

EnsemblGeneID	MergedTranscriptID	expon-proportion	normalized.expression
ENSG00000001497	ENST-M000374807 HEK	0.708752095615556	0.234275541049838
ENSG00000001497	ENST00000374804 HEK	0.23654082157816	0.07818774617868
ENSG00000001497	ENST00000312391 HEK	0.0547070828062838	0.0180832360186098
ENSG00000004139	ENST00000379061 HEK	0.672012243984159	0.0878241130032663
ENSG00000004139	ENST00000003834 HEK	0.327987756015841	0.0428641501786417
ENSG00000005339	ENST-M000262367 HEK	0.906021484780637	0.0836283046989598
ENSG00000005339	ENST00000382070 HEK	0.0939785152193633	0.00867447851727667
ENSG00000005700	ENST00000306270 HEK	0.800394066688041	0.0793882156105065
ENSG00000005700	ENST00000369751 HEK	0.199605933311959	0.0197981963265632
ENSG00000005810	ENST-M000357337 HEK	0.609333877725004	0.120490569635735
ENSG00000005810	ENST00000315076 HEK	0.390666122274996	0.0772508887673265
ENSG00000006125	ENST-M000389024 HEK	0.905494249204036	0.2768184738723
ENSG00000006125	ENST-M000262325 HEK	0.094505750795964	0.0288913350145416
ENSG00000006712	ENST00000221265 HEK	0.668052748787323	0.269947586032742
ENSG00000006712	ENST00000221266 HEK	0.331947251212677	0.134133658334207
ENSG00000007202	ENST-M000389003 HEK	0.6766587558184	0.219436924998797
ENSG00000007202	ENST00000005905 HEK	0.323341244181599	0.104857888467991
ENSG00000007923	ENST00000377577 HEK	0.446726148728388	0.121050145652000
ENSG00000007923	ENST00000377593 HEK	0.265960967936115	0.0720678966253848
ENSG00000007923	ENST-M000294401 HEK	0.191593736722932	0.0519164812768172
ENSG00000007923	ENST00000349363 HEK	0.0957191466125648	0.0259371802436866
ENSG00000008294	ENST00000262013 HEK	0.533880019048905	0.115631062327507
ENSG00000008294	ENST-M000357122 HEK	0.308828799427024	0.0668880663837025
ENSG00000008294	ENST00000356471 HEK	0.102357297177607	0.0221691814402495
ENSG00000008294	ENST00000357791 HEK	0.0549338843464643	0.0118979230878019
ENSG00000008300	ENST00000341520 HEK	0.551244790232214	0.251989389920424
ENSG00000008300	ENST00000383733 HEK	0.183662423187728	0.0839572233433466
ENSG00000008300	ENST00000164024 HEK	0.107399268171551	0.0490952051502359
ENSG00000008300	ENST00000337000 HEK	0.0802840901606511	0.0367000999526481
ENSG00000008710	ENST-M000262304 HEK	0.957508654628092	0.0643514304340742
ENSG00000009307	ENST-M000358528 HEK	0.563807031571601	118.382.921.139.280
ENSG00000009307	ENST00000261443 HEK	0.306271736106393	0.643080712945468
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ENSG00000009335	ENST-M000348165 HEK	0.502924549695659	0.143052004813744
ENSG00000009335	ENST-M000389103 HEK	0.497075450304341	0.141388285286055
ENSG00000009413	ENST00000358285 HEK	0.942269458397006	0.575977795009931
ENSG00000010244	ENST00000321233 HEK	0.569289996808152	0.429747994707685
ENSG00000010244	ENST00000341711 HEK	0.255006501623329	0.19250036593736
ENSG00000010244	ENST00000342555 HEK	0.175703501568519	0.132635788237178
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ENSG00000010292	ENST00000382457 HEK	0.104696351224386	0.0484422882379567
ENSG00000010810	ENST00000368667 HEK	0.56146965192173	0.194731472216824
ENSG00000010810	ENST00000368678 HEK	0.248373636785557	0.086142080494567
ENSG00000010810	ENST00000354650 HEK	0.0547149243975818	0.0189764802847414
ENSG00000010810	ENST00000356013 HEK	0.0532126498660897	0.0184554545619975
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ENSG00000011304	ENST00000356948 HEK	0.634981713039364	137.585.202.906.312
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ENSG00000011451	ENST00000389282 HEK	0.888529390617687	0.124960435459572
ENSG00000011451	ENST00000263381 HEK	0.111470609382313	0.0156769331847022
ENSG00000012048	ENST-M000309486 HEK	0.599215881760871	0.123196978733472
ENSG00000012048	ENST-M000351666 HEK	0.237371713791130	0.0488029087111612
ENSG00000012048	ENST00000359270 HEK	0.114086286311072	0.0234557965105052
ENSG00000012660	ENST-M000304434 HEK	0.91937953436623	0.56090880667329
ENSG00000012660	ENST00000370913 HEK	0.08062046563377	0.049186138566001
ENSG00000013810	ENST-M000313288 HEK	0.957383852524335	0.262461442128425
ENSG00000015479	ENST00000361059 HEK	0.836655087079166	100.166.845.484.411
ENSG00000015479	ENST00000337359 HEK	0.163344912920834	0.195561407632458
