	0.00
ENSG00000258816	0.00	0.00
ENSG00000258817	0.00	0.00
ENSG00000258818	560.50	902.50
ENSG00000258822	0.00	0.00
ENSG00000258823	0.00	0.00
ENSG00000258828	0.00	0.00
ENSG00000258830	14.50	23.25
ENSG00000258834	0.00	0.00
ENSG00000258835	0.00	0.00
ENSG00000258836	0.00	0.00
ENSG00000258838	96.25	81.25
ENSG00000258839	178.50	163.50
ENSG00000258841	0.00	1.25
ENSG00000258846	0.50	0.25
ENSG00000258848	0.00	0.00
ENSG00000258849	0.00	0.00
ENSG00000258855	0.00	0.00
ENSG00000258856	0.00	0.00
ENSG00000258863	0.00	0.00
ENSG00000258864	0.00	0.00
ENSG00000258870	1.50	0.50
ENSG00000258872	0.00	0.25
ENSG00000258873	1.50	1.00

ENSG00000258877	0.00	0.00
ENSG00000258878	0.00	0.00
ENSG00000258880	0.00	0.00
ENSG00000258881	19.75	19.00
ENSG00000258883	0.00	0.25
ENSG00000258886	0.00	0.00
ENSG00000258887	0.00	0.00
ENSG00000258890	408.25	356.00
ENSG00000258893	0.00	0.25
ENSG00000258894	0.00	0.00
ENSG00000258895	0.00	0.00
ENSG00000258896	2.50	2.00
ENSG00000258899	0.00	0.00
ENSG00000258900	5.75	3.25
ENSG00000258901	0.00	0.00
ENSG00000258905	0.00	0.00
ENSG00000258906	0.00	0.00
ENSG00000258907	0.00	0.00
ENSG00000258915	0.00	0.00
ENSG00000258916	0.00	0.00
ENSG00000258917	0.75	0.50
ENSG00000258923	0.00	0.00
ENSG00000258925	0.00	0.25
ENSG00000258930	0.25	0.25
ENSG00000258932	2.50	2.25
ENSG00000258934	0.00	0.00
ENSG00000258941	0.00	0.00
ENSG00000258947	823.00	284.50
ENSG00000258948	0.00	0.00
ENSG00000258951	0.50	0.50
ENSG00000258956	0.00	0.00
ENSG00000258960	0.75	0.50
ENSG00000258962	0.00	0.00
ENSG00000258963	0.00	0.00
ENSG00000258965	0.00	0.00
ENSG00000258966	0.00	0.00
ENSG00000258967	3.75	6.00
ENSG00000258968	0.25	0.00
ENSG00000258971	0.00	0.00
ENSG00000258972	0.00	0.00
ENSG00000258973	0.75	1.50
ENSG00000258978	0.00	0.25
ENSG00000258980	0.00	0.00

ENSG00000258981	0.00	0.00
ENSG00000258984	22.00	17.50
ENSG00000258986	0.00	0.75
ENSG00000258988	0.25	0.25
ENSG00000258989	38.25	38.25
ENSG00000258990	0.00	0.00
ENSG00000258991	0.00	0.00
ENSG00000258992	0.00	0.00
ENSG00000258993	0.00	0.50
ENSG00000258995	0.00	0.00
ENSG00000258996	0.00	0.00
ENSG00000258997	0.00	0.00
ENSG00000259000	0.00	0.00
ENSG00000259009	0.00	0.00
ENSG00000259010	0.00	0.00
ENSG00000259012	0.00	0.00
ENSG00000259013	0.00	0.00
ENSG00000259015	0.25	0.75
ENSG00000259016	0.00	0.00
ENSG00000259019	0.00	0.00
ENSG00000259020	0.25	0.00
ENSG00000259021	0.00	0.00
ENSG00000259022	0.00	0.00
ENSG00000259024	155.50	100.25
ENSG00000259025	0.00	0.00
ENSG00000259029	0.00	0.00
ENSG00000259030	97.00	81.50
ENSG00000259032	0.00	0.00
ENSG00000259040	118.75	167.75
ENSG00000259043	0.00	0.00
ENSG00000259045	1.50	1.25
ENSG00000259046	0.00	0.00
ENSG00000259047	0.00	0.00
ENSG00000259050	0.00	0.00
ENSG00000259051	0.00	0.25
ENSG00000259056	0.25	0.00
ENSG00000259057	0.00	0.00
ENSG00000259059	0.00	0.00
ENSG00000259060	0.00	0.00
ENSG00000259064	0.25	0.00
ENSG00000259066	2.50	1.75
ENSG00000259068	0.00	0.00
ENSG00000259074	0.00	0.00

ENSG00000259075	22.75	17.00
ENSG00000259078	0.25	0.00
ENSG00000259079	0.00	0.00
ENSG00000259086	0.00	0.00
ENSG00000259089	0.00	0.00
ENSG00000259090	0.00	0.00
ENSG00000259092	0.00	0.00
ENSG00000259095	0.00	0.00
ENSG00000259096	0.25	0.25
ENSG00000259098	21.00	13.00
ENSG00000259099	0.00	0.00
ENSG00000259100	0.25	0.25
ENSG00000259101	0.00	0.00
ENSG00000259102	0.00	0.00
ENSG00000259105	0.00	0.00
ENSG00000259109	0.00	0.00
ENSG00000259112	3.00	0.00
ENSG00000259117	0.00	0.00
ENSG00000259120	0.50	0.25
ENSG00000259121	0.00	0.00
ENSG00000259122	0.50	0.50
ENSG00000259132	48.25	46.25
ENSG00000259136	0.00	0.00
ENSG00000259137	0.00	0.00
ENSG00000259140	0.00	0.00
ENSG00000259144	0.00	0.00
ENSG00000259148	0.00	0.00
ENSG00000259151	0.75	0.25
ENSG00000259154	0.00	0.00
ENSG00000259155	0.75	0.50
ENSG00000259156	0.75	0.50
ENSG00000259157	0.00	0.00
ENSG00000259160	0.00	0.00
ENSG00000259161	0.00	0.00
ENSG00000259162	0.75	0.00
ENSG00000259164	0.00	0.00
ENSG00000259165	2.75	1.00
ENSG00000259167	0.00	0.00
ENSG00000259169	0.00	0.00
ENSG00000259171	695.00	1036.25
ENSG00000259173	0.00	0.25
ENSG00000259179	0.00	0.00
ENSG00000259183	0.00	0.00

ENSG00000259186	0.25	0.00
ENSG00000259191	0.25	0.25
ENSG00000259192	3.00	2.00
ENSG00000259195	0.00	0.25
ENSG00000259205	6.75	7.25
ENSG00000259207	181.25	229.25
ENSG00000259208	0.00	0.00
ENSG00000259214	0.00	0.00
ENSG00000259216	0.00	0.00
ENSG00000259217	0.00	0.00
ENSG00000259224	2.00	1.75
ENSG00000259227	0.00	0.00
ENSG00000259228	0.25	0.25
ENSG00000259229	0.00	0.00
ENSG00000259231	0.00	0.00
ENSG00000259232	0.25	0.25
ENSG00000259236	15.25	10.25
ENSG00000259239	0.00	0.00
ENSG00000259246	0.00	0.00
ENSG00000259247	0.00	0.00
ENSG00000259257	0.25	0.50
ENSG00000259258	0.00	0.25
ENSG00000259259	0.00	0.25
ENSG00000259261	0.00	0.00
ENSG00000259262	0.50	0.00
ENSG00000259266	0.00	0.00
ENSG00000259270	0.00	0.00
ENSG00000259271	0.50	0.75
ENSG00000259273	0.00	0.00
ENSG00000259286	1.50	0.00
ENSG00000259288	0.25	0.00
ENSG00000259295	400.00	280.25
ENSG00000259299	0.00	0.00
ENSG00000259300	0.00	0.00
ENSG00000259301	0.00	0.00
ENSG00000259302	0.25	0.00
ENSG00000259303	0.00	0.00
ENSG00000259304	0.00	0.00
ENSG00000259305	22.25	20.50
ENSG00000259308	0.25	0.50
ENSG00000259315	6.75	5.25
ENSG00000259316	5.25	3.00
ENSG00000259317	0.00	0.00

ENSG00000259318	16.00	9.25
ENSG00000259324	0.00	0.00
ENSG00000259332	55.75	61.00
ENSG00000259333	0.25	0.00
ENSG00000259335	0.25	0.25
ENSG00000259337	0.00	0.00
ENSG00000259338	0.00	0.00
ENSG00000259339	0.00	0.00
ENSG00000259340	0.00	0.00
ENSG00000259346	0.25	0.00
ENSG00000259350	0.00	0.00
ENSG00000259358	0.00	0.00
ENSG00000259369	0.00	0.00
ENSG00000259371	1.75	0.75
ENSG00000259374	0.25	0.00
ENSG00000259378	1.25	0.50
ENSG00000259379	0.00	0.00
ENSG00000259381	4.00	4.00
ENSG00000259384	0.00	0.00
ENSG00000259388	0.50	0.50
ENSG00000259389	0.25	0.00
ENSG00000259392	4.25	1.50
ENSG00000259393	0.00	0.00
ENSG00000259394	0.75	0.00
ENSG00000259397	1.75	1.25
ENSG00000259399	69.00	37.00
ENSG00000259404	0.00	0.00
ENSG00000259405	0.75	0.50
ENSG00000259411	0.00	0.00
ENSG00000259413	0.00	0.00
ENSG00000259414	2.00	1.50
ENSG00000259419	0.25	0.25
ENSG00000259421	0.00	0.00
ENSG00000259425	0.25	0.50
ENSG00000259427	0.00	0.00
ENSG00000259428	0.00	0.00
ENSG00000259429	12.00	7.25
ENSG00000259431	371.75	281.50
ENSG00000259433	0.25	0.25
ENSG00000259435	0.00	0.00
ENSG00000259440	0.00	0.00
ENSG00000259441	0.00	0.00
ENSG00000259449	0.00	0.00

ENSG00000259452	0.00	0.00
ENSG00000259454	0.00	0.00
ENSG00000259461	0.00	0.00
ENSG00000259464	0.00	0.00
ENSG00000259465	0.00	0.00
ENSG00000259466	0.00	0.00
ENSG00000259467	0.00	0.25
ENSG00000259470	0.00	0.00
ENSG00000259477	0.00	0.00
ENSG00000259479	58.25	59.00
ENSG00000259489	0.00	0.00
ENSG00000259490	0.00	0.00
ENSG00000259493	0.00	0.00
ENSG00000259494	249.25	251.50
ENSG00000259496	0.00	0.00
ENSG00000259500	0.00	0.00
ENSG00000259502	1.50	0.50
ENSG00000259505	0.00	0.00
ENSG00000259507	0.00	0.25
ENSG00000259509	0.00	0.00
ENSG00000259511	11.25	12.25
ENSG00000259512	0.00	0.00
ENSG00000259513	0.50	0.00
ENSG00000259516	1.00	1.00
ENSG00000259522	54.25	28.25
ENSG00000259525	0.00	0.00
ENSG00000259529	27.00	23.75
ENSG00000259531	1.00	0.75
ENSG00000259533	0.00	0.00
ENSG00000259535	0.00	0.00
ENSG00000259538	0.50	1.50
ENSG00000259545	0.00	0.00
ENSG00000259547	0.00	0.50
ENSG00000259550	0.00	0.00
ENSG00000259556	2.00	1.50
ENSG00000259557	0.00	0.25
ENSG00000259558	0.00	0.00
ENSG00000259562	20.75	13.50
ENSG00000259565	0.00	0.00
ENSG00000259569	0.00	0.00
ENSG00000259570	1.50	0.75
ENSG00000259571	0.75	1.25
ENSG00000259573	0.00	0.00

ENSG00000259581	0.25	0.25
ENSG00000259585	0.00	0.00
ENSG00000259586	0.00	0.00
ENSG00000259592	0.25	0.25
ENSG00000259593	0.00	0.00
ENSG00000259600	0.00	0.00
ENSG00000259601	0.00	0.00
ENSG00000259608	0.00	0.00
ENSG00000259609	0.00	0.00
ENSG00000259612	4.75	2.75
ENSG00000259614	1.25	2.00
ENSG00000259619	2.25	1.00
ENSG00000259622	0.00	0.00
ENSG00000259626	0.00	0.00
ENSG00000259630	0.25	0.00
ENSG00000259632	0.00	0.00
ENSG00000259633	0.00	0.00
ENSG00000259637	0.00	0.00
ENSG00000259646	0.00	0.00
ENSG00000259648	0.50	1.00
ENSG00000259651	0.00	0.00
ENSG00000259655	0.00	0.50
ENSG00000259657	1.50	0.75
ENSG00000259660	514.75	280.75
ENSG00000259665	0.00	0.00
ENSG00000259671	0.00	0.00
ENSG00000259674	0.00	0.00
ENSG00000259677	1.00	0.50
ENSG00000259680	0.00	0.00
ENSG00000259683	19.50	18.50
ENSG00000259686	0.50	0.00
ENSG00000259688	0.25	0.00
ENSG00000259691	0.00	0.00
ENSG00000259695	0.00	0.00
ENSG00000259696	0.00	0.00
ENSG00000259698	0.00	0.00
ENSG00000259699	2.25	1.50
ENSG00000259706	1.25	1.25
ENSG00000259707	0.50	0.00
ENSG00000259710	0.00	0.00
ENSG00000259722	0.00	0.00
ENSG00000259726	153.50	94.50
ENSG00000259728	65.75	69.00

ENSG00000259738	0.75	0.50
ENSG00000259742	0.00	0.00
ENSG00000259743	0.00	0.00
ENSG00000259746	1.25	1.00
ENSG00000259749	0.00	0.00
ENSG00000259750	0.00	0.00
ENSG00000259751	1.00	0.75
ENSG00000259752	0.00	0.00
ENSG00000259753	6.75	6.50
ENSG00000259769	0.00	0.00
ENSG00000259770	0.00	0.00
ENSG00000259781	558.75	422.25
ENSG00000259784	0.00	0.75
ENSG00000259790	0.50	0.25
ENSG00000259800	0.00	0.00
ENSG00000259803	0.50	1.50
ENSG00000259822	0.00	0.00
ENSG00000259823	1.25	2.00
ENSG00000259832	0.00	0.00
ENSG00000259836	0.00	0.00
ENSG00000259838	0.25	0.00
ENSG00000259842	0.00	0.00
ENSG00000259844	0.00	0.00
ENSG00000259845	4.25	2.00
ENSG00000259848	166.00	157.00
ENSG00000259852	0.00	0.00
ENSG00000259856	13.75	18.75
ENSG00000259864	0.00	0.00
ENSG00000259866	0.00	0.00
ENSG00000259873	0.00	0.00
ENSG00000259874	0.00	0.00
ENSG00000259882	0.00	0.00
ENSG00000259890	0.00	0.00
ENSG00000259892	0.00	0.00
ENSG00000259897	0.00	0.00
ENSG00000259898	0.25	0.00
ENSG00000259900	0.25	0.50
ENSG00000259904	2.00	1.50
ENSG00000259909	0.00	0.00
ENSG00000259916	0.00	0.00
ENSG00000259917	4.50	2.75
ENSG00000259918	0.25	0.00
ENSG00000259922	0.00	0.25

ENSG00000259924	0.75	0.50
ENSG00000259930	0.00	0.00
ENSG00000259931	0.50	0.00
ENSG00000259934	0.00	0.00
ENSG00000259948	16.25	29.25
ENSG00000259950	0.25	0.00
ENSG00000259956	1998.75	1596.25
ENSG00000259962	0.00	0.00
ENSG00000259963	0.00	0.00
ENSG00000259966	0.00	0.00
ENSG00000259978	0.00	0.00
ENSG00000259979	0.00	0.00
ENSG00000259982	2.50	1.75
ENSG00000259983	0.00	0.00
ENSG00000259984	1.75	2.50
ENSG00000259987	0.00	0.25
ENSG00000259990	0.00	0.00
ENSG00000259993	0.00	0.00
ENSG00000259996	0.00	0.00
ENSG00000259997	0.00	0.00
ENSG00000260001	13.50	14.25
ENSG00000260007	1.00	0.00
ENSG00000260010	0.00	0.25
ENSG00000260012	1.25	0.50
ENSG00000260014	0.00	0.00
ENSG00000260024	0.00	0.00
ENSG00000260027	72.25	74.50
ENSG00000260031	0.00	0.00
ENSG00000260033	0.00	0.00
ENSG00000260036	0.00	0.00
ENSG00000260047	0.25	0.00
ENSG00000260048	0.00	0.00
ENSG00000260053	0.00	0.00
ENSG00000260055	0.00	0.00
ENSG00000260062	7.00	8.25
ENSG00000260067	0.00	0.00
ENSG00000260068	0.00	0.00
ENSG00000260075	8.00	3.25
ENSG00000260078	11.00	9.75
ENSG00000260082	0.75	1.25
ENSG00000260087	0.00	0.00
ENSG00000260089	0.00	0.00
ENSG00000260092	0.00	0.00

ENSG00000260096	0.00	0.00
ENSG00000260097	17.25	8.50
ENSG00000260103	69.50	57.00
ENSG00000260104	0.00	0.00
ENSG00000260105	3.50	1.00
ENSG00000260109	0.00	0.25
ENSG00000260112	3.00	2.50
ENSG00000260113	0.00	0.00
ENSG00000260128	2.25	2.50
ENSG00000260133	0.00	0.00
ENSG00000260134	0.00	0.00
ENSG00000260139	2.50	0.25
ENSG00000260144	0.50	1.25
ENSG00000260146	0.00	0.00
ENSG00000260147	0.00	0.00
ENSG00000260152	0.50	0.00
ENSG00000260153	0.00	0.00
ENSG00000260157	0.00	0.00
ENSG00000260159	0.00	0.00
ENSG00000260161	0.00	0.00
ENSG00000260165	0.00	0.25
ENSG00000260170	1.75	10.00
ENSG00000260174	0.00	0.00
ENSG00000260184	0.00	0.00
ENSG00000260187	0.00	0.00
ENSG00000260207	0.00	0.00
ENSG00000260211	0.25	0.25
ENSG00000260212	0.50	0.00
ENSG00000260218	0.00	0.00
ENSG00000260220	0.00	0.25
ENSG00000260221	0.00	0.00
ENSG00000260224	0.00	0.00
ENSG00000260229	0.00	0.00
ENSG00000260230	78.00	38.50
ENSG00000260234	0.00	0.00
ENSG00000260238	54.00	46.25
ENSG00000260240	0.00	0.00
ENSG00000260247	0.00	0.00
ENSG00000260251	0.00	0.00
ENSG00000260255	0.00	0.00
ENSG00000260258	0.25	0.25
ENSG00000260266	21.75	25.00
ENSG00000260272	0.00	9.25

ENSG00000260275	0.00	0.00
ENSG00000260282	0.00	0.00
ENSG00000260284	0.25	0.00
ENSG00000260286	0.00	0.00
ENSG00000260287	0.00	0.00
ENSG00000260290	0.00	0.25
ENSG00000260291	0.00	0.00
ENSG00000260298	0.25	0.25
ENSG00000260300	18.25	18.25
ENSG00000260307	0.00	0.00
ENSG00000260308	0.00	0.00
ENSG00000260314	0.00	2.75
ENSG00000260318	0.25	0.50
ENSG00000260325	3.25	4.75
ENSG00000260326	2.00	0.25
ENSG00000260327	0.00	0.00
ENSG00000260332	0.00	0.00
ENSG00000260335	0.50	0.00
ENSG00000260341	0.00	0.00
ENSG00000260342	66.75	13.25
ENSG00000260344	0.00	0.00
ENSG00000260347	0.00	0.00
ENSG00000260357	4.50	2.75
ENSG00000260371	9.50	4.50
ENSG00000260375	0.00	0.00
ENSG00000260379	0.00	0.00
ENSG00000260382	0.25	0.25
ENSG00000260386	0.00	0.00
ENSG00000260389	0.00	0.25
ENSG00000260395	0.00	0.00
ENSG00000260399	0.00	0.00
ENSG00000260404	219.75	188.50
ENSG00000260405	0.00	0.00
ENSG00000260410	0.25	0.25
ENSG00000260413	4.25	2.50
ENSG00000260414	0.00	0.00
ENSG00000260427	0.00	0.00
ENSG00000260428	9.00	9.50
ENSG00000260431	0.00	0.00
ENSG00000260438	0.00	0.00
ENSG00000260443	0.00	0.00
ENSG00000260444	0.00	0.00
ENSG00000260445	0.00	0.00

ENSG00000260451	0.00	0.00
ENSG00000260452	0.25	0.25
ENSG00000260456	32.25	59.25
ENSG00000260458	0.50	0.00
ENSG00000260459	0.25	0.00
ENSG00000260471	0.00	0.00
ENSG00000260472	0.00	0.00
ENSG00000260480	0.00	0.00
ENSG00000260483	0.00	0.00
ENSG00000260490	1.50	1.75
ENSG00000260494	0.25	0.25
ENSG00000260497	0.75	0.00
ENSG00000260514	0.00	0.00
ENSG00000260516	0.00	0.00
ENSG00000260518	3.25	1.50
ENSG00000260521	0.75	0.75
ENSG00000260522	0.00	0.00
ENSG00000260524	0.00	0.50
ENSG00000260525	0.00	0.00
ENSG00000260537	155.75	129.25
ENSG00000260538	0.00	0.00
ENSG00000260540	0.00	0.00
ENSG00000260548	0.00	0.00
ENSG00000260549	58.50	99.75
ENSG00000260571	1.25	0.25
ENSG00000260576	0.25	0.25
ENSG00000260582	0.25	0.00
ENSG00000260584	0.25	0.00
ENSG00000260590	0.00	0.00
ENSG00000260595	0.00	0.00
ENSG00000260596	3.75	1.75
ENSG00000260598	0.00	0.00
ENSG00000260602	0.00	0.25
ENSG00000260610	0.00	0.75
ENSG00000260615	2.00	2.00
ENSG00000260622	1.00	1.75
ENSG00000260628	21.00	25.75
ENSG00000260631	0.00	0.00
ENSG00000260638	0.00	0.00
ENSG00000260639	0.00	0.00
ENSG00000260644	24.00	19.25
ENSG00000260649	0.00	0.00
ENSG00000260662	0.00	0.00

ENSG00000260668	0.00	0.00
ENSG00000260674	0.00	0.00
ENSG00000260675	0.00	0.00
ENSG00000260678	0.00	0.00
ENSG00000260680	0.00	0.00
ENSG00000260685	1.00	0.25
ENSG00000260688	0.00	0.00
ENSG00000260689	2.00	1.75
ENSG00000260690	0.00	0.00
ENSG00000260691	2.00	0.75
ENSG00000260702	0.00	0.00
ENSG00000260714	2.75	3.75
ENSG00000260722	0.00	0.25
ENSG00000260724	0.00	0.00
ENSG00000260726	0.00	0.00
ENSG00000260727	1.50	0.50
ENSG00000260729	35.75	51.50
ENSG00000260731	0.00	0.00
ENSG00000260734	0.00	0.00
ENSG00000260746	0.00	0.00
ENSG00000260747	0.25	0.00
ENSG00000260762	0.00	0.00
ENSG00000260764	0.00	0.00
ENSG00000260765	0.00	0.50
ENSG00000260776	2.75	2.00
ENSG00000260781	0.00	0.00
ENSG00000260782	1.00	0.00
ENSG00000260784	0.25	0.25
ENSG00000260795	0.00	0.00
ENSG00000260797	0.00	0.00
ENSG00000260799	0.00	0.00
ENSG00000260809	0.00	0.00
ENSG00000260811	0.00	0.00
ENSG00000260812	0.00	0.00
ENSG00000260815	0.25	0.00
ENSG00000260817	0.00	0.00
ENSG00000260818	0.50	0.75
ENSG00000260828	0.00	0.00
ENSG00000260836	1.00	0.00
ENSG00000260844	0.50	1.25
ENSG00000260846	0.00	0.00
ENSG00000260851	1.25	0.50
ENSG00000260860	0.00	0.00

ENSG00000260861	9.50	5.75
ENSG00000260863	0.00	0.00
ENSG00000260864	0.00	0.00
ENSG00000260865	0.00	0.00
ENSG00000260866	0.00	0.00
ENSG00000260869	0.00	1.00
ENSG00000260870	0.00	0.00
ENSG00000260873	0.00	1.00
ENSG00000260882	4.25	2.25
ENSG00000260883	0.00	0.00
ENSG00000260889	0.00	0.00
ENSG00000260897	0.00	0.00
ENSG00000260900	0.50	0.00
ENSG00000260903	0.00	0.00
ENSG00000260908	8.00	25.25
ENSG00000260909	0.25	0.25
ENSG00000260914	482.50	658.50
ENSG00000260916	3510.75	3209.00
ENSG00000260928	0.00	0.25
ENSG00000260933	0.00	0.00
ENSG00000260939	0.00	0.00
ENSG00000260965	0.00	0.00
ENSG00000260967	0.00	0.00
ENSG00000260984	0.00	0.00
ENSG00000260991	0.00	0.00
ENSG00000260994	0.00	0.00
ENSG00000261007	0.00	0.00
ENSG00000261010	0.00	0.00
ENSG00000261011	25.25	14.25
ENSG00000261017	0.00	0.00
ENSG00000261041	0.00	0.00
ENSG00000261046	0.00	0.00
ENSG00000261047	0.00	0.00
ENSG00000261048	0.00	0.00
ENSG00000261052	235.00	218.75
ENSG00000261053	0.00	0.00
ENSG00000261056	9.25	8.00
ENSG00000261072	0.00	0.00
ENSG00000261077	0.00	0.00
ENSG00000261081	0.25	0.00
ENSG00000261084	0.00	0.00
ENSG00000261089	1.25	0.75
ENSG00000261102	0.00	0.00

ENSG00000261108	0.00	0.00
ENSG00000261111	0.00	0.00
ENSG00000261115	31.00	32.00
ENSG00000261127	0.75	1.25
ENSG00000261130	0.50	0.50
ENSG00000261134	0.00	0.00
ENSG00000261143	8.50	11.25
ENSG00000261144	0.00	0.00
ENSG00000261145	0.50	0.00
ENSG00000261147	8.25	6.50
ENSG00000261150	2.75	3.00
ENSG00000261151	0.00	0.00
ENSG00000261153	0.00	0.00
ENSG00000261174	0.00	0.00
ENSG00000261178	0.00	0.00
ENSG00000261181	0.00	0.00
ENSG00000261192	0.00	0.25
ENSG00000261196	0.00	0.00
ENSG00000261197	0.25	0.00
ENSG00000261199	0.00	0.25
ENSG00000261203	0.00	0.00
ENSG00000261205	1.50	1.25
ENSG00000261208	0.00	0.00
ENSG00000261209	0.00	0.00
ENSG00000261210	0.00	0.00
ENSG00000261217	0.00	0.00
ENSG00000261221	280.75	243.75
ENSG00000261232	0.00	0.00
ENSG00000261233	0.25	0.00
ENSG00000261234	0.00	0.00
ENSG00000261236	340.50	375.00
ENSG00000261239	11.75	6.75
ENSG00000261245	0.00	0.00
ENSG00000261247	13.00	10.00
ENSG00000261259	2.00	0.50
ENSG00000261263	0.00	0.00
ENSG00000261272	0.00	0.00
ENSG00000261274	0.00	0.00
ENSG00000261277	0.00	0.00
ENSG00000261278	0.00	0.00
ENSG00000261279	17.00	14.25
ENSG00000261281	0.00	0.00
ENSG00000261282	0.00	0.00

ENSG00000261284	0.00	0.00
ENSG00000261289	0.00	0.25
ENSG00000261290	0.00	0.00
ENSG00000261299	0.00	0.00
ENSG00000261303	2.25	1.00
ENSG00000261308	3.00	1.00
ENSG00000261315	0.00	0.25
ENSG00000261330	0.00	0.00
ENSG00000261333	0.00	0.00
ENSG00000261336	0.25	0.00
ENSG00000261349	2.75	1.25
ENSG00000261356	0.00	0.00
ENSG00000261362	0.00	0.00
ENSG00000261365	0.00	0.00
ENSG00000261371	27.00	11.50
ENSG00000261375	4.25	2.50
ENSG00000261377	11.75	11.75
ENSG00000261391	0.00	0.00
ENSG00000261395	0.00	0.00
ENSG00000261401	0.50	1.50
ENSG00000261405	3.00	1.25
ENSG00000261408	56.75	65.50
ENSG00000261418	0.50	0.00
ENSG00000261419	0.25	0.25
ENSG00000261424	0.00	0.00
ENSG00000261427	1.50	0.75
ENSG00000261429	0.00	0.00
ENSG00000261440	0.00	0.00
ENSG00000261444	0.00	0.00
ENSG00000261456	0.00	0.25
ENSG00000261457	0.25	0.25
ENSG00000261458	0.00	0.00
ENSG00000261459	21.75	16.25
ENSG00000261461	0.75	0.75
ENSG00000261486	0.00	0.00
ENSG00000261491	0.00	0.00
ENSG00000261497	0.00	0.00
ENSG00000261499	0.50	0.50
ENSG00000261509	0.00	0.00
ENSG00000261511	0.00	0.00
ENSG00000261515	0.00	0.00
ENSG00000261522	0.25	0.00
ENSG00000261524	0.00	0.00

ENSG00000261527	0.00	0.50
ENSG00000261528	0.75	0.50
ENSG00000261536	0.00	0.00
ENSG00000261548	0.00	0.00
ENSG00000261549	0.00	0.00
ENSG00000261554	0.00	0.00
ENSG00000261556	68.00	36.25
ENSG00000261557	3.00	3.00
ENSG00000261559	0.25	0.00
ENSG00000261561	0.00	0.00
ENSG00000261564	0.00	0.00
ENSG00000261575	1.25	0.50
ENSG00000261580	0.00	0.00
ENSG00000261581	1.75	0.25
ENSG00000261582	14.75	15.75
ENSG00000261587	4.00	1.50
ENSG00000261588	0.25	0.25
ENSG00000261590	0.00	0.00
ENSG00000261593	0.00	0.00
ENSG00000261594	0.50	1.00
ENSG00000261599	23.50	20.00
ENSG00000261603	0.00	0.00
ENSG00000261607	0.00	0.00
ENSG00000261608	0.00	0.00
ENSG00000261609	182.00	214.25
ENSG00000261611	12.50	25.75
ENSG00000261612	0.00	0.00
ENSG00000261614	0.00	0.00
ENSG00000261620	0.00	0.00
ENSG00000261624	0.00	0.00
ENSG00000261628	0.50	0.00
ENSG00000261635	0.00	0.00
ENSG00000261647	0.00	0.00
ENSG00000261649	2.25	2.75
ENSG00000261652	24.50	14.25
ENSG00000261665	0.00	0.00
ENSG00000261667	0.00	0.00
ENSG00000261678	1.25	0.50
ENSG00000261679	0.25	0.00
ENSG00000261680	0.25	0.00
ENSG00000261689	0.00	0.00
ENSG00000261701	0.00	0.75
ENSG00000261702	0.00	0.00

ENSG00000261704	0.00	0.00
ENSG00000261708	0.50	0.75
ENSG00000261711	0.00	0.00
ENSG00000261714	0.00	0.00
ENSG00000261717	0.00	0.00
ENSG00000261719	0.00	0.00
ENSG00000261725	0.00	0.00
ENSG00000261727	0.00	0.00
ENSG00000261732	42.25	30.75
ENSG00000261739	8.25	12.75
ENSG00000261740	238.75	210.75
ENSG00000261741	0.25	0.25
ENSG00000261747	0.00	0.00
ENSG00000261748	0.00	0.00
ENSG00000261752	0.50	0.00
ENSG00000261764	0.00	0.00
ENSG00000261774	0.25	0.00
ENSG00000261776	1.25	1.25
ENSG00000261778	0.00	0.00
ENSG00000261782	0.50	1.75
ENSG00000261787	2.50	3.00
ENSG00000261792	0.00	0.25
ENSG00000261793	0.00	0.00
ENSG00000261794	7.25	9.25
ENSG00000261796	721.50	627.00
ENSG00000261809	0.00	0.00
ENSG00000261812	0.00	0.25
ENSG00000261813	0.00	0.00
ENSG00000261814	0.00	0.00
ENSG00000261819	6.00	6.50
ENSG00000261820	0.00	0.00
ENSG00000261832	4.25	9.00
ENSG00000261833	0.00	0.00
ENSG00000261834	0.00	0.00
ENSG00000261835	2.00	0.75
ENSG00000261846	0.25	0.00
ENSG00000261847	0.00	0.00
ENSG00000261852	0.00	0.25
ENSG00000261853	0.00	0.00
ENSG00000261857	0.50	0.75
ENSG00000261862	0.75	4.00
ENSG00000261866	0.00	0.00
ENSG00000261868	0.00	0.00

ENSG00000261882	0.00	0.00
ENSG00000261884	28.00	56.75
ENSG00000261893	346.25	316.00
ENSG00000261897	0.00	0.00
ENSG00000261904	0.00	0.00
ENSG00000261905	44.00	41.75
ENSG00000261914	0.00	0.00
ENSG00000261915	0.00	4.75
ENSG00000261934	171.00	161.25
ENSG00000261936	0.00	0.25
ENSG00000261939	0.00	0.00
ENSG00000261949	0.00	0.00
ENSG00000261958	0.00	0.00
ENSG00000261963	0.00	0.25
ENSG00000261965	0.00	0.00
ENSG00000261968	0.00	0.00
ENSG00000261970	2.25	1.00
ENSG00000261972	0.00	0.00
ENSG00000261984	6.00	4.00
ENSG00000261986	0.00	0.00
ENSG00000261987	0.00	0.00
ENSG00000261992	373.25	305.00
ENSG00000262000	0.00	0.00
ENSG00000262008	0.00	0.00
ENSG00000262024	124.25	97.00
ENSG00000262025	0.00	0.00
ENSG00000262036	0.00	0.25
ENSG00000262040	0.00	0.00
ENSG00000262045	0.00	0.00
ENSG00000262048	0.00	0.00
ENSG00000262055	0.00	0.00
ENSG00000262067	0.00	0.00
ENSG00000262068	0.00	0.00
ENSG00000262081	0.00	0.00
ENSG00000262082	0.00	0.00
ENSG00000262085	0.00	0.00
ENSG00000262090	0.00	0.00
ENSG00000262095	0.00	0.00
ENSG00000262096	8.25	7.00
ENSG00000262102	2563.00	2151.50
ENSG00000262106	0.00	0.00
ENSG00000262107	0.00	0.00
ENSG00000262111	1.00	1.00

ENSG00000262113	0.00	0.25
ENSG00000262118	3.75	2.75
ENSG00000262120	0.00	0.00
ENSG00000262121	0.00	0.00
ENSG00000262135	0.00	0.00
ENSG00000262139	4.75	10.25
ENSG00000262140	1.25	2.25
ENSG00000262141	0.00	0.00
ENSG00000262145	65.75	49.00
ENSG00000262148	0.00	0.00
ENSG00000262154	0.00	0.00
ENSG00000262156	0.00	0.00
ENSG00000262158	0.00	0.00
ENSG00000262159	0.00	0.00
ENSG00000262164	0.00	0.00
ENSG00000262180	3.50	3.75
ENSG00000262181	0.00	0.00
ENSG00000262187	0.25	0.00
ENSG00000262191	0.00	0.00
ENSG00000262209	353.50	285.50
ENSG00000262210	0.00	0.00
ENSG00000262214	0.00	0.00
ENSG00000262217	0.25	0.00
ENSG00000262218	0.00	0.00
ENSG00000262221	0.00	0.00
ENSG00000262235	0.00	0.00
ENSG00000262243	664.00	626.75
ENSG00000262246	103.50	144.50
ENSG00000262248	1.50	1.00
ENSG00000262259	0.00	0.00
ENSG00000262262	0.00	0.00
ENSG00000262268	0.00	0.00
ENSG00000262271	0.00	0.00
ENSG00000262282	0.00	0.00
ENSG00000262293	0.00	0.00
ENSG00000262299	0.50	0.50
ENSG00000262302	0.75	2.00
ENSG00000262304	18.75	14.00
ENSG00000262315	0.00	0.00
ENSG00000262316	1.00	0.25
ENSG00000262322	0.00	0.00
ENSG00000262327	86.00	87.00
ENSG00000262333	6.25	6.00

ENSG00000262334	9.00	10.50
ENSG00000262347	0.00	0.00
ENSG00000262366	0.00	0.00
ENSG00000262376	0.00	0.00
ENSG00000262381	0.00	0.00
ENSG00000262384	0.00	0.00
ENSG00000262400	0.00	0.00
ENSG00000262402	0.25	0.00
ENSG00000262406	2.75	1.00
ENSG00000262408	0.00	0.00
ENSG00000262418	10.00	9.25
ENSG00000262435	167.50	132.25
ENSG00000262446	136.25	103.50
ENSG00000262461	5.25	2.00
ENSG00000262470	0.00	0.00
ENSG00000262471	0.00	0.00
ENSG00000262473	23.00	37.50
ENSG00000262480	0.00	0.00
ENSG00000262481	11.50	10.00
ENSG00000262484	0.25	0.50
ENSG00000262488	0.25	0.00
ENSG00000262492	0.00	0.00
ENSG00000262495	0.00	0.00
ENSG00000262497	0.25	0.25
ENSG00000262500	0.00	0.00
ENSG00000262503	0.25	0.00
ENSG00000262505	2.00	0.00
ENSG00000262512	0.00	0.00
ENSG00000262516	0.00	0.25
ENSG00000262518	0.00	0.00
ENSG00000262519	0.25	0.00
ENSG00000262520	0.00	0.00
ENSG00000262525	0.25	0.00
ENSG00000262526	0.00	9.75
ENSG00000262535	0.00	0.00
ENSG00000262536	0.00	0.00
ENSG00000262539	0.00	0.00
ENSG00000262542	0.00	0.00
ENSG00000262554	0.75	0.25
ENSG00000262560	0.00	2.75
ENSG00000262561	0.00	0.00
ENSG00000262566	0.00	0.00
ENSG00000262573	0.00	0.00

ENSG00000262576	692.00	665.25
ENSG00000262583	3.75	2.75
ENSG00000262587	13.75	8.00
ENSG00000262591	0.00	0.00
ENSG00000262594	0.00	0.00
ENSG00000262599	260.25	193.75
ENSG00000262607	1.00	1.00
ENSG00000262609	0.00	0.00
ENSG00000262611	0.00	0.00
ENSG00000262612	0.50	0.00
ENSG00000262616	0.00	0.00
ENSG00000262621	40.00	52.75
ENSG00000262623	0.00	0.00
ENSG00000262628	0.00	0.00
ENSG00000262633	2.75	0.50
ENSG00000262634	20.00	10.75
ENSG00000262635	19.00	9.25
ENSG00000262636	0.25	0.25
ENSG00000262647	0.00	0.00
ENSG00000262648	0.75	0.00
ENSG00000262651	0.00	0.00
ENSG00000262655	803.75	2307.00
ENSG00000262660	0.00	0.00
ENSG00000262664	312.25	286.75
ENSG00000262666	479.50	515.00
ENSG00000262700	2.75	2.00
ENSG00000262708	0.00	0.25
ENSG00000262730	0.25	0.00
ENSG00000262731	0.00	0.00
ENSG00000262734	0.00	0.00
ENSG00000262748	0.25	0.00
ENSG00000262749	0.00	0.00
ENSG00000262752	1.00	2.00
ENSG00000262755	0.00	0.00
ENSG00000262759	0.00	0.00
ENSG00000262767	0.00	0.00
ENSG00000262771	175.00	179.25
ENSG00000262784	0.00	0.00
ENSG00000262785	0.00	0.25
ENSG00000262788	169.25	182.75
ENSG00000262795	1032.50	797.50
ENSG00000262796	0.00	0.00
ENSG00000262803	0.00	0.00

ENSG00000262808	0.00	0.25
ENSG00000262814	374.50	391.75
ENSG00000262818	0.00	0.00
ENSG00000262819	0.25	0.00
ENSG00000262826	1352.25	1133.50
ENSG00000262829	0.75	1.25
ENSG00000262845	0.00	0.00
ENSG00000262851	0.00	0.00
ENSG00000262855	0.00	0.00
ENSG00000262860	2050.50	1919.00
ENSG00000262862	0.25	0.25
ENSG00000262870	0.00	0.00
ENSG00000262874	2.25	0.25
ENSG00000262885	0.00	0.00
ENSG00000262892	0.00	0.00
ENSG00000262896	0.00	0.00
ENSG00000262902	60.25	56.00
ENSG00000262904	0.25	0.00
ENSG00000262911	15.25	10.50
ENSG00000262919	195.00	216.75
ENSG00000262938	3.75	4.25
ENSG00000262943	12.50	10.50
ENSG00000262946	0.00	0.00
ENSG00000262953	0.00	0.25
ENSG00000262959	0.00	0.25
ENSG00000262961	0.00	0.00
ENSG00000262962	0.25	0.75
ENSG00000262974	0.00	0.00
ENSG00000262980	0.00	0.00
ENSG00000262986	2.00	5.75
ENSG00000262990	0.00	0.00
ENSG00000262993	0.00	0.00
ENSG00000262994	0.00	0.00
ENSG00000263001	5286.50	4578.50
ENSG00000263002	280.25	221.25
ENSG00000263006	19.00	7.75
ENSG00000263012	0.00	0.00
ENSG00000263014	0.00	0.00
ENSG00000263017	0.00	0.00
ENSG00000263020	0.00	5.25
ENSG00000263022	0.00	0.00
ENSG00000263028	1.00	0.75
ENSG00000263029	0.00	0.00

ENSG00000263037	7.00	7.25
ENSG00000263042	5.00	3.25
ENSG00000263045	0.00	0.25
ENSG00000263057	0.00	0.00
ENSG00000263070	0.00	0.00
ENSG00000263083	0.00	1.50
ENSG00000263090	0.00	0.00
ENSG00000263091	0.00	0.00
ENSG00000263097	1.75	1.50
ENSG00000263101	0.00	0.00
ENSG00000263103	0.00	0.00
ENSG00000263107	0.00	0.00
ENSG00000263114	0.25	0.00
ENSG00000263115	0.00	0.00
ENSG00000263125	0.00	0.00
ENSG00000263127	1.25	1.00
ENSG00000263140	34.25	13.75
ENSG00000263141	0.00	0.00
ENSG00000263142	328.25	323.00
ENSG00000263150	0.00	0.00
ENSG00000263155	0.25	0.25
ENSG00000263158	0.00	0.00
ENSG00000263160	391.75	460.50
ENSG00000263163	106.25	108.25
ENSG00000263177	3.25	1.50
ENSG00000263179	0.25	0.25
ENSG00000263181	1.50	2.25
ENSG00000263186	0.00	0.25
ENSG00000263189	2.50	2.75
ENSG00000263196	0.00	0.00
ENSG00000263199	0.00	0.00
ENSG00000263201	0.00	0.00
ENSG00000263206	0.00	0.00
ENSG00000263219	0.50	0.75
ENSG00000263229	0.00	0.00
ENSG00000263231	0.75	0.00
ENSG00000263232	0.25	0.50
ENSG00000263236	0.00	0.00
ENSG00000263238	1040.75	1024.25
ENSG00000263241	0.00	0.00
ENSG00000263242	0.00	0.00
ENSG00000263243	0.00	0.00
ENSG00000263247	8.75	9.50

ENSG00000263252	0.00	0.00
ENSG00000263263	0.25	0.25
ENSG00000263264	6.75	2.00
ENSG00000263266	3.50	2.25
ENSG00000263290	550.00	567.00
ENSG00000263296	0.00	0.00
ENSG00000263309	0.25	0.00
ENSG00000263310	0.00	0.00
ENSG00000263311	0.75	0.25
ENSG00000263324	57.00	36.75
ENSG00000263326	8.00	6.00
ENSG00000263328	0.00	0.00
ENSG00000263341	0.00	0.00
ENSG00000263343	0.00	0.00
ENSG00000263353	0.00	0.00
ENSG00000263355	2.25	2.75
ENSG00000263366	0.00	0.25
ENSG00000263368	0.00	0.25
ENSG00000263369	0.00	0.00
ENSG00000263375	0.00	0.00
ENSG00000263396	0.00	0.00
ENSG00000263405	0.00	0.00
ENSG00000263433	0.00	0.00
ENSG00000263460	0.00	0.00
ENSG00000263464	0.00	0.00
ENSG00000263465	504.00	658.50
ENSG00000263482	0.00	0.00
ENSG00000263483	0.00	0.00
ENSG00000263503	0.00	0.00
ENSG00000263505	0.00	0.00
ENSG00000263513	11.00	10.75
ENSG00000263528	242.00	174.00
ENSG00000263535	45.50	40.25
ENSG00000263563	3.75	3.00
ENSG00000263604	0.00	0.00
ENSG00000263606	1.50	0.25
ENSG00000263620	23.75	13.25
ENSG00000263639	0.00	0.00
ENSG00000263647	63.25	75.25
ENSG00000263648	0.00	0.50
ENSG00000263682	0.00	0.00
ENSG00000263715	0.00	0.00
ENSG00000263716	0.00	0.00

ENSG00000263725	0.00	0.00
ENSG00000263729	0.00	0.00
ENSG00000263733	0.00	0.00
ENSG00000263748	0.00	0.00
ENSG00000263749	0.25	0.00
ENSG00000263761	0.00	0.00
ENSG00000263772	0.00	0.25
ENSG00000263781	0.25	0.00
ENSG00000263788	0.00	0.00
ENSG00000263809	10.25	7.50
ENSG00000263818	10.75	5.75
ENSG00000263829	0.00	0.00
ENSG00000263846	0.00	0.00
ENSG00000263870	0.00	0.00
ENSG00000263883	0.50	0.00
ENSG00000263887	0.00	0.00
ENSG00000263914	0.00	0.00
ENSG00000263935	0.00	0.00
ENSG00000263946	0.00	0.00
ENSG00000263956	531.00	332.00
ENSG00000263961	24.00	25.00
ENSG00000263976	0.00	0.00
ENSG00000264006	0.00	0.00
ENSG00000264029	0.00	0.00
ENSG00000264040	1.75	1.50
ENSG00000264050	0.00	0.00
ENSG00000264054	0.00	0.00
ENSG00000264057	15.25	6.00
ENSG00000264058	48.25	32.75
ENSG00000264061	0.00	0.00
ENSG00000264064	0.00	0.00
ENSG00000264070	3.00	1.50
ENSG00000264093	0.00	0.00
ENSG00000264104	0.00	0.00
ENSG00000264127	0.00	0.00
ENSG00000264138	0.00	0.00
ENSG00000264145	0.00	0.00
ENSG00000264148	4.00	1.50
ENSG00000264150	0.00	0.00
ENSG00000264164	0.25	0.00
ENSG00000264168	0.50	0.00
ENSG00000264172	0.00	0.00
ENSG00000264176	9.50	6.50

ENSG00000264179	0.00	0.00
ENSG00000264186	0.25	0.00
ENSG00000264187	31.75	13.50
ENSG00000264189	0.00	0.00
ENSG00000264193	0.00	0.00
ENSG00000264204	1.25	1.00
ENSG00000264216	0.00	0.00
ENSG00000264217	0.00	0.00
ENSG00000264230	53.00	76.75
ENSG00000264236	0.00	0.00
ENSG00000264240	0.00	0.00
ENSG00000264242	0.00	0.00
ENSG00000264245	0.00	0.00
ENSG00000264246	0.00	0.00
ENSG00000264257	0.00	0.00
ENSG00000264281	0.00	0.00
ENSG00000264289	0.00	0.00
ENSG00000264296	0.00	0.50
ENSG00000264300	0.00	0.00
ENSG00000264311	0.00	0.50
ENSG00000264315	0.00	0.25
ENSG00000264316	0.00	0.00
ENSG00000264324	19.25	14.25
ENSG00000264343	1317.75	1036.00
ENSG00000264350	0.00	0.00
ENSG00000264359	0.00	0.00
ENSG00000264364	2010.25	1706.50
ENSG00000264373	0.00	0.00
ENSG00000264388	0.00	0.00
ENSG00000264424	0.00	0.00
ENSG00000264431	0.00	0.00
ENSG00000264435	0.00	0.00
ENSG00000264444	0.00	0.50
ENSG00000264497	0.00	0.00
ENSG00000264503	0.00	0.00
ENSG00000264522	792.00	826.50
ENSG00000264529	0.00	0.00
ENSG00000264538	164.25	159.75
ENSG00000264545	5.25	3.00
ENSG00000264562	0.00	0.00
ENSG00000264564	0.00	0.00
ENSG00000264570	2.50	4.25
ENSG00000264617	0.00	0.00

ENSG00000264619	5.00	4.25
ENSG00000264644	0.00	0.00
ENSG00000264655	0.25	0.75
ENSG00000264662	0.00	0.00
ENSG00000264663	0.00	0.00
ENSG00000264668	24.00	17.25
ENSG00000264685	0.00	0.00
ENSG00000264689	0.00	0.00
ENSG00000264697	0.00	0.00
ENSG00000264714	0.00	0.00
ENSG00000264736	0.00	0.00
ENSG00000264743	0.75	1.25
ENSG00000264775	0.00	0.00
ENSG00000264801	1.50	0.75
ENSG00000264811	0.00	0.00
ENSG00000264813	2.25	1.00
ENSG00000264837	0.00	0.00
ENSG00000264845	0.00	0.00
ENSG00000264874	0.00	0.00
ENSG00000264892	0.00	0.00
ENSG00000264907	0.00	0.25
ENSG00000264911	0.00	0.00
ENSG00000264930	0.00	0.00
ENSG00000264943	2.00	2.00
ENSG00000264958	0.25	0.25
ENSG00000264970	0.00	0.00
ENSG00000264971	0.00	0.00
ENSG00000264981	2.25	1.00
ENSG00000265015	0.00	0.25
ENSG00000265018	11.25	6.75
ENSG00000265019	0.00	0.00
ENSG00000265038	0.00	0.00
ENSG00000265041	0.00	0.00
ENSG00000265060	0.00	0.00
ENSG00000265095	0.75	0.50
ENSG00000265097	0.00	0.00
ENSG00000265099	0.00	0.00
ENSG00000265107	0.00	0.00
ENSG00000265118	6.00	4.50
ENSG00000265136	1.00	0.50
ENSG00000265158	5.50	2.50
ENSG00000265182	0.00	0.00
ENSG00000265188	74.50	63.25

ENSG00000265190	3.00	5.75
ENSG00000265203	0.00	0.25
ENSG00000265233	0.00	0.00
ENSG00000265240	0.00	0.00
ENSG00000265241	1131.25	1055.75
ENSG00000265243	0.00	0.00
ENSG00000265261	0.25	0.00
ENSG00000265262	0.25	0.00
ENSG00000265264	0.00	1.00
ENSG00000265273	0.00	0.00
ENSG00000265279	0.00	0.00
ENSG00000265293	2.75	2.50
ENSG00000265296	1.00	0.50
ENSG00000265298	86.25	104.25
ENSG00000265303	1.00	1.75
ENSG00000265340	0.00	0.00
ENSG00000265354	669.00	731.00
ENSG00000265366	2.75	4.75
ENSG00000265402	0.00	0.00
ENSG00000265417	0.25	0.50
ENSG00000265428	0.00	0.00
ENSG00000265437	0.00	0.00
ENSG00000265453	0.00	0.00
ENSG00000265460	0.50	0.75
ENSG00000265469	0.00	0.00
ENSG00000265472	0.00	0.00
ENSG00000265480	0.75	0.25
ENSG00000265491	1808.25	1879.25
ENSG00000265531	0.00	0.25
ENSG00000265541	0.00	0.00
ENSG00000265545	0.00	0.00
ENSG00000265564	0.00	0.00
ENSG00000265567	0.00	0.25
ENSG00000265574	0.00	0.00
ENSG00000265590	50.50	60.75
ENSG00000265593	0.00	0.00
ENSG00000265614	0.00	0.00
ENSG00000265626	0.00	0.00
ENSG00000265630	0.50	0.50
ENSG00000265631	0.50	0.00
ENSG00000265639	0.00	0.00
ENSG00000265646	0.50	0.00
ENSG00000265681	14630.00	12774.75

ENSG00000265683	4.00	1.25
ENSG00000265690	23.25	24.25
ENSG00000265693	1.00	0.00
ENSG00000265698	0.00	0.00
ENSG00000265712	0.00	0.00
ENSG00000265713	0.25	1.25
ENSG00000265746	0.25	0.00
ENSG00000265763	22.00	3.25
ENSG00000265773	0.00	0.00
ENSG00000265790	0.00	0.00
ENSG00000265798	2.50	2.75
ENSG00000265808	4288.75	5029.25
ENSG00000265817	19.25	12.50
ENSG00000265818	12.00	1.75
ENSG00000265833	0.00	0.00
ENSG00000265836	0.00	0.00
ENSG00000265853	0.00	0.00
ENSG00000265863	1.75	3.00
ENSG00000265881	0.00	0.00
ENSG00000265883	0.00	0.00
ENSG00000265897	0.00	0.00
ENSG00000265916	2.75	1.50
ENSG00000265934	0.00	0.00
ENSG00000265936	0.75	0.50
ENSG00000265939	4.25	4.50
ENSG00000265946	0.25	0.00
ENSG00000265972	17395.00	13275.50
ENSG00000265973	0.00	0.00
ENSG00000265982	2.75	2.75
ENSG00000266003	0.00	0.00
ENSG00000266009	0.00	0.00
ENSG00000266027	1.00	1.00
ENSG00000266028	1681.75	1333.75
ENSG00000266042	0.00	0.00
ENSG00000266048	0.00	0.00
ENSG00000266050	39.00	30.25
ENSG00000266066	4.75	5.00
ENSG00000266074	723.00	572.25
ENSG00000266076	0.00	2.75
ENSG00000266086	54.50	43.50
ENSG00000266094	207.50	226.75
ENSG00000266105	0.00	0.00
ENSG00000266117	0.00	0.00

ENSG00000266127	0.00	0.00
ENSG00000266129	0.00	0.25
ENSG00000266145	0.00	0.00
ENSG00000266155	0.25	0.00
ENSG00000266162	0.00	0.00
ENSG00000266173	511.25	420.25
ENSG00000266179	5.50	4.25
ENSG00000266181	0.00	0.00
ENSG00000266184	0.00	0.00
ENSG00000266190	0.00	0.25
ENSG00000266200	0.00	0.00
ENSG00000266201	0.00	0.00
ENSG00000266202	0.50	0.25
ENSG00000266217	0.00	0.25
ENSG00000266227	0.00	0.00
ENSG00000266242	0.75	0.75
ENSG00000266251	0.00	0.00
ENSG00000266265	5.00	1.00
ENSG00000266282	0.00	0.00
ENSG00000266286	0.00	0.00
ENSG00000266296	0.00	0.00
ENSG00000266302	98.50	101.50
ENSG00000266306	0.25	0.00
ENSG00000266338	1442.00	1285.50
ENSG00000266356	0.00	0.00
ENSG00000266364	0.00	0.00
ENSG00000266365	0.00	0.00
ENSG00000266373	0.00	0.50
ENSG00000266379	0.25	0.00
ENSG00000266405	29.75	26.50
ENSG00000266412	4409.00	3661.25
ENSG00000266416	0.00	0.00
ENSG00000266433	16.25	11.25
ENSG00000266442	1.00	1.00
ENSG00000266448	0.00	0.00
ENSG00000266470	0.00	0.00
ENSG00000266472	848.00	820.50
ENSG00000266479	0.25	0.00
ENSG00000266486	5.50	4.25
ENSG00000266488	0.00	0.00
ENSG00000266497	2.25	1.25
ENSG00000266501	0.00	0.00
ENSG00000266504	2.25	1.25

ENSG00000266520	0.25	0.00
ENSG00000266522	0.75	0.25
ENSG00000266524	5589.25	2867.25
ENSG00000266529	0.00	0.00
ENSG00000266537	0.00	0.00
ENSG00000266549	0.00	0.00
ENSG00000266561	0.00	0.00
ENSG00000266563	0.00	0.00
ENSG00000266575	0.00	0.00
ENSG00000266576	0.00	0.00
ENSG00000266605	0.00	0.25
ENSG00000266613	0.00	0.25
ENSG00000266647	0.00	0.00
ENSG00000266648	0.00	0.50
ENSG00000266673	0.00	0.25
ENSG00000266691	0.00	0.00
ENSG00000266693	0.00	0.00
ENSG00000266695	0.50	0.75
ENSG00000266707	0.00	0.00
ENSG00000266714	136.25	134.75
ENSG00000266728	1.25	0.00
ENSG00000266733	8.75	9.50
ENSG00000266736	0.00	0.00
ENSG00000266746	0.00	0.00
ENSG00000266771	0.00	0.00
ENSG00000266777	31.25	30.00
ENSG00000266786	0.00	0.00
ENSG00000266806	0.00	0.00
ENSG00000266809	0.00	0.00
ENSG00000266818	0.00	0.00
ENSG00000266820	117.25	144.75
ENSG00000266826	0.00	0.00
ENSG00000266853	1.50	0.25
ENSG00000266858	0.00	0.00
ENSG00000266865	58.00	30.50
ENSG00000266876	0.75	1.00
ENSG00000266885	0.75	0.75
ENSG00000266891	1.25	0.75
ENSG00000266899	0.50	0.00
ENSG00000266906	0.00	0.00
ENSG00000266907	1.25	2.00
ENSG00000266909	0.00	0.25
ENSG00000266910	3.00	1.50

ENSG00000266915	0.00	0.00
ENSG00000266920	0.00	0.00
ENSG00000266931	0.25	0.50
ENSG00000266932	0.75	0.75
ENSG00000266938	0.00	0.00
ENSG00000266943	0.00	0.00
ENSG00000266944	0.00	0.00
ENSG00000266946	0.50	0.00
ENSG00000266953	2.50	0.75
ENSG00000266959	0.00	0.00
ENSG00000266960	0.00	0.00
ENSG00000266964	361.00	294.50
ENSG00000266967	315.50	271.50
ENSG00000266971	0.00	0.00
ENSG00000266984	0.00	0.00
ENSG00000266989	0.75	0.50
ENSG00000266992	13.25	13.00
ENSG00000266995	1.50	0.25
ENSG00000266997	2.00	0.50
ENSG00000267001	0.00	0.00
ENSG00000267005	0.00	0.00
ENSG00000267019	0.00	0.00
ENSG00000267022	56.00	32.00
ENSG00000267023	738.00	389.25
ENSG00000267032	0.25	0.25
ENSG00000267036	0.00	0.00
ENSG00000267041	41.50	49.00
ENSG00000267046	0.25	0.25
ENSG00000267056	0.00	0.00
ENSG00000267059	218.50	167.50
ENSG00000267060	15.75	23.00
ENSG00000267066	0.00	0.00
ENSG00000267076	1.00	0.50
ENSG00000267083	0.00	0.00
ENSG00000267084	0.00	0.00
ENSG00000267085	0.00	0.00
ENSG00000267088	0.50	0.00
ENSG00000267091	1.75	0.25
ENSG00000267099	0.00	0.00
ENSG00000267102	72.25	109.00
ENSG00000267110	0.00	0.00
ENSG00000267113	0.25	0.00
ENSG00000267116	0.00	0.00

ENSG00000267119	1.50	1.00
ENSG00000267120	1.25	3.75
ENSG00000267127	21.00	16.75
ENSG00000267129	0.00	0.00
ENSG00000267132	0.00	0.00
ENSG00000267135	0.25	0.00
ENSG00000267140	1.00	0.25
ENSG00000267142	0.50	0.00
ENSG00000267145	0.25	0.25
ENSG00000267148	0.00	0.00
ENSG00000267153	0.00	0.00
ENSG00000267154	0.00	0.00
ENSG00000267156	0.50	0.25
ENSG00000267157	3.25	1.25
ENSG00000267162	0.00	0.00
ENSG00000267166	0.00	0.25
ENSG00000267168	0.00	0.25
ENSG00000267170	0.00	0.00
ENSG00000267173	0.00	0.50
ENSG00000267178	0.00	0.00
ENSG00000267179	4.50	3.25
ENSG00000267180	0.00	0.00
ENSG00000267182	0.00	0.00
ENSG00000267184	0.00	0.00
ENSG00000267185	2.25	0.75
ENSG00000267187	0.00	0.00
ENSG00000267189	0.00	0.00
ENSG00000267190	0.00	0.00
ENSG00000267203	2.00	2.25
ENSG00000267206	0.00	0.00
ENSG00000267208	0.00	0.00
ENSG00000267216	46.50	20.25
ENSG00000267218	0.00	0.00
ENSG00000267220	0.25	0.25
ENSG00000267227	0.00	0.00
ENSG00000267228	89.00	93.00
ENSG00000267233	0.00	0.00
ENSG00000267235	0.00	0.00
ENSG00000267237	0.00	0.00
ENSG00000267241	0.00	0.00
ENSG00000267245	0.00	0.00
ENSG00000267253	1.75	0.50
ENSG00000267258	0.00	0.25

ENSG00000267261	13.25	14.25
ENSG00000267264	0.75	1.00
ENSG00000267271	0.00	0.25
ENSG00000267281	49.75	46.75
ENSG00000267292	0.00	0.00
ENSG00000267293	0.50	0.75
ENSG00000267295	1.00	0.75
ENSG00000267301	0.00	0.25
ENSG00000267303	9.75	12.25
ENSG00000267305	2.00	1.75
ENSG00000267310	0.00	0.00
ENSG00000267312	0.00	0.00
ENSG00000267314	1.75	0.50
ENSG00000267315	0.00	0.00
ENSG00000267318	0.50	0.75
ENSG00000267319	1.25	0.50
ENSG00000267323	14.75	13.50
ENSG00000267324	0.00	0.00
ENSG00000267332	0.00	0.00
ENSG00000267333	0.00	0.00
ENSG00000267335	0.00	0.25
ENSG00000267336	1.50	2.50
ENSG00000267340	8.00	4.25
ENSG00000267343	8.50	9.00
ENSG00000267346	0.00	0.00
ENSG00000267352	40.50	35.00
ENSG00000267355	4.50	3.25
ENSG00000267360	0.00	2.50
ENSG00000267361	12.75	24.00
ENSG00000267368	90.50	107.00
ENSG00000267369	0.25	0.00
ENSG00000267370	17.75	16.50
ENSG00000267371	0.00	0.00
ENSG00000267376	0.00	0.00
ENSG00000267382	0.00	0.00
ENSG00000267384	0.00	0.00
ENSG00000267385	1.25	1.75
ENSG00000267389	0.00	0.00
ENSG00000267392	0.00	0.00
ENSG00000267398	0.00	0.00
ENSG00000267400	0.00	0.00
ENSG00000267404	1.75	0.75
ENSG00000267408	0.00	0.00

ENSG00000267415	0.50	0.25
ENSG00000267418	0.25	0.00
ENSG00000267419	26.25	12.75
ENSG00000267422	7.75	3.75
ENSG00000267426	30.25	43.75
ENSG00000267428	0.00	0.00
ENSG00000267430	0.25	0.75
ENSG00000267433	0.00	0.00
ENSG00000267441	0.25	0.00
ENSG00000267444	0.00	0.00
ENSG00000267450	1.50	1.75
ENSG00000267456	0.00	0.00
ENSG00000267459	27.25	17.50
ENSG00000267463	0.00	0.00
ENSG00000267467	0.50	1.25
ENSG00000267471	0.00	0.00
ENSG00000267472	0.50	2.50
ENSG00000267477	0.00	0.00
ENSG00000267478	0.00	0.25
ENSG00000267482	0.00	0.25
ENSG00000267486	0.00	0.75
ENSG00000267487	0.00	0.00
ENSG00000267490	0.00	0.00
ENSG00000267492	0.00	0.00
ENSG00000267497	8.75	8.25
ENSG00000267500	3.25	1.50
ENSG00000267507	1.00	0.50
ENSG00000267508	128.00	95.25
ENSG00000267511	0.00	0.00
ENSG00000267513	0.00	0.00
ENSG00000267515	1.75	0.00
ENSG00000267518	0.25	0.00
ENSG00000267524	0.00	0.00
ENSG00000267526	0.25	0.25
ENSG00000267533	0.25	0.25
ENSG00000267534	1711.50	1643.75
ENSG00000267541	1.25	0.50
ENSG00000267544	0.25	0.00
ENSG00000267545	1.50	0.75
ENSG00000267552	0.50	0.00
ENSG00000267554	1.00	0.50
ENSG00000267558	0.00	0.00
ENSG00000267561	171.25	190.25

ENSG00000267570	1.25	2.25
ENSG00000267573	0.00	0.00
ENSG00000267585	0.00	0.00
ENSG00000267587	2.75	2.75
ENSG00000267589	0.00	0.00
ENSG00000267590	0.50	0.50
ENSG00000267591	0.00	0.00
ENSG00000267592	0.25	0.50
ENSG00000267594	0.25	0.00
ENSG00000267595	2.00	2.50
ENSG00000267597	0.00	0.00
ENSG00000267609	0.00	0.00
ENSG00000267611	0.00	0.00
ENSG00000267618	2.50	4.50
ENSG00000267620	0.00	0.00
ENSG00000267623	0.00	0.00
ENSG00000267624	0.00	0.00
ENSG00000267630	0.00	0.00
ENSG00000267631	0.50	0.00
ENSG00000267634	0.00	0.00
ENSG00000267635	0.00	0.00
ENSG00000267639	0.00	0.00
ENSG00000267641	0.25	0.25
ENSG00000267645	477.00	363.00
ENSG00000267647	0.00	0.00
ENSG00000267648	53.25	84.25
ENSG00000267652	0.00	0.00
ENSG00000267656	0.50	0.00
ENSG00000267661	0.00	0.25
ENSG00000267663	0.00	0.00
ENSG00000267664	0.00	0.25
ENSG00000267669	37.50	98.50
ENSG00000267673	231.75	210.50
ENSG00000267676	1.25	1.00
ENSG00000267678	0.00	0.00
ENSG00000267679	0.50	0.25
ENSG00000267680	597.50	520.50
ENSG00000267681	7.50	5.00
ENSG00000267685	0.00	0.00
ENSG00000267687	0.00	0.00
ENSG00000267689	0.00	0.00
ENSG00000267691	1.00	0.25
ENSG00000267692	0.50	0.75

ENSG00000267693	0.00	0.25
ENSG00000267697	0.00	2.75
ENSG00000267699	11.25	7.25
ENSG00000267704	0.00	0.00
ENSG00000267706	0.00	0.75
ENSG00000267708	0.75	0.25
ENSG00000267713	0.00	0.00
ENSG00000267716	0.00	0.00
ENSG00000267717	0.00	0.25
ENSG00000267725	0.00	0.00
ENSG00000267728	0.00	0.00
ENSG00000267733	0.50	2.25
ENSG00000267736	0.75	0.00
ENSG00000267740	16.25	14.50
ENSG00000267741	1.00	0.00
ENSG00000267742	0.00	0.00
ENSG00000267744	0.00	0.00
ENSG00000267748	0.75	0.25
ENSG00000267752	0.00	0.00
ENSG00000267756	1.00	0.00
ENSG00000267768	0.00	0.00
ENSG00000267770	0.00	0.00
ENSG00000267771	0.00	0.00
ENSG00000267773	0.00	0.00
ENSG00000267775	0.00	0.00
ENSG00000267781	2.25	2.50
ENSG00000267792	0.00	0.00
ENSG00000267793	10.00	4.50
ENSG00000267794	0.00	0.00
ENSG00000267795	2.00	2.00
ENSG00000267796	89.50	108.00
ENSG00000267797	0.00	0.00
ENSG00000267799	0.00	0.00
ENSG00000267800	1.25	0.75
ENSG00000267809	64.25	61.00
ENSG00000267855	234.25	248.50
ENSG00000267881	0.00	0.00
ENSG00000267895	0.00	0.00
ENSG00000267908	0.50	0.00
ENSG00000267909	1.00	1.25
ENSG00000267920	0.00	0.00
ENSG00000267938	0.00	0.25
ENSG00000267952	8.50	13.00

ENSG00000267954	0.75	2.00
ENSG00000267961	0.00	0.00
ENSG00000267978	0.75	0.00
ENSG00000267990	0.00	0.00
ENSG00000268009	0.00	0.00
ENSG00000268020	0.00	0.00
ENSG00000268034	0.00	0.00
ENSG00000268036	0.25	0.50
ENSG00000268041	1.50	2.50
ENSG00000268043	686.50	511.25
ENSG00000268053	0.00	0.25
ENSG00000268058	0.25	0.25
ENSG00000268062	0.00	0.00
ENSG00000268067	0.00	0.00
ENSG00000268070	1.00	0.50
ENSG00000268074	0.00	0.00
ENSG00000268079	0.00	0.00
ENSG00000268080	0.25	0.25
ENSG00000268083	2.50	0.50
ENSG00000268088	0.00	0.00
ENSG00000268089	0.00	0.00
ENSG00000268100	0.00	0.00
ENSG00000268101	0.00	0.00
ENSG00000268104	0.50	1.00
ENSG00000268105	0.00	0.00
ENSG00000268107	0.00	0.25
ENSG00000268116	0.00	0.00
ENSG00000268117	0.25	0.00
ENSG00000268133	0.00	0.50
ENSG00000268140	0.25	0.00
ENSG00000268144	0.25	0.00
ENSG00000268148	0.00	0.00
ENSG00000268153	1.75	0.75
ENSG00000268163	3.25	2.25
ENSG00000268173	0.00	8.50
ENSG00000268174	0.25	0.50
ENSG00000268182	4.00	3.25
ENSG00000268187	0.25	0.25
ENSG00000268193	2.25	3.00
ENSG00000268209	0.00	0.00
ENSG00000268221	0.00	0.00
ENSG00000268222	1.50	2.50
ENSG00000268223	1.50	0.25