ENSG00000022267	ENST00000370690 HEK	0.586014591306417	0.572986856712215
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ENSG00000022267	ENST00000370676 HEK	0.0862326626034416	0.08431561777484
ENSG00000023287	ENST00000025008 HEK	0.745625149723548	0.0831117011818216

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ENSG00000026025	ENST00000224237	HEK	0.986563232660063	563.528.636.934.395
ENSG00000028203	ENST00000356859	HEK	0.557854240655338	0.151469606359243
ENSG00000028203	ENST00000261219	HEK	0.442145759344662	0.120052227339295
ENSG00000029363	ENST00000031135	HEK	0.905397618106474	0.452385287703108
ENSG00000029363	ENST00000353331	HEK	0.094602381893526	0.047268432006488
ENSG00000030066	ENST00000378460	HEK	0.517881285199038	0.0834059266159544
ENSG00000030066	ENST00000263764	HEK	0.482118714800962	0.077646285540928
ENSG00000030582	ENST00000053867	HEK	0.869298089403206	0.805340677369495
ENSG00000030582	ENST00000357351	HEK	0.130701910596794	0.121085697181013
ENSG00000031698	ENST00000234677	HEK	0.985740959432762	170.327.368.041.396
ENSG00000031823	ENST00000034275	HEK	0.87923103864781	0.291837203578573
ENSG00000031823	ENST00000324807	HEK	0.104163097606897	0.0345741514863141
ENSG00000033050	ENST00000222388	HEK	0.859065255239659	0.517782510810796
ENSG00000033050	ENST00000287844	HEK	0.140934744760341	0.0849452885649883
ENSG00000035928	ENST-M000349703	HEK	0.963246456254422	0.190895072612070
ENSG00000036549	ENST00000370801	HEK	0.966337421798176	0.155093728783093
ENSG00000038219	ENST00000040738	HEK	0.698539904664654	0.0617422484818698
ENSG00000038219	ENST00000382428	HEK	0.269564814210421	0.0238261803367395
ENSG00000038382	ENST-M000322870	HEK	0.922344442263177	0.0798596191958178
ENSG00000038382	ENST00000344135	HEK	0.0776555577368226	0.00672367391739753
ENSG00000038427	ENST00000343200	HEK	0.607791541853202	0.0538500839226852
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ENSG00000038427	ENST00000265077	HEK	0.0784630303176058	0.0069517926402006
ENSG00000038427	ENST00000342785	HEK	0.0661425469730396	0.00586020281641002
ENSG00000039123	ENST00000381347	HEK	0.832007443731663	0.139840634211398
ENSG00000039123	ENST00000230640	HEK	0.167992556268337	0.0282355473960577
ENSG00000040275	ENST00000265295	HEK	0.921596591879358	0.267118880233818
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ENSG00000044115	ENST00000302763	HEK	0.809456502061582	0.494838730099423
ENSG00000044115	ENST00000355078	HEK	0.190543497938418	0.116483470462475
ENSG00000047315	ENST00000381227	HEK	0.81204224855291	0.239294829717338
ENSG00000047315	ENST00000314595	HEK	0.187957751447090	0.0553879040243736
ENSG00000047410	ENST00000367478	HEK	0.410414242179075	0.180766735629858
ENSG00000047410	ENST00000264142	HEK	0.391105859918046	0.172262368887886
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ENSG00000047849	ENST00000360240	HEK	0.77022784008112	0.366987240333371
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ENSG00000048707	ENST-M000011700	HEK	0.51232207844483	0.0173890205934656
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ENSG00000049618	ENST-M000275248	HEK	0.437378494240184	0.0499125282870888
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ENSG00000049618	ENST00000354354	HEK	0.0584887957100676	0.00667459353580694
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ENSG00000051108	ENST00000344114	HEK	0.0547414116733585	0.0356433758568819
ENSG00000052749	ENST00000370992	HEK	0.916767369666716	0.139574784798586
ENSG00000052749	ENST00000315563	HEK	0.083232630333284	0.0126718913122003
ENSG00000052841	ENST-M000389642	HEK	0.703464574497048	0.247459090725931
ENSG00000052841	ENST00000299240	HEK	0.296535425502952	0.104312838802796
ENSG00000053747	ENST00000313654	HEK	0.707535904549764	0.0455368426082672
ENSG00000053747	ENST00000269217	HEK	0.292464095450236	0.018822919653189
ENSG00000054654	ENST-M000261678	HEK	0.825631868359722	0.0286139230598016
ENSG00000054654	ENST00000341472	HEK	0.174368131640278	0.00604307621113099
ENSG00000055130	ENST00000325222	HEK	0.716537717596561	0.33254850526727
ENSG00000055130	ENST00000182065	HEK	0.283462282403439	0.131556170733202

ENSG00000055208	ENST00000286332	HEK	0.877443682633809	0.166492245306707