ENSG00000268225	17.75	12.75
ENSG00000268234	0.00	0.00
ENSG00000268235	0.00	0.00
ENSG00000268238	0.00	0.00
ENSG00000268243	0.00	0.00
ENSG00000268267	0.00	0.00
ENSG00000268272	0.50	0.00
ENSG00000268278	0.00	0.00
ENSG00000268279	23.50	26.00
ENSG00000268282	0.00	0.25
ENSG00000268293	0.00	0.00
ENSG00000268295	0.00	0.00
ENSG00000268297	0.00	0.00
ENSG00000268320	0.00	0.00
ENSG00000268322	0.25	0.00
ENSG00000268335	0.00	0.00
ENSG00000268336	0.00	0.00
ENSG00000268350	590.00	566.50
ENSG00000268357	2.25	1.25
ENSG00000268361	0.25	0.25
ENSG00000268379	1.00	0.00
ENSG00000268391	0.00	0.00
ENSG00000268400	3.00	3.50
ENSG00000268407	0.00	0.00
ENSG00000268412	0.00	0.00
ENSG00000268433	0.00	0.00
ENSG00000268434	0.00	1.25
ENSG00000268438	0.25	0.00
ENSG00000268439	109.00	115.75
ENSG00000268442	2.75	2.00
ENSG00000268447	0.00	0.00
ENSG00000268455	0.00	0.00
ENSG00000268461	0.00	0.00
ENSG00000268465	2.00	1.00
ENSG00000268469	0.00	0.25
ENSG00000268473	0.50	0.00
ENSG00000268483	0.00	0.00
ENSG00000268486	0.75	0.25
ENSG00000268500	0.25	0.00
ENSG00000268510	0.00	0.00
ENSG00000268521	5.50	5.00
ENSG00000268529	1.25	0.25
ENSG00000268533	8.25	7.00

ENSG00000268535	0.00	0.00
ENSG00000268541	0.00	0.00
ENSG00000268545	1.00	0.50
ENSG00000268581	0.00	0.00
ENSG00000268582	0.00	0.00
ENSG00000268589	0.00	0.00
ENSG00000268593	0.00	0.00
ENSG00000268598	0.75	0.50
ENSG00000268606	0.00	0.00
ENSG00000268614	0.00	1.50
ENSG00000268620	0.00	0.00
ENSG00000268623	0.00	0.00
ENSG00000268629	0.25	0.00
ENSG00000268643	11.25	1.75
ENSG00000268651	0.00	0.00
ENSG00000268652	0.00	0.00
ENSG00000268660	1.25	0.75
ENSG00000268663	0.00	0.00
ENSG00000268669	0.00	0.00
ENSG00000268674	0.00	0.00
ENSG00000268681	0.00	0.00
ENSG00000268685	0.00	0.00
ENSG00000268696	1.25	0.75
ENSG00000268705	1.50	0.50
ENSG00000268711	0.00	0.00
ENSG00000268714	0.00	0.50
ENSG00000268717	0.00	0.50
ENSG00000268721	0.00	0.00
ENSG00000268723	0.00	0.50
ENSG00000268731	0.00	0.25
ENSG00000268736	0.50	2.00
ENSG00000268738	5.25	4.50
ENSG00000268742	0.00	0.00
ENSG00000268744	6.75	4.00
ENSG00000268747	0.25	0.25
ENSG00000268750	11.00	9.50
ENSG00000268758	0.75	0.25
ENSG00000268784	0.00	0.00
ENSG00000268785	0.00	0.25
ENSG00000268789	0.00	0.00
ENSG00000268790	89.75	75.50
ENSG00000268794	0.00	0.00
ENSG00000268797	0.75	0.00

ENSG00000268799	0.50	0.50
ENSG00000268803	0.00	0.00
ENSG00000268830	0.00	0.00
ENSG00000268834	0.00	0.00
ENSG00000268839	0.00	0.00
ENSG00000268847	0.00	0.00
ENSG00000268849	0.00	0.00
ENSG00000268861	7.00	1.00
ENSG00000268864	5.00	1.50
ENSG00000268866	0.50	0.25
ENSG00000268869	0.25	0.00
ENSG00000268870	1.50	0.25
ENSG00000268879	0.25	0.00
ENSG00000268883	14.75	12.25
ENSG00000268884	0.25	0.00
ENSG00000268892	0.50	0.00
ENSG00000268902	0.00	0.00
ENSG00000268903	1.50	1.25
ENSG00000268908	0.00	0.00
ENSG00000268916	0.00	0.00
ENSG00000268922	0.00	0.00
ENSG00000268940	0.00	0.00
ENSG00000268942	0.00	0.00
ENSG00000268949	8.25	9.25
ENSG00000268951	1.25	0.25
ENSG00000268957	0.00	0.00
ENSG00000268964	0.00	0.00
ENSG00000268967	0.00	0.00
ENSG00000268975	0.00	0.00
ENSG00000268988	0.00	0.00
ENSG00000268991	0.00	0.00
ENSG00000268992	0.00	0.00
ENSG00000268993	0.00	0.00
ENSG00000268995	0.00	1.75
ENSG00000268997	0.00	0.00
ENSG00000269001	17.25	14.25
ENSG00000269009	0.00	0.00
ENSG00000269012	0.00	0.00
ENSG00000269014	0.25	0.00
ENSG00000269021	0.00	0.00
ENSG00000269025	0.00	0.00
ENSG00000269026	2.00	2.75
ENSG00000269028	46809.50	41025.75

ENSG00000269032	0.75	1.25
ENSG00000269035	0.00	0.00
ENSG00000269040	0.00	0.00
ENSG00000269055	0.00	0.00
ENSG00000269058	0.50	0.50
ENSG00000269067	0.50	0.50
ENSG00000269069	16.75	8.75
ENSG00000269095	1.00	0.00
ENSG00000269096	0.00	0.00
ENSG00000269097	0.00	0.00
ENSG00000269099	0.00	0.00
ENSG00000269113	40.75	38.75
ENSG00000269118	0.00	0.25
ENSG00000269119	0.00	0.00
ENSG00000269130	0.00	0.00
ENSG00000269136	0.00	0.00
ENSG00000269138	0.00	0.00
ENSG00000269153	0.00	0.00
ENSG00000269154	0.00	0.00
ENSG00000269167	0.00	0.00
ENSG00000269179	0.00	0.00
ENSG00000269181	0.00	0.00
ENSG00000269188	0.00	0.00
ENSG00000269190	404.00	341.75
ENSG00000269226	77.75	44.00
ENSG00000269227	11.25	7.50
ENSG00000269228	0.00	0.00
ENSG00000269236	0.25	0.25
ENSG00000269237	0.00	0.00
ENSG00000269242	1.75	5.00
ENSG00000269244	0.00	0.00
ENSG00000269253	0.00	0.00
ENSG00000269266	0.00	0.00
ENSG00000269274	0.25	0.25
ENSG00000269281	0.00	0.00
ENSG00000269304	0.00	0.00
ENSG00000269307	0.00	0.00
ENSG00000269313	30.00	18.00
ENSG00000269316	0.00	0.00
ENSG00000269320	0.00	0.00
ENSG00000269332	2.00	1.00
ENSG00000269335	747.50	677.50
ENSG00000269343	103.75	94.00

ENSG00000269345	0.00	0.00
ENSG00000269354	0.00	0.00
ENSG00000269373	0.25	0.00
ENSG00000269374	45.50	59.00
ENSG00000269378	498.50	176.00
ENSG00000269383	0.00	0.00
ENSG00000269385	0.00	0.00
ENSG00000269388	9.00	8.25
ENSG00000269403	5.50	4.00
ENSG00000269404	10.75	8.00
ENSG00000269405	0.00	0.00
ENSG00000269419	0.00	0.00
ENSG00000269421	0.25	0.50
ENSG00000269431	0.00	0.00
ENSG00000269433	0.00	0.25
ENSG00000269437	0.00	0.00
ENSG00000269458	0.00	0.00
ENSG00000269466	0.00	2.50
ENSG00000269469	0.00	0.00
ENSG00000269471	0.00	0.00
ENSG00000269475	0.00	0.00
ENSG00000269476	0.00	0.25
ENSG00000269502	0.00	0.00
ENSG00000269505	0.00	0.00
ENSG00000269509	0.00	0.00
ENSG00000269516	0.00	0.00
ENSG00000269519	0.00	0.00
ENSG00000269526	0.75	0.00
ENSG00000269533	5.00	7.50
ENSG00000269540	0.25	0.25
ENSG00000269546	0.00	0.00
ENSG00000269547	8.25	10.75
ENSG00000269552	0.00	0.00
ENSG00000269556	506.00	571.00
ENSG00000269565	0.00	0.00
ENSG00000269575	0.00	0.00
ENSG00000269576	0.00	0.00
ENSG00000269580	0.00	0.00
ENSG00000269584	0.00	0.00
ENSG00000269586	0.00	0.00
ENSG00000269588	0.00	0.00
ENSG00000269590	0.00	0.00
ENSG00000269608	0.25	0.00

ENSG00000269615	0.25	0.00
ENSG00000269622	0.00	0.00
ENSG00000269637	0.00	0.00
ENSG00000269651	0.00	0.00
ENSG00000269662	0.00	0.00
ENSG00000269678	0.00	0.00
ENSG00000269681	0.00	0.00
ENSG00000269692	0.00	0.00
ENSG00000269693	91.50	66.00
ENSG00000269699	1.50	4.75
ENSG00000269706	0.00	0.00
ENSG00000269711	0.00	0.00
ENSG00000269713	2724.00	2268.50
ENSG00000269721	0.00	0.50
ENSG00000269732	0.00	0.00
ENSG00000269741	0.00	0.00
ENSG00000269742	0.25	0.00
ENSG00000269743	73.25	53.50
ENSG00000269755	5.25	4.25
ENSG00000269761	0.00	0.00
ENSG00000269763	0.00	0.00
ENSG00000269765	0.00	0.00
ENSG00000269776	0.00	0.00
ENSG00000269779	2.00	2.50
ENSG00000269786	0.00	0.00
ENSG00000269787	0.00	0.00
ENSG00000269791	0.00	0.00
ENSG00000269794	3.25	2.00
ENSG00000269800	0.25	0.25
ENSG00000269811	0.00	0.25
ENSG00000269823	1.50	15.25
ENSG00000269833	0.00	0.00
ENSG00000269837	71.25	46.50
ENSG00000269839	0.00	0.00
ENSG00000269845	0.75	1.50
ENSG00000269848	0.00	0.00
ENSG00000269855	0.25	0.00
ENSG00000269858	1616.50	1567.25
ENSG00000269881	53.50	44.25
ENSG00000269885	0.00	0.00
ENSG00000269891	0.00	0.00
ENSG00000269896	39.50	23.75
ENSG00000269897	249.50	187.00

ENSG00000269904	4.50	2.75
ENSG00000269907	3.00	0.75
ENSG00000269948	5.25	2.00
ENSG00000269955	396.00	444.50
ENSG00000269964	0.25	0.00
ENSG00000269981	0.50	0.00
ENSG00000270011	84.25	41.00
ENSG00000270024	10.50	19.00
ENSG00000270025	0.50	0.75
ENSG00000270033	0.00	0.00
ENSG00000270073	0.00	0.00
ENSG00000270098	0.00	0.00
ENSG00000270099	0.50	0.25
ENSG00000270106	5.25	3.00
ENSG00000270136	39.25	52.00
ENSG00000270149	9.50	9.75
ENSG00000270166	0.00	0.00
ENSG00000270168	0.50	0.25
ENSG00000270170	115.25	125.75
ENSG00000270181	501.50	387.75
ENSG00000270185	0.00	0.00
ENSG00000270187	0.00	0.00
ENSG00000270188	1699.00	1681.25
ENSG00000270191	0.00	0.00
ENSG00000270192	0.00	0.00
ENSG00000270193	0.00	0.00
ENSG00000270196	0.00	0.00
ENSG00000270200	0.00	0.00
ENSG00000270202	0.00	0.00
ENSG00000270204	0.00	0.00
ENSG00000270209	0.00	0.00
ENSG00000270218	0.00	0.00
ENSG00000270222	0.00	0.00
ENSG00000270225	0.25	0.00
ENSG00000270226	0.00	0.00
ENSG00000270228	66.00	59.00
ENSG00000270230	0.50	0.75
ENSG00000270231	1069.75	1010.50
ENSG00000270232	0.00	0.00
ENSG00000270234	0.00	0.00
ENSG00000270236	0.25	0.50
ENSG00000270241	0.00	0.00
ENSG00000270242	0.00	0.00

ENSG00000270243	0.00	0.00
ENSG00000270244	0.25	0.00
ENSG00000270248	1.00	0.50
ENSG00000270249	2.75	1.50
ENSG00000270251	0.00	0.00
ENSG00000270252	0.00	0.00
ENSG00000270255	0.00	0.00
ENSG00000270257	2.50	1.00
ENSG00000270258	0.25	0.25
ENSG00000270259	0.00	0.00
ENSG00000270264	2.75	1.00
ENSG00000270268	0.00	0.00
ENSG00000270269	0.25	0.00
ENSG00000270270	0.00	0.00
ENSG00000270273	0.00	0.00
ENSG00000270275	0.00	0.00
ENSG00000270276	128.25	73.75
ENSG00000270280	0.00	0.00
ENSG00000270281	0.00	0.00
ENSG00000270282	0.50	0.00
ENSG00000270285	0.00	0.00
ENSG00000270287	0.00	0.00
ENSG00000270289	0.00	0.00
ENSG00000270292	1.00	0.50
ENSG00000270293	0.00	0.00
ENSG00000270294	0.00	0.00
ENSG00000270296	0.25	0.00
ENSG00000270299	12.50	4.00
ENSG00000270300	2.25	1.75
ENSG00000270301	0.25	0.00
ENSG00000270304	2.75	1.75
ENSG00000270306	0.00	0.00
ENSG00000270307	0.00	0.25
ENSG00000270308	0.00	0.00
ENSG00000270313	0.00	0.00
ENSG00000270314	0.00	0.00
ENSG00000270316	6.00	0.00
ENSG00000270317	0.00	0.00
ENSG00000270318	0.00	0.00
ENSG00000270322	1.00	0.00
ENSG00000270323	0.00	0.00
ENSG00000270324	0.00	0.00
ENSG00000270325	0.00	0.00

ENSG00000270326	0.50	0.00
ENSG00000270328	0.00	0.00
ENSG00000270330	0.00	0.00
ENSG00000270333	0.00	0.00
ENSG00000270335	0.00	0.00
ENSG00000270336	0.00	0.00
ENSG00000270339	0.75	0.00
ENSG00000270342	0.00	0.00
ENSG00000270343	0.00	1.00
ENSG00000270347	0.00	0.00
ENSG00000270350	0.00	0.00
ENSG00000270352	0.25	0.00
ENSG00000270354	0.00	0.00
ENSG00000270356	0.00	0.00
ENSG00000270359	0.00	0.00
ENSG00000270367	1.50	1.00
ENSG00000270369	0.00	0.00
ENSG00000270371	0.00	0.00
ENSG00000270377	0.00	0.00
ENSG00000270378	0.00	0.00
ENSG00000270379	0.25	0.00
ENSG00000270381	0.00	0.00
ENSG00000270382	0.00	0.00
ENSG00000270385	0.25	0.00
ENSG00000270387	0.00	0.25
ENSG00000270388	0.50	0.00
ENSG00000270390	0.00	0.00
ENSG00000270392	250.25	198.75
ENSG00000270393	0.25	0.00
ENSG00000270394	1.50	2.50
ENSG00000270395	0.00	0.00
ENSG00000270397	0.00	0.00
ENSG00000270400	0.00	0.00
ENSG00000270401	0.00	0.00
ENSG00000270402	1.00	0.50
ENSG00000270405	0.00	0.00
ENSG00000270409	4.50	3.00
ENSG00000270411	0.00	0.00
ENSG00000270413	0.00	0.00
ENSG00000270415	0.00	0.00
ENSG00000270416	0.00	0.00
ENSG00000270421	0.00	0.00
ENSG00000270422	0.00	0.00

ENSG00000270423	0.00	0.00
ENSG00000270424	0.75	0.00
ENSG00000270425	0.00	0.00
ENSG00000270427	1.25	1.00
ENSG00000270429	0.50	0.50
ENSG00000270430	0.00	0.00
ENSG00000270431	0.00	0.25
ENSG00000270432	0.00	0.00
ENSG00000270433	7.25	6.75
ENSG00000270434	0.00	0.00
ENSG00000270435	0.00	0.00
ENSG00000270437	0.00	0.00
ENSG00000270440	0.00	0.00
ENSG00000270441	15.75	13.75
ENSG00000270442	0.00	0.00
ENSG00000270443	0.75	0.25
ENSG00000270444	0.00	0.00
ENSG00000270445	0.50	0.25
ENSG00000270446	0.00	0.00
ENSG00000270447	0.00	0.00
ENSG00000270449	0.00	0.00
ENSG00000270450	0.00	0.00
ENSG00000270451	0.00	0.00
ENSG00000270453	0.00	0.00
ENSG00000270455	0.00	0.00
ENSG00000270456	0.00	0.00
ENSG00000270458	0.00	0.00
ENSG00000270467	0.00	0.00
ENSG00000270469	0.50	0.00
ENSG00000270470	0.00	0.00
ENSG00000270472	0.00	0.00
ENSG00000270474	0.00	0.00
ENSG00000270475	0.00	0.25
ENSG00000270477	0.00	0.00
ENSG00000270479	1.25	1.50
ENSG00000270480	0.25	0.25
ENSG00000270484	0.50	0.25
ENSG00000270488	0.00	0.00
ENSG00000270490	4.25	4.00
ENSG00000270491	0.00	0.00
ENSG00000270492	0.75	1.50
ENSG00000270493	0.00	0.00
ENSG00000270494	0.00	0.00

ENSG00000270495	0.00	0.00
ENSG00000270496	0.00	0.00
ENSG00000270497	4.50	3.50
ENSG00000270499	0.25	0.75
ENSG00000270500	0.00	0.00
ENSG00000270503	0.50	0.00
ENSG00000270505	0.00	0.00
ENSG00000270506	0.00	0.00
ENSG00000270507	0.00	0.00
ENSG00000270509	0.00	0.00
ENSG00000270510	2.25	3.00
ENSG00000270512	0.25	0.00
ENSG00000270513	0.00	0.00
ENSG00000270516	0.00	0.00
ENSG00000270518	1.50	1.00
ENSG00000270521	0.00	0.25
ENSG00000270524	0.00	0.00
ENSG00000270526	0.00	0.00
ENSG00000270528	0.75	0.25
ENSG00000270531	0.00	0.00
ENSG00000270532	0.00	0.25
ENSG00000270533	42.75	29.25
ENSG00000270535	0.00	0.00
ENSG00000270538	0.25	0.00
ENSG00000270541	0.00	0.00
ENSG00000270542	0.00	0.00
ENSG00000270549	0.25	0.25
ENSG00000270550	0.00	0.00
ENSG00000270552	0.00	0.00
ENSG00000270553	0.00	0.75
ENSG00000270554	0.00	0.00
ENSG00000270555	0.00	0.00
ENSG00000270558	4.50	5.25
ENSG00000270560	0.00	0.00
ENSG00000270569	0.00	0.00
ENSG00000270570	0.00	0.00
ENSG00000270575	0.00	0.00
ENSG00000270576	0.00	0.00
ENSG00000270577	0.00	0.25
ENSG00000270578	0.50	2.75
ENSG00000270583	0.00	0.00
ENSG00000270584	0.00	0.00
ENSG00000270585	1.75	2.25

ENSG00000270587	4.25	2.50
ENSG00000270588	0.00	0.00
ENSG00000270591	0.50	0.00
ENSG00000270593	0.00	0.00
ENSG00000270598	0.00	0.00
ENSG00000270601	0.00	0.00
ENSG00000270606	0.25	0.25
ENSG00000270610	0.00	0.00
ENSG00000270611	0.00	0.00
ENSG00000270612	0.00	0.00
ENSG00000270614	1.00	1.75
ENSG00000270615	0.00	0.00
ENSG00000270617	11.00	0.00
ENSG00000270618	0.00	0.00
ENSG00000270619	0.00	0.00
ENSG00000270620	0.00	0.00
ENSG00000270623	0.00	0.00
ENSG00000270624	0.00	0.00
ENSG00000270625	0.00	0.00
ENSG00000270627	0.00	0.00
ENSG00000270629	5620.25	4060.25
ENSG00000270631	0.00	0.00
ENSG00000270632	0.25	0.00
ENSG00000270634	0.00	0.00
ENSG00000270639	0.00	0.00
ENSG00000270646	0.00	0.00
ENSG00000270647	1320.00	1412.75
ENSG00000270648	0.00	0.00
ENSG00000270652	0.00	0.00
ENSG00000270654	0.00	0.00
ENSG00000270655	0.00	0.00
ENSG00000270664	0.00	0.00
ENSG00000270665	0.00	0.00
ENSG00000270666	0.25	0.25
ENSG00000270669	0.00	0.00
ENSG00000270670	36.25	30.75
ENSG00000270672	871.50	819.00
ENSG00000270677	0.00	0.00
ENSG00000270678	0.00	0.00
ENSG00000270679	0.00	0.50
ENSG00000270680	0.00	0.00
ENSG00000270682	0.00	0.00
ENSG00000270683	0.00	0.00

ENSG00000270685	0.00	0.00
ENSG00000270688	0.25	0.00
ENSG00000270689	0.50	7.50
ENSG00000270690	0.00	0.75
ENSG00000270691	0.00	0.00
ENSG00000270694	0.00	0.00
ENSG00000270695	0.00	0.00
ENSG00000270698	0.00	0.00
ENSG00000270699	0.00	0.00
ENSG00000270701	0.00	0.00
ENSG00000270702	0.00	0.50
ENSG00000270705	0.00	0.00
ENSG00000270706	0.50	0.00
ENSG00000270708	0.00	0.00
ENSG00000270709	0.00	0.00
ENSG00000270710	0.00	0.00
ENSG00000270711	0.50	0.00
ENSG00000270712	0.00	0.00
ENSG00000270713	0.00	0.00
ENSG00000270714	0.00	0.00
ENSG00000270716	0.75	0.00
ENSG00000270718	0.00	0.00
ENSG00000270719	0.00	0.00
ENSG00000270723	0.00	0.25
ENSG00000270727	0.00	0.00
ENSG00000270728	18.50	17.25
ENSG00000270729	0.00	0.00
ENSG00000270733	0.25	0.00
ENSG00000270734	0.00	0.25
ENSG00000270736	0.00	0.00
ENSG00000270739	0.25	0.50
ENSG00000270741	0.25	0.00
ENSG00000270745	0.00	0.00
ENSG00000270747	0.00	0.00
ENSG00000270748	0.00	0.00
ENSG00000270749	0.00	0.00
ENSG00000270753	0.00	0.00
ENSG00000270754	0.00	0.00
ENSG00000270757	133.50	108.25
ENSG00000270759	0.00	0.00
ENSG00000270762	0.00	0.00
ENSG00000270763	0.00	0.00
ENSG00000270764	0.00	0.00

ENSG00000270765	0.50	2.00
ENSG00000270766	0.00	0.00
ENSG00000270767	0.00	0.00
ENSG00000270771	0.00	0.00
ENSG00000270772	0.00	0.00
ENSG00000270773	1.25	1.50
ENSG00000270775	2.25	0.50
ENSG00000270776	0.00	0.00
ENSG00000270778	0.00	0.00
ENSG00000270779	0.00	0.00
ENSG00000270780	0.00	0.00
ENSG00000270781	1.00	0.00
ENSG00000270782	0.00	0.00
ENSG00000270788	0.00	0.00
ENSG00000270789	0.75	0.00
ENSG00000270790	0.00	0.00
ENSG00000270791	0.00	0.25
ENSG00000270793	0.00	0.00
ENSG00000270794	0.00	0.00
ENSG00000270797	2.00	2.75
ENSG00000270798	0.00	0.00
ENSG00000270799	0.00	0.00
ENSG00000270800	279.25	261.00
ENSG00000270802	0.00	1.25
ENSG00000270804	40.25	26.00
ENSG00000270806	0.00	0.00
ENSG00000270807	0.00	0.00
ENSG00000270808	1.25	1.75
ENSG00000270809	0.00	0.25
ENSG00000270811	0.00	0.00
ENSG00000270812	0.00	0.00
ENSG00000270813	0.25	0.25
ENSG00000270814	0.00	0.00
ENSG00000270815	0.00	0.00
ENSG00000270818	0.00	0.00
ENSG00000270822	0.00	1.50
ENSG00000270824	0.00	0.00
ENSG00000270826	0.00	0.00
ENSG00000270830	0.00	0.00
ENSG00000270831	0.00	0.00
ENSG00000270832	0.25	0.00
ENSG00000270835	0.00	0.00
ENSG00000270837	0.00	0.25

ENSG00000270838	0.00	0.00
ENSG00000270839	0.00	0.00
ENSG00000270842	0.00	0.00
ENSG00000270846	0.00	0.00
ENSG00000270849	0.00	0.00
ENSG00000270850	0.00	0.00
ENSG00000270852	0.00	0.00
ENSG00000270855	0.00	0.00
ENSG00000270856	0.00	0.00
ENSG00000270857	0.00	0.00
ENSG00000270858	0.00	0.00
ENSG00000270859	0.00	0.00
ENSG00000270861	0.00	0.00
ENSG00000270863	1.25	0.75
ENSG00000270864	0.00	0.00
ENSG00000270865	0.00	0.00
ENSG00000270868	0.00	0.00
ENSG00000270870	0.00	0.00
ENSG00000270872	158.25	98.50
ENSG00000270874	0.00	0.25
ENSG00000270878	1.00	0.75
ENSG00000270880	0.00	0.25
ENSG00000270882	61.50	55.75
ENSG00000270885	102.00	217.00
ENSG00000270889	0.00	0.00
ENSG00000270890	9.75	7.00
ENSG00000270891	0.00	0.00
ENSG00000270892	0.00	0.00
ENSG00000270893	0.00	0.00
ENSG00000270896	0.00	0.75
ENSG00000270897	0.00	0.00
ENSG00000270898	0.25	1.00
ENSG00000270900	0.00	0.00
ENSG00000270902	0.00	0.00
ENSG00000270903	4.00	3.25
ENSG00000270904	0.00	0.00
ENSG00000270906	2.00	0.25
ENSG00000270909	1.75	0.50
ENSG00000270911	0.00	0.25
ENSG00000270912	0.00	0.00
ENSG00000270914	0.00	0.00
ENSG00000270915	0.00	0.00
ENSG00000270916	0.00	0.00

ENSG00000270917	1.75	0.75
ENSG00000270920	0.00	0.00
ENSG00000270921	0.00	0.00
ENSG00000270923	4.25	2.25
ENSG00000270924	0.00	0.00
ENSG00000270926	0.25	0.00
ENSG00000270927	0.00	0.00
ENSG00000270929	0.00	0.00
ENSG00000270930	0.00	0.50
ENSG00000270934	0.00	0.00
ENSG00000270935	0.00	0.00
ENSG00000270936	0.00	0.00
ENSG00000270938	3.00	1.25
ENSG00000270941	0.00	0.00
ENSG00000270945	0.00	0.00
ENSG00000270946	0.00	0.00
ENSG00000270948	0.25	0.50
ENSG00000270954	0.00	0.00
ENSG00000270955	0.00	0.00
ENSG00000270957	0.00	0.00
ENSG00000270960	0.00	0.00
ENSG00000270961	0.00	0.00
ENSG00000270962	1.75	3.25
ENSG00000270965	0.00	0.00
ENSG00000270966	0.50	0.25
ENSG00000270969	0.00	0.00
ENSG00000270971	0.00	0.00
ENSG00000270973	0.00	0.00
ENSG00000270975	0.25	0.00
ENSG00000270976	0.00	0.00
ENSG00000270978	0.00	0.00
ENSG00000270980	0.00	0.00
ENSG00000270981	1.25	0.00
ENSG00000270982	0.00	0.00
ENSG00000270983	1.00	2.50
ENSG00000270986	2.75	0.50
ENSG00000270987	0.25	0.25
ENSG00000270989	0.00	0.00
ENSG00000270990	0.00	0.00
ENSG00000270992	0.00	0.00
ENSG00000270993	0.25	0.50
ENSG00000270994	0.00	0.00
ENSG00000270995	0.00	0.00

ENSG00000270997	0.25	0.00
ENSG00000270999	0.00	0.00
ENSG00000271002	1.00	1.00
ENSG00000271003	0.00	0.00
ENSG00000271005	0.00	0.00
ENSG00000271010	2.25	1.25
ENSG00000271013	1.25	1.25
ENSG00000271014	0.00	0.00
ENSG00000271015	0.00	0.00
ENSG00000271018	0.00	0.25
ENSG00000271021	2.25	2.00
ENSG00000271022	0.00	0.00
ENSG00000271024	0.50	0.00
ENSG00000271025	0.00	0.00
ENSG00000271026	0.00	0.00
ENSG00000271027	0.00	0.00
ENSG00000271028	0.00	0.00
ENSG00000271029	0.75	0.00
ENSG00000271034	0.00	0.00
ENSG00000271035	0.00	0.00
ENSG00000271036	0.00	0.00
ENSG00000271041	0.00	0.00
ENSG00000271042	0.00	0.00
ENSG00000271043	1.50	0.75
ENSG00000271044	0.00	0.00
ENSG00000271045	0.00	0.00
ENSG00000271047	0.25	0.00
ENSG00000271048	0.00	0.00
ENSG00000271049	1.75	0.75
ENSG00000271052	0.00	0.00
ENSG00000271053	0.00	0.25
ENSG00000271056	0.00	0.00
ENSG00000271057	0.00	0.25
ENSG00000271063	0.00	0.25
ENSG00000271064	3.25	4.00
ENSG00000271070	0.00	0.00
ENSG00000271071	5.00	2.00
ENSG00000271072	1.25	0.50
ENSG00000271074	0.00	0.00
ENSG00000271075	7.00	6.25
ENSG00000271077	0.00	0.00
ENSG00000271078	0.00	0.00
ENSG00000271079	4.00	4.50

ENSG00000271081	0.25	0.00
ENSG00000271088	0.00	0.00
ENSG00000271092	22.00	28.25
ENSG00000271093	0.00	0.00
ENSG00000271094	0.00	0.00
ENSG00000271095	5.00	3.00
ENSG00000271096	0.00	0.00
ENSG00000271097	0.25	0.00
ENSG00000271098	0.00	0.00
ENSG00000271099	2.00	2.25
ENSG00000271100	0.00	0.00
ENSG00000271101	0.00	0.00
ENSG00000271105	5.25	2.00
ENSG00000271108	0.00	0.00
ENSG00000271111	0.00	0.00
ENSG00000271113	0.00	0.00
ENSG00000271114	0.00	0.00
ENSG00000271115	0.00	0.00
ENSG00000271117	0.00	0.00
ENSG00000271118	0.00	0.00
ENSG00000271121	107.75	155.00
ENSG00000271123	0.00	0.00
ENSG00000271128	0.00	0.00
ENSG00000271129	0.00	0.00
ENSG00000271130	0.00	0.00
ENSG00000271131	0.00	0.00
ENSG00000271134	0.25	1.25
ENSG00000271136	0.00	0.50
ENSG00000271137	0.00	0.00
ENSG00000271138	0.25	0.00
ENSG00000271140	0.00	0.00
ENSG00000271142	0.25	0.00
ENSG00000271143	0.00	0.00
ENSG00000271146	0.25	0.00
ENSG00000271149	0.00	0.00
ENSG00000271150	0.50	0.25
ENSG00000271153	4.50	0.50
ENSG00000271154	0.00	0.00
ENSG00000271157	0.00	0.00
ENSG00000271158	0.00	0.00
ENSG00000271159	0.00	0.00
ENSG00000271161	3.75	6.75
ENSG00000271162	0.00	0.00

ENSG00000271163	0.00	0.00
ENSG00000271164	0.25	0.00
ENSG00000271166	0.00	0.00
ENSG00000271173	0.00	0.00
ENSG00000271174	0.00	0.00
ENSG00000271175	0.00	0.00
ENSG00000271177	0.00	0.00
ENSG00000271178	0.00	0.00
ENSG00000271179	0.00	0.00
ENSG00000271180	0.50	0.25
ENSG00000271181	0.00	0.00
ENSG00000271182	0.00	0.00
ENSG00000271184	0.00	0.00
ENSG00000271187	0.00	0.00
ENSG00000271190	0.00	0.00
ENSG00000271194	0.00	0.00
ENSG00000271195	0.00	0.00
ENSG00000271196	0.00	0.00
ENSG00000271198	0.00	0.50
ENSG00000271202	0.00	0.00
ENSG00000271205	0.00	0.00
ENSG00000271207	1.00	1.75
ENSG00000271209	0.00	0.00
ENSG00000271211	0.00	0.00
ENSG00000271214	0.00	0.00
ENSG00000271215	0.00	0.00
ENSG00000271219	0.00	0.00
ENSG00000271220	0.00	0.00
ENSG00000271222	0.00	0.00
ENSG00000271225	0.25	0.00
ENSG00000271227	0.00	0.00
ENSG00000271230	0.00	0.00
ENSG00000271231	0.00	0.00
ENSG00000271232	0.00	0.00
ENSG00000271235	0.00	0.00
ENSG00000271236	0.25	0.50
ENSG00000271237	0.00	0.00
ENSG00000271238	0.00	0.00
ENSG00000271240	0.00	0.00
ENSG00000271242	0.00	0.00
ENSG00000271243	0.00	0.00
ENSG00000271245	0.00	0.00
ENSG00000271248	0.00	0.00

ENSG00000271249	0.00	0.00
ENSG00000271250	0.00	0.00
ENSG00000271251	0.00	0.00
ENSG00000271253	0.00	0.00
ENSG00000271254	1162.00	618.50
ENSG00000271257	0.00	0.00
ENSG00000271264	0.00	0.00
ENSG00000271266	0.00	0.00
ENSG00000271267	1.75	0.50
ENSG00000271268	0.00	0.00
ENSG00000271269	0.00	0.00
ENSG00000271271	0.00	0.00
ENSG00000271272	0.00	0.00
ENSG00000271275	0.00	0.00
ENSG00000271277	0.00	0.00
ENSG00000271278	0.75	1.00
ENSG00000271283	0.00	0.50
ENSG00000271284	0.00	0.00
ENSG00000271286	0.25	0.25
ENSG00000271287	0.00	0.00
ENSG00000271288	0.00	0.00
ENSG00000271290	0.00	0.00
ENSG00000271291	0.00	0.00
ENSG00000271296	0.00	0.00
ENSG00000271298	0.00	0.00
ENSG00000271299	0.00	0.00
ENSG00000271302	0.00	0.00
ENSG00000271303	1074.75	913.25
ENSG00000271304	0.00	1.00
ENSG00000271306	0.00	0.00
ENSG00000271307	0.00	0.00
ENSG00000271309	0.25	0.00
ENSG00000271313	0.00	0.00
ENSG00000271315	0.00	0.00
ENSG00000271317	0.00	0.00
ENSG00000271318	0.50	1.00
ENSG00000271321	0.25	1.50
ENSG00000271322	0.00	0.00
ENSG00000271328	0.00	0.00
ENSG00000271329	0.00	0.00
ENSG00000271330	0.00	0.00
ENSG00000271332	0.25	0.00
ENSG00000271333	0.00	0.00

ENSG00000271336	0.00	0.00
ENSG00000271337	3.00	0.75
ENSG00000271338	0.00	0.00
ENSG00000271339	0.00	0.00
ENSG00000271340	0.00	0.00
ENSG00000271343	0.00	0.00
ENSG00000271346	0.00	0.00
ENSG00000271349	0.00	0.00
ENSG00000271350	0.00	0.00
ENSG00000271351	0.00	0.00
ENSG00000271353	0.00	0.00
ENSG00000271355	0.00	0.00
ENSG00000271356	0.00	0.00
ENSG00000271357	0.00	0.00
ENSG00000271358	0.00	0.00
ENSG00000271361	2.50	6.50
ENSG00000271362	0.00	0.00
ENSG00000271364	0.00	0.00
ENSG00000271365	0.00	0.00
ENSG00000271368	0.00	0.00
ENSG00000271369	0.50	0.00
ENSG00000271370	0.00	0.00
ENSG00000271373	0.00	0.00
ENSG00000271375	0.00	0.00
ENSG00000271377	0.00	0.00
ENSG00000271378	0.00	0.00
ENSG00000271379	0.00	0.00
ENSG00000271381	0.00	0.00
ENSG00000271383	1927.75	1926.50
ENSG00000271385	0.00	0.00
ENSG00000271386	0.00	0.00
ENSG00000271389	0.00	0.00
ENSG00000271396	2.50	2.50
ENSG00000271397	0.00	0.00
ENSG00000271399	0.00	0.00
ENSG00000271400	0.00	0.00
ENSG00000271402	0.00	0.00
ENSG00000271404	0.25	0.75
ENSG00000271408	0.00	0.00
ENSG00000271410	0.00	0.00
ENSG00000271412	0.00	0.00
ENSG00000271413	0.00	0.00
ENSG00000271414	1.00	0.00

ENSG00000271415	0.25	0.25
ENSG00000271418	0.00	0.00
ENSG00000271419	0.00	0.00
ENSG00000271421	0.00	0.00
ENSG00000271423	0.00	0.00
ENSG00000271424	0.75	0.00
ENSG00000271425	2454.75	1871.00
ENSG00000271426	0.00	0.00
ENSG00000271428	0.75	1.00
ENSG00000271429	0.00	0.00
ENSG00000271433	0.00	0.00
ENSG00000271435	0.25	0.00
ENSG00000271437	0.00	0.00
ENSG00000271439	0.00	0.00
ENSG00000271440	0.00	0.00
ENSG00000271443	0.00	0.00
ENSG00000271447	1.00	2.00
ENSG00000271449	0.00	0.00
ENSG00000271454	0.25	0.00
ENSG00000271455	0.00	0.00
ENSG00000271456	0.00	0.00
ENSG00000271457	0.00	0.00
ENSG00000271459	0.00	0.00
ENSG00000271461	0.25	0.00
ENSG00000271462	0.00	0.00
ENSG00000271464	0.00	0.00
ENSG00000271465	0.00	0.00
ENSG00000271466	0.00	0.00
ENSG00000271468	0.00	0.00
ENSG00000271475	0.00	0.00
ENSG00000271477	0.00	0.00
ENSG00000271480	0.00	0.00
ENSG00000271482	0.00	0.00
ENSG00000271483	0.00	0.00
ENSG00000271484	0.25	0.00
ENSG00000271486	0.00	0.00
ENSG00000271488	0.00	0.00
ENSG00000271490	0.25	0.00
ENSG00000271491	0.00	0.00
ENSG00000271492	0.00	0.00
ENSG00000271494	0.00	0.00
ENSG00000271495	0.00	0.00
ENSG00000271496	0.00	0.00

ENSG00000271498	0.00	0.00
ENSG00000271499	2.50	0.00
ENSG00000271500	0.50	0.25
ENSG00000271502	0.00	0.00
ENSG00000271503	4.75	3.25
ENSG00000271507	0.00	0.00
ENSG00000271508	0.00	0.00
ENSG00000271509	0.00	0.00
ENSG00000271511	0.25	0.75
ENSG00000271519	26.75	20.75
ENSG00000271523	0.00	0.00
ENSG00000271524	0.50	2.00
ENSG00000271525	0.00	0.00
ENSG00000271526	0.00	0.00
ENSG00000271527	0.25	0.00
ENSG00000271530	0.00	0.00
ENSG00000271532	0.50	0.00
ENSG00000271536	0.00	0.00
ENSG00000271537	0.75	0.75
ENSG00000271543	0.25	0.00
ENSG00000271544	0.00	0.00
ENSG00000271546	0.25	0.25
ENSG00000271547	11.50	7.00
ENSG00000271550	1.50	1.50
ENSG00000271557	0.00	0.00
ENSG00000271558	0.00	0.00
ENSG00000271559	0.00	0.00
ENSG00000271560	0.00	0.00
ENSG00000271563	0.00	0.00
ENSG00000271565	0.00	0.00
ENSG00000271567	0.50	0.00
ENSG00000271568	0.00	0.00
ENSG00000271569	0.00	0.00
ENSG00000271573	0.00	0.00
ENSG00000271578	0.00	0.00
ENSG00000271580	3.25	2.50
ENSG00000271581	0.25	1.25
ENSG00000271582	0.00	0.00
ENSG00000271583	0.00	0.00
ENSG00000271585	0.00	0.00
ENSG00000271586	0.00	0.00
ENSG00000271587	0.00	0.00
ENSG00000271588	0.00	0.00

ENSG00000271589	0.00	0.00
ENSG00000271595	0.00	0.00
ENSG00000271596	0.00	0.50
ENSG00000271597	0.00	0.00
ENSG00000271598	0.00	0.00
ENSG00000271600	0.00	0.00
ENSG00000271601	1009.25	963.25
ENSG00000271602	0.00	0.00
ENSG00000271605	63.00	42.00
ENSG00000271606	0.00	0.00
ENSG00000271607	0.50	0.50
ENSG00000271608	0.00	0.00
ENSG00000271609	0.00	0.00
ENSG00000271611	0.00	0.00
ENSG00000271612	0.25	0.00
ENSG00000271615	0.00	0.00
ENSG00000271616	0.00	0.00
ENSG00000271618	0.00	0.00
ENSG00000271620	0.00	0.00
ENSG00000271621	0.00	0.00
ENSG00000271623	0.75	0.25
ENSG00000271624	0.00	0.00
ENSG00000271625	0.00	0.25
ENSG00000271626	0.25	0.00
ENSG00000271627	0.00	0.00
ENSG00000271629	0.00	0.00
ENSG00000271632	0.00	0.00
ENSG00000271635	0.00	0.75
ENSG00000271638	0.00	0.00
ENSG00000271639	0.50	0.75
ENSG00000271642	0.00	0.25
ENSG00000271644	0.00	0.00
ENSG00000271647	1.00	1.50
ENSG00000271650	0.00	0.00
ENSG00000271652	0.00	0.00
ENSG00000271654	0.25	0.00
ENSG00000271655	0.00	0.00
ENSG00000271656	0.00	0.00
ENSG00000271657	0.25	0.50
ENSG00000271660	0.00	0.00
ENSG00000271661	0.00	0.00
ENSG00000271662	0.00	0.00
ENSG00000271664	2.25	2.00

ENSG00000271666	0.00	0.00
ENSG00000271667	0.00	0.00
ENSG00000271671	0.00	0.00
ENSG00000271672	23.25	28.75
ENSG00000271676	0.50	0.00
ENSG00000271677	0.00	0.00
ENSG00000271679	0.00	0.00
ENSG00000271680	0.00	0.25
ENSG00000271681	0.00	0.00
ENSG00000271682	0.00	0.00
ENSG00000271686	0.00	0.00
ENSG00000271687	1.25	0.00
ENSG00000271691	0.00	0.00
ENSG00000271693	0.00	0.00
ENSG00000271696	0.00	0.00
ENSG00000271697	0.25	0.00
ENSG00000271698	1.00	3.00
ENSG00000271699	25.50	15.25
ENSG00000271701	0.00	0.00
ENSG00000271702	0.00	0.00
ENSG00000271704	0.00	0.00
ENSG00000271705	0.00	0.00
ENSG00000271707	0.00	0.00
ENSG00000271710	0.00	0.00
ENSG00000271711	0.50	0.00
ENSG00000271712	0.00	0.00
ENSG00000271723	5.00	3.75
ENSG00000271741	119.25	80.00
ENSG00000271749	1.50	0.75
ENSG00000271779	1.75	0.25
ENSG00000271793	20.25	13.50
ENSG00000271810	5.50	10.50
ENSG00000271890	1.50	0.25
ENSG00000271900	0.00	0.00
ENSG00000271919	0.00	0.00
ENSG00000271934	0.00	0.00
ENSG00000271949	0.00	0.00
ENSG00000271968	0.00	0.00
ENSG00000271974	4.25	1.50
ENSG00000271977	0.50	0.25
ENSG00000271985	0.00	0.00
ENSG00000272000	0.00	0.00
ENSG00000272006	0.00	0.25

ENSG00000272031	72.25	63.00
ENSG00000272047	825.00	773.75
ENSG00000272058	134.00	121.25
ENSG00000272101	14.75	7.50
ENSG00000272104	3.00	8.25
ENSG00000272134	1.25	1.00
ENSG00000272135	0.00	0.00
ENSG00000272150	126.75	101.25
ENSG00000272162	0.00	0.00
ENSG00000272164	0.00	0.00
ENSG00000272196	88.25	144.00
ENSG00000272220	2.75	1.25
ENSG00000272281	12.25	11.25
ENSG00000272295	0.50	1.25
ENSG00000272297	0.00	0.00
ENSG00000272305	6.00	6.25
ENSG00000272311	0.00	0.00
ENSG00000272319	0.00	0.25
ENSG00000272325	1764.50	2250.25
ENSG00000272333	872.75	914.00
ENSG00000272346	0.00	0.00
ENSG00000272383	0.00	0.00
ENSG00000272387	0.00	0.00
ENSG00000272391	1032.25	986.00
ENSG00000272395	0.50	0.00
ENSG00000272398	9.25	2.75
ENSG00000272400	11.25	7.50
ENSG00000272407	0.75	2.25
ENSG00000272410	113.00	66.00
ENSG00000272414	245.75	278.00
ENSG00000272436	0.00	0.00
ENSG00000272442	7.50	4.00
ENSG00000272443	0.00	0.00
ENSG00000272480	0.00	0.00
ENSG00000272494	0.00	0.00
ENSG00000272514	4.75	4.00
ENSG00000272532	0.50	0.00
ENSG00000272546	0.00	0.00
ENSG00000272556	134.25	106.75
ENSG00000272559	0.00	0.00
ENSG00000272569	0.00	0.00
ENSG00000272573	7.00	4.50
ENSG00000272578	354.25	248.00

ENSG00000272595	0.00	0.00
ENSG00000272601	8.25	12.50
ENSG00000272602	124.00	96.00
ENSG00000272603	0.00	0.00
ENSG00000272613	0.00	0.00
ENSG00000272617	93.50	77.75
ENSG00000272634	0.00	0.00
ENSG00000272636	2.00	2.00
ENSG00000272645	233.00	152.00
ENSG00000272647	44.75	43.75
ENSG00000272655	63.75	52.00
ENSG00000272664	0.00	0.00
ENSG00000272670	2.00	2.00
ENSG00000272674	108.75	97.75
ENSG00000272676	0.00	0.00
ENSG00000272685	0.00	0.00
ENSG00000272712	0.00	0.00
ENSG00000272714	0.00	0.00
ENSG00000272718	1.00	0.50
ENSG00000272741	1.75	0.00
ENSG00000272751	0.00	0.00
ENSG00000272765	6.50	4.25
ENSG00000272772	2.50	2.00
ENSG00000272779	228.00	205.50
ENSG00000272803	0.25	0.50
ENSG00000272804	0.00	0.00
ENSG00000272805	1.75	1.00
ENSG00000272813	0.00	0.00
ENSG00000272822	15.25	9.25
ENSG00000272835	56.50	51.75
ENSG00000272837	0.00	0.00
ENSG00000272869	33.75	27.50
ENSG00000272877	0.00	0.00
ENSG00000272882	0.00	0.00
ENSG00000272886	627.75	607.75
ENSG00000272887	49.75	28.25
ENSG00000272896	9.00	7.00
ENSG00000272897	0.00	0.00
ENSG00000272900	0.00	0.00
ENSG00000272901	69.50	52.50
ENSG00000272916	50.25	56.50
ENSG00000272921	81.00	86.25
ENSG00000272937	0.00	0.00

ENSG00000272963	0.00	0.25
ENSG00000272968	5.00	3.50
ENSG00000272987	0.00	0.00
ENSG00000273003	23.25	7.50
ENSG00000273024	5.00	5.25
ENSG00000273025	4.00	4.50
ENSG00000273041	1.00	1.00
ENSG00000273045	2.25	7.25
ENSG00000273047	4.25	2.00
ENSG00000273049	0.25	0.25
ENSG00000273051	0.00	0.00
ENSG00000273079	5.50	1.25
ENSG00000273083	0.00	0.00
ENSG00000273085	0.00	0.00
ENSG00000273086	0.00	0.00
ENSG00000273088	2.75	5.00
ENSG00000273092	1.75	1.75
ENSG00000273111	0.25	0.00
ENSG00000273122	0.00	0.00
ENSG00000273136	648.50	635.75
ENSG00000273144	1.25	1.25
ENSG00000273154	73.00	92.25
ENSG00000273155	1.75	2.50
ENSG00000273167	10.50	3.00
ENSG00000273171	0.00	0.00
ENSG00000273173	131.50	105.25
ENSG00000273194	0.00	0.00
ENSG00000273217	0.00	0.00
ENSG00000273225	0.25	0.00
ENSG00000273228	0.00	0.00
ENSG00000273234	1.75	1.00
ENSG00000273252	0.00	0.00
ENSG00000273255	0.00	0.00
ENSG00000273259	382.75	3441.25
ENSG00000273269	0.00	0.00
ENSG00000273274	26.00	19.50
ENSG00000273286	0.00	0.00
ENSG00000273291	16.50	17.50
ENSG00000273294	15.75	9.50
ENSG00000273323	0.00	0.00
ENSG00000273326	0.00	0.00
ENSG00000273327	3.75	1.50
ENSG00000273330	0.00	0.00

ENSG00000273331	0.50	0.50
ENSG00000273336	1.25	0.25
ENSG00000273340	0.00	0.00
ENSG00000273377	0.25	0.00
ENSG00000273397	119.25	116.00
ENSG00000273398	10.00	2.25
ENSG00000273408	0.25	0.00
ENSG00000273423	1.75	1.25
ENSG00000273431	0.00	0.25
ENSG00000273434	0.00	0.00
ENSG00000273444	0.25	0.00
ENSG00000273457	0.25	0.25
ENSG00000273484	3.00	1.75
ENSG00000273494	282.25	297.50
ENSG00000273495	0.00	0.00
ENSG00000273496	0.50	1.50
ENSG00000273497	0.00	0.00
ENSG00000273498	0.00	0.00
ENSG00000273502	0.00	0.00
ENSG00000273505	0.25	0.00
ENSG00000273506	0.00	0.00
ENSG00000273508	0.00	0.00
ENSG00000273509	1.50	0.50
ENSG00000273510	0.00	0.00
ENSG00000273511	0.25	0.25
ENSG00000273512	0.00	0.00
ENSG00000273513	0.00	0.00
ENSG00000273514	0.25	0.00
ENSG00000273517	0.00	0.00
ENSG00000273518	0.00	0.00
ENSG00000273520	2.50	1.50
ENSG00000273522	0.00	0.00
ENSG00000273526	0.00	0.00
ENSG00000273528	0.00	0.00
ENSG00000273529	0.00	0.00
ENSG00000273533	0.00	0.00
ENSG00000273535	0.25	0.00
ENSG00000273536	0.00	0.00
ENSG00000273539	0.00	0.50
ENSG00000273542	3.00	2.00
ENSG00000273546	0.00	0.00
ENSG00000273547	0.00	0.00
ENSG00000273554	0.00	0.00

ENSG00000273559	231.50	200.25
ENSG00000273562	622.75	451.50
ENSG00000273564	5.75	6.25
ENSG00000273567	0.00	0.00
ENSG00000273569	0.00	0.00
ENSG00000273572	3.50	3.00
ENSG00000273574	48.00	47.75
ENSG00000273575	0.00	0.00
ENSG00000273578	0.00	0.00
ENSG00000273579	4.75	3.75
ENSG00000273580	0.00	0.00
ENSG00000273586	0.00	0.00
ENSG00000273588	0.00	0.00
ENSG00000273589	0.00	0.00
ENSG00000273590	205.25	200.50
ENSG00000273592	177.25	127.50
ENSG00000273594	2200.75	1705.00
ENSG00000273595	0.00	0.25
ENSG00000273597	1.00	0.25
ENSG00000273598	5.75	6.50
ENSG00000273600	0.00	0.00
ENSG00000273603	0.00	0.00
ENSG00000273604	13.50	25.25
ENSG00000273605	0.00	0.00
ENSG00000273607	35.75	32.75
ENSG00000273608	2.00	1.25
ENSG00000273609	0.00	0.00
ENSG00000273611	187.00	153.50
ENSG00000273622	104.50	91.25
ENSG00000273628	2.75	1.50
ENSG00000273633	137.50	101.25
ENSG00000273634	0.00	0.00
ENSG00000273635	0.25	0.00
ENSG00000273640	0.00	0.00
ENSG00000273641	0.00	0.00
ENSG00000273642	46.75	37.50
ENSG00000273643	0.00	0.00
ENSG00000273644	0.00	0.00
ENSG00000273645	11.00	19.75
ENSG00000273651	6.50	3.00
ENSG00000273654	0.25	0.00
ENSG00000273655	0.00	0.00
ENSG00000273656	214.75	148.50

ENSG00000273661	0.00	0.00
ENSG00000273666	0.00	0.00
ENSG00000273668	0.00	0.25
ENSG00000273670	0.00	0.00
ENSG00000273673	9174.75	7976.00
ENSG00000273675	0.00	0.50
ENSG00000273676	0.00	0.00
ENSG00000273679	0.00	0.00
ENSG00000273681	0.25	0.25
ENSG00000273682	1.25	1.50
ENSG00000273686	7459.25	5886.50
ENSG00000273688	0.00	0.00
ENSG00000273692	0.00	0.00
ENSG00000273693	0.00	0.50
ENSG00000273696	0.00	0.00
ENSG00000273698	0.00	0.00
ENSG00000273703	0.00	0.00
ENSG00000273704	0.25	0.00
ENSG00000273706	0.00	0.25
ENSG00000273707	238.00	278.00
ENSG00000273712	0.75	1.50
ENSG00000273713	0.00	0.00
ENSG00000273715	13.75	1.25
ENSG00000273716	0.00	0.00
ENSG00000273719	0.00	0.00
ENSG00000273720	0.00	0.00
ENSG00000273721	0.00	0.25
ENSG00000273722	7.25	3.75
ENSG00000273724	1.25	0.75
ENSG00000273726	0.00	0.00
ENSG00000273731	0.00	0.00
ENSG00000273732	0.25	0.00
ENSG00000273734	5.00	2.00
ENSG00000273735	0.00	0.00
ENSG00000273736	0.00	0.00
ENSG00000273737	0.00	0.00
ENSG00000273738	7.25	5.00
ENSG00000273740	0.00	0.00
ENSG00000273746	0.00	0.00
ENSG00000273748	80.75	68.00
ENSG00000273749	2764.25	2882.00
ENSG00000273753	0.00	0.00
ENSG00000273755	0.00	0.00

ENSG00000273756	0.00	0.00
ENSG00000273761	3863.00	3040.00
ENSG00000273762	0.00	0.00
ENSG00000273763	1.75	1.25
ENSG00000273772	139.75	185.75
ENSG00000273773	0.00	0.00
ENSG00000273775	0.00	0.00
ENSG00000273777	0.00	0.00
ENSG00000273780	566.00	599.00
ENSG00000273785	1.75	2.25
ENSG00000273791	0.00	0.00
ENSG00000273793	30.75	10.25
ENSG00000273794	0.00	0.00
ENSG00000273799	3.00	2.00
ENSG00000273800	0.00	0.00
ENSG00000273802	18.75	9.50
ENSG00000273804	0.00	0.00
ENSG00000273806	0.00	0.00
ENSG00000273807	211.25	259.50
ENSG00000273808	0.75	1.00
ENSG00000273813	0.75	0.25
ENSG00000273814	33.75	21.25
ENSG00000273819	0.00	0.25
ENSG00000273820	64.00	60.25
ENSG00000273822	0.25	0.00
ENSG00000273825	13.25	6.75
ENSG00000273827	0.00	0.00
ENSG00000273831	36.25	17.25
ENSG00000273833	9.50	10.25
ENSG00000273841	229.00	278.00
ENSG00000273843	0.00	0.00
ENSG00000273844	0.00	0.00
ENSG00000273849	0.00	0.00
ENSG00000273850	130.25	88.75
ENSG00000273851	2.00	0.25
ENSG00000273858	0.00	0.00
ENSG00000273859	1.25	1.75
ENSG00000273860	0.00	0.00
ENSG00000273863	0.00	0.00
ENSG00000273864	0.00	0.00
ENSG00000273865	0.00	0.00
ENSG00000273870	0.00	0.00
ENSG00000273872	0.00	0.00

ENSG00000273873	72.75	128.75
ENSG00000273875	0.00	0.00
ENSG00000273876	0.00	0.25
ENSG00000273880	0.00	0.00
ENSG00000273881	0.00	0.00
ENSG00000273883	0.00	0.00
ENSG00000273884	0.00	0.00
ENSG00000273887	0.00	0.00
ENSG00000273889	92.50	102.25
ENSG00000273894	0.00	0.00
ENSG00000273896	0.50	0.75
ENSG00000273897	3.25	6.50
ENSG00000273899	223.00	181.75
ENSG00000273900	0.00	0.00
ENSG00000273907	0.00	0.00
ENSG00000273911	0.00	0.00
ENSG00000273914	0.00	0.25
ENSG00000273916	0.00	0.00
ENSG00000273918	0.00	0.00
ENSG00000273922	0.00	0.00
ENSG00000273931	0.00	0.00
ENSG00000273933	3.50	0.25
ENSG00000273935	0.00	0.00
ENSG00000273936	324.00	240.00
ENSG00000273943	3.75	5.50
ENSG00000273944	9.00	4.00
ENSG00000273947	0.00	0.00
ENSG00000273953	0.00	0.00
ENSG00000273955	0.00	0.00
ENSG00000273957	0.00	0.00
ENSG00000273962	0.00	0.00
ENSG00000273963	0.25	0.75
ENSG00000273969	0.00	0.00
ENSG00000273976	0.25	0.00
ENSG00000273978	0.00	0.00
ENSG00000273983	0.50	0.75
ENSG00000273984	0.50	0.00
ENSG00000273988	0.00	0.00
ENSG00000273991	1.00	0.75
ENSG00000273992	4.25	2.50
ENSG00000273993	1541.00	1180.25
ENSG00000273994	0.00	0.00
ENSG00000273997	0.75	0.75

ENSG00000273999	0.00	0.00
ENSG00000274000	0.25	0.25
ENSG00000274005	1090.75	996.25
ENSG00000274009	0.00	0.00
ENSG00000274010	0.00	0.25
ENSG00000274019	0.75	0.00
ENSG00000274022	0.00	0.00
ENSG00000274024	8.50	5.00
ENSG00000274026	15.00	8.00
ENSG00000274028	0.75	0.00
ENSG00000274033	0.00	0.00
ENSG00000274036	0.00	0.00
ENSG00000274042	12.50	5.25
ENSG00000274047	655.25	394.25
ENSG00000274049	278.00	187.50
ENSG00000274050	0.00	0.00
ENSG00000274052	0.00	0.00
ENSG00000274053	0.00	0.00
ENSG00000274058	0.00	0.25
ENSG00000274063	0.00	0.00
ENSG00000274064	2.00	1.75
ENSG00000274067	0.00	0.00
ENSG00000274068	1.00	0.75
ENSG00000274070	162.00	188.00
ENSG00000274073	9.50	10.25
ENSG00000274078	0.50	0.75
ENSG00000274081	793.25	796.75
ENSG00000274082	0.00	0.00
ENSG00000274084	0.00	0.00
ENSG00000274087	0.00	0.00
ENSG00000274089	0.25	0.25
ENSG00000274099	0.00	0.00
ENSG00000274100	0.00	0.00
ENSG00000274101	0.00	0.00
ENSG00000274102	0.00	0.00
ENSG00000274106	0.00	0.00
ENSG00000274107	0.00	0.75
ENSG00000274108	0.00	0.00
ENSG00000274109	0.00	0.00
ENSG00000274110	2.50	2.50
ENSG00000274112	56.50	51.75
ENSG00000274113	0.00	0.50
ENSG00000274114	9.25	7.25

ENSG00000274116	0.00	0.00
ENSG00000274120	0.00	0.00
ENSG00000274126	0.00	0.00
ENSG00000274129	251.75	238.75
ENSG00000274130	0.00	0.00
ENSG00000274131	0.00	0.00
ENSG00000274133	0.00	0.00
ENSG00000274137	26.25	14.50
ENSG00000274138	0.00	0.00
ENSG00000274143	0.00	0.00
ENSG00000274144	2.50	3.00
ENSG00000274145	68.25	92.75
ENSG00000274146	0.00	0.00
ENSG00000274148	3.25	1.75
ENSG00000274149	0.00	0.00
ENSG00000274150	0.00	0.00
ENSG00000274154	0.00	0.00
ENSG00000274157	0.00	0.00
ENSG00000274161	0.00	0.00
ENSG00000274162	3.25	3.75
ENSG00000274163	0.00	0.00
ENSG00000274165	4.25	2.00
ENSG00000274166	1.75	0.50
ENSG00000274167	0.25	0.00
ENSG00000274174	0.00	0.00
ENSG00000274175	0.00	0.25
ENSG00000274176	3.75	5.50
ENSG00000274178	0.00	0.00
ENSG00000274180	1347.25	1409.75
ENSG00000274181	0.00	0.00
ENSG00000274183	0.25	1.50
ENSG00000274185	0.00	0.00
ENSG00000274189	0.00	0.00
ENSG00000274192	0.00	0.00
ENSG00000274193	0.00	0.00
ENSG00000274194	0.00	0.00
ENSG00000274195	0.00	0.00
ENSG00000274196	0.00	0.00
ENSG00000274205	1.50	1.50
ENSG00000274209	0.25	1.00
ENSG00000274211	293.75	269.25
ENSG00000274212	0.00	0.00
ENSG00000274214	0.00	0.25

ENSG00000274219	0.00	0.00
ENSG00000274221	0.00	0.00
ENSG00000274226	3.50	4.50
ENSG00000274229	65.25	55.00
ENSG00000274231	0.25	0.00
ENSG00000274232	0.00	0.00
ENSG00000274233	4.75	3.25
ENSG00000274235	0.00	0.00
ENSG00000274236	0.00	0.00
ENSG00000274240	0.50	0.50
ENSG00000274242	0.00	0.00
ENSG00000274243	0.00	0.00
ENSG00000274247	0.00	0.00
ENSG00000274252	0.00	0.00
ENSG00000274254	0.00	0.00
ENSG00000274256	0.00	0.00
ENSG00000274267	0.00	0.00
ENSG00000274271	0.00	0.00
ENSG00000274273	0.00	0.00
ENSG00000274274	0.00	0.00
ENSG00000274276	372.75	851.00
ENSG00000274279	0.00	0.00
ENSG00000274282	0.00	0.00
ENSG00000274283	0.00	0.00
ENSG00000274286	0.50	1.00
ENSG00000274287	562.25	500.50
ENSG00000274290	16.25	10.75
ENSG00000274295	0.25	0.00
ENSG00000274296	94.00	108.00
ENSG00000274299	0.75	0.25
ENSG00000274305	290.25	372.25
ENSG00000274308	0.00	0.00
ENSG00000274310	0.00	0.00
ENSG00000274311	0.00	1.00
ENSG00000274316	0.00	0.00
ENSG00000274319	0.00	0.00
ENSG00000274320	147.75	110.25
ENSG00000274322	2.50	3.25
ENSG00000274324	0.00	0.00
ENSG00000274327	0.00	0.00
ENSG00000274328	0.25	0.25
ENSG00000274330	2.50	0.75
ENSG00000274332	33.00	18.25

ENSG00000274334	2287.50	1724.50
ENSG00000274336	140.75	52.00
ENSG00000274338	5.25	3.75
ENSG00000274339	0.00	0.00
ENSG00000274343	0.00	0.00
ENSG00000274345	0.00	0.00
ENSG00000274346	1.00	0.25
ENSG00000274347	0.00	0.00
ENSG00000274348	0.00	0.00
ENSG00000274349	133.00	80.00
ENSG00000274351	1.00	0.25
ENSG00000274352	117.75	106.00
ENSG00000274353	0.00	0.00
ENSG00000274355	0.00	0.00
ENSG00000274356	1.00	0.75
ENSG00000274359	46.75	37.50
ENSG00000274360	0.00	0.00
ENSG00000274365	0.00	0.00
ENSG00000274369	0.00	0.00
ENSG00000274374	0.00	0.00
ENSG00000274376	0.50	0.25
ENSG00000274378	2.25	0.50
ENSG00000274381	0.00	0.00
ENSG00000274382	0.00	0.00
ENSG00000274384	8.75	4.75
ENSG00000274391	2.25	1.50
ENSG00000274392	30.25	16.50
ENSG00000274394	0.00	0.00
ENSG00000274397	0.00	0.00
ENSG00000274398	0.00	0.00
ENSG00000274402	0.00	0.00
ENSG00000274404	2.00	2.00
ENSG00000274405	0.00	0.00
ENSG00000274406	0.00	0.00
ENSG00000274410	0.00	0.00
ENSG00000274412	0.00	0.00
ENSG00000274418	9.00	4.00
ENSG00000274419	51.25	49.25
ENSG00000274423	2.50	5.25
ENSG00000274429	1707.00	1986.50
ENSG00000274437	1.75	1.00
ENSG00000274438	0.00	0.00
ENSG00000274439	0.00	0.00

ENSG00000274442	4027.75	4012.25
ENSG00000274443	6.00	1.25
ENSG00000274445	0.00	0.00
ENSG00000274446	0.00	0.00
ENSG00000274451	0.00	0.00
ENSG00000274455	0.00	0.00
ENSG00000274457	0.00	0.25
ENSG00000274465	0.00	0.00
ENSG00000274468	0.00	0.00
ENSG00000274471	28.00	23.75
ENSG00000274473	1.00	1.25
ENSG00000274474	3509.00	3422.25
ENSG00000274476	0.00	0.00
ENSG00000274480	0.00	0.00
ENSG00000274481	0.00	0.00
ENSG00000274486	0.00	0.00
ENSG00000274487	91.25	91.50
ENSG00000274488	0.00	0.00
ENSG00000274489	0.00	0.00
ENSG00000274493	0.00	0.00
ENSG00000274495	1.25	2.25
ENSG00000274497	0.00	0.00
ENSG00000274498	0.00	0.00
ENSG00000274499	0.00	0.00
ENSG00000274502	0.00	0.00
ENSG00000274503	0.00	0.00
ENSG00000274504	9.00	4.00
ENSG00000274506	0.00	0.00
ENSG00000274511	0.00	0.00
ENSG00000274512	264.25	247.50
ENSG00000274513	0.00	0.00
ENSG00000274517	0.00	0.00
ENSG00000274518	0.00	0.00
ENSG00000274523	916.00	889.75
ENSG00000274525	0.00	0.00
ENSG00000274527	6.00	0.00
ENSG00000274529	0.00	0.25
ENSG00000274532	0.00	0.00
ENSG00000274533	0.00	0.00
ENSG00000274538	35.00	49.25
ENSG00000274540	0.25	0.25
ENSG00000274541	0.00	0.00
ENSG00000274542	0.00	0.00

ENSG00000274545	0.00	0.00
ENSG00000274549	0.00	0.00
ENSG00000274551	0.00	0.00
ENSG00000274553	1.00	0.00
ENSG00000274556	0.00	0.00
ENSG00000274559	0.00	0.00
ENSG00000274562	0.00	0.00
ENSG00000274563	0.00	0.00
ENSG00000274566	0.00	0.00
ENSG00000274567	0.00	0.00
ENSG00000274569	0.25	0.00
ENSG00000274570	7.00	16.00
ENSG00000274571	0.00	0.00
ENSG00000274572	0.00	0.00
ENSG00000274575	0.00	0.00
ENSG00000274576	0.00	0.00
ENSG00000274577	0.25	0.00
ENSG00000274579	0.00	0.00
ENSG00000274580	1.50	1.50
ENSG00000274583	1.00	0.25
ENSG00000274584	0.00	0.00
ENSG00000274587	0.50	1.00
ENSG00000274588	0.00	0.00
ENSG00000274594	0.25	0.00
ENSG00000274599	0.00	0.00
ENSG00000274600	1.00	2.00
ENSG00000274601	0.00	0.00
ENSG00000274602	172.25	160.50
ENSG00000274609	0.00	0.00
ENSG00000274610	0.00	0.00
ENSG00000274611	40.00	45.50
ENSG00000274612	0.00	0.00
ENSG00000274614	0.00	0.25
ENSG00000274615	92.50	60.25
ENSG00000274616	14.50	7.00
ENSG00000274618	0.00	0.00
ENSG00000274619	238.75	240.75
ENSG00000274626	1090.75	996.25
ENSG00000274631	0.00	0.00
ENSG00000274636	975.00	719.50
ENSG00000274637	0.00	0.00
ENSG00000274638	0.00	0.00
ENSG00000274639	0.00	0.00