ENSG00000055208	ENST00000367456	HEK	0.122556317366191	0.0232546850113163
ENSG00000055609	ENST00000262189	HEK	0.662543724863196	0.0363657307937027
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ENSG00000055917	ENST00000338086	HEK	0.461395553974609	0.0924522417245607
ENSG00000055917	ENST-M000355141	HEK	0.372158637317313	0.0745713737394115
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ENSG00000056097	ENST00000265069	HEK	0.509688075809502	0.133893041971691
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ENSG00000057608	ENST00000380131	HEK	0.600216939614561	0.489358695740044
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ENSG00000057608	ENST00000380153	HEK	0.0621870364568827	0.0507012798939345
ENSG00000058600	ENST00000299853	HEK	0.705035732128186	0.286107259978728
ENSG00000058600	ENST00000359210	HEK	0.294964267871814	0.119698072915675
ENSG00000058804	ENST00000371429	HEK	0.506742705324708	0.177918978383044
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ENSG00000060138	ENST00000228251	HEK	0.733815534288372	164.078.531.042.933
ENSG00000060138	ENST00000279550	HEK	0.266184465711628	0.595178952742756
ENSG00000060237	ENST00000252477	HEK	0.853105456108108	0.238876320968608
ENSG00000060237	ENST00000340908	HEK	0.113422121219432	0.0317590971190788
ENSG00000061987	ENST00000280379	HEK	0.958166611584827	0.0795156360655604
ENSG00000063601	ENST00000370390	HEK	0.889023734020298	0.22757675418068
ENSG00000063601	ENST00000370387	HEK	0.110976265979702	0.0284082611479254
ENSG00000064419	ENST00000265388	HEK	0.952465976760305	0.223265694547053
ENSG00000064607	ENST00000330854	HEK	0.85593731849588	0.17664108354101
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ENSG00000065000	ENST00000355272	HEK	0.502924235719376	0.304254979936647
ENSG00000065000	ENST00000345016	HEK	0.249616762260283	0.151011101870482
ENSG00000065000	ENST00000356926	HEK	0.173275129590209	0.104826566971025
ENSG00000065150	ENST00000389591	HEK	0.989095798904556	107.390.207.805.581
ENSG00000065183	ENST00000349139	HEK	0.892767892862542	0.190835724396027
ENSG00000065183	ENST00000369441	HEK	0.107232107137458	0.0229216541137865
ENSG00000065427	ENST00000302445	HEK	0.630802525181902	0.412935758915573
ENSG00000065427	ENST00000319410	HEK	0.214850638464775	0.140645460197490
ENSG00000065427	ENST00000378668	HEK	0.154346836353323	0.101038479494669
ENSG00000065526	ENST00000375759	HEK	0.977635827384157	0.248069919790397
ENSG00000065548	ENST00000337859	HEK	0.810028583552821	0.344247917782219
ENSG00000065548	ENST00000360858	HEK	0.189971416447179	0.0807345146553282
ENSG00000065978	ENST-M000318612	HEK	0.935958448282666	312.381.967.903.561
ENSG00000065978	ENST00000321358	HEK	0.0640415517173345	0.213742671907769
ENSG00000066279	ENST-M000367407	HEK	0.834732845335864	0.0667557781612801
ENSG00000066279	ENST00000294732	HEK	0.0860594226924524	0.00688239807747548
ENSG00000067141	ENST-M000261908	HEK	0.520785466057711	0.0687178341143396
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ENSG00000067225	ENST00000335181	HEK	0.605249467209653	240.561.898.742.814
ENSG00000067225	ENST-M000389088	HEK	0.354699695798874	140.978.616.137.003
ENSG00000067560	ENST00000265538	HEK	0.741597529328835	280.005.048.456.868
ENSG00000067560	ENST00000360960	HEK	0.258402470671165	0.975650450010754
ENSG00000067829	ENST00000370092	HEK	0.74272449598937	0.653531675032372
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ENSG00000068878	ENST00000185162	HEK	0.408093647544037	0.0752471439622182
ENSG00000068878	ENST00000378234	HEK	0.343195711790144	0.0632808113718609
ENSG00000068878	ENST00000389993	HEK	0.248710640665819	0.0458589970604649
ENSG00000069248	ENST00000261396	HEK	0.77668017654802	0.334619827980127
ENSG00000069248	ENST00000366679	HEK	0.0816197253608687	0.0351645108047257
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ENSG00000069275	ENST00000367142	HEK	0.658357165472902	0.468346117550107
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ENSG00000070610	ENST-M000378094	HEK	0.822856255639434	0.248917996768579
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ENSG00000070814	ENST-M000323668	HEK	0.530333665788152	0.251895035040121