ENSG00000274641	1.50	0.75
ENSG00000274642	14.00	37.75
ENSG00000274646	173.75	160.00
ENSG00000274649	0.00	0.00
ENSG00000274650	0.00	0.00
ENSG00000274651	2.50	3.00
ENSG00000274658	0.00	0.00
ENSG00000274664	0.00	0.00
ENSG00000274665	0.00	0.00
ENSG00000274666	0.00	0.00
ENSG00000274669	0.00	0.00
ENSG00000274671	12.25	7.50
ENSG00000274672	0.50	0.75
ENSG00000274675	181.50	207.00
ENSG00000274676	0.00	0.00
ENSG00000274679	126.50	94.75
ENSG00000274680	0.00	0.00
ENSG00000274681	0.00	0.50
ENSG00000274684	192.75	176.25
ENSG00000274688	0.00	0.25
ENSG00000274691	0.00	0.00
ENSG00000274692	0.00	0.00
ENSG00000274696	0.00	0.00
ENSG00000274699	0.00	0.00
ENSG00000274700	0.00	0.00
ENSG00000274702	0.00	0.00
ENSG00000274703	0.25	0.25
ENSG00000274707	0.00	0.00
ENSG00000274714	0.00	0.00
ENSG00000274717	0.00	0.00
ENSG00000274722	0.00	0.00
ENSG00000274724	0.00	0.00
ENSG00000274726	996.00	917.00
ENSG00000274727	0.00	0.00
ENSG00000274729	0.00	0.00
ENSG00000274730	0.00	0.00
ENSG00000274733	0.00	0.00
ENSG00000274734	6.00	6.75
ENSG00000274736	0.00	0.00
ENSG00000274739	0.00	0.00
ENSG00000274741	6.00	2.00
ENSG00000274744	0.25	0.00
ENSG00000274746	43.00	33.25

ENSG00000274748	0.00	0.00
ENSG00000274749	0.00	0.00
ENSG00000274750	48.25	52.00
ENSG00000274752	0.25	0.25
ENSG00000274756	2.75	3.50
ENSG00000274763	0.00	0.00
ENSG00000274764	0.00	0.00
ENSG00000274768	139.25	172.25
ENSG00000274775	1.00	0.25
ENSG00000274779	2501.75	2107.50
ENSG00000274780	627.50	541.25
ENSG00000274782	0.00	0.00
ENSG00000274785	0.00	0.00
ENSG00000274786	0.00	0.00
ENSG00000274788	0.00	0.00
ENSG00000274791	0.00	0.00
ENSG00000274792	0.00	0.00
ENSG00000274796	0.50	0.75
ENSG00000274800	0.00	0.00
ENSG00000274801	1.50	0.00
ENSG00000274803	798.00	699.50
ENSG00000274807	0.00	0.00
ENSG00000274808	33.25	28.75
ENSG00000274810	113.25	162.50
ENSG00000274811	317.00	340.75
ENSG00000274813	0.00	0.00
ENSG00000274814	0.00	0.00
ENSG00000274820	0.00	0.00
ENSG00000274821	0.00	0.00
ENSG00000274823	0.00	0.00
ENSG00000274826	0.00	0.00
ENSG00000274829	469.75	449.75
ENSG00000274830	0.00	0.00
ENSG00000274832	0.00	0.00
ENSG00000274835	0.00	0.00
ENSG00000274837	0.00	0.00
ENSG00000274839	0.00	0.00
ENSG00000274842	0.00	0.00
ENSG00000274843	15.50	10.25
ENSG00000274844	0.00	0.00
ENSG00000274846	0.00	0.00
ENSG00000274847	100.25	110.75
ENSG00000274851	0.00	0.00

ENSG00000274853	24.25	43.75
ENSG00000274854	0.00	0.00
ENSG00000274855	0.00	0.00
ENSG00000274857	0.25	0.25
ENSG00000274861	0.00	0.00
ENSG00000274867	0.00	0.00
ENSG00000274869	0.50	0.25
ENSG00000274870	0.00	0.00
ENSG00000274873	0.75	0.00
ENSG00000274874	2.00	1.25
ENSG00000274875	0.00	0.00
ENSG00000274879	0.00	0.00
ENSG00000274881	0.00	0.00
ENSG00000274886	0.00	0.00
ENSG00000274887	0.00	0.00
ENSG00000274889	0.00	0.00
ENSG00000274891	73.75	74.50
ENSG00000274892	0.25	1.25
ENSG00000274894	2.50	3.00
ENSG00000274897	12.25	18.50
ENSG00000274899	0.00	0.00
ENSG00000274901	0.00	0.00
ENSG00000274903	0.00	0.00
ENSG00000274905	0.75	0.00
ENSG00000274911	8.25	3.00
ENSG00000274912	0.00	0.00
ENSG00000274914	1.50	2.00
ENSG00000274916	0.00	0.00
ENSG00000274919	0.00	0.00
ENSG00000274920	0.00	0.00
ENSG00000274921	0.00	0.00
ENSG00000274923	0.00	0.00
ENSG00000274926	0.00	0.00
ENSG00000274927	0.00	0.00
ENSG00000274928	0.00	0.00
ENSG00000274930	0.00	0.00
ENSG00000274933	0.25	1.75
ENSG00000274935	0.00	0.00
ENSG00000274939	45.00	39.50
ENSG00000274941	3.75	5.50
ENSG00000274942	0.00	0.00
ENSG00000274944	2.75	57.75
ENSG00000274945	0.00	0.00

ENSG00000274947	0.00	0.00
ENSG00000274948	0.00	0.00
ENSG00000274950	1674.50	1569.50
ENSG00000274952	0.00	0.00
ENSG00000274953	0.00	0.00
ENSG00000274955	0.00	0.00
ENSG00000274957	0.00	0.00
ENSG00000274958	285.25	360.75
ENSG00000274959	0.00	0.00
ENSG00000274962	0.00	0.00
ENSG00000274965	0.75	0.00
ENSG00000274966	2.00	0.75
ENSG00000274968	0.00	0.00
ENSG00000274970	0.00	0.00
ENSG00000274971	0.00	0.00
ENSG00000274972	0.50	0.50
ENSG00000274973	0.00	0.25
ENSG00000274977	0.00	0.00
ENSG00000274985	217.00	261.50
ENSG00000274997	0.75	0.25
ENSG00000275002	0.00	0.00
ENSG00000275003	223.00	278.25
ENSG00000275004	8.50	5.00
ENSG00000275008	0.00	0.00
ENSG00000275009	0.25	0.00
ENSG00000275011	0.00	0.00
ENSG00000275012	0.00	0.00
ENSG00000275013	0.00	0.00
ENSG00000275015	0.00	0.25
ENSG00000275017	4.75	3.75
ENSG00000275018	81.00	46.75
ENSG00000275019	1.00	2.00
ENSG00000275023	1244.50	1179.00
ENSG00000275026	0.00	0.75
ENSG00000275029	0.00	0.00
ENSG00000275031	1620.25	1195.50
ENSG00000275034	1.00	0.00
ENSG00000275035	1179.25	967.25
ENSG00000275037	0.00	0.00
ENSG00000275038	0.00	0.00
ENSG00000275045	97.50	82.75
ENSG00000275046	0.00	0.00
ENSG00000275047	0.00	0.00

ENSG00000275048	0.00	0.00
ENSG00000275049	0.00	2.50
ENSG00000275050	8.00	5.00
ENSG00000275051	1.50	2.25
ENSG00000275052	1824.00	1608.25
ENSG00000275059	0.00	0.00
ENSG00000275060	0.00	0.00
ENSG00000275061	0.00	0.00
ENSG00000275062	0.00	0.00
ENSG00000275063	0.00	0.00
ENSG00000275064	0.25	0.00
ENSG00000275066	647.25	413.25
ENSG00000275074	203.50	206.00
ENSG00000275075	0.00	0.25
ENSG00000275078	0.00	0.00
ENSG00000275079	812.75	958.25
ENSG00000275080	0.00	0.00
ENSG00000275082	0.00	0.00
ENSG00000275083	0.00	0.00
ENSG00000275086	9.50	10.25
ENSG00000275094	0.00	0.00
ENSG00000275095	1.50	1.75
ENSG00000275099	753.00	712.75
ENSG00000275102	0.00	0.00
ENSG00000275103	0.00	0.00
ENSG00000275111	146.25	117.75
ENSG00000275112	0.00	0.00
ENSG00000275113	0.50	0.00
ENSG00000275115	0.00	0.00
ENSG00000275116	0.50	0.75
ENSG00000275117	2.50	3.00
ENSG00000275118	292.75	332.75
ENSG00000275121	25.75	35.50
ENSG00000275122	0.00	0.00
ENSG00000275123	0.00	0.00
ENSG00000275125	193.25	213.25
ENSG00000275126	0.00	0.00
ENSG00000275129	0.00	0.00
ENSG00000275130	0.00	0.00
ENSG00000275131	750.75	1153.25
ENSG00000275136	0.25	0.00
ENSG00000275138	0.00	0.00
ENSG00000275140	13.25	12.25

ENSG00000275144	0.00	0.00
ENSG00000275145	206.50	178.50
ENSG00000275148	0.00	0.00
ENSG00000275151	0.00	0.00
ENSG00000275152	2.25	2.50
ENSG00000275153	58.00	11.50
ENSG00000275156	0.00	0.50
ENSG00000275157	0.00	0.00
ENSG00000275158	0.00	0.00
ENSG00000275160	28.00	18.00
ENSG00000275163	0.00	0.25
ENSG00000275164	0.00	0.00
ENSG00000275165	0.50	0.75
ENSG00000275170	0.00	0.00
ENSG00000275172	0.00	0.00
ENSG00000275176	479.50	331.25
ENSG00000275181	3.50	0.50
ENSG00000275183	28.75	28.75
ENSG00000275190	0.00	0.00
ENSG00000275193	0.00	0.00
ENSG00000275194	0.00	0.00
ENSG00000275196	0.00	0.00
ENSG00000275199	239.75	168.50
ENSG00000275201	0.00	0.00
ENSG00000275206	0.00	0.00
ENSG00000275211	6.75	3.00
ENSG00000275214	30.50	17.25
ENSG00000275217	0.00	0.25
ENSG00000275221	1.50	2.00
ENSG00000275225	0.00	0.00
ENSG00000275237	0.00	0.00
ENSG00000275243	0.00	0.00
ENSG00000275244	0.00	0.00
ENSG00000275245	0.00	0.00
ENSG00000275246	447.00	738.25
ENSG00000275247	0.00	0.00
ENSG00000275249	0.00	0.00
ENSG00000275250	0.00	0.00
ENSG00000275253	0.00	0.00
ENSG00000275255	0.00	0.00
ENSG00000275256	0.00	0.00
ENSG00000275262	0.00	0.00
ENSG00000275269	0.25	0.00

ENSG00000275272	650.25	561.50
ENSG00000275276	0.00	0.00
ENSG00000275280	0.00	0.00
ENSG00000275282	1.25	0.25
ENSG00000275288	0.00	0.00
ENSG00000275289	0.00	0.00
ENSG00000275290	0.25	0.25
ENSG00000275295	0.00	0.00
ENSG00000275296	0.00	0.00
ENSG00000275300	5.50	7.25
ENSG00000275302	0.00	0.00
ENSG00000275306	0.00	0.00
ENSG00000275310	0.00	0.00
ENSG00000275312	0.00	0.25
ENSG00000275313	0.00	0.00
ENSG00000275314	0.00	0.00
ENSG00000275315	0.00	0.00
ENSG00000275316	0.00	0.00
ENSG00000275317	0.00	0.00
ENSG00000275318	8.25	5.00
ENSG00000275320	0.00	0.00
ENSG00000275321	0.25	0.00
ENSG00000275323	1090.75	996.25
ENSG00000275325	2.25	2.25
ENSG00000275326	8.25	16.75
ENSG00000275328	0.50	0.50
ENSG00000275330	0.00	0.00
ENSG00000275331	88.50	49.75
ENSG00000275333	590.25	553.00
ENSG00000275336	0.00	0.00
ENSG00000275338	885.00	1159.75
ENSG00000275339	0.25	1.00
ENSG00000275340	2.75	1.50
ENSG00000275342	186.50	166.50
ENSG00000275346	0.00	0.00
ENSG00000275347	0.00	0.00
ENSG00000275348	0.00	0.00
ENSG00000275349	10.75	16.75
ENSG00000275350	0.00	0.00
ENSG00000275351	0.00	0.00
ENSG00000275352	0.00	0.00
ENSG00000275353	0.00	0.00
ENSG00000275356	0.00	0.00

ENSG00000275361	0.00	0.00
ENSG00000275363	0.00	0.00
ENSG00000275365	175.00	108.25
ENSG00000275368	26.00	24.50
ENSG00000275374	0.50	0.25
ENSG00000275379	0.00	0.25
ENSG00000275381	1.25	0.50
ENSG00000275384	0.00	0.00
ENSG00000275385	0.00	0.00
ENSG00000275386	0.00	0.00
ENSG00000275387	0.00	0.00
ENSG00000275395	9.00	4.75
ENSG00000275396	0.00	0.25
ENSG00000275397	22.50	22.25
ENSG00000275399	0.00	0.00
ENSG00000275400	53.00	49.00
ENSG00000275404	0.25	0.00
ENSG00000275406	0.00	0.00
ENSG00000275407	0.00	0.00
ENSG00000275410	0.75	0.25
ENSG00000275416	0.00	0.00
ENSG00000275419	0.00	0.00
ENSG00000275421	0.00	0.00
ENSG00000275422	0.00	0.00
ENSG00000275423	0.00	0.00
ENSG00000275428	0.75	0.75
ENSG00000275430	14.75	7.00
ENSG00000275432	0.00	0.00
ENSG00000275433	0.00	0.00
ENSG00000275434	0.00	0.00
ENSG00000275436	0.00	0.00
ENSG00000275442	0.00	0.00
ENSG00000275444	0.00	0.00
ENSG00000275448	0.00	0.00
ENSG00000275452	0.00	0.00
ENSG00000275456	0.00	0.00
ENSG00000275461	0.00	0.00
ENSG00000275462	0.00	0.00
ENSG00000275463	0.25	0.00
ENSG00000275464	211.75	223.25
ENSG00000275468	1.25	0.75
ENSG00000275474	9.00	4.00
ENSG00000275475	0.00	0.00

ENSG00000275480	0.00	0.00
ENSG00000275482	855.50	1942.25
ENSG00000275483	0.00	0.00
ENSG00000275486	0.00	0.00
ENSG00000275488	0.00	0.00
ENSG00000275489	0.00	0.25
ENSG00000275490	0.00	0.00
ENSG00000275493	0.00	0.00
ENSG00000275495	74.50	45.50
ENSG00000275497	0.00	0.00
ENSG00000275498	604.50	524.50
ENSG00000275499	0.00	0.00
ENSG00000275500	0.00	0.00
ENSG00000275501	4.50	2.25
ENSG00000275503	0.00	0.00
ENSG00000275506	0.00	0.50
ENSG00000275508	0.00	0.00
ENSG00000275511	0.00	0.00
ENSG00000275513	0.00	0.00
ENSG00000275515	0.00	0.00
ENSG00000275517	0.00	0.00
ENSG00000275521	0.00	0.00
ENSG00000275522	0.00	0.00
ENSG00000275525	0.00	0.25
ENSG00000275528	0.00	0.25
ENSG00000275539	2.25	0.75
ENSG00000275540	2.75	1.00
ENSG00000275543	11.00	0.00
ENSG00000275544	31.25	59.00
ENSG00000275545	0.00	0.00
ENSG00000275546	0.00	0.00
ENSG00000275547	0.00	0.00
ENSG00000275550	0.00	0.00
ENSG00000275551	0.25	0.25
ENSG00000275553	0.50	0.00
ENSG00000275555	129.50	87.50
ENSG00000275562	0.25	0.00
ENSG00000275564	0.50	0.50
ENSG00000275565	0.00	0.25
ENSG00000275566	0.00	0.00
ENSG00000275568	6.75	10.25
ENSG00000275571	26.00	18.00
ENSG00000275572	0.00	0.75

ENSG00000275575	18.50	13.75
ENSG00000275577	0.00	0.00
ENSG00000275578	0.00	0.00
ENSG00000275581	82.00	69.75
ENSG00000275583	0.00	0.00
ENSG00000275584	0.00	0.00
ENSG00000275591	13.00	10.75
ENSG00000275592	0.00	0.00
ENSG00000275593	0.00	0.00
ENSG00000275594	18.00	28.75
ENSG00000275596	0.00	0.00
ENSG00000275597	1.00	0.50
ENSG00000275598	0.00	0.00
ENSG00000275599	0.00	0.00
ENSG00000275600	50.00	51.00
ENSG00000275605	46.75	37.50
ENSG00000275606	0.00	0.00
ENSG00000275607	0.25	0.00
ENSG00000275608	0.00	0.00
ENSG00000275609	0.00	0.25
ENSG00000275610	0.00	0.00
ENSG00000275614	0.00	0.00
ENSG00000275617	0.00	0.00
ENSG00000275618	651.25	618.00
ENSG00000275619	38.75	37.25
ENSG00000275621	17.00	14.75
ENSG00000275623	0.00	0.00
ENSG00000275624	0.50	1.00
ENSG00000275626	0.00	0.00
ENSG00000275629	0.00	0.00
ENSG00000275633	0.00	0.00
ENSG00000275637	0.00	0.00
ENSG00000275641	0.25	0.00
ENSG00000275643	0.00	0.00
ENSG00000275644	0.25	0.25
ENSG00000275647	0.00	0.00
ENSG00000275650	0.00	1.25
ENSG00000275654	0.00	0.00
ENSG00000275658	0.25	0.00
ENSG00000275659	0.00	0.00
ENSG00000275663	0.00	0.00
ENSG00000275674	1.00	0.25
ENSG00000275675	0.00	0.00

ENSG00000275679	0.25	0.50
ENSG00000275681	0.00	0.00
ENSG00000275688	0.00	0.00
ENSG00000275691	0.00	0.00
ENSG00000275695	8.25	9.75
ENSG00000275699	0.00	0.00
ENSG00000275700	359.00	392.50
ENSG00000275713	7.00	4.00
ENSG00000275714	0.00	0.00
ENSG00000275716	0.00	0.00
ENSG00000275717	0.00	0.00
ENSG00000275718	0.50	0.75
ENSG00000275722	0.00	0.00
ENSG00000275723	194.00	149.00
ENSG00000275724	46.75	37.50
ENSG00000275725	0.00	0.00
ENSG00000275730	0.00	0.00
ENSG00000275731	0.00	0.00
ENSG00000275732	0.00	0.00
ENSG00000275733	0.00	0.00
ENSG00000275735	0.00	0.00
ENSG00000275736	12.50	6.75
ENSG00000275737	0.00	0.00
ENSG00000275740	138.25	129.00
ENSG00000275743	0.25	0.00
ENSG00000275744	123.50	81.50
ENSG00000275746	998.75	1889.25
ENSG00000275747	0.00	0.00
ENSG00000275748	19.50	13.75
ENSG00000275750	0.00	0.00
ENSG00000275751	0.00	0.00
ENSG00000275754	0.00	0.00
ENSG00000275756	1.25	2.00
ENSG00000275758	25.25	33.25
ENSG00000275760	0.00	0.00
ENSG00000275767	0.50	0.00
ENSG00000275768	0.00	0.00
ENSG00000275771	0.00	0.00
ENSG00000275772	0.00	0.00
ENSG00000275774	0.00	0.00
ENSG00000275777	0.50	0.00
ENSG00000275778	17.25	4.50
ENSG00000275779	511.25	505.50

ENSG00000275785	0.00	0.00
ENSG00000275786	0.00	0.00
ENSG00000275787	0.00	0.00
ENSG00000275791	0.50	1.75
ENSG00000275793	11.25	13.00
ENSG00000275794	0.00	0.00
ENSG00000275795	0.00	0.00
ENSG00000275796	0.00	0.00
ENSG00000275798	0.00	0.00
ENSG00000275800	0.00	0.00
ENSG00000275801	0.00	0.00
ENSG00000275806	0.00	0.00
ENSG00000275811	0.00	0.00
ENSG00000275815	0.00	0.00
ENSG00000275819	0.00	0.00
ENSG00000275821	0.25	0.25
ENSG00000275822	0.00	0.00
ENSG00000275824	0.00	0.00
ENSG00000275826	0.00	0.00
ENSG00000275827	0.00	0.00
ENSG00000275828	0.00	0.00
ENSG00000275832	2204.00	2275.25
ENSG00000275833	1.75	0.25
ENSG00000275834	0.00	0.00
ENSG00000275835	387.25	342.75
ENSG00000275837	500.50	392.50
ENSG00000275838	0.00	0.00
ENSG00000275839	0.00	0.25
ENSG00000275841	0.00	0.00
ENSG00000275843	0.00	0.00
ENSG00000275848	0.00	0.00
ENSG00000275851	1244.50	1179.00
ENSG00000275855	0.00	0.00
ENSG00000275860	0.00	0.00
ENSG00000275861	7.25	9.25
ENSG00000275862	0.00	0.00
ENSG00000275865	1.00	0.75
ENSG00000275866	0.00	0.00
ENSG00000275867	91.75	90.25
ENSG00000275869	0.75	0.00
ENSG00000275873	5.00	6.00
ENSG00000275875	0.25	0.00
ENSG00000275882	131.75	151.25

ENSG00000275885	418.50	382.25
ENSG00000275887	0.00	0.00
ENSG00000275895	509.00	605.50
ENSG00000275896	0.00	0.00
ENSG00000275903	441.50	430.50
ENSG00000275905	0.00	0.25
ENSG00000275906	0.00	0.00
ENSG00000275911	162.75	183.25
ENSG00000275914	0.00	0.00
ENSG00000275917	12.25	11.25
ENSG00000275918	0.00	0.00
ENSG00000275919	0.00	0.00
ENSG00000275920	0.00	0.25
ENSG00000275921	0.00	0.00
ENSG00000275928	0.00	0.00
ENSG00000275929	0.00	0.00
ENSG00000275931	0.00	0.00
ENSG00000275932	605.75	753.50
ENSG00000275935	11.25	8.00
ENSG00000275937	0.00	0.25
ENSG00000275938	0.00	0.00
ENSG00000275940	0.00	0.25
ENSG00000275945	0.00	0.25
ENSG00000275946	0.00	0.00
ENSG00000275947	44.75	41.00
ENSG00000275949	253.50	250.00
ENSG00000275951	0.00	0.00
ENSG00000275953	0.25	0.00
ENSG00000275954	0.00	0.00
ENSG00000275956	0.50	1.25
ENSG00000275959	0.00	0.00
ENSG00000275960	0.00	0.00
ENSG00000275962	0.00	0.00
ENSG00000275969	0.00	0.00
ENSG00000275970	0.25	0.00
ENSG00000275974	0.00	0.00
ENSG00000275976	7.00	3.50
ENSG00000275979	3.75	5.50
ENSG00000275980	0.00	0.00
ENSG00000275984	0.00	0.00
ENSG00000275985	0.00	0.00
ENSG00000275989	0.00	0.00
ENSG00000275990	0.00	0.00

ENSG00000275993	31.00	63.25
ENSG00000275997	0.00	0.00
ENSG00000276001	0.00	0.00
ENSG00000276004	0.00	0.00
ENSG00000276005	0.50	0.50
ENSG00000276006	0.00	0.00
ENSG00000276011	0.00	0.00
ENSG00000276013	0.00	0.00
ENSG00000276016	2842.50	1855.00
ENSG00000276017	0.00	0.75
ENSG00000276021	60.25	78.00
ENSG00000276022	9.50	10.25
ENSG00000276023	12.75	36.50
ENSG00000276025	0.00	0.00
ENSG00000276032	3.25	3.00
ENSG00000276033	13.00	11.75
ENSG00000276035	0.00	0.00
ENSG00000276039	0.00	0.00
ENSG00000276040	0.50	1.00
ENSG00000276041	0.00	0.00
ENSG00000276042	0.00	0.25
ENSG00000276043	118.00	81.75
ENSG00000276044	0.00	0.00
ENSG00000276045	248.75	207.50
ENSG00000276046	0.00	0.00
ENSG00000276050	0.00	0.00
ENSG00000276051	0.00	0.00
ENSG00000276053	1.00	0.25
ENSG00000276058	0.25	0.50
ENSG00000276060	0.00	0.00
ENSG00000276061	50.75	39.25
ENSG00000276064	0.00	0.00
ENSG00000276065	0.00	0.00
ENSG00000276066	0.00	0.00
ENSG00000276067	0.50	0.00
ENSG00000276068	90.00	61.75
ENSG00000276070	0.00	0.00
ENSG00000276072	359.00	392.50
ENSG00000276076	0.00	0.00
ENSG00000276082	3.75	5.50
ENSG00000276084	0.00	0.00
ENSG00000276085	0.00	0.00
ENSG00000276086	0.00	0.00

ENSG00000276087	5.50	7.00
ENSG00000276098	0.00	0.00
ENSG00000276099	0.00	0.00
ENSG00000276109	0.00	0.00
ENSG00000276111	323.50	181.25
ENSG00000276114	0.00	0.00
ENSG00000276118	0.00	0.00
ENSG00000276119	0.00	0.00
ENSG00000276125	0.00	0.00
ENSG00000276126	1.50	0.75
ENSG00000276127	0.50	0.75
ENSG00000276130	84.25	154.00
ENSG00000276135	0.00	0.00
ENSG00000276139	0.00	0.00
ENSG00000276141	138.50	184.75
ENSG00000276143	0.25	0.25
ENSG00000276145	0.00	0.00
ENSG00000276146	0.00	0.00
ENSG00000276149	0.00	0.00
ENSG00000276154	0.00	0.00
ENSG00000276155	16.75	8.75
ENSG00000276156	0.00	0.00
ENSG00000276159	0.00	0.00
ENSG00000276160	0.00	0.00
ENSG00000276163	0.50	0.75
ENSG00000276164	0.00	0.00
ENSG00000276167	0.00	0.25
ENSG00000276172	0.00	0.00
ENSG00000276173	0.00	0.00
ENSG00000276175	0.00	0.00
ENSG00000276177	0.00	0.00
ENSG00000276180	117.50	110.00
ENSG00000276184	7.00	7.25
ENSG00000276187	219.75	191.50
ENSG00000276191	0.00	0.00
ENSG00000276192	0.00	0.00
ENSG00000276194	0.75	0.75
ENSG00000276196	0.00	0.00
ENSG00000276203	14.25	13.00
ENSG00000276204	3.00	3.00
ENSG00000276205	0.00	0.00
ENSG00000276206	0.00	0.00
ENSG00000276208	0.00	0.00

ENSG00000276209	0.00	0.00
ENSG00000276211	0.00	0.00
ENSG00000276212	0.00	0.00
ENSG00000276214	0.00	0.00
ENSG00000276217	1.25	1.25
ENSG00000276218	0.00	0.00
ENSG00000276219	1.25	0.50
ENSG00000276220	46.75	37.50
ENSG00000276228	3.25	4.25
ENSG00000276230	2519.50	2465.00
ENSG00000276231	0.00	0.00
ENSG00000276234	240.50	238.75
ENSG00000276238	0.00	0.00
ENSG00000276240	0.00	0.00
ENSG00000276243	0.00	0.00
ENSG00000276247	0.00	0.00
ENSG00000276253	0.00	0.00
ENSG00000276254	0.00	0.00
ENSG00000276256	190.00	178.50
ENSG00000276257	0.00	0.00
ENSG00000276258	0.00	0.00
ENSG00000276260	0.75	0.00
ENSG00000276262	530.00	461.50
ENSG00000276263	9.50	10.25
ENSG00000276276	81.25	61.75
ENSG00000276277	0.00	0.00
ENSG00000276279	0.00	0.00
ENSG00000276286	0.00	0.00
ENSG00000276289	8.50	10.00
ENSG00000276290	0.00	0.25
ENSG00000276291	292.00	278.75
ENSG00000276293	1271.50	1112.75
ENSG00000276294	0.00	0.00
ENSG00000276296	9.50	10.25
ENSG00000276298	0.50	0.00
ENSG00000276299	0.00	0.25
ENSG00000276302	5.25	1.50
ENSG00000276306	0.00	0.00
ENSG00000276307	0.00	0.00
ENSG00000276310	0.00	0.00
ENSG00000276316	0.00	0.00
ENSG00000276318	0.00	0.00
ENSG00000276323	9.50	10.25

ENSG00000276324	0.00	0.00
ENSG00000276327	0.00	0.00
ENSG00000276328	0.00	0.00
ENSG00000276329	0.00	0.00
ENSG00000276332	0.00	0.00
ENSG00000276333	0.00	0.00
ENSG00000276336	10.50	21.50
ENSG00000276340	602.50	389.50
ENSG00000276341	9.00	4.00
ENSG00000276342	0.00	0.75
ENSG00000276345	0.00	0.00
ENSG00000276349	0.00	0.00
ENSG00000276354	0.75	1.50
ENSG00000276355	0.00	0.00
ENSG00000276357	0.00	0.00
ENSG00000276358	619.75	505.00
ENSG00000276362	0.00	0.00
ENSG00000276363	0.00	0.00
ENSG00000276368	0.00	0.50
ENSG00000276370	0.00	0.00
ENSG00000276371	55.50	69.75
ENSG00000276374	0.00	0.00
ENSG00000276375	2.50	0.50
ENSG00000276378	0.00	0.00
ENSG00000276379	0.00	0.00
ENSG00000276380	0.00	0.00
ENSG00000276385	0.00	0.00
ENSG00000276386	8.00	11.25
ENSG00000276387	0.00	0.00
ENSG00000276388	0.00	0.00
ENSG00000276391	0.75	0.75
ENSG00000276392	0.00	0.00
ENSG00000276393	0.00	0.00
ENSG00000276395	0.50	0.00
ENSG00000276400	0.00	0.00
ENSG00000276405	1.75	1.25
ENSG00000276409	0.00	0.00
ENSG00000276410	0.25	0.25
ENSG00000276412	0.00	0.25
ENSG00000276413	0.25	0.00
ENSG00000276416	9.25	6.75
ENSG00000276418	0.00	0.75
ENSG00000276420	0.00	0.00

ENSG00000276421	2.50	3.00
ENSG00000276423	0.00	0.00
ENSG00000276424	0.00	0.00
ENSG00000276425	0.00	0.00
ENSG00000276427	0.00	0.00
ENSG00000276428	0.00	0.00
ENSG00000276429	0.75	1.00
ENSG00000276430	0.00	0.00
ENSG00000276431	0.00	0.00
ENSG00000276432	1.25	1.00
ENSG00000276433	0.00	0.00
ENSG00000276438	7.50	9.75
ENSG00000276447	0.00	0.00
ENSG00000276450	0.00	0.00
ENSG00000276451	0.00	0.00
ENSG00000276452	7.25	3.75
ENSG00000276455	0.00	0.00
ENSG00000276457	0.00	0.00
ENSG00000276458	118.75	106.75
ENSG00000276459	0.00	0.00
ENSG00000276460	0.00	0.00
ENSG00000276461	124.25	97.00
ENSG00000276463	245.00	307.25
ENSG00000276464	117.00	91.00
ENSG00000276465	0.00	0.00
ENSG00000276466	0.00	0.00
ENSG00000276467	0.00	0.00
ENSG00000276468	0.00	0.00
ENSG00000276469	0.25	1.75
ENSG00000276474	0.00	0.00
ENSG00000276475	0.00	0.00
ENSG00000276478	0.00	0.00
ENSG00000276480	84.75	116.25
ENSG00000276482	298.25	275.75
ENSG00000276484	0.00	0.25
ENSG00000276485	0.00	0.00
ENSG00000276486	0.00	0.00
ENSG00000276490	0.25	1.00
ENSG00000276491	0.00	0.00
ENSG00000276495	73.50	77.00
ENSG00000276497	160.75	132.50
ENSG00000276498	0.00	0.00
ENSG00000276501	0.00	0.00

ENSG00000276503	0.00	0.00
ENSG00000276504	48.50	41.25
ENSG00000276507	0.00	0.00
ENSG00000276512	0.00	0.00
ENSG00000276518	0.00	0.00
ENSG00000276520	0.00	0.00
ENSG00000276521	0.00	0.00
ENSG00000276526	0.00	0.00
ENSG00000276531	0.00	0.00
ENSG00000276534	0.00	0.00
ENSG00000276535	0.00	0.00
ENSG00000276536	169.25	204.25
ENSG00000276537	2.00	0.75
ENSG00000276538	0.00	0.00
ENSG00000276539	0.00	0.00
ENSG00000276540	0.00	0.00
ENSG00000276541	10.25	9.50
ENSG00000276545	5.25	2.50
ENSG00000276547	1186.75	980.75
ENSG00000276548	0.00	0.00
ENSG00000276550	1983.75	1879.00
ENSG00000276551	0.00	0.00
ENSG00000276556	0.00	0.00
ENSG00000276557	0.00	0.00
ENSG00000276559	0.00	0.00
ENSG00000276561	87.50	90.00
ENSG00000276563	0.25	0.00
ENSG00000276565	4.25	2.00
ENSG00000276566	0.00	0.00
ENSG00000276569	4.75	2.25
ENSG00000276572	0.00	0.00
ENSG00000276576	0.00	0.25
ENSG00000276578	49.50	37.00
ENSG00000276581	0.00	0.00
ENSG00000276582	0.00	0.00
ENSG00000276583	4.50	2.25
ENSG00000276586	0.00	0.00
ENSG00000276590	0.00	0.00
ENSG00000276591	0.25	0.00
ENSG00000276592	2.75	1.75
ENSG00000276595	0.00	0.00
ENSG00000276597	0.00	0.00
ENSG00000276600	509.00	139.00

ENSG00000276604	0.00	0.00
ENSG00000276605	0.00	0.00
ENSG00000276612	5.00	4.75
ENSG00000276613	0.50	0.00
ENSG00000276615	6.75	3.75
ENSG00000276616	0.50	0.25
ENSG00000276618	159.25	155.25
ENSG00000276620	0.25	0.00
ENSG00000276623	0.00	0.00
ENSG00000276625	0.00	0.00
ENSG00000276628	11.25	8.00
ENSG00000276632	0.00	0.00
ENSG00000276634	0.00	0.00
ENSG00000276636	0.00	0.00
ENSG00000276637	0.00	0.00
ENSG00000276644	4.75	1.00
ENSG00000276647	0.00	0.00
ENSG00000276650	0.00	0.00
ENSG00000276657	61.00	73.50
ENSG00000276662	0.50	0.25
ENSG00000276667	0.00	0.00
ENSG00000276674	0.25	0.00
ENSG00000276676	0.00	0.00
ENSG00000276681	914.50	999.50
ENSG00000276684	53.25	64.25
ENSG00000276686	0.00	0.00
ENSG00000276689	0.00	0.00
ENSG00000276692	0.00	0.00
ENSG00000276699	0.00	0.00
ENSG00000276701	1310.25	1390.50
ENSG00000276703	0.00	0.00
ENSG00000276708	0.00	0.00
ENSG00000276709	156.75	141.25
ENSG00000276710	83.25	44.25
ENSG00000276715	0.25	0.25
ENSG00000276717	0.25	0.00
ENSG00000276720	1.75	1.75
ENSG00000276721	0.00	0.25
ENSG00000276725	1069.75	756.50
ENSG00000276726	382.75	323.75
ENSG00000276731	0.00	0.00
ENSG00000276734	2.00	1.50
ENSG00000276738	0.00	0.00

ENSG00000276739	0.00	0.00
ENSG00000276747	0.00	0.00
ENSG00000276755	0.00	0.00
ENSG00000276756	1.50	2.50
ENSG00000276758	0.00	0.00
ENSG00000276760	0.00	0.00
ENSG00000276761	231.50	200.25
ENSG00000276763	0.00	0.25
ENSG00000276766	46.75	37.50
ENSG00000276774	11.25	8.00
ENSG00000276775	0.00	0.00
ENSG00000276776	13.00	17.75
ENSG00000276777	0.50	0.25
ENSG00000276779	0.00	0.00
ENSG00000276780	3.25	9.25
ENSG00000276781	0.50	0.00
ENSG00000276785	0.00	0.00
ENSG00000276787	297.50	232.25
ENSG00000276789	0.00	0.00
ENSG00000276794	12.25	7.25
ENSG00000276795	0.00	0.00
ENSG00000276798	0.00	0.00
ENSG00000276799	2.00	0.50
ENSG00000276802	739.00	798.50
ENSG00000276804	0.00	0.00
ENSG00000276805	117.25	107.50
ENSG00000276806	0.00	0.00
ENSG00000276808	0.00	0.00
ENSG00000276810	0.00	0.00
ENSG00000276816	0.00	0.00
ENSG00000276819	0.00	0.00
ENSG00000276820	0.00	0.00
ENSG00000276821	0.00	0.00
ENSG00000276822	8.00	8.75
ENSG00000276825	3.75	2.50
ENSG00000276826	9.00	4.00
ENSG00000276828	0.00	0.00
ENSG00000276829	0.00	0.00
ENSG00000276832	0.00	0.00
ENSG00000276833	1300.50	1408.25
ENSG00000276836	47.25	35.50
ENSG00000276838	2.25	2.25
ENSG00000276840	17.75	12.25

ENSG00000276841	0.00	0.00
ENSG00000276845	0.00	0.00
ENSG00000276848	6.50	5.25
ENSG00000276849	22.00	23.25
ENSG00000276856	47.00	37.25
ENSG00000276858	0.25	0.00
ENSG00000276868	1.25	0.75
ENSG00000276870	2.25	2.25
ENSG00000276872	0.00	0.00
ENSG00000276875	0.00	0.00
ENSG00000276876	0.00	0.25
ENSG00000276879	356.50	287.00
ENSG00000276880	87.50	83.50
ENSG00000276882	0.00	0.00
ENSG00000276885	0.00	0.00
ENSG00000276886	113750.50	93540.25
ENSG00000276887	7.00	13.50
ENSG00000276892	0.00	0.00
ENSG00000276894	0.00	0.00
ENSG00000276896	0.75	0.50
ENSG00000276897	0.00	0.00
ENSG00000276903	0.25	0.25
ENSG00000276904	0.00	0.00
ENSG00000276906	0.00	0.00
ENSG00000276907	42.00	26.75
ENSG00000276909	6.25	2.75
ENSG00000276910	222.00	353.50
ENSG00000276911	0.00	0.00
ENSG00000276912	0.00	0.00
ENSG00000276913	0.00	0.25
ENSG00000276914	159.00	126.25
ENSG00000276915	0.00	0.00
ENSG00000276920	44.75	112.75
ENSG00000276925	0.00	0.00
ENSG00000276928	0.00	0.00
ENSG00000276929	0.00	0.00
ENSG00000276930	0.00	0.00
ENSG00000276935	276.75	151.25
ENSG00000276940	0.00	0.00
ENSG00000276944	0.00	0.00
ENSG00000276945	3.00	2.50
ENSG00000276949	0.00	0.00
ENSG00000276950	1.25	1.25

ENSG00000276951	0.75	0.00
ENSG00000276953	5.00	3.75
ENSG00000276958	0.00	0.25
ENSG00000276959	0.00	0.00
ENSG00000276960	0.00	0.00
ENSG00000276963	0.00	0.00
ENSG00000276964	0.00	0.00
ENSG00000276966	4.75	6.25
ENSG00000276970	0.00	0.00
ENSG00000276971	5.25	10.00
ENSG00000276974	0.00	0.00
ENSG00000276975	110.25	130.75
ENSG00000276976	0.00	0.00
ENSG00000276977	0.00	0.00
ENSG00000276979	0.00	0.00
ENSG00000276982	0.25	0.25
ENSG00000276983	0.00	0.00
ENSG00000276985	0.25	0.00
ENSG00000276986	0.25	0.00
ENSG00000276992	0.00	0.00
ENSG00000276994	0.00	0.00
ENSG00000276996	0.25	1.00
ENSG00000276998	0.00	0.00
ENSG00000276999	0.00	0.00
ENSG00000277000	0.00	0.00
ENSG00000277003	0.00	0.00
ENSG00000277005	27.00	26.25
ENSG00000277006	0.00	0.00
ENSG00000277008	0.00	0.00
ENSG00000277009	0.00	0.00
ENSG00000277015	0.00	0.00
ENSG00000277016	0.00	0.00
ENSG00000277018	0.00	0.00
ENSG00000277024	1.00	0.50
ENSG00000277025	0.00	0.00
ENSG00000277028	0.00	0.00
ENSG00000277033	14.00	24.50
ENSG00000277040	0.00	0.00
ENSG00000277041	0.25	0.00
ENSG00000277042	0.00	0.00
ENSG00000277043	0.25	0.00
ENSG00000277044	14.75	9.75
ENSG00000277053	2983.00	2984.75

ENSG00000277056	0.00	0.00
ENSG00000277058	0.00	0.00
ENSG00000277060	1.00	0.25
ENSG00000277068	0.25	0.00
ENSG00000277069	0.00	0.00
ENSG00000277070	0.00	0.00
ENSG00000277071	0.00	0.00
ENSG00000277072	145.75	118.00
ENSG00000277075	2.00	2.00
ENSG00000277076	0.00	0.00
ENSG00000277077	0.25	0.25
ENSG00000277078	0.00	0.00
ENSG00000277079	1090.75	996.25
ENSG00000277080	0.00	0.00
ENSG00000277083	0.00	0.00
ENSG00000277086	27.75	34.50
ENSG00000277088	0.25	0.25
ENSG00000277090	0.50	0.75
ENSG00000277092	0.00	0.00
ENSG00000277095	0.00	0.00
ENSG00000277096	0.00	0.00
ENSG00000277099	0.00	0.00
ENSG00000277101	24.25	13.75
ENSG00000277103	0.25	0.00
ENSG00000277104	9.25	6.25
ENSG00000277106	0.00	0.00
ENSG00000277109	0.00	0.00
ENSG00000277110	0.00	0.00
ENSG00000277111	167.50	161.75
ENSG00000277112	0.75	0.00
ENSG00000277113	0.00	0.00
ENSG00000277114	19.50	20.00
ENSG00000277117	6.25	2.75
ENSG00000277125	5.50	1.25
ENSG00000277131	0.75	0.00
ENSG00000277132	0.00	0.00
ENSG00000277133	0.00	0.00
ENSG00000277134	0.00	0.00
ENSG00000277140	1155.50	882.50
ENSG00000277143	0.25	0.00
ENSG00000277146	0.00	0.00
ENSG00000277149	23.25	17.00
ENSG00000277150	124.00	126.00

ENSG00000277154	2.50	3.00
ENSG00000277156	3.25	1.25
ENSG00000277157	0.75	0.50
ENSG00000277161	50.00	51.00
ENSG00000277162	0.00	0.00
ENSG00000277163	0.00	0.00
ENSG00000277165	0.00	0.00
ENSG00000277171	0.00	0.00
ENSG00000277172	0.00	0.00
ENSG00000277174	0.00	0.00
ENSG00000277175	0.00	0.00
ENSG00000277176	0.00	0.00
ENSG00000277177	0.75	0.75
ENSG00000277178	0.00	0.00
ENSG00000277179	0.00	0.00
ENSG00000277181	0.00	0.00
ENSG00000277185	0.00	0.00
ENSG00000277191	0.00	0.00
ENSG00000277193	0.00	0.00
ENSG00000277196	0.50	63.75
ENSG00000277203	327.25	342.25
ENSG00000277206	0.00	0.00
ENSG00000277208	0.00	0.00
ENSG00000277211	0.00	0.00
ENSG00000277213	0.00	0.00
ENSG00000277219	0.00	0.00
ENSG00000277221	108.75	82.50
ENSG00000277222	635.25	630.00
ENSG00000277224	0.75	0.50
ENSG00000277227	0.00	0.00
ENSG00000277236	0.00	0.00
ENSG00000277238	1.75	1.00
ENSG00000277240	0.00	0.00
ENSG00000277241	3.00	7.00
ENSG00000277251	0.00	0.00
ENSG00000277252	0.00	0.00
ENSG00000277253	0.00	0.25
ENSG00000277254	0.25	0.25
ENSG00000277258	482.00	358.25
ENSG00000277263	0.00	0.00
ENSG00000277267	0.00	0.00
ENSG00000277271	0.00	0.00
ENSG00000277272	0.00	0.00

ENSG00000277273	376.75	478.50
ENSG00000277274	0.00	0.00
ENSG00000277276	4.75	2.25
ENSG00000277277	0.00	9.50
ENSG00000277278	3.25	3.50
ENSG00000277281	1.25	1.75
ENSG00000277282	0.00	0.00
ENSG00000277286	0.00	0.00
ENSG00000277288	22.50	5.75
ENSG00000277289	0.00	0.00
ENSG00000277290	3.50	2.00
ENSG00000277291	0.00	0.00
ENSG00000277292	1271.50	1112.75
ENSG00000277297	3.50	1.25
ENSG00000277303	13.50	25.25
ENSG00000277304	29.25	31.75
ENSG00000277315	0.00	0.00
ENSG00000277316	0.00	0.00
ENSG00000277317	0.00	0.00
ENSG00000277318	0.00	0.00
ENSG00000277319	0.00	0.00
ENSG00000277322	0.00	0.00
ENSG00000277327	0.00	0.75
ENSG00000277334	0.00	0.00
ENSG00000277335	0.00	0.00
ENSG00000277336	0.00	0.00
ENSG00000277339	0.00	0.00
ENSG00000277340	0.00	0.00
ENSG00000277345	0.00	0.00
ENSG00000277349	0.25	0.25
ENSG00000277354	3.50	22.00
ENSG00000277355	0.00	0.00
ENSG00000277356	0.00	0.00
ENSG00000277357	0.00	0.00
ENSG00000277358	0.25	0.00
ENSG00000277359	1090.75	996.25
ENSG00000277361	0.00	0.00
ENSG00000277362	0.00	0.00
ENSG00000277363	2.00	1.25
ENSG00000277364	0.50	0.25
ENSG00000277365	119.25	116.00
ENSG00000277366	0.00	0.00
ENSG00000277367	0.00	0.00

ENSG00000277375	0.00	0.00
ENSG00000277376	0.00	0.00
ENSG00000277377	0.50	0.00
ENSG00000277378	0.00	0.00
ENSG00000277389	0.00	0.00
ENSG00000277390	0.00	0.25
ENSG00000277392	0.00	0.00
ENSG00000277397	10.25	1.75
ENSG00000277398	0.00	0.00
ENSG00000277399	0.50	13.25
ENSG00000277400	266.25	277.25
ENSG00000277401	1858.00	1972.50
ENSG00000277403	0.00	0.00
ENSG00000277405	0.00	0.00
ENSG00000277406	1.25	0.75
ENSG00000277408	0.00	0.00
ENSG00000277410	0.00	0.00
ENSG00000277414	1.00	0.75
ENSG00000277421	8.50	5.00
ENSG00000277422	0.00	0.00
ENSG00000277424	247.25	254.50
ENSG00000277426	0.00	0.00
ENSG00000277429	77.75	65.00
ENSG00000277435	1.25	1.25
ENSG00000277436	0.00	0.00
ENSG00000277438	0.00	0.25
ENSG00000277439	0.25	0.50
ENSG00000277442	0.00	0.00
ENSG00000277443	8796.25	3518.25
ENSG00000277445	33.25	10.00
ENSG00000277447	0.00	0.25
ENSG00000277454	15.00	4.00
ENSG00000277456	0.00	0.00
ENSG00000277457	11.25	8.00
ENSG00000277458	0.00	0.00
ENSG00000277462	48.00	52.00
ENSG00000277466	0.00	0.00
ENSG00000277475	5.50	4.25
ENSG00000277477	0.00	0.00
ENSG00000277479	0.00	0.00
ENSG00000277480	0.00	0.00
ENSG00000277481	0.75	1.00
ENSG00000277484	0.00	0.00

ENSG00000277486	0.00	0.00
ENSG00000277490	0.00	0.00
ENSG00000277493	1.50	1.75
ENSG00000277494	0.00	0.00
ENSG00000277495	0.25	0.00
ENSG00000277498	0.00	0.25
ENSG00000277499	0.00	0.00
ENSG00000277500	0.00	0.00
ENSG00000277505	0.00	0.00
ENSG00000277507	3.50	2.50
ENSG00000277508	0.50	0.00
ENSG00000277509	0.00	0.00
ENSG00000277513	0.00	0.00
ENSG00000277514	0.00	0.00
ENSG00000277516	0.00	0.00
ENSG00000277518	2.25	1.50
ENSG00000277519	0.00	0.00
ENSG00000277529	0.00	0.00
ENSG00000277530	0.00	0.00
ENSG00000277532	0.00	0.00
ENSG00000277535	0.00	0.00
ENSG00000277540	0.00	0.00
ENSG00000277544	0.00	0.00
ENSG00000277549	0.00	0.00
ENSG00000277552	0.00	0.00
ENSG00000277554	0.00	0.00
ENSG00000277555	0.25	0.25
ENSG00000277556	0.00	0.00
ENSG00000277560	0.00	0.00
ENSG00000277561	1.00	2.50
ENSG00000277562	0.00	0.00
ENSG00000277564	212.75	137.00
ENSG00000277570	0.00	0.00
ENSG00000277571	21.00	27.25
ENSG00000277574	0.00	0.00
ENSG00000277575	0.00	0.00
ENSG00000277576	0.00	0.00
ENSG00000277585	0.75	0.25
ENSG00000277586	15.00	27.75
ENSG00000277594	64.00	54.00
ENSG00000277596	0.00	0.00
ENSG00000277598	1.00	0.00
ENSG00000277600	79.00	44.75

ENSG00000277603	0.00	0.00
ENSG00000277606	29.00	22.25
ENSG00000277607	0.00	0.00
ENSG00000277608	0.00	0.00
ENSG00000277611	0.75	0.00
ENSG00000277614	75.75	17.75
ENSG00000277615	3.75	5.50
ENSG00000277616	0.00	0.00
ENSG00000277618	0.75	0.00
ENSG00000277620	0.00	0.00
ENSG00000277624	0.00	0.00
ENSG00000277626	21.00	33.25
ENSG00000277629	0.00	0.00
ENSG00000277630	0.00	0.00
ENSG00000277632	0.00	0.00
ENSG00000277633	0.00	0.00
ENSG00000277640	0.00	0.00
ENSG00000277641	4.75	6.50
ENSG00000277646	0.00	0.00
ENSG00000277647	0.00	0.00
ENSG00000277649	122.50	114.00
ENSG00000277650	0.00	0.00
ENSG00000277655	0.25	0.00
ENSG00000277656	530.75	430.75
ENSG00000277657	0.00	0.00
ENSG00000277666	0.25	0.00
ENSG00000277667	0.75	0.00
ENSG00000277669	13.25	1.00
ENSG00000277670	0.00	0.00
ENSG00000277672	0.25	0.00
ENSG00000277673	0.00	0.00
ENSG00000277690	0.00	0.00
ENSG00000277691	0.00	0.00
ENSG00000277702	34.75	30.25
ENSG00000277704	0.00	0.00
ENSG00000277705	0.75	0.50
ENSG00000277707	2.50	3.00
ENSG00000277708	0.00	0.00
ENSG00000277709	0.00	0.00
ENSG00000277710	0.00	0.00
ENSG00000277711	0.00	0.00
ENSG00000277720	0.00	0.00
ENSG00000277722	46.75	37.50

ENSG00000277725	0.00	0.00
ENSG00000277726	37.00	38.50
ENSG00000277729	0.00	0.00
ENSG00000277730	0.00	0.00
ENSG00000277733	0.00	0.00
ENSG00000277734	0.50	1.00
ENSG00000277737	0.00	0.25
ENSG00000277741	1.50	3.25
ENSG00000277742	0.00	0.00
ENSG00000277743	0.00	0.00
ENSG00000277745	0.50	1.25
ENSG00000277746	0.00	0.00
ENSG00000277747	0.00	0.00
ENSG00000277748	0.00	0.00
ENSG00000277750	0.00	0.00
ENSG00000277751	0.25	0.25
ENSG00000277753	23.00	22.25
ENSG00000277755	0.00	0.00
ENSG00000277758	51.00	70.50
ENSG00000277761	0.00	0.00
ENSG00000277766	0.00	0.00
ENSG00000277768	0.00	0.00
ENSG00000277769	0.00	0.00
ENSG00000277770	0.00	0.00
ENSG00000277773	367.00	348.25
ENSG00000277775	0.00	0.00
ENSG00000277776	0.00	0.00
ENSG00000277781	42.75	51.50
ENSG00000277783	0.00	0.00
ENSG00000277786	0.00	0.00
ENSG00000277789	7.50	7.50
ENSG00000277791	441.50	430.50
ENSG00000277795	1.25	1.50
ENSG00000277796	0.00	0.00
ENSG00000277800	0.00	0.00
ENSG00000277802	0.00	0.00
ENSG00000277803	0.00	0.00
ENSG00000277804	0.00	0.50
ENSG00000277807	0.00	0.00
ENSG00000277808	0.00	0.75
ENSG00000277816	1.00	1.75
ENSG00000277823	2.75	2.00
ENSG00000277824	0.00	0.00

ENSG00000277833	0.00	0.00
ENSG00000277835	0.00	0.00
ENSG00000277836	0.00	0.00
ENSG00000277848	1.25	0.75
ENSG00000277850	0.00	0.00
ENSG00000277852	0.50	0.25
ENSG00000277853	0.00	0.00
ENSG00000277856	0.00	0.00
ENSG00000277858	0.25	0.25
ENSG00000277862	0.00	0.00
ENSG00000277865	4.75	3.75
ENSG00000277866	0.00	0.00
ENSG00000277867	0.00	1.00
ENSG00000277868	104.50	62.75
ENSG00000277869	0.00	0.00
ENSG00000277876	0.00	0.00
ENSG00000277877	40.25	36.25
ENSG00000277878	0.00	0.00
ENSG00000277880	0.00	0.00
ENSG00000277881	0.00	0.00
ENSG00000277882	0.00	0.00
ENSG00000277883	0.50	0.00
ENSG00000277885	0.00	0.00
ENSG00000277893	0.50	1.25
ENSG00000277894	0.00	0.00
ENSG00000277897	0.00	0.00
ENSG00000277899	0.00	0.00
ENSG00000277907	0.00	0.00
ENSG00000277909	10.75	4.00
ENSG00000277914	0.00	0.00
ENSG00000277920	0.00	0.00
ENSG00000277921	0.00	0.00
ENSG00000277923	0.00	0.00
ENSG00000277924	0.00	0.00
ENSG00000277926	0.25	0.75
ENSG00000277932	0.00	0.00
ENSG00000277936	555.00	507.75
ENSG00000277940	0.00	0.00
ENSG00000277943	0.00	0.00
ENSG00000277949	0.00	0.00
ENSG00000277952	0.00	0.00
ENSG00000277953	2.50	3.00
ENSG00000277956	28.00	12.75

ENSG00000277957	12.50	8.50
ENSG00000277961	0.00	0.00
ENSG00000277963	0.00	0.00
ENSG00000277964	0.00	0.00
ENSG00000277971	0.00	0.00
ENSG00000277972	139.25	172.25
ENSG00000277973	0.00	0.00
ENSG00000277974	3.50	7.50
ENSG00000277975	0.00	0.00
ENSG00000277976	0.00	0.00
ENSG00000277977	4.50	1.00
ENSG00000277979	0.00	0.00
ENSG00000277981	0.00	0.00
ENSG00000277982	0.00	0.00
ENSG00000277983	6.25	28.75
ENSG00000277984	0.25	1.50
ENSG00000277988	0.00	0.00
ENSG00000277996	0.75	0.00
ENSG00000277998	0.00	0.00
ENSG00000278001	1.50	2.50
ENSG00000278006	0.00	0.00
ENSG00000278008	0.00	0.00
ENSG00000278009	0.25	0.00
ENSG00000278016	94.75	93.00
ENSG00000278019	0.00	0.00
ENSG00000278021	0.00	2.25
ENSG00000278023	1.25	1.00
ENSG00000278025	0.00	0.00
ENSG00000278030	5.25	5.25
ENSG00000278031	0.00	0.00
ENSG00000278032	1943.50	1578.75
ENSG00000278042	0.00	0.00
ENSG00000278046	0.00	0.00
ENSG00000278051	0.00	0.00
ENSG00000278053	603.75	497.75
ENSG00000278054	0.00	0.00
ENSG00000278057	0.00	0.00
ENSG00000278061	0.00	0.00
ENSG00000278062	196.25	254.75
ENSG00000278066	0.00	0.00
ENSG00000278068	0.00	0.00
ENSG00000278070	0.00	0.00
ENSG00000278074	0.00	0.00

ENSG00000278077	0.50	0.25
ENSG00000278078	0.00	0.50
ENSG00000278079	0.00	0.00
ENSG00000278080	11.25	10.50
ENSG00000278081	1090.75	996.25
ENSG00000278082	0.00	0.00
ENSG00000278083	0.75	0.00
ENSG00000278085	0.00	0.00
ENSG00000278086	0.00	0.00
ENSG00000278087	1196.00	940.50
ENSG00000278088	4.25	4.00
ENSG00000278091	34.25	22.00
ENSG00000278102	0.00	0.00
ENSG00000278106	0.00	0.00
ENSG00000278110	0.00	0.00
ENSG00000278111	0.00	0.25
ENSG00000278114	4.50	2.25
ENSG00000278116	0.00	0.00
ENSG00000278119	82.25	75.50
ENSG00000278120	0.00	0.00
ENSG00000278122	0.00	0.00
ENSG00000278128	0.00	0.00
ENSG00000278129	248.50	235.75
ENSG00000278130	0.00	0.00
ENSG00000278131	31.00	11.75
ENSG00000278134	4.00	2.25
ENSG00000278137	0.00	0.00
ENSG00000278138	0.00	0.00
ENSG00000278139	0.00	0.00
ENSG00000278143	0.00	0.00
ENSG00000278145	0.25	0.25
ENSG00000278149	9.00	4.00
ENSG00000278152	0.00	0.00
ENSG00000278154	0.50	0.75
ENSG00000278157	0.00	0.00
ENSG00000278160	0.00	0.00
ENSG00000278161	9.50	10.25
ENSG00000278165	7.25	3.75
ENSG00000278167	0.00	0.00
ENSG00000278169	0.00	0.00
ENSG00000278171	0.00	0.50
ENSG00000278173	0.00	0.00
ENSG00000278174	113.00	106.50

ENSG00000278178	0.00	0.00
ENSG00000278180	0.00	0.00
ENSG00000278181	0.00	0.00
ENSG00000278182	0.00	0.00
ENSG00000278183	3308.25	2238.00
ENSG00000278184	0.00	0.00
ENSG00000278186	0.75	5.00
ENSG00000278191	652.50	433.00
ENSG00000278193	0.00	0.00
ENSG00000278194	0.00	0.00
ENSG00000278195	3.00	1.25
ENSG00000278196	0.00	0.00
ENSG00000278197	0.00	0.00
ENSG00000278198	0.50	1.50
ENSG00000278201	0.00	0.00
ENSG00000278205	0.25	0.25
ENSG00000278207	0.00	0.00
ENSG00000278210	0.00	0.00
ENSG00000278211	522.25	308.00
ENSG00000278212	4.50	5.25
ENSG00000278213	1.00	1.25
ENSG00000278215	0.00	0.00
ENSG00000278216	0.00	0.00
ENSG00000278220	219.00	226.75
ENSG00000278224	11.00	7.25
ENSG00000278229	6258.50	5719.00
ENSG00000278232	0.00	0.00
ENSG00000278243	265.00	223.00
ENSG00000278244	0.50	0.50
ENSG00000278247	0.25	0.00
ENSG00000278248	0.00	0.00
ENSG00000278253	0.00	0.00
ENSG00000278256	0.00	0.00
ENSG00000278257	11.25	8.00
ENSG00000278259	193.50	182.00
ENSG00000278263	0.00	0.00
ENSG00000278268	160.50	189.00
ENSG00000278270	587.25	518.50
ENSG00000278271	0.00	0.00
ENSG00000278272	0.25	0.00
ENSG00000278273	0.00	0.00
ENSG00000278275	2.25	4.50
ENSG00000278277	0.00	0.00

ENSG00000278279	8.50	6.50
ENSG00000278283	0.00	0.00
ENSG00000278284	9.00	4.00
ENSG00000278288	0.00	0.00
ENSG00000278289	0.00	0.00
ENSG00000278292	0.00	0.00
ENSG00000278293	0.00	0.00
ENSG00000278299	118.75	81.25
ENSG00000278300	0.00	0.00
ENSG00000278301	11.00	9.50
ENSG00000278302	0.00	0.00
ENSG00000278303	0.50	0.00
ENSG00000278304	0.00	0.00
ENSG00000278306	0.00	0.00
ENSG00000278307	1.00	0.75
ENSG00000278308	9.50	6.25
ENSG00000278310	1.50	1.00
ENSG00000278311	772.75	732.50
ENSG00000278312	0.75	1.50
ENSG00000278313	0.50	0.75
ENSG00000278316	0.00	0.00
ENSG00000278317	0.00	0.00
ENSG00000278318	360.00	296.75
ENSG00000278319	0.00	0.00
ENSG00000278322	0.00	0.00
ENSG00000278325	0.00	0.00
ENSG00000278326	48.75	52.50
ENSG00000278327	0.00	0.00
ENSG00000278329	0.00	0.00
ENSG00000278332	0.50	0.00
ENSG00000278337	0.00	0.00
ENSG00000278339	0.00	0.00
ENSG00000278342	0.00	0.00
ENSG00000278345	0.00	0.00
ENSG00000278346	0.25	0.00
ENSG00000278355	0.25	0.00
ENSG00000278358	0.00	0.00
ENSG00000278360	0.00	0.00
ENSG00000278361	0.00	0.00
ENSG00000278362	0.25	0.50
ENSG00000278363	0.75	0.00
ENSG00000278364	0.00	0.00
ENSG00000278365	46.75	37.50

ENSG00000278368	0.00	0.00
ENSG00000278369	0.00	0.00
ENSG00000278372	193.50	182.00
ENSG00000278373	2.25	0.50
ENSG00000278377	0.00	0.00
ENSG00000278378	0.25	0.25
ENSG00000278380	0.00	0.00
ENSG00000278381	0.00	0.00
ENSG00000278382	0.00	0.00
ENSG00000278384	65.00	55.00
ENSG00000278388	0.00	0.00
ENSG00000278395	0.00	0.00
ENSG00000278399	0.00	0.00
ENSG00000278400	0.00	0.00
ENSG00000278401	0.00	0.00
ENSG00000278402	0.00	0.00
ENSG00000278403	0.00	0.00
ENSG00000278414	0.00	0.00
ENSG00000278415	0.50	0.50
ENSG00000278416	6.50	6.25
ENSG00000278424	0.00	0.00
ENSG00000278426	11.25	8.00
ENSG00000278427	0.00	0.00
ENSG00000278428	0.00	0.00
ENSG00000278429	0.00	0.50
ENSG00000278430	0.00	0.00
ENSG00000278432	0.00	0.00
ENSG00000278437	0.00	0.00
ENSG00000278440	6.00	6.50
ENSG00000278441	0.00	0.00
ENSG00000278442	0.00	0.00
ENSG00000278443	0.00	0.00
ENSG00000278444	38.75	45.25
ENSG00000278446	0.00	0.00
ENSG00000278450	0.00	0.00
ENSG00000278455	0.25	0.50
ENSG00000278458	760.00	733.50
ENSG00000278461	0.25	0.00
ENSG00000278463	0.25	0.00
ENSG00000278466	0.00	0.00
ENSG00000278468	2.00	2.50
ENSG00000278473	0.00	0.00
ENSG00000278474	0.00	0.00

ENSG00000278476	0.00	0.00
ENSG00000278477	0.00	0.00
ENSG00000278478	0.00	0.00
ENSG00000278480	0.00	0.00
ENSG00000278481	0.00	0.00
ENSG00000278485	0.00	0.00
ENSG00000278486	0.00	0.00
ENSG00000278487	0.00	0.00
ENSG00000278488	268.50	246.50
ENSG00000278489	0.00	0.00
ENSG00000278490	0.00	0.00
ENSG00000278494	368.00	390.25
ENSG00000278495	0.00	0.00
ENSG00000278496	0.50	0.00
ENSG00000278499	0.75	1.75
ENSG00000278500	0.50	0.00
ENSG00000278501	122.50	114.00
ENSG00000278503	0.00	0.00
ENSG00000278504	0.25	0.50
ENSG00000278505	0.25	0.25
ENSG00000278508	0.00	0.00
ENSG00000278510	0.00	0.00
ENSG00000278513	0.00	0.00
ENSG00000278516	3.50	16.00
ENSG00000278519	0.00	0.00
ENSG00000278522	0.50	0.00
ENSG00000278528	0.00	0.00
ENSG00000278530	13.75	6.50
ENSG00000278531	0.00	0.00
ENSG00000278533	0.25	0.25
ENSG00000278535	23.75	22.75
ENSG00000278537	0.00	0.00
ENSG00000278540	1029.25	804.25
ENSG00000278541	0.00	0.00
ENSG00000278543	0.25	0.50
ENSG00000278545	82.75	125.00
ENSG00000278548	0.00	0.00
ENSG00000278550	197.50	148.25
ENSG00000278552	0.00	0.00
ENSG00000278555	0.00	0.50
ENSG00000278558	12.75	19.25
ENSG00000278561	0.25	0.00
ENSG00000278562	1.50	0.50

ENSG00000278563	0.25	0.00
ENSG00000278565	0.00	0.00
ENSG00000278566	0.00	0.00
ENSG00000278567	0.00	0.00
ENSG00000278570	4.50	2.75
ENSG00000278572	10.25	2.75
ENSG00000278573	0.00	0.00
ENSG00000278574	187.00	153.50
ENSG00000278577	0.00	0.00
ENSG00000278580	0.00	0.00
ENSG00000278582	0.00	0.00
ENSG00000278585	0.00	0.00
ENSG00000278586	0.00	0.25
ENSG00000278588	0.00	0.00
ENSG00000278589	0.00	0.00
ENSG00000278593	0.00	0.00
ENSG00000278594	0.50	1.25
ENSG00000278599	1.50	0.25
ENSG00000278602	0.00	0.00
ENSG00000278603	2.50	1.50
ENSG00000278605	67.25	105.25
ENSG00000278606	0.00	0.00
ENSG00000278608	4.75	26.50
ENSG00000278613	114.50	91.50
ENSG00000278614	0.00	0.00
ENSG00000278615	303.00	306.75
ENSG00000278616	77.00	87.50
ENSG00000278619	26.25	24.75
ENSG00000278620	0.25	0.00
ENSG00000278622	251.00	240.75
ENSG00000278624	2.00	1.50
ENSG00000278631	0.75	0.25
ENSG00000278632	13.50	11.50
ENSG00000278633	0.00	0.00
ENSG00000278634	0.25	0.25
ENSG00000278635	0.50	0.00
ENSG00000278637	0.00	0.00
ENSG00000278641	0.00	0.00
ENSG00000278644	482.00	358.25
ENSG00000278646	0.00	0.00
ENSG00000278647	0.00	0.00
ENSG00000278650	0.00	0.00
ENSG00000278654	2.50	1.25

ENSG00000278655	0.75	0.50
ENSG00000278656	0.00	0.00
ENSG00000278659	0.00	0.00
ENSG00000278661	0.00	0.00
ENSG00000278662	13.00	7.00
ENSG00000278664	0.00	0.00
ENSG00000278665	0.25	0.00
ENSG00000278666	75.00	45.50
ENSG00000278667	0.00	0.00
ENSG00000278670	0.00	0.00
ENSG00000278673	0.00	0.00
ENSG00000278674	0.25	0.75
ENSG00000278677	0.25	1.00
ENSG00000278678	0.00	0.00
ENSG00000278681	0.00	0.00
ENSG00000278682	0.00	0.00
ENSG00000278683	0.50	0.00
ENSG00000278684	0.00	0.00
ENSG00000278685	0.25	0.25
ENSG00000278687	0.00	0.00
ENSG00000278688	0.00	0.00
ENSG00000278689	0.00	0.00
ENSG00000278691	0.00	0.00
ENSG00000278692	0.00	0.00
ENSG00000278693	18.75	43.50
ENSG00000278694	0.00	0.00
ENSG00000278695	1.50	1.25
ENSG00000278697	0.00	0.00
ENSG00000278699	0.50	0.00
ENSG00000278704	17.00	13.75
ENSG00000278705	0.00	0.00
ENSG00000278707	0.00	0.00
ENSG00000278710	0.00	0.00
ENSG00000278712	0.50	0.75
ENSG00000278714	0.00	0.00
ENSG00000278718	320.50	321.50
ENSG00000278720	0.00	0.00
ENSG00000278723	0.00	0.00
ENSG00000278725	0.00	0.00
ENSG00000278726	0.00	0.00
ENSG00000278728	1.50	2.00
ENSG00000278729	0.00	0.00
ENSG00000278731	0.00	0.00