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ENSG00000071054	ENST-M000324219	HEK	0.589766429486443	0.121711597075147
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ENSG00000071553	ENST-M000321115	HEK	0.73612099482115	0.764131719576475
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ENSG00000072042	ENST-M000177432	HEK	0.761738538115606	0.360622803960579
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ENSG00000072778	ENST-M000322910	HEK	0.676112121817244	0.274984577771402
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ENSG00000073536	ENST00000360831	HEK	0.7809380896207	0.0998387414285886
ENSG00000073536	ENST00000262335	HEK	0.219061910379301	0.0280058889659669
ENSG00000073614	ENST00000261253	HEK	0.551051119882786	0.052192475617985
ENSG00000073614	ENST00000382815	HEK	0.448948880117214	0.0425219233457388
ENSG00000075151	ENST00000374937	HEK	0.340778958609364	0.147810510628396
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ENSG00000185504	ENST00000389585	HEK	0.217662909368674	0.0421583639297968
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ENSG00000186635	ENST00000334805	HEK	0.555463592152458	0.122033898305085
ENSG00000186635	ENST00000359373	HEK	0.37858914466952	0.0831750448323326
ENSG00000186792	ENST00000336089	HEK	0.952505887859848	0.313588850174216
ENSG00000187514	ENST00000358839	HEK	0.99555564371079	149.002.976.123.809
ENSG00000187522	ENST00000309584	HEK	0.555187235502534	0.178715957739529
ENSG00000187522	ENST00000378348	HEK	0.290875763340149	0.093633529923463
ENSG00000187522	ENST00000378372	HEK	0.153937001157317	0.0495526496902959
ENSG00000187555	ENST-M000389035	HEK	0.585990290082486	0.146543615769496
ENSG00000187555	ENST00000381886	HEK	0.414009709917514	0.103534957629507
ENSG00000187741	ENST00000389300	HEK	0.547396668890361	0.142991054802644
ENSG00000187741	ENST00000305699	HEK	0.436074710566958	0.113911513132018
ENSG00000187778	ENST00000343810	HEK	0.586240537219221	0.250896434583696
ENSG00000187778	ENST00000357123	HEK	0.413759462780779	0.177078805364399
ENSG00000188428	ENST00000379757	HEK	0.920078205348954	118.801.453.967.499
ENSG00000188428	ENST00000379741	HEK	0.0774993738203453	0.100067996806161
ENSG00000188554	ENST00000341165	HEK	0.909805595861425	0.217378118740983
ENSG00000189091	ENST00000302516	HEK	0.988888665974325	0.631141114996941
ENSG00000196305	ENST00000375660	HEK	0.88900081286716	0.993167086901948
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ENSG00000196453	ENST00000314683	HEK	0.56761661405821	0.161504745984232
ENSG00000196453	ENST00000247930	HEK	0.43238338594179	0.123026647185436
ENSG00000196504	ENST-M000356402	HEK	0.601675219670328	0.255218232248584
ENSG00000196504	ENST00000354363	HEK	0.398324780329672	0.168961165381294
ENSG00000196547	ENST00000360468	HEK	0.694781796562657	0.141811159295627
ENSG00000196547	ENST00000388960	HEK	0.305218203437343	0.0622977566218875
ENSG00000196562	ENST00000359930	HEK	0.923639392577178	0.146249525510042
ENSG00000196562	ENST00000371978	HEK	0.0763606074228217	0.0120909769472756
ENSG00000196576	ENST00000359337	HEK	0.946895564051017	0.216777120387549
ENSG00000196576	ENST00000355613	HEK	0.0531044359489833	0.0121574407377891
ENSG00000196642	ENST-M000290079	HEK	0.332297305372114	0.265883446781149
ENSG00000196642	ENST00000311502	HEK	0.313623809925707	0.250942087785827
ENSG00000196642	ENST00000371671	HEK	0.094042925060057	0.075247245933423
ENSG00000196642	ENST00000357466	HEK	0.063378063026274	0.0507111480451769
ENSG00000196924	ENST-M000356744	HEK	0.593215164515749	0.337032248997327
ENSG00000196924	ENST00000344736	HEK	0.363446479419407	0.206490311907108
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ENSG00000197150	ENST-M000356058	HEK	0.171496450050864	0.0379377643106088
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ENSG00000197150	ENST-M000357922	HEK	0.140274204300846	0.0310309029723083
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ENSG00000197386	ENST00000355072	HEK	0.540248183109941	0.0816966094663145
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ENSG00000197451	ENST-M000358344	HEK	0.73897377618208	0.836259380355491
ENSG00000197451	ENST00000355836	HEK	0.261026223817920	0.295390222524923