ENSG00000278734	0.00	0.00
ENSG00000278735	0.50	0.00
ENSG00000278736	0.00	0.00
ENSG00000278738	0.00	0.00
ENSG00000278741	2360.25	1528.75
ENSG00000278742	50.75	72.50
ENSG00000278744	0.50	0.25
ENSG00000278745	0.00	0.00
ENSG00000278749	0.00	0.00
ENSG00000278754	0.00	0.00
ENSG00000278755	0.00	0.00
ENSG00000278758	0.00	0.00
ENSG00000278759	236.50	205.50
ENSG00000278760	2.25	5.25
ENSG00000278761	0.00	0.00
ENSG00000278763	3.00	1.25
ENSG00000278767	8.25	9.75
ENSG00000278776	0.00	0.00
ENSG00000278780	15.25	6.25
ENSG00000278782	0.00	0.00
ENSG00000278786	0.00	0.00
ENSG00000278787	361.25	296.75
ENSG00000278788	534.75	753.25
ENSG00000278789	0.00	0.00
ENSG00000278790	0.00	0.00
ENSG00000278795	0.00	0.00
ENSG00000278797	0.00	0.00
ENSG00000278801	0.00	0.00
ENSG00000278803	0.00	0.00
ENSG00000278805	0.00	0.00
ENSG00000278807	0.25	0.00
ENSG00000278809	0.00	0.00
ENSG00000278810	0.00	0.00
ENSG00000278813	0.00	0.00
ENSG00000278817	1.75	25.00
ENSG00000278819	0.25	0.00
ENSG00000278821	0.00	0.00
ENSG00000278823	66.75	85.25
ENSG00000278824	0.00	0.00
ENSG00000278826	0.00	0.00
ENSG00000278828	13.75	12.75
ENSG00000278830	0.00	0.00
ENSG00000278833	0.00	0.00

ENSG00000278837	0.00	0.00
ENSG00000278839	67.75	66.00
ENSG00000278842	0.00	0.50
ENSG00000278843	0.75	7.00
ENSG00000278845	142.00	127.25
ENSG00000278846	0.00	0.00
ENSG00000278848	0.00	0.25
ENSG00000278850	0.00	0.00
ENSG00000278854	0.00	0.00
ENSG00000278856	0.00	0.00
ENSG00000278857	0.00	0.00
ENSG00000278868	1.25	1.50
ENSG00000278870	0.00	0.00
ENSG00000278881	0.50	0.25
ENSG00000278882	39.75	54.50
ENSG00000278883	3.00	2.75
ENSG00000278888	0.50	0.50
ENSG00000278889	0.00	0.75
ENSG00000278899	4.25	4.00
ENSG00000278919	4.25	2.00
ENSG00000278923	0.25	0.00
ENSG00000278931	5.00	2.50
ENSG00000278938	0.25	0.00
ENSG00000278939	0.25	0.25
ENSG00000278951	0.00	0.00
ENSG00000279000	0.00	0.00
ENSG00000279007	76.25	71.50
ENSG00000279012	0.00	0.00
ENSG00000279018	3.75	5.00
ENSG00000279037	0.25	0.25
ENSG00000279049	1.25	0.00
ENSG00000279051	0.00	0.00
ENSG00000279054	0.00	0.00
ENSG00000279058	0.25	0.00
ENSG00000279062	1.25	0.25
ENSG00000279068	5.00	2.25
ENSG00000279073	0.75	0.50
ENSG00000279081	0.00	0.00
ENSG00000279084	0.75	1.50
ENSG00000279096	0.50	0.50
ENSG00000279109	0.00	0.00
ENSG00000279111	0.00	0.00
ENSG00000279112	0.75	1.50

ENSG00000279115	0.00	0.25
ENSG00000279116	0.00	0.00
ENSG00000279119	27.00	26.25
ENSG00000279124	0.00	0.00
ENSG00000279126	37.00	27.00
ENSG00000279131	0.00	0.00
ENSG00000279132	0.00	0.00
ENSG00000279152	12.50	6.75
ENSG00000279167	0.00	0.00
ENSG00000279168	2.00	1.25
ENSG00000279169	0.00	0.25
ENSG00000279177	4.75	4.75
ENSG00000279183	0.75	1.50
ENSG00000279195	0.00	0.00
ENSG00000279208	17.00	15.00
ENSG00000279211	0.00	0.00
ENSG00000279213	1.00	0.75
ENSG00000279219	0.00	0.25
ENSG00000279229	0.25	0.25
ENSG00000279230	0.00	0.00
ENSG00000279231	0.00	0.00
ENSG00000279232	562.25	267.00
ENSG00000279238	1.00	0.25
ENSG00000279239	0.25	0.75
ENSG00000279244	1.75	2.25
ENSG00000279247	190.50	176.75
ENSG00000279257	12.75	14.50
ENSG00000279260	0.00	0.00
ENSG00000279261	2.00	1.75
ENSG00000279263	0.00	0.00
ENSG00000279270	0.00	0.00
ENSG00000279274	0.00	0.25
ENSG00000279280	0.00	0.00
ENSG00000279282	2.50	2.25
ENSG00000279287	0.00	0.00
ENSG00000279301	0.00	0.00
ENSG00000279307	0.00	0.25
ENSG00000279317	0.25	0.00
ENSG00000279335	0.25	0.25
ENSG00000279336	1.75	2.25
ENSG00000279342	6.50	5.75
ENSG00000279346	0.00	0.00
ENSG00000279350	0.00	0.00

ENSG00000279362	0.00	2.00
ENSG00000279363	0.00	0.00
ENSG00000279374	1.25	1.75
ENSG00000279380	0.00	0.25
ENSG00000279381	1.50	0.50
ENSG00000279386	4.00	2.50
ENSG00000279389	0.25	0.75
ENSG00000279392	0.50	0.25
ENSG00000279395	0.00	0.00
ENSG00000279408	0.00	0.00
ENSG00000279413	20.25	28.50
ENSG00000279414	0.50	0.50
ENSG00000279435	0.00	0.00
ENSG00000279445	0.00	0.00
ENSG00000279448	0.50	0.00
ENSG00000279457	310.00	282.00
ENSG00000279461	0.50	0.75
ENSG00000279471	0.50	0.50
ENSG00000279473	0.00	1.75
ENSG00000279477	0.00	0.00
ENSG00000279483	180.75	13.75
ENSG00000279486	0.00	0.00
ENSG00000279487	58.25	77.75
ENSG00000279493	0.00	0.25
ENSG00000279508	171.75	173.75
ENSG00000279510	0.25	0.00
ENSG00000279514	0.00	0.00
ENSG00000279515	0.00	0.00
ENSG00000279524	0.00	0.75
ENSG00000279530	13.00	10.50
ENSG00000279533	2.25	8.75
ENSG00000279538	0.75	0.50
ENSG00000279546	0.00	0.00
ENSG00000279547	0.00	0.00
ENSG00000279552	0.00	0.00
ENSG00000279556	0.00	0.00
ENSG00000279560	41.75	35.75
ENSG00000279566	93.00	38.75
ENSG00000279576	2148.50	2087.00
ENSG00000279577	0.00	0.00
ENSG00000279588	0.00	0.00
ENSG00000279614	0.00	0.25
ENSG00000279615	0.00	0.00

ENSG00000279624	13.75	11.50
ENSG00000279626	0.00	0.00
ENSG00000279639	0.00	0.00
ENSG00000279643	40.00	29.75
ENSG00000279644	1.50	4.75
ENSG00000279646	3.25	2.50
ENSG00000279647	0.00	0.00
ENSG00000279654	37.00	27.00
ENSG00000279661	0.00	0.00
ENSG00000279664	0.00	0.00
ENSG00000279686	0.50	0.00
ENSG00000279688	0.00	0.00
ENSG00000279709	0.00	0.00
ENSG00000279718	1.75	4.00
ENSG00000279720	3.25	1.75
ENSG00000279723	0.00	0.00
ENSG00000279724	1.25	0.75
ENSG00000279728	0.00	0.00
ENSG00000279730	0.00	0.25
ENSG00000279735	1.00	0.25
ENSG00000279745	4.75	3.25
ENSG00000279761	0.00	0.00
ENSG00000279765	329.75	291.25
ENSG00000279767	1.50	15.25
ENSG00000279768	4.25	4.25
ENSG00000279777	39.25	23.50
ENSG00000279782	0.00	0.00
ENSG00000279783	0.00	0.00
ENSG00000279788	0.00	0.00
ENSG00000279800	1.50	0.00
ENSG00000279804	0.00	0.00
ENSG00000279808	0.00	0.00
ENSG00000279813	0.00	0.25
ENSG00000279816	4.00	3.50
ENSG00000279824	0.00	0.00
ENSG00000279830	0.00	0.00
ENSG00000279849	9.00	11.25
ENSG00000279850	0.00	0.00
ENSG00000279857	0.00	0.00
ENSG00000279864	0.25	0.00
ENSG00000279892	0.00	0.00
ENSG00000279895	0.00	0.00
ENSG00000279906	14.75	7.50

ENSG00000279909	0.00	4.00
ENSG00000279911	0.00	0.00
ENSG00000279916	0.00	0.00
ENSG00000279921	40.50	26.50
ENSG00000279922	0.00	0.00
ENSG00000279924	0.00	0.00
ENSG00000279928	3.00	1.75
ENSG00000279937	2.25	2.00
ENSG00000279941	0.00	0.00
ENSG00000279955	0.00	0.25
ENSG00000279956	4.75	4.25
ENSG00000279961	0.00	0.00
ENSG00000279963	0.00	0.00
ENSG00000279966	1.50	0.00
ENSG00000279968	11.25	5.75
ENSG00000279973	0.00	0.00
ENSG00000279983	0.50	0.50
ENSG00000279984	0.00	0.00
ENSG00000279986	0.75	3.75
ENSG00000279988	0.00	0.00
ENSG00000279990	0.00	0.00
ENSG00000279992	0.00	0.00
ENSG00000280004	0.00	0.00
ENSG00000280006	51.75	41.25
ENSG00000280012	0.00	0.00
ENSG00000280013	1.25	0.00
ENSG00000280019	0.00	0.00
ENSG00000280021	0.00	0.00
ENSG00000280034	0.00	0.00
ENSG00000280041	0.25	0.00
ENSG00000280050	0.00	0.00
ENSG00000280066	0.00	0.00
ENSG00000280071	802.25	784.75
ENSG00000280075	0.00	0.00
ENSG00000280080	0.50	0.25
ENSG00000280090	0.00	0.00
ENSG00000280094	0.25	0.00
ENSG00000280098	0.00	0.00
ENSG00000280108	0.25	0.00
ENSG00000280112	0.25	0.00
ENSG00000280113	0.00	0.00
ENSG00000280114	0.00	0.00
ENSG00000280116	1.00	0.75

ENSG00000280126	0.00	0.00
ENSG00000280127	0.00	0.00
ENSG00000280130	20.75	13.75
ENSG00000280141	0.25	0.00
ENSG00000280148	0.25	1.50
ENSG00000280151	29.25	25.00
ENSG00000280165	0.25	0.25
ENSG00000280170	4.75	1.25
ENSG00000280171	0.25	0.00
ENSG00000280172	0.00	0.00
ENSG00000280175	6.25	3.25
ENSG00000280178	0.75	2.00
ENSG00000280184	36.00	32.50
ENSG00000280188	0.25	0.00
ENSG00000280204	0.00	0.00
ENSG00000280208	0.25	0.00
ENSG00000280210	0.00	0.00
ENSG00000280218	0.25	0.00
ENSG00000280221	2.50	0.25
ENSG00000280226	1.25	1.00
ENSG00000280230	4.50	5.00
ENSG00000280236	0.00	0.00
ENSG00000280240	6.50	2.50
ENSG00000280243	3.25	1.75
ENSG00000280249	0.75	0.25
ENSG00000280252	9.25	9.75
ENSG00000280253	0.00	0.00
ENSG00000280260	0.00	0.00
ENSG00000280263	0.00	0.00
ENSG00000280264	0.50	0.00
ENSG00000280267	0.00	0.00
ENSG00000280273	2.25	1.50
ENSG00000280286	0.25	0.00
ENSG00000280298	1.50	0.50
ENSG00000280301	0.00	0.00
ENSG00000280308	10.00	6.50
ENSG00000280314	0.00	0.00
ENSG00000280316	14.00	15.00
ENSG00000280329	0.00	0.00
ENSG00000280330	4.75	4.75
ENSG00000280337	0.00	0.00
ENSG00000280346	0.75	0.00
ENSG00000280360	0.00	0.00

ENSG00000280363	0.00	0.00
ENSG00000280403	2.00	1.25
ENSG00000280404	2.75	4.00
ENSG00000280410	0.00	0.00
ENSG00000280411	0.00	0.00
ENSG00000280427	0.75	0.00
ENSG00000280428	0.00	0.00
ENSG00000280433	113.00	126.50
ENSG00000280436	1.25	1.25
ENSG00000280447	30.25	40.50
ENSG00000280454	0.00	0.00
ENSG00000280457	0.00	0.00
ENSG00000280461	0.00	0.00
ENSG00000280463	0.00	0.00
ENSG00000280467	125.75	96.50
ENSG00000280470	0.00	0.00
ENSG00000280471	0.00	0.00
ENSG00000280473	0.00	0.00
ENSG00000280475	0.00	0.25
ENSG00000280476	0.00	0.00
ENSG00000280477	566.75	603.25
ENSG00000280479	124.50	97.25
ENSG00000280490	0.00	0.00
ENSG00000280495	243.25	258.75
ENSG00000280497	0.00	0.00
ENSG00000280500	0.00	0.00
ENSG00000280501	0.00	0.00
ENSG00000280504	0.00	0.00
ENSG00000280505	0.00	0.00
ENSG00000280506	0.00	0.00
ENSG00000280514	0.50	0.00
ENSG00000280516	197.75	197.00
ENSG00000280518	34.00	30.50
ENSG00000280521	18.50	16.75
ENSG00000280525	0.00	0.00
ENSG00000280529	72.25	84.00
ENSG00000280530	0.25	0.00
ENSG00000280537	32.75	34.25
ENSG00000280544	0.50	0.25
ENSG00000280545	0.00	0.00
ENSG00000280548	484.50	483.50
ENSG00000280549	0.00	0.00
ENSG00000280550	1.00	3.75

ENSG00000280557	0.00	0.00
ENSG00000280562	0.00	0.00
ENSG00000280563	0.25	0.25
ENSG00000280568	225.00	194.75
ENSG00000280569	0.00	0.00
ENSG00000280571	2.00	5.25
ENSG00000280572	0.00	0.00
ENSG00000280575	0.00	0.00
ENSG00000280577	0.00	0.00
ENSG00000280578	0.00	0.00
ENSG00000280584	0.00	0.00
ENSG00000280585	0.00	0.00
ENSG00000280597	0.00	0.00
ENSG00000280601	0.00	0.00
ENSG00000280603	0.00	0.25
ENSG00000280606	2404.75	2236.50
ENSG00000280610	21.50	18.00
ENSG00000280616	649.00	510.50
ENSG00000280617	0.00	0.00
ENSG00000280618	327.25	319.50
ENSG00000280626	0.00	0.00
ENSG00000280627	229.25	203.50
ENSG00000280635	0.25	0.00
ENSG00000280638	11.25	10.25
ENSG00000280641	1.25	15.25
ENSG00000280649	45.00	44.75
ENSG00000280655	0.00	0.00
ENSG00000280658	0.00	0.75
ENSG00000280661	31.50	33.75
ENSG00000280663	320.75	238.00
ENSG00000280670	43.00	27.75
ENSG00000280671	0.00	0.00
ENSG00000280674	953.25	1085.00
ENSG00000280675	0.00	0.00
ENSG00000280679	0.00	0.00
ENSG00000280680	55.75	44.75
ENSG00000280681	0.00	0.00
ENSG00000280682	988.75	1186.75
ENSG00000280684	0.00	0.00
ENSG00000280688	0.00	0.25
ENSG00000280689	179.50	156.75
ENSG00000280700	0.00	0.00
ENSG00000280706	295.25	262.75

ENSG00000280712	0.00	0.00
ENSG00000280714	0.00	0.00
ENSG00000280717	0.00	0.00
ENSG00000280720	0.00	0.00
ENSG00000280732	0.00	0.00
ENSG00000280740	0.00	0.00
ENSG00000280745	0.25	0.00
ENSG00000280751	0.75	0.75
ENSG00000280754	0.00	0.25
ENSG00000280755	90.50	82.25
ENSG00000280757	0.00	0.00
ENSG00000280759	312.00	298.50
ENSG00000280768	0.00	0.00
ENSG00000280774	0.00	0.00
ENSG00000280778	0.75	1.25
ENSG00000280781	0.00	0.00
ENSG00000280782	0.00	0.00
ENSG00000280784	0.00	0.00
ENSG00000280787	55.75	58.25
ENSG00000280789	409.25	261.75
ENSG00000280794	0.00	0.00
ENSG00000280795	4.00	1.50
ENSG00000280799	0.00	0.00
ENSG00000280806	0.00	0.00
ENSG00000280807	0.00	1.75
ENSG00000280808	0.00	0.00
ENSG00000280810	16.50	14.50
ENSG00000280813	0.25	0.00
ENSG00000280814	0.00	0.00
ENSG00000280815	0.00	0.00
ENSG00000280817	0.00	0.00
ENSG00000280820	0.00	0.00
ENSG00000280825	0.00	0.00
ENSG00000280828	91.75	78.75
ENSG00000280830	38.50	42.25
ENSG00000280831	4379.25	3896.50
ENSG00000280836	0.25	0.00
ENSG00000280839	0.00	0.00
ENSG00000280840	0.00	0.25
ENSG00000280844	0.00	0.00
ENSG00000280852	30.50	14.00
ENSG00000280858	11538.00	9789.50
ENSG00000280865	0.00	0.00

ENSG00000280866	0.00	0.00
ENSG00000280872	0.00	0.00
ENSG00000280873	122.50	121.50
ENSG00000280877	0.00	0.00
ENSG00000280893	2.00	0.00
ENSG00000280895	0.00	0.25
ENSG00000280899	0.00	0.00
ENSG00000280905	0.50	0.00
ENSG00000280908	0.50	0.25
ENSG00000280909	18.50	16.75
ENSG00000280912	18.50	16.75
ENSG00000280913	4.00	4.25
ENSG00000280917	1.75	0.75
ENSG00000280929	0.00	0.25
ENSG00000280930	0.25	0.00
ENSG00000280931	0.00	0.00
ENSG00000280932	0.25	0.00
ENSG00000280935	0.00	0.00
ENSG00000280937	0.00	0.00
ENSG00000280938	0.00	0.25
ENSG00000280939	0.00	0.00
ENSG00000280940	0.00	0.00
ENSG00000280941	0.00	0.00
ENSG00000280946	0.00	0.00
ENSG00000280949	0.00	0.00
ENSG00000280951	2732.75	2855.00
ENSG00000280960	0.25	0.25
ENSG00000280962	325.50	253.75
ENSG00000280969	0.00	0.00
ENSG00000280973	0.00	0.00
ENSG00000280975	92.00	75.75
ENSG00000280982	0.00	0.00
ENSG00000280983	0.00	0.00
ENSG00000280987	1932.25	1892.50
ENSG00000280991	0.00	0.00
ENSG00000280996	0.00	0.00
ENSG00000281004	0.00	0.00
ENSG00000281012	0.00	0.00
ENSG00000281013	153.75	125.25
ENSG00000281020	0.00	0.00
ENSG00000281022	417.75	353.25
ENSG00000281024	68.50	66.50
ENSG00000281028	44.75	24.75

ENSG00000281031	0.00	0.00
ENSG00000281038	0.00	0.00
ENSG00000281039	47.25	29.50
ENSG00000281040	0.00	0.00
ENSG00000281042	0.00	0.00
ENSG00000281050	0.00	0.00
ENSG00000281051	0.25	0.25
ENSG00000281054	0.00	0.00
ENSG00000281055	0.00	0.00
ENSG00000281056	0.00	0.00
ENSG00000281058	0.00	0.00
ENSG00000281062	0.00	0.25
ENSG00000281065	0.00	0.00
ENSG00000281067	0.00	0.25
ENSG00000281071	0.00	0.00
ENSG00000281072	0.00	0.00
ENSG00000281073	0.00	0.00
ENSG00000281074	0.00	0.00
ENSG00000281076	4.75	3.00
ENSG00000281078	0.00	0.00
ENSG00000281079	0.00	0.00
ENSG00000281084	0.00	0.00
ENSG00000281087	0.00	0.00
ENSG00000281089	272.75	319.25
ENSG00000281095	0.00	0.00
ENSG00000281107	0.00	0.00
ENSG00000281112	0.00	0.00
ENSG00000281118	0.00	0.00
ENSG00000281121	0.00	0.00
ENSG00000281123	4.25	7.25
ENSG00000281126	0.00	0.00
ENSG00000281127	0.00	0.00
ENSG00000281133	0.75	1.00
ENSG00000281137	0.00	0.00
ENSG00000281139	0.00	0.00
ENSG00000281141	0.00	0.00
ENSG00000281144	0.00	0.00
ENSG00000281145	0.00	0.00
ENSG00000281149	0.00	0.00
ENSG00000281150	0.00	0.00
ENSG00000281151	0.00	0.00
ENSG00000281153	0.00	0.00
ENSG00000281154	0.00	0.00

ENSG00000281165	46.50	45.75
ENSG00000281166	3.25	9.25
ENSG00000281168	0.00	0.00
ENSG00000281173	0.00	0.00
ENSG00000281174	0.00	0.00
ENSG00000281175	0.00	0.00
ENSG00000281178	1129.25	1189.50
ENSG00000281179	0.00	0.00
ENSG00000281182	0.00	0.00
ENSG00000281185	0.00	0.00
ENSG00000281191	0.00	0.00
ENSG00000281192	0.50	0.25
ENSG00000281198	0.00	0.00
ENSG00000281208	0.00	0.00
ENSG00000281211	0.00	0.00
ENSG00000281216	348.25	258.00
ENSG00000281221	473.00	502.25
ENSG00000281227	0.00	0.00
ENSG00000281228	0.50	0.00
ENSG00000281229	0.00	0.00
ENSG00000281230	7.50	6.00
ENSG00000281233	16.75	8.75
ENSG00000281237	18.50	16.75
ENSG00000281244	95.75	87.75
ENSG00000281245	10.75	10.25
ENSG00000281246	0.00	0.00
ENSG00000281251	0.00	0.00
ENSG00000281254	0.00	0.00
ENSG00000281265	0.00	1.00
ENSG00000281267	0.75	0.25
ENSG00000281269	0.25	0.75
ENSG00000281273	0.00	0.00
ENSG00000281276	0.00	0.00
ENSG00000281277	0.25	0.00
ENSG00000281279	0.00	0.00
ENSG00000281282	0.00	0.00
ENSG00000281283	5.25	1.50
ENSG00000281287	5.50	4.75
ENSG00000281289	131.75	242.75
ENSG00000281292	0.50	0.00
ENSG00000281300	0.25	0.25
ENSG00000281306	55.25	60.75
ENSG00000281308	0.00	0.00

ENSG00000281309	318.25	315.25
ENSG00000281310	0.00	0.00
ENSG00000281313	0.00	0.00
ENSG00000281316	0.00	0.00
ENSG00000281320	263.50	177.00
ENSG00000281324	1118.75	794.50
ENSG00000281325	0.75	1.00
ENSG00000281326	0.00	0.00
ENSG00000281331	1.00	0.75
ENSG00000281334	18.50	16.75
ENSG00000281336	0.00	0.75
ENSG00000281345	0.00	0.00
ENSG00000281347	0.00	0.00
ENSG00000281348	20.00	10.00
ENSG00000281351	0.00	0.00
ENSG00000281356	3.00	2.25
ENSG00000281359	0.00	0.00
ENSG00000281361	0.00	0.00
ENSG00000281363	0.00	0.00
ENSG00000281364	0.00	0.00
ENSG00000281369	0.50	1.00
ENSG00000281370	0.00	0.00
ENSG00000281374	0.00	0.00
ENSG00000281379	9.75	5.00
ENSG00000281380	21.00	5.25
ENSG00000281385	573.25	463.50
ENSG00000281387	0.25	0.25
ENSG00000281395	0.00	0.00
ENSG00000281407	0.00	0.00
ENSG00000281409	0.25	0.50
ENSG00000281417	0.25	0.25
ENSG00000281418	18.50	16.75
ENSG00000281420	0.75	0.50
ENSG00000281422	0.00	0.00
ENSG00000281424	0.00	0.00
ENSG00000281425	0.00	0.00
ENSG00000281427	0.00	0.00
ENSG00000281429	0.00	0.00
ENSG00000281430	0.00	0.00
ENSG00000281434	718.25	669.50
ENSG00000281436	0.00	0.00
ENSG00000281442	0.25	0.00
ENSG00000281446	0.00	0.00

ENSG00000281448	51.25	49.50
ENSG00000281449	1.75	1.00
ENSG00000281459	0.25	0.50
ENSG00000281465	0.00	0.00
ENSG00000281471	0.00	0.00
ENSG00000281472	0.00	0.00
ENSG00000281478	0.00	0.00
ENSG00000281482	0.00	0.00
ENSG00000281484	12.75	12.50
ENSG00000281486	0.00	0.00
ENSG00000281487	11.25	6.75
ENSG00000281489	0.00	0.00
ENSG00000281490	252.25	231.75
ENSG00000281493	0.00	0.00
ENSG00000281496	0.00	0.00
ENSG00000281500	73.00	53.25
ENSG00000281502	0.00	0.00
ENSG00000281503	0.00	0.00
ENSG00000281505	0.00	0.00
ENSG00000281509	0.00	0.00
ENSG00000281510	0.00	0.00
ENSG00000281511	0.00	0.00
ENSG00000281518	2.00	3.50
ENSG00000281519	1.25	1.00
ENSG00000281523	0.00	0.00
ENSG00000281525	0.00	0.00
ENSG00000281526	70.50	52.50
ENSG00000281527	0.50	2.50
ENSG00000281533	0.00	0.00
ENSG00000281536	0.00	0.00
ENSG00000281537	0.00	0.00
ENSG00000281540	735.75	618.25
ENSG00000281547	0.00	0.00
ENSG00000281550	0.00	0.00
ENSG00000281552	0.00	0.00
ENSG00000281559	0.00	0.00
ENSG00000281561	0.25	0.00
ENSG00000281562	0.00	0.00
ENSG00000281565	0.00	0.00
ENSG00000281567	0.00	0.00
ENSG00000281571	52.25	47.50
ENSG00000281573	0.00	0.00
ENSG00000281577	0.00	0.00

ENSG00000281583	0.00	0.00
ENSG00000281584	0.00	0.00
ENSG00000281593	4.00	6.00
ENSG00000281597	0.00	0.75
ENSG00000281601	144.25	133.25
ENSG00000281602	0.00	0.00
ENSG00000281610	0.00	0.00
ENSG00000281612	0.00	0.00
ENSG00000281613	0.00	1.50
ENSG00000281614	14.00	8.75
ENSG00000281616	0.25	0.00
ENSG00000281617	0.25	1.00
ENSG00000281618	7.50	6.00
ENSG00000281620	0.00	0.00
ENSG00000281622	0.00	0.00
ENSG00000281626	24.75	18.25
ENSG00000281627	0.00	0.00
ENSG00000281630	1.25	3.50
ENSG00000281635	0.00	0.00
ENSG00000281642	1.00	1.00
ENSG00000281652	0.00	0.00
ENSG00000281656	0.00	0.00
ENSG00000281659	0.00	0.00
ENSG00000281660	0.00	0.00
ENSG00000281661	44.75	36.00
ENSG00000281665	613.50	535.75
ENSG00000281668	0.00	0.00
ENSG00000281674	0.00	0.00
ENSG00000281676	0.00	0.00
ENSG00000281680	0.00	0.00
ENSG00000281683	0.00	0.00
ENSG00000281687	18.50	16.75
ENSG00000281688	0.00	0.00
ENSG00000281690	9.50	6.00
ENSG00000281697	4.50	2.50
ENSG00000281699	0.00	0.25
ENSG00000281702	92.25	86.50
ENSG00000281703	8.50	4.75
ENSG00000281707	0.00	0.00
ENSG00000281709	292.75	217.50
ENSG00000281711	0.00	0.75
ENSG00000281716	0.00	0.00
ENSG00000281718	0.00	0.00

ENSG00000281720	0.00	0.00
ENSG00000281722	1.25	0.75
ENSG00000281725	0.00	0.00
ENSG00000281737	0.00	0.00
ENSG00000281741	19.00	19.00
ENSG00000281742	5.50	7.25
ENSG00000281743	0.00	0.00
ENSG00000281748	1.75	0.75
ENSG00000281754	0.00	0.00
ENSG00000281757	0.00	0.00
ENSG00000281758	0.00	0.00
ENSG00000281759	0.00	0.00
ENSG00000281760	0.00	0.00
ENSG00000281763	106.25	126.75
ENSG00000281764	0.00	0.00
ENSG00000281766	1033.25	1176.00
ENSG00000281773	0.00	0.00
ENSG00000281775	6.25	12.25
ENSG00000281777	0.00	0.00
ENSG00000281781	0.00	0.00
ENSG00000281782	1.25	1.00
ENSG00000281785	0.00	0.00
ENSG00000281797	2.25	1.25
ENSG00000281798	0.00	0.00
ENSG00000281800	0.00	0.00
ENSG00000281804	0.00	0.25
ENSG00000281805	0.00	0.00
ENSG00000281813	1028.75	892.75
ENSG00000281815	0.00	0.75
ENSG00000281818	442.00	349.75
ENSG00000281819	0.00	0.00
ENSG00000281820	0.00	0.00
ENSG00000281825	0.00	0.00
ENSG00000281828	0.00	0.50
ENSG00000281835	1.25	1.00
ENSG00000281840	14.75	9.25
ENSG00000281841	0.00	0.00
ENSG00000281844	0.00	0.00
ENSG00000281846	0.00	0.00
ENSG00000281847	2.50	1.75
ENSG00000281848	29.00	28.75
ENSG00000281855	0.00	0.00
ENSG00000281857	12.00	8.00

ENSG00000281861	0.00	0.00
ENSG00000281862	0.00	0.00
ENSG00000281873	0.00	0.00
ENSG00000281874	0.00	0.00
ENSG00000281877	6.50	6.75
ENSG00000281878	0.00	0.00
ENSG00000281879	0.00	0.00
ENSG00000281883	5.50	4.75
ENSG00000281886	0.25	0.75
ENSG00000281887	0.00	0.00
ENSG00000281889	0.25	0.50
ENSG00000281890	0.00	0.00
ENSG00000281894	68.75	45.00
ENSG00000281896	4.25	8.50
ENSG00000281897	125.75	96.50
ENSG00000281899	0.50	0.75
ENSG00000281900	0.50	0.75
ENSG00000281901	0.00	0.00
ENSG00000281909	2.50	0.75
ENSG00000281913	4.25	4.00
ENSG00000281917	443.50	351.00
ENSG00000281919	0.50	0.00
ENSG00000281922	7.00	6.75
ENSG00000281923	0.00	0.00
ENSG00000281924	0.00	0.00
ENSG00000281925	0.00	0.00
ENSG00000281926	0.00	0.00
ENSG00000281927	0.00	0.50
ENSG00000281929	0.00	0.25
ENSG00000281931	12.75	8.25
ENSG00000281933	0.00	0.00
ENSG00000281934	0.00	0.00
ENSG00000281935	22.75	12.75
ENSG00000281938	0.00	0.00
ENSG00000281939	0.00	0.00
ENSG00000281940	0.00	0.00
ENSG00000281941	1.50	0.00
ENSG00000281943	2.00	4.25
ENSG00000281944	0.00	0.00
ENSG00000281946	0.00	0.00
ENSG00000281947	0.00	0.00
ENSG00000281948	0.50	0.00
ENSG00000281950	34.25	26.75

ENSG00000281952	0.00	0.00
ENSG00000281955	2.00	0.75
ENSG00000281956	0.00	0.00
ENSG00000281957	0.00	0.00
ENSG00000281958	0.00	0.00
ENSG00000281959	0.00	0.00
ENSG00000281962	0.00	0.00
ENSG00000281963	0.00	0.00
ENSG00000281964	0.00	0.00
ENSG00000281965	342.75	330.00
ENSG00000281966	0.00	0.00
ENSG00000281967	0.00	0.00
ENSG00000281968	0.00	0.00
ENSG00000281970	0.00	0.00
ENSG00000281971	0.00	0.00
ENSG00000281972	0.00	0.00
ENSG00000281973	0.00	0.00
ENSG00000281976	8.00	10.25
ENSG00000281977	0.00	0.00
ENSG00000281978	0.00	0.00
ENSG00000281981	0.25	0.25
ENSG00000281983	0.00	0.00
ENSG00000281984	0.00	0.00
ENSG00000281986	0.00	0.00
ENSG00000281987	0.00	0.00
ENSG00000281988	0.00	0.00
ENSG00000281989	0.00	0.00
ENSG00000281990	0.00	0.00
ENSG00000281991	12.75	17.25
ENSG00000281992	0.00	0.00
ENSG00000281994	410.25	371.75
ENSG00000281996	0.00	0.00
ENSG00000281999	0.00	0.00
ENSG00000282000	0.50	0.25
ENSG00000282003	9.75	39.50
ENSG00000282004	0.00	0.00
ENSG00000282006	0.00	0.00
ENSG00000282007	0.00	0.00
ENSG00000282008	0.00	0.00
ENSG00000282010	0.00	0.00
ENSG00000282013	3.00	0.00
ENSG00000282014	0.00	0.00
ENSG00000282015	0.00	0.25

ENSG00000282016	0.00	0.00
ENSG00000282017	527.00	448.25
ENSG00000282018	0.00	0.00
ENSG00000282019	66.25	61.50
ENSG00000282023	0.00	0.00
ENSG00000282025	0.00	0.00
ENSG00000282026	0.00	0.00
ENSG00000282031	126.50	163.50
ENSG00000282032	1.25	0.50
ENSG00000282034	408.75	505.75
ENSG00000282035	3.00	1.00
ENSG00000282036	0.00	0.00
ENSG00000282037	0.00	0.00
ENSG00000282038	0.00	0.00
ENSG00000282039	1.25	0.75
ENSG00000282040	0.00	0.00
ENSG00000282042	0.00	0.00
ENSG00000282045	0.00	0.00
ENSG00000282046	23274.00	19690.25
ENSG00000282047	0.00	0.00
ENSG00000282049	0.00	0.00
ENSG00000282050	0.00	0.00
ENSG00000282051	3.50	2.75
ENSG00000282052	1.75	4.00
ENSG00000282054	14.25	15.00
ENSG00000282055	0.00	0.00
ENSG00000282058	0.00	0.00
ENSG00000282059	0.00	0.50
ENSG00000282060	0.00	0.00
ENSG00000282061	0.00	0.00
ENSG00000282062	0.00	0.00
ENSG00000282063	0.00	0.25
ENSG00000282064	0.00	0.25
ENSG00000282065	0.00	0.00
ENSG00000282066	0.00	0.00
ENSG00000282068	6.75	6.00
ENSG00000282072	0.50	1.25
ENSG00000282073	0.00	0.00
ENSG00000282074	0.50	0.50
ENSG00000282076	0.00	0.25
ENSG00000282078	0.00	0.00
ENSG00000282079	0.25	0.50
ENSG00000282082	0.00	0.00