ENSG00000197771	ENST00000369077	HEK	0.642984961989994	0.250153580517315
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ENSG00000197969	ENST00000376646	HEK	0.391027358041311	0.0189899762472817
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ENSG00000197969	ENST00000376634	HEK	0.130949591072461	0.00635947734325684
ENSG00000197969	ENST-M000355766	HEK	0.127701163733535	0.0062017196909119
ENSG00000198000	ENST-M000358855	HEK	0.937404945539326	0.108760335039892
ENSG00000198000	ENST00000360868	HEK	0.0625950544606738	0.00726245271841009

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ENSG00000198176	ENST00000375370	HEK	0.988625705740713	0.611899757116383
ENSG00000198198	ENST00000310739	HEK	0.255058367868463	0.0344718077005716
ENSG00000198198	ENST00000343292	HEK	0.189330880026888	0.0255885652472798
ENSG00000198198	ENST00000358311	HEK	0.173563381066552	0.0234575463882555
ENSG00000198198	ENST00000372450	HEK	0.164203159085314	0.0221924878259020
ENSG00000198198	ENST00000372438	HEK	0.121500092178759	0.0164210562789607
ENSG00000198231	ENST00000359353	HEK	0.679805370987018	0.251018628232168
ENSG00000198231	ENST-M000389923	HEK	0.320194629012982	0.118232099910375
ENSG00000198492	ENST00000331716	HEK	0.769466050144716	0.310802013977037
ENSG00000198492	ENST00000373812	HEK	0.230533949855284	0.0931170594097401
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ENSG00000198561	ENST00000378312	HEK	0.0821925036300316	0.0508520407525896
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ENSG00000198646	ENST00000359003	HEK	0.819944995270227	0.0807680194330725
ENSG00000198646	ENST00000374796	HEK	0.180055004729773	0.0177361727980833
ENSG00000198715	ENST00000362007	HEK	0.61343080852346	0.278319971155965
ENSG00000198715	ENST00000368264	HEK	0.337217523267618	0.152999115866121
ENSG00000198755	ENST00000361957	HEK	0.944730786870246	54.517.234.496.601
ENSG00000198755	ENST00000322203	HEK	0.0552692131297543	0.318940029743232
ENSG00000198793	ENST-M000361445	HEK	0.936604348378958	0.220595793409411
ENSG00000198793	ENST00000376838	HEK	0.0633956516210416	0.014931399893941
ENSG00000198862	ENST-M000389194	HEK	0.698712450495874	0.0531481996024361
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ENSG00000198901	ENST00000361919	HEK	0.626475195655758	0.355117697801344
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ENSG00000198952	ENST00000361813	HEK	0.932661698604729	0.391614036556716
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ENSG00000204120	ENST00000373563	HEK	0.588103934493365	0.101711037894926
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ENSG00000204209	ENST00000374542	HEK	0.568385853742229	0.171412658777548
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ENSG00000204310	ENST00000375107	HEK	0.691144858470447	0.251443299345544
ENSG00000204310	ENST00000336984	HEK	0.283363256827022	0.103089520723002
ENSG00000204356	ENST00000375429	HEK	0.907834035948468	0.38692590793739
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ENSG00000204463	ENST00000375956	HEK	0.527127171804916	0.270903035657640
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ENSG00000204469	ENST-M000376010	HEK	0.848703639777712	0.434783245518073
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ENSG00000204574	ENST00000326195	HEK	0.673375859864962	0.265257449796018
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ENSG00000204628	ENST00000376817	HEK	0.88153531514099	192.994.387.764.164
ENSG00000204628	ENST-M000389598	HEK	0.118464684859010	259.354.548.063.485
ENSG00000204820	ENST00000377563	HEK	0.881162707170195	0.0679215771786579
ENSG00000204820	ENST00000377560	HEK	0.118837292829805	0.00916018834088418
ENSG00000204843	ENST00000361874	HEK	0.985541178832247	0.636014397568981
ENSG00000205250	ENST-M000388769	HEK	0.69530100824465	0.355700711657743
ENSG00000205250	ENST00000379378	HEK	0.30469899175535	0.155877306265374
ENSG00000205339	ENST-M000389604	HEK	0.820488041756765	0.714264081864644
ENSG00000205339	ENST00000379719	HEK	0.179511958243235	0.156271557308497
ENSG00000205581	ENST00000380747	HEK	0.519689790842582	0.393500209995807
ENSG00000205581	ENST00000380748	HEK	0.288236025893842	0.218247382796749
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ENSG00000205726	ENST00000381291	HEK	0.779432876553764	0.111850126831552

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ENSG0000005339	ENST-M000262367	Bcells	0.54406196724487	0.0546486611292451
ENSG0000005339	ENST00000382070	Bcells	0.45593803275513	0.0457969947323214
ENSG0000005810	ENST-M000357337	Bcells	0.68782803105045	0.175132807058075
ENSG0000005810	ENST00000315076	Bcells	0.31217196894955	0.079484334366959
ENSG0000005844	ENST00000356798	Bcells	0.525731202164991	0.148719369711011
ENSG0000005844	ENST00000315171	Bcells	0.312858781505113	0.0885018058703565
ENSG0000005844	ENST00000358164	Bcells	0.161410016329896	0.04565982729344
ENSG0000007202	ENST-M000389003	Bcells	0.500204059746263	0.116426022277611
ENSG0000007202	ENST00000005905	Bcells	0.499795940253736	0.116331029587721
ENSG0000007312	ENST00000006750	Bcells	0.865567995084	149.496.960.077.752
ENSG0000007312	ENST00000349817	Bcells	0.134432004916000	0.232184833383878
ENSG0000008130	ENST00000341426	Bcells	0.421108918659360	0.167228598267596
ENSG0000008130	ENST00000342348	Bcells	0.307090621415125	0.121950241101204
ENSG0000008130	ENST-M000160596	Bcells	0.229330550621845	0.0910705635077022
ENSG0000008300	ENST00000341520	Bcells	0.542009713174973	0.106763925729443
ENSG0000008300	ENST00000358747	Bcells	0.216645164520620	0.0426743058146185
ENSG0000008300	ENST00000307364	Bcells	0.0700482850481084	0.0137979628788254
ENSG0000008300	ENST00000164024	Bcells	0.0518151825476077	0.01020644449523702
ENSG0000008710	ENST-M000262304	Bcells	0.838846576411946	0.0499324019568158
ENSG0000008710	ENST00000306101	Bcells	0.161153423588054	0.00959266896902019
ENSG0000008853	ENST00000355165	Bcells	0.87544579082782	0.148396215170051
ENSG0000008853	ENST00000251822	Bcells	0.0987529546825886	0.0167395455724316
ENSG0000009307	ENST-M000358528	Bcells	0.541813052706915	0.458233670974652
ENSG0000009307	ENST00000261443	Bcells	0.244152603844305	0.206489938510423
ENSG0000009307	ENST00000369535	Bcells	0.184453569381972	0.156
ENSG0000009335	ENST-M000389103	Bcells	0.618372361566047	0.0886009432792358
ENSG0000009335	ENST-M000348165	Bcells	0.381627638433953	0.0546799482775135
ENSG0000009413	ENST00000358285	Bcells	0.937092152225025	0.498554907510991
ENSG0000010244	ENST00000321233	Bcells	0.586084278825905	0.369518755272234
ENSG0000010244	ENST00000342555	Bcells	0.236371838947210	0.149029467031869
ENSG0000010244	ENST00000341711	Bcells	0.177543882226884	0.111939181337718
ENSG0000010292	ENST00000315579	Bcells	0.965953199117907	0.48733727315756
ENSG0000010671	ENST00000308731	Bcells	0.65444550914334	0.185399723041803
ENSG0000010671	ENST00000372859	Bcells	0.113091579821977	0.0320380341593302
ENSG0000010671	ENST00000372860	Bcells	0.0748881807722854	0.0212152849707235
ENSG0000010671	ENST00000372855	Bcells	0.0708279423827327	0.0200650485302716
ENSG0000010671	ENST00000372869	Bcells	0.052912016716281	0.014989595172901
ENSG0000010818	ENST00000367603	Bcells	0.515499253353257	0.0338247810574384
ENSG0000010818	ENST-M000012134	Bcells	0.484500746646743	0.0317907961474024
ENSG0000011052	ENST-M000311032	Bcells	0.976296471145351	238.714.611.921.386
ENSG0000011304	ENST00000356948	Bcells	0.561685237886567	103.250.394.791.659
ENSG0000011304	ENST00000349038	Bcells	0.321632874836333	0.591233649468535
ENSG0000011304	ENST00000350092	Bcells	0.116681887277100	0.214487583325619
ENSG0000012048	ENST-M000309486	Bcells	0.476013657857619	0.0615103159973473
ENSG0000012048	ENST00000359270	Bcells	0.246841430982808	0.0318967621419204
ENSG0000012048	ENST-M000346315	Bcells	0.154847735536313	0.0200093694520866
ENSG0000012048	ENST-M000351666	Bcells	0.122297175623261	0.0158031976477867
ENSG0000012124	ENST00000085219	Bcells	0.926782313311365	106.949.711.307.560
ENSG0000012124	ENST00000341773	Bcells	0.0533434731976777	0.0615578111137033
ENSG0000013810	ENST-M000313288	Bcells	0.96839791792424	0.657128168634103
ENSG0000015133	ENST-M000389856	Bcells	0.469767929646021	0.196631473240786
ENSG0000015133	ENST00000331194	Bcells	0.455768796435643	0.190771834867165
ENSG0000015133	ENST00000334448	Bcells	0.0744632739183363	0.0311682052538741
ENSG0000015479	ENST00000361059	Bcells	0.871194807473319	0.511579536411854