ENSG00000282084	32.50	17.75
ENSG00000282085	0.00	0.00
ENSG00000282086	782.75	981.00
ENSG00000282087	0.00	13.50
ENSG00000282088	0.00	0.00
ENSG00000282089	0.00	0.00
ENSG00000282090	1.75	0.25
ENSG00000282092	90.50	97.25
ENSG00000282093	0.00	0.00
ENSG00000282094	0.00	0.00
ENSG00000282095	0.00	0.00
ENSG00000282098	0.00	0.00
ENSG00000282099	0.00	0.00
ENSG00000282100	0.25	0.50
ENSG00000282102	0.00	0.00
ENSG00000282104	0.00	0.00
ENSG00000282105	15.00	15.50
ENSG00000282107	0.00	0.00
ENSG00000282108	0.00	0.00
ENSG00000282109	4.75	3.75
ENSG00000282115	0.00	0.00
ENSG00000282116	0.00	0.00
ENSG00000282117	0.00	0.00
ENSG00000282118	0.00	0.00
ENSG00000282119	0.00	0.00
ENSG00000282120	0.00	0.00
ENSG00000282122	0.00	0.00
ENSG00000282123	0.00	0.00
ENSG00000282125	0.00	0.00
ENSG00000282126	0.00	0.00
ENSG00000282127	0.00	0.00
ENSG00000282130	212.50	179.25
ENSG00000282131	0.00	0.00
ENSG00000282132	0.00	0.00
ENSG00000282133	0.00	0.00
ENSG00000282134	0.00	0.00
ENSG00000282136	0.00	0.00
ENSG00000282137	0.00	0.00
ENSG00000282138	0.00	0.00
ENSG00000282139	0.00	0.00
ENSG00000282144	10.00	1.00
ENSG00000282145	0.00	0.00
ENSG00000282147	3.50	12.25

ENSG00000282148	0.00	0.00
ENSG00000282149	0.00	0.00
ENSG00000282150	0.00	0.00
ENSG00000282151	0.00	0.00
ENSG00000282152	0.00	0.00
ENSG00000282153	0.00	0.00
ENSG00000282154	0.00	0.00
ENSG00000282156	0.00	0.00
ENSG00000282157	0.00	0.00
ENSG00000282159	0.00	0.00
ENSG00000282161	0.00	0.00
ENSG00000282163	0.00	0.00
ENSG00000282168	188.50	145.00
ENSG00000282169	0.00	0.00
ENSG00000282170	0.00	0.00
ENSG00000282171	220.25	189.50
ENSG00000282172	0.00	0.00
ENSG00000282173	0.00	0.00
ENSG00000282174	1.00	0.50
ENSG00000282175	0.00	0.00
ENSG00000282178	0.00	0.00
ENSG00000282179	0.00	0.00
ENSG00000282180	0.00	0.00
ENSG00000282181	0.00	0.25
ENSG00000282182	0.00	0.00
ENSG00000282183	53.50	24.75
ENSG00000282184	0.00	0.00
ENSG00000282185	0.00	0.00
ENSG00000282186	0.00	0.00
ENSG00000282188	0.00	0.00
ENSG00000282190	0.00	0.00
ENSG00000282193	0.00	0.00
ENSG00000282194	0.00	0.00
ENSG00000282195	3.00	2.25
ENSG00000282196	0.00	0.00
ENSG00000282197	0.00	0.00
ENSG00000282198	0.00	0.25
ENSG00000282200	0.00	0.00
ENSG00000282203	0.25	0.25
ENSG00000282204	0.00	0.00
ENSG00000282206	2.25	1.50
ENSG00000282208	0.25	0.25
ENSG00000282209	0.50	0.00

ENSG00000282210	0.00	0.00
ENSG00000282211	0.00	0.00
ENSG00000282212	0.00	0.00
ENSG00000282213	0.00	0.00
ENSG00000282215	0.00	0.00
ENSG00000282216	0.00	0.00
ENSG00000282218	0.00	0.00
ENSG00000282219	0.00	0.00
ENSG00000282222	2.00	1.75
ENSG00000282223	0.00	0.00
ENSG00000282224	0.00	0.00
ENSG00000282225	0.00	0.00
ENSG00000282227	0.00	0.00
ENSG00000282228	55.75	66.75
ENSG00000282230	0.00	0.00
ENSG00000282232	0.00	0.00
ENSG00000282234	0.00	0.00
ENSG00000282236	0.00	0.00
ENSG00000282238	0.25	0.25
ENSG00000282239	0.00	0.00
ENSG00000282240	0.00	0.00
ENSG00000282242	0.00	0.00
ENSG00000282243	1520.50	1492.75
ENSG00000282244	0.00	0.00
ENSG00000282246	56.00	47.75
ENSG00000282247	0.00	0.25
ENSG00000282248	0.00	0.00
ENSG00000282249	0.00	0.00
ENSG00000282250	0.25	0.50
ENSG00000282251	0.00	0.00
ENSG00000282252	0.25	0.00
ENSG00000282253	0.00	0.00
ENSG00000282254	32.00	25.50
ENSG00000282256	2.00	0.50
ENSG00000282258	0.00	0.00
ENSG00000282259	0.00	0.00
ENSG00000282266	0.25	0.25
ENSG00000282267	0.00	0.00
ENSG00000282268	0.00	0.00
ENSG00000282269	25.50	19.50
ENSG00000282270	0.00	0.00
ENSG00000282271	0.25	0.00
ENSG00000282272	0.00	0.25

ENSG00000282273	0.00	0.00
ENSG00000282274	0.00	0.00
ENSG00000282276	2.00	0.50
ENSG00000282277	0.25	0.50
ENSG00000282278	407.75	337.50
ENSG00000282281	0.00	0.00
ENSG00000282282	0.00	0.00
ENSG00000282283	0.00	0.00
ENSG00000282284	0.00	0.00
ENSG00000282285	0.00	0.00
ENSG00000282286	0.00	0.00
ENSG00000282289	0.00	0.00
ENSG00000282290	0.00	0.00
ENSG00000282291	1.25	0.00
ENSG00000282292	0.00	0.00
ENSG00000282293	0.00	0.00
ENSG00000282294	0.00	0.00
ENSG00000282295	0.00	0.00
ENSG00000282297	0.00	0.00
ENSG00000282298	0.00	0.00
ENSG00000282299	3.25	1.75
ENSG00000282300	1.50	0.00
ENSG00000282301	32.50	33.25
ENSG00000282302	1.00	1.00
ENSG00000282303	0.00	0.00
ENSG00000282305	0.00	0.00
ENSG00000282306	3.50	4.00
ENSG00000282307	7.25	3.50
ENSG00000282308	0.00	0.50
ENSG00000282310	0.00	0.00
ENSG00000282311	0.00	0.00
ENSG00000282312	0.00	0.00
ENSG00000282315	0.00	0.00
ENSG00000282316	0.00	0.00
ENSG00000282318	0.00	0.00
ENSG00000282319	0.00	0.00
ENSG00000282320	0.00	0.00
ENSG00000282321	0.00	0.00
ENSG00000282322	0.00	0.00
ENSG00000282323	0.00	0.00
ENSG00000282324	0.00	0.25
ENSG00000282326	0.00	0.00
ENSG00000282327	0.00	0.00

ENSG00000282329	0.00	0.00
ENSG00000282331	0.00	0.00
ENSG00000282333	0.00	0.00
ENSG00000282335	0.00	0.00
ENSG00000282337	0.00	0.00
ENSG00000282339	0.50	1.25
ENSG00000282340	0.75	0.25
ENSG00000282342	0.00	0.00
ENSG00000282344	0.00	0.00
ENSG00000282345	0.00	0.00
ENSG00000282346	0.00	0.00
ENSG00000282349	0.00	0.00
ENSG00000282350	0.00	0.00
ENSG00000282351	0.00	0.00
ENSG00000282352	0.00	0.00
ENSG00000282353	0.00	0.00
ENSG00000282354	4.00	4.00
ENSG00000282356	0.00	0.00
ENSG00000282358	3.75	0.00
ENSG00000282359	0.00	0.00
ENSG00000282360	0.00	0.00
ENSG00000282363	0.00	0.00
ENSG00000282364	1.00	0.50
ENSG00000282366	0.00	0.00
ENSG00000282367	333.75	321.75
ENSG00000282368	0.00	0.75
ENSG00000282371	0.75	1.25
ENSG00000282372	0.00	0.00
ENSG00000282373	0.00	0.00
ENSG00000282374	0.00	0.00
ENSG00000282376	0.00	0.00
ENSG00000282377	38.75	21.00
ENSG00000282378	0.00	0.00
ENSG00000282379	31.50	11.00
ENSG00000282380	0.00	0.25
ENSG00000282382	0.00	0.00
ENSG00000282383	0.00	0.00
ENSG00000282387	0.00	0.00
ENSG00000282388	2.50	2.00
ENSG00000282389	0.00	0.00
ENSG00000282391	0.00	0.00
ENSG00000282392	0.00	0.00
ENSG00000282394	0.00	0.00

ENSG00000282396	0.00	0.00
ENSG00000282398	0.00	0.00
ENSG00000282399	0.00	0.00
ENSG00000282400	0.00	0.00
ENSG00000282401	0.00	0.00
ENSG00000282402	0.00	0.00
ENSG00000282403	0.00	0.00
ENSG00000282404	0.00	0.00
ENSG00000282406	0.00	0.00
ENSG00000282407	1.75	1.25
ENSG00000282409	0.00	0.00
ENSG00000282410	4.25	1.50
ENSG00000282411	0.50	0.50
ENSG00000282413	3.00	3.25
ENSG00000282414	0.00	0.00
ENSG00000282415	0.00	0.00
ENSG00000282416	0.00	0.00
ENSG00000282417	472.25	427.00
ENSG00000282419	0.50	0.00
ENSG00000282420	0.00	0.00
ENSG00000282421	0.00	0.00
ENSG00000282422	0.00	0.00
ENSG00000282423	0.00	0.00
ENSG00000282424	0.00	0.00
ENSG00000282425	0.00	0.00
ENSG00000282429	0.00	0.00
ENSG00000282431	0.00	0.00
ENSG00000282432	2.25	0.25
ENSG00000282437	0.00	0.00
ENSG00000282439	0.00	0.00
ENSG00000282441	0.00	0.00
ENSG00000282444	0.00	0.00
ENSG00000282445	0.25	0.00
ENSG00000282447	0.00	0.00
ENSG00000282448	0.00	0.00
ENSG00000282449	0.00	0.00
ENSG00000282451	0.00	0.00
ENSG00000282452	0.00	0.00
ENSG00000282453	0.00	0.00
ENSG00000282455	0.00	0.00
ENSG00000282457	39.75	49.75
ENSG00000282458	1687.50	1221.00
ENSG00000282459	0.00	0.00

ENSG00000282462	0.00	0.00
ENSG00000282463	0.00	0.00
ENSG00000282465	0.00	0.00
ENSG00000282466	0.00	0.25
ENSG00000282467	0.00	0.00
ENSG00000282468	0.00	0.00
ENSG00000282470	0.00	0.00
ENSG00000282471	0.00	0.00
ENSG00000282473	0.00	0.00
ENSG00000282475	0.00	0.50
ENSG00000282476	0.00	0.00
ENSG00000282479	0.00	0.00
ENSG00000282482	0.00	0.00
ENSG00000282483	0.00	0.00
ENSG00000282486	1.25	1.25
ENSG00000282487	0.00	0.00
ENSG00000282488	0.00	0.00
ENSG00000282489	0.00	0.00
ENSG00000282490	0.00	0.00
ENSG00000282492	0.00	0.00
ENSG00000282495	0.00	0.00
ENSG00000282496	0.00	0.00
ENSG00000282497	0.00	0.00
ENSG00000282499	0.00	0.00
ENSG00000282500	0.00	0.00
ENSG00000282501	2.25	0.50
ENSG00000282502	0.00	0.00
ENSG00000282504	0.00	0.00
ENSG00000282505	0.00	0.00
ENSG00000282506	0.00	0.00
ENSG00000282509	3.50	3.50
ENSG00000282511	3.00	1.50
ENSG00000282512	1.00	0.00
ENSG00000282513	725.25	480.50
ENSG00000282514	13.25	6.00
ENSG00000282516	0.00	0.00
ENSG00000282520	0.00	0.00
ENSG00000282521	0.00	0.00
ENSG00000282522	396.25	447.50
ENSG00000282525	0.00	0.00
ENSG00000282526	0.00	0.00
ENSG00000282528	0.00	0.00
ENSG00000282529	0.00	0.00

ENSG00000282530	0.00	0.00
ENSG00000282531	0.00	0.00
ENSG00000282532	0.00	0.00
ENSG00000282533	0.00	0.00
ENSG00000282534	0.50	0.75
ENSG00000282536	0.25	0.00
ENSG00000282537	0.00	0.25
ENSG00000282540	96.00	131.75
ENSG00000282541	0.00	0.00
ENSG00000282543	0.00	0.00
ENSG00000282544	1.00	0.00
ENSG00000282545	0.00	0.00
ENSG00000282549	0.00	0.00
ENSG00000282550	0.00	0.00
ENSG00000282551	0.00	0.00
ENSG00000282552	0.00	0.00
ENSG00000282553	0.00	0.00
ENSG00000282559	0.00	0.00
ENSG00000282560	0.00	0.00
ENSG00000282561	0.00	0.00
ENSG00000282562	0.00	0.00
ENSG00000282565	0.00	0.00
ENSG00000282566	0.00	0.25
ENSG00000282567	0.50	1.50
ENSG00000282568	0.00	0.00
ENSG00000282569	0.00	0.00
ENSG00000282571	0.00	0.00
ENSG00000282576	0.00	0.00
ENSG00000282577	0.00	0.00
ENSG00000282578	0.00	0.00
ENSG00000282579	0.00	0.00
ENSG00000282581	0.00	0.00
ENSG00000282583	0.00	1.50
ENSG00000282584	0.00	0.00
ENSG00000282586	0.00	0.00
ENSG00000282587	0.00	0.00
ENSG00000282589	0.00	0.00
ENSG00000282592	0.00	0.00
ENSG00000282593	0.00	0.00
ENSG00000282595	0.00	0.00
ENSG00000282596	0.00	0.00
ENSG00000282597	0.00	0.00
ENSG00000282599	0.00	0.00

ENSG00000282600	0.00	0.00
ENSG00000282601	0.00	0.00
ENSG00000282603	0.00	0.00
ENSG00000282604	0.00	0.00
ENSG00000282605	0.00	0.00
ENSG00000282607	1.75	1.25
ENSG00000282608	0.50	0.25
ENSG00000282609	0.00	0.00
ENSG00000282610	0.50	0.00
ENSG00000282611	0.00	0.00
ENSG00000282612	1.00	1.75
ENSG00000282614	3.00	1.50
ENSG00000282615	0.00	0.00
ENSG00000282616	0.00	0.00
ENSG00000282618	0.00	0.00
ENSG00000282619	1.75	0.50
ENSG00000282621	0.00	0.00
ENSG00000282622	0.00	0.00
ENSG00000282623	0.00	0.00
ENSG00000282624	0.00	0.00
ENSG00000282625	0.00	0.00
ENSG00000282626	0.00	0.00
ENSG00000282627	0.00	0.00
ENSG00000282628	0.00	0.00
ENSG00000282630	0.25	0.25
ENSG00000282631	0.00	0.00
ENSG00000282633	0.00	0.00
ENSG00000282635	0.00	0.00
ENSG00000282639	0.00	0.00
ENSG00000282640	0.00	0.00
ENSG00000282641	160.50	108.25
ENSG00000282642	0.00	0.00
ENSG00000282644	0.00	0.00
ENSG00000282646	0.00	0.00
ENSG00000282648	0.25	0.00
ENSG00000282651	0.00	0.00
ENSG00000282652	0.00	0.00
ENSG00000282653	0.00	0.00
ENSG00000282655	0.00	0.00
ENSG00000282656	0.00	0.00
ENSG00000282657	0.00	0.00
ENSG00000282659	0.00	0.00
ENSG00000282660	0.00	0.00

ENSG00000282663	0.00	0.00
ENSG00000282665	0.00	0.00
ENSG00000282666	0.00	0.00
ENSG00000282667	0.00	0.00
ENSG00000282668	0.00	0.00
ENSG00000282669	0.00	0.00
ENSG00000282671	0.00	0.00
ENSG00000282672	0.00	0.00
ENSG00000282673	0.00	0.00
ENSG00000282674	0.00	0.00
ENSG00000282675	0.75	0.00
ENSG00000282676	2.75	2.50
ENSG00000282677	0.25	0.25
ENSG00000282678	0.00	0.00
ENSG00000282679	0.00	0.00
ENSG00000282680	0.00	0.00
ENSG00000282682	5.50	7.25
ENSG00000282683	0.00	0.00
ENSG00000282684	15.00	9.75
ENSG00000282687	0.00	0.00
ENSG00000282688	0.25	0.00
ENSG00000282689	2.25	2.50
ENSG00000282691	0.00	0.00
ENSG00000282693	0.00	0.00
ENSG00000282694	0.00	0.00
ENSG00000282695	0.00	0.00
ENSG00000282696	0.00	0.00
ENSG00000282697	0.00	0.75
ENSG00000282698	0.00	0.00
ENSG00000282699	0.00	0.00
ENSG00000282701	0.00	0.00
ENSG00000282702	0.00	0.00
ENSG00000282704	0.00	0.00
ENSG00000282705	1.50	0.00
ENSG00000282707	2.75	3.50
ENSG00000282708	0.00	0.00
ENSG00000282709	0.00	0.00
ENSG00000282710	0.00	0.00
ENSG00000282711	0.00	0.00
ENSG00000282712	54.50	51.00
ENSG00000282713	0.00	0.00
ENSG00000282714	0.00	0.00
ENSG00000282715	0.00	0.00

ENSG00000282716	0.00	0.00
ENSG00000282719	0.00	0.00
ENSG00000282723	0.00	0.00
ENSG00000282724	0.00	0.00
ENSG00000282725	103.50	144.50
ENSG00000282726	0.00	0.00
ENSG00000282730	0.00	0.00
ENSG00000282731	0.00	0.00
ENSG00000282732	0.00	0.00
ENSG00000282733	49.50	83.25
ENSG00000282735	10.25	8.50
ENSG00000282736	0.00	0.00
ENSG00000282738	0.50	0.25
ENSG00000282739	140.75	143.50
ENSG00000282741	0.00	0.25
ENSG00000282743	0.00	0.00
ENSG00000282745	0.00	0.00
ENSG00000282748	0.00	0.00
ENSG00000282750	0.00	0.50
ENSG00000282751	0.00	0.00
ENSG00000282752	18.00	44.75
ENSG00000282754	0.00	0.00
ENSG00000282755	1.00	0.00
ENSG00000282756	0.00	0.00
ENSG00000282757	0.50	0.00
ENSG00000282758	0.00	0.00
ENSG00000282760	0.00	0.00
ENSG00000282761	0.00	0.00
ENSG00000282762	0.00	0.00
ENSG00000282764	0.00	0.00
ENSG00000282768	0.00	0.00
ENSG00000282769	0.00	0.00
ENSG00000282771	0.00	0.00
ENSG00000282773	9.50	3.75
ENSG00000282774	0.50	0.75
ENSG00000282776	0.00	0.25
ENSG00000282777	0.00	0.00
ENSG00000282778	0.00	0.00
ENSG00000282779	0.00	0.00
ENSG00000282780	0.00	0.00
ENSG00000282782	0.00	0.00
ENSG00000282783	0.00	0.00
ENSG00000282785	1.50	0.50

ENSG00000282786	0.00	0.00
ENSG00000282789	2.75	1.75
ENSG00000282791	0.00	0.00
ENSG00000282792	1.00	0.50
ENSG00000282794	0.00	0.00
ENSG00000282795	0.00	0.00
ENSG00000282796	0.00	0.00
ENSG00000282797	0.00	0.00
ENSG00000282801	0.00	0.00
ENSG00000282802	0.00	0.00
ENSG00000282803	0.00	0.00
ENSG00000282804	0.00	0.00
ENSG00000282808	0.00	0.00
ENSG00000282809	0.00	0.00
ENSG00000282811	0.00	0.00
ENSG00000282812	0.00	0.00
ENSG00000282813	280.50	254.00
ENSG00000282815	2.00	1.00
ENSG00000282817	0.00	1.25
ENSG00000282818	0.00	0.00
ENSG00000282819	0.00	0.00
ENSG00000282820	0.00	0.00
ENSG00000282821	0.00	0.00
ENSG00000282822	0.00	0.00
ENSG00000282823	0.00	0.00
ENSG00000282824	0.25	0.00
ENSG00000282825	1038.25	1165.50
ENSG00000282826	181.50	181.25
ENSG00000282827	53.00	60.00
ENSG00000282830	19.00	9.75
ENSG00000282831	0.00	0.00
ENSG00000282832	2.50	0.50
ENSG00000282833	53.50	30.50
ENSG00000282834	0.25	0.50
ENSG00000282835	8.25	10.75
ENSG00000282837	0.00	0.00
ENSG00000282838	0.75	1.00
ENSG00000282839	0.00	0.25
ENSG00000282841	0.25	0.00
ENSG00000282842	0.00	0.00
ENSG00000282844	5613.00	9511.75
ENSG00000282845	0.00	0.00
ENSG00000282847	693.75	552.00

ENSG00000282848	2.50	7.50
ENSG00000282850	0.00	0.00
ENSG00000282852	0.00	0.00
ENSG00000282853	677.25	768.75
ENSG00000282854	977.00	819.50
ENSG00000282855	2.00	0.75
ENSG00000282856	2.00	1.75
ENSG00000282857	0.00	0.00
ENSG00000282858	3.25	1.75
ENSG00000282862	0.00	0.75
ENSG00000282866	18.25	7.00
ENSG00000282868	1.25	1.25
ENSG00000282870	23.25	18.25
ENSG00000282871	44.25	31.50
ENSG00000282872	0.00	0.00
ENSG00000282873	125.25	161.25
ENSG00000282875	0.00	0.00
ENSG00000282877	0.00	0.00
ENSG00000282879	0.00	0.00
ENSG00000282880	194.75	139.25
ENSG00000282881	0.00	0.00
ENSG00000282883	1226.50	630.75
ENSG00000282884	0.00	0.00
ENSG00000282886	1.00	2.00
ENSG00000282888	155.75	139.75
ENSG00000282889	38.75	10.25
ENSG00000282891	0.00	0.00
ENSG00000282892	125.75	96.50
ENSG00000282893	4.25	4.50
ENSG00000282894	0.00	0.00
ENSG00000282895	26.00	28.50
ENSG00000282896	0.00	0.00
ENSG00000282899	4.00	4.00
ENSG00000282901	0.00	0.00
ENSG00000282902	0.00	0.25
ENSG00000282905	198.25	239.00
ENSG00000282908	16.50	12.00
ENSG00000282909	0.00	0.00
ENSG00000282910	7.75	5.25
ENSG00000282911	0.00	0.25
ENSG00000282912	2.00	1.50
ENSG00000282913	1.50	0.25
ENSG00000282918	0.00	0.25

ENSG00000282919	0.00	0.00
ENSG00000282920	0.50	0.50
ENSG00000282921	0.00	0.00
ENSG00000282922	5.25	3.25
ENSG00000282924	0.00	0.00
ENSG00000282926	0.00	0.00
ENSG00000282927	0.00	0.00
ENSG00000282928	7.50	3.25
ENSG00000282932	638.00	477.50
ENSG00000282933	0.25	0.25
ENSG00000282934	0.00	0.00
ENSG00000282935	0.00	0.00
ENSG00000282936	39.50	36.50
ENSG00000282937	0.00	0.00
ENSG00000282939	0.00	0.00
ENSG00000282941	297.25	161.25
ENSG00000282942	0.75	0.50
ENSG00000282945	168.25	221.00
ENSG00000282946	0.00	0.00
ENSG00000282947	1698.25	1423.25
ENSG00000282948	0.50	0.50
ENSG00000282949	0.00	0.00
ENSG00000282954	404.00	341.75
ENSG00000282955	319.00	197.00
ENSG00000282956	265.75	405.75
ENSG00000282957	47.75	41.75
ENSG00000282958	1002.75	870.75
ENSG00000282960	7.75	11.75
ENSG00000282963	4.00	5.50
ENSG00000282966	0.50	0.00
ENSG00000282967	3.50	3.25
ENSG00000282968	1.00	0.00
ENSG00000282970	1.25	0.25
ENSG00000282972	3.00	2.25
ENSG00000282973	0.00	0.00
ENSG00000282974	1.00	2.00
ENSG00000282978	0.00	0.25
ENSG00000282980	1.00	2.75
ENSG00000282981	0.00	0.00
ENSG00000282983	0.00	0.00
ENSG00000282984	238.75	194.25
ENSG00000282985	0.00	0.00
ENSG00000282986	809.00	699.75

ENSG00000282988	14.75	9.75
ENSG00000282989	0.00	0.00
ENSG00000282991	45.50	37.75
ENSG00000282992	2.75	3.00
ENSG00000282994	0.00	0.00
ENSG00000282995	6.50	6.25
ENSG00000282999	0.00	0.00
ENSG00000283004	225.75	178.25
ENSG00000283005	0.75	0.75
ENSG00000283006	0.25	0.25
ENSG00000283008	1.75	1.00
ENSG00000283009	474.25	301.75
ENSG00000283013	164.25	137.00
ENSG00000283014	0.00	0.00
ENSG00000283016	1.00	2.00
ENSG00000283017	1082.75	1060.25
ENSG00000283018	119.75	136.50
ENSG00000283019	0.00	0.00
ENSG00000283020	0.75	0.75
ENSG00000283021	97.50	83.50
ENSG00000283022	34.00	31.25
ENSG00000283023	14.75	13.50
ENSG00000283024	534.25	550.00
ENSG00000283026	125.75	96.50
ENSG00000283027	0.00	2.25
ENSG00000283028	12.00	10.00
ENSG00000283030	0.00	0.00
ENSG00000283032	0.00	0.00
ENSG00000283034	429.25	306.00
ENSG00000283037	8.00	6.25
ENSG00000283038	24.00	25.00
ENSG00000283039	0.00	0.00
ENSG00000283040	0.00	0.00
ENSG00000283041	609.50	555.75
ENSG00000283042	24.00	31.25
ENSG00000283043	0.00	0.00
ENSG00000283046	14.25	11.50
ENSG00000283047	0.25	0.50
ENSG00000283048	279.00	236.50
ENSG00000283050	106.50	83.50
ENSG00000283054	95.50	81.00
ENSG00000283056	0.75	0.50
ENSG00000283057	0.25	0.00

ENSG00000283059	37.75	10.00
ENSG00000283060	60.25	61.75
ENSG00000283062	0.00	0.00
ENSG00000283063	0.00	0.00
ENSG00000283065	0.00	0.00
ENSG00000283066	0.00	0.00
ENSG00000283067	0.00	0.00
ENSG00000283068	641.00	553.00
ENSG00000283069	0.00	0.00
ENSG00000283070	4.25	3.50
ENSG00000283071	0.00	0.00
ENSG00000283074	1.00	0.50
ENSG00000283076	0.00	0.00
ENSG00000283082	0.00	0.00
ENSG00000283084	0.00	0.00
ENSG00000283085	1090.00	765.50
ENSG00000283086	5.75	4.50
ENSG00000283087	252.50	249.50
ENSG00000283088	39.00	30.25
ENSG00000283090	0.00	0.00
ENSG00000283091	68.00	55.75
ENSG00000283093	0.00	0.00
ENSG00000283094	2248.50	1586.00
ENSG00000283099	0.25	0.50
ENSG00000283100	632.50	545.25
ENSG00000283101	5.75	8.25
ENSG00000283104	91.50	69.25
ENSG00000283105	0.00	0.00
ENSG00000283107	0.00	0.00
ENSG00000283110	0.00	0.00
ENSG00000283111	0.25	0.25
ENSG00000283113	0.00	0.00
ENSG00000283114	0.00	0.00
ENSG00000283115	0.00	0.00
ENSG00000283116	0.00	0.00
ENSG00000283119	0.00	0.00
ENSG00000283120	1.25	0.75
ENSG00000283123	0.00	0.00

Q5 (a). Create a scatter plot showing the mean of the treated samples against the mean of the control samples.

```
plot(meancounts)
```

Q5 (b).You could also use the ggplot2 package to make this figure producing the plot below. What geom_?() function would you use for this plot?

geom_point()

```
library("ggplot2")
ggplot(meancounts) + aes(control.mean, treated.mean) + geom_point()
```

Most of the datapoints above are squished at the lower end, so we can't really see them. This indicates we need to transform to a log scale.

Q6. Try plotting both axes on a log scale. What is the argument to plot() that allows you to do this?

log="xy"

```
plot(meancounts, log="xy")
```

```
Warning in xy.coords(x, y, xlabel, ylabel, log): 15032 x values <= 0 omitted
from logarithmic plot
```

```
Warning in xy.coords(x, y, xlabel, ylabel, log): 15281 y values <= 0 omitted
from logarithmic plot
```

Calculating log2foldchange

```
meancounts$log2fc <- log2(meancounts$treated.mean/meancounts$control.mean)
head(meancounts)
```

```
                control.mean treated.mean      log2fc
ENSG00000000003       900.75       658.00 -0.45303916
ENSG00000000005         0.00         0.00         NaN
ENSG00000000419       520.50       546.00  0.06900279
ENSG00000000457       339.75       316.50 -0.10226805
ENSG00000000460        97.25        78.75 -0.30441833
ENSG00000000938         0.75         0.00        -Inf
```

```
#There are a couple of "weird" results. Namely, the NaN ("not a number") and -Inf (negativ

#The NaN is returned when you divide by zero and try to take the log. The -Inf is returned
```

Let's filter the data to remove genes with 0 expression–I can't say anything about these genes and this drug treatment, so there's no need to include them.

```
head(meancounts[,1:2]==0)
```

```
                control.mean treated.mean
ENSG00000000003        FALSE        FALSE
ENSG00000000005         TRUE         TRUE
ENSG00000000419        FALSE        FALSE
ENSG00000000457        FALSE        FALSE
ENSG00000000460        FALSE        FALSE
ENSG00000000938        FALSE         TRUE
```

```r
#finding which genes have 0 counts
head(rowSums(meancounts[,1:2]==0))
```

```
ENSG00000000003 ENSG00000000005 ENSG00000000419 ENSG00000000457 ENSG00000000460
              0               2               0               0               0
ENSG00000000938
              1
```

```r
#saving only the genes who don't have 0 values
to.keep.inds <- rowSums(meancounts[,1:2]==0)==0
head(to.keep.inds)
```

```
ENSG00000000003 ENSG00000000005 ENSG00000000419 ENSG00000000457 ENSG00000000460
           TRUE           FALSE            TRUE            TRUE            TRUE
ENSG00000000938
          FALSE
```

```r
mycounts <-meancounts[to.keep.inds,]
head(mycounts)
```

```
                control.mean treated.mean      log2fc
ENSG00000000003       900.75       658.00 -0.45303916
ENSG00000000419       520.50       546.00  0.06900279
ENSG00000000457       339.75       316.50 -0.10226805
ENSG00000000460        97.25        78.75 -0.30441833
ENSG00000000971      5219.00      6687.50  0.35769358
ENSG00000001036      2327.00      1785.75 -0.38194109
```

How many genes do we have left?

```r
nrow(mycounts)
```

```
[1] 21817
```

Q7. What is the purpose of the arr.ind argument in the which() function call above? Why would we then take the first column of the output and need to call the unique() function?

The arr.ind argument will tell us which genes and samples have 0 counts. We take the first column and call the unique() function so we don't count any rows twice if it has 0 in multiple samples.

Q8. Can you determine how many up regulated genes we have at the greater than 2 fc level?

How many genes are "up" regulated at a threshold log2-foldchange of +2 or greater?

```r
sum(mycounts$log2fc >= 2)
```

```
[1] 314
```

314

Q9. Can you determine how many down regulated genes we have at the greater than 2 fc level?

```r
sum(mycounts$log2fc<= -2)
```

```
[1] 485
```

485

Q10. Do you trust these results? Why or why not?

No, we still need to know which values are statistically significant before we can trust the results.

4. DESeq2 analysis

Deseq2 does the work for us and gives us the p-values and adjusted p-values.

```
library(DESeq2)
```

It wants counts and colData and the "design" (what to compare to what).

```
dds <-DESeqDataSetFromMatrix(countData=counts,
                             colData=metadata,
                             design= ~dex)
```

```
converting counts to integer mode

Warning in DESeqDataSet(se, design = design, ignoreRank): some variables in
design formula are characters, converting to factors
```

```
dds<-DESeq(dds)
```

```
estimating size factors

estimating dispersions

gene-wise dispersion estimates

mean-dispersion relationship

final dispersion estimates

fitting model and testing
```

```r
res <-results(dds)
head(res)
```

```
log2 fold change (MLE): dex treated vs control
Wald test p-value: dex treated vs control
DataFrame with 6 rows and 6 columns
                  baseMean log2FoldChange     lfcSE      stat    pvalue
                 <numeric>      <numeric> <numeric> <numeric> <numeric>
ENSG00000000003 747.194195     -0.3507030  0.168246 -2.084470 0.0371175
ENSG00000000005   0.000000             NA        NA        NA        NA
ENSG00000000419 520.134160      0.2061078  0.101059  2.039475 0.0414026
ENSG00000000457 322.664844      0.0245269  0.145145  0.168982 0.8658106
ENSG00000000460  87.682625     -0.1471420  0.257007 -0.572521 0.5669691
ENSG00000000938   0.319167     -1.7322890  3.493601 -0.495846 0.6200029
                     padj
                <numeric>
ENSG00000000003  0.163035
ENSG00000000005        NA
ENSG00000000419  0.176032
ENSG00000000457  0.961694
ENSG00000000460  0.815849
ENSG00000000938        NA
```

```r
#base mean is the mean across all samples
#padj takes into account multiple tests --> helps keep the false discovery rate low
```

6. Data Visualization

To keep both our inner biologist and inner stats nerd happy, we often view our data in plots of log2 fold change vs p-value

```r
plot(res$log2FoldChange, res$padj)
```

```
#this isn't helpful
```

```
#take the log of padj to make a useful graph
plot(res$log2FoldChange, log(res$padj))
```

```
#people don't like looking at it because it's "upside down", so we'll just flip it
```

```
#to flip the graph, just add a minus sign in front of "log(res$padj)"
plot(res$log2FoldChange, -log(res$padj),
     xlab="Log2 Fold-Change",
     ylab="Minus Log p-value")
#add lines to show upregulated/downregulated genes
abline(v=c(-2,2), col="red")
#add line to show significant values
#have to do "-log()" of the p-value because that's how our graph is arranged
abline(h=-log(0.05), col="red")
```

```
#all the values above the horizontal red line are significant
```