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ENSG0000019582	ENST00000353334	Bcells	0.84989273972991	925.144.931.069.406
ENSG0000019582	ENST00000377795	Bcells	0.105310304032687	114.634.811.442.418
ENSG0000023516	ENST-M000025301	Bcells	0.87078213338681	0.0499226577872527
ENSG0000023516	ENST00000316176	Bcells	0.129217866613191	0.00740816685091957
ENSG0000029363	ENST00000031135	Bcells	0.769715852822232	0.165682558075520
ENSG0000029363	ENST00000353331	Bcells	0.230284147177768	0.0495690279065408
ENSG0000030582	ENST00000053867	Bcells	0.784157022385888	0.291744067362491
ENSG0000030582	ENST00000357351	Bcells	0.215842977614112	0.080303952401237

ENSG00000031698	ENST00000234677	Bcells	0.92080593341474	0.556360356926151
ENSG00000031698	ENST-M000369920	Bcells	0.0791940665852601	0.0478498645077295
ENSG00000032444	ENST-M000389264	Bcells	0.761485010243271	0.0850171959208321
ENSG00000032444	ENST00000221249	Bcells	0.238514989756729	0.0266293825110555
ENSG00000033050	ENST00000222388	Bcells	0.746290963732052	0.329863558324050
ENSG00000033050	ENST00000287844	Bcells	0.253709036267948	0.112140397712705
ENSG00000035928	ENST-M000349703	Bcells	0.9627161617319	0.209089266966001
ENSG00000038219	ENST00000040738	Bcells	0.630069456322864	0.0448773777588066
ENSG00000038219	ENST00000382428	Bcells	0.331822396635597	0.0236344087040105
ENSG00000047315	ENST00000381227	Bcells	0.903248347250068	0.145084483345057
ENSG00000047315	ENST00000314595	Bcells	0.096751652749932	0.0155407575278054
ENSG00000047410	ENST00000367478	Bcells	0.47349207390409	0.0676322953530421
ENSG00000047410	ENST00000264142	Bcells	0.398095735395609	0.0568628913533113
ENSG00000047410	ENST00000367472	Bcells	0.0955887934499352	0.0136536382916443
ENSG00000047849	ENST00000360240	Bcells	0.594195138754318	0.311708561065072
ENSG00000047849	ENST00000383737	Bcells	0.225246000391515	0.118161698217346
ENSG00000047849	ENST00000383736	Bcells	0.123396578278964	0.0647325555983604
ENSG00000048828	ENST00000375389	Bcells	0.555620894936628	0.230394509821819
ENSG00000048828	ENST-M000262558	Bcells	0.323975446775404	0.13434009579974
ENSG00000048828	ENST00000333936	Bcells	0.106476850099961	0.0441518342987258
ENSG00000048991	ENST00000329971	Bcells	0.69889188918102	0.211907916564656
ENSG00000048991	ENST00000264160	Bcells	0.30110811081898	0.0912976576379222
ENSG00000049323	ENST00000354476	Bcells	0.473548316629707	0.0449210625854164
ENSG00000049323	ENST00000390004	Bcells	0.400798712818462	0.0380199938008671
ENSG00000049323	ENST00000272273	Bcells	0.0819848166024384	0.00777712632126584
ENSG00000049618	ENST-M000275248	Bcells	0.551025182043287	0.128299162250678
ENSG00000049618	ENST00000346085	Bcells	0.335103973585808	0.0780246719732584
ENSG00000049618	ENST00000319584	Bcells	0.0842015434845513	0.0196052518856267
ENSG00000051108	ENST-M000300302	Bcells	0.845096720038926	0.506029471612514
ENSG00000051108	ENST00000344114	Bcells	0.154903279961074	0.0927534364423249
ENSG00000054654	ENST-M000261678	Bcells	0.9223617486171	0.199489216125651
ENSG00000054654	ENST00000341472	Bcells	0.0776382513828993	0.0167916697900384
ENSG00000055130	ENST00000325222	Bcells	0.564469578564646	0.169202784091376
ENSG00000055130	ENST00000182065	Bcells	0.435530421435354	0.130552580088978
ENSG00000055609	ENST00000262189	Bcells	0.516819572795132	0.042562648107517
ENSG00000055609	ENST-M000355193	Bcells	0.483180427204868	0.039792298082551
ENSG00000055917	ENST00000338086	Bcells	0.419600651861032	0.0890278145015718
ENSG00000055917	ENST-M000355141	Bcells	0.410214145233266	0.0870362537945801
ENSG00000055917	ENST00000319801	Bcells	0.170185202905702	0.0361086585733406
ENSG00000056097	ENST-M000382126	Bcells	0.545212498045442	0.100483203142357
ENSG00000056097	ENST00000265069	Bcells	0.454787501954558	0.0838177868433532
ENSG00000057608	ENST00000380131	Bcells	0.454408393917320	0.398187168606073
ENSG00000057608	ENST00000380132	Bcells	0.313589951635410	0.274791347643414
ENSG00000057608	ENST00000380181	Bcells	0.164824846378868	0.144432056656669
ENSG00000058600	ENST00000299853	Bcells	0.539256883351649	0.118311964178568
ENSG00000058600	ENST00000359210	Bcells	0.460743116648351	0.101086188781896
ENSG00000058804	ENST00000234725	Bcells	0.430917355114291	0.176047119299512
ENSG00000058804	ENST00000360494	Bcells	0.295916730009321	0.120893919106264
ENSG00000058804	ENST00000371429	Bcells	0.273165914876388	0.111599293539823
ENSG00000060138	ENST00000279550	Bcells	0.560261960038158	0.614601821538779
ENSG00000060138	ENST00000228251	Bcells	0.439738039961842	0.482388274838494
ENSG00000060237	ENST00000252477	Bcells	0.711449409108071	0.167706509116929
ENSG00000060237	ENST00000340908	Bcells	0.240985200252888	0.0568062692383468
ENSG00000060982	ENST00000261192	Bcells	0.943381028650734	0.336545793936191
ENSG00000060982	ENST00000342945	Bcells	0.0566189713492659	0.0201984946547445
ENSG00000061273	ENST00000354334	Bcells	0.475415872465166	0.174627784677879
ENSG00000061273	ENST-M000080059	Bcells	0.272484452906685	0.100087858075762
ENSG00000061273	ENST00000380610	Bcells	0.252099674628149	0.0926002059419113
ENSG00000061938	ENST00000381916	Bcells	0.512010444802476	0.104246659973745
ENSG00000061938	ENST00000333602	Bcells	0.413117107400225	0.084111718933981
ENSG00000061938	ENST00000316664	Bcells	0.0748724477972986	0.0152442253593832
ENSG00000064419	ENST00000265388	Bcells	0.929907095900645	0.209266432013678
ENSG00000064419	ENST00000359305	Bcells	0.0700929040993546	0.0157737176272887
ENSG00000064489	ENST00000162023	Bcells	0.999229288902873	25.581.703.188.928



ENSG00000064607	ENST00000330854	Bcells	0.915134842592654	0.190202784541018
ENSG00000064607	ENST00000337018	Bcells	0.0848651574073463	0.0176384817822678
ENSG00000064961	ENST00000262949	Bcells	0.57268517646463	0.268052935023651
ENSG00000064961	ENST00000333651	Bcells	0.270794161415514	0.126748818963328
ENSG00000064961	ENST00000358158	Bcells	0.156520662119857	0.0732615834970264
ENSG00000065000	ENST00000355272	Bcells	0.34218005955452	0.110006170764476
ENSG00000065000	ENST00000345016	Bcells	0.301068077603638	0.0967892354677709
ENSG00000065000	ENST00000356926	Bcells	0.278304046205592	0.0894709132706168
ENSG00000065150	ENST00000389591	Bcells	0.983974751714604	109.050.383.362.571
ENSG00000065427	ENST00000302445	Bcells	0.590350116657938	0.32405753114848
ENSG00000065427	ENST00000319410	Bcells	0.243539624042955	0.133684820375698
ENSG00000065427	ENST00000378668	Bcells	0.166110259299107	0.0911819596676598
ENSG00000065526	ENST00000375759	Bcells	0.986315757167427	0.148778747991158
ENSG00000065883	ENST-M000181839	Bcells	0.947637691935785	0.140904362715885
ENSG00000065883	ENST00000326351	Bcells	0.0523623080642152	0.00778575790189345
ENSG00000065978	ENST-M000318612	Bcells	0.941782798244986	332.224.917.674.195
ENSG00000065978	ENST00000321358	Bcells	0.0582172017550141	0.205368000948031
ENSG00000066279	ENST-M000367407	Bcells	0.870066063805094	0.0751464945975461
ENSG00000066279	ENST00000367406	Bcells	0.0802762235684253	0.00693335489297675
ENSG00000066923	ENST00000317296	Bcells	0.857751217740733	0.144733017454868
ENSG00000066923	ENST00000317271	Bcells	0.0668848924398024	0.0112858508443213
ENSG00000066923	ENST00000379577	Bcells	0.0605955022524716	0.0102246079093815
ENSG00000067057	ENST00000381188	Bcells	0.90537001731181	0.383869121371094
ENSG00000067057	ENST00000381085	Bcells	0.0630981836492371	0.0267530886316094
ENSG00000067225	ENST00000335181	Bcells	0.710371833381975	321.237.143.911.495
ENSG00000067225	ENST-M000389088	Bcells	0.174892709374839	0.790882067818512
ENSG00000067225	ENST00000327974	Bcells	0.102107240800803	0.461739005773556
ENSG00000067560	ENST00000265538	Bcells	0.9670865340479	226.858.616.865.442
ENSG00000068724	ENST00000319190	Bcells	0.835240043919355	0.168499695510157
ENSG00000068724	ENST00000263737	Bcells	0.164759956080645	0.0332383518174998
ENSG00000068878	ENST00000185162	Bcells	0.504975876672435	0.0605891526007532
ENSG00000068878	ENST00000378234	Bcells	0.338032098314508	0.0405585283077117
ENSG00000068878	ENST00000389993	Bcells	0.156992025013057	0.0188365706165952
ENSG00000069275	ENST00000367142	Bcells	0.751119683741985	0.235430818069293
ENSG00000069275	ENST00000264531	Bcells	0.228401503249154	0.071590125944131
ENSG00000070214	ENST00000374724	Bcells	0.841466316804309	0.475784549578682
ENSG00000070214	ENST00000343170	Bcells	0.158533683195691	0.0896386171923893
ENSG00000070756	ENST00000318607	Bcells	0.992115645787784	702.878.197.333.442
ENSG00000070814	ENST-M000323668	Bcells	0.713426913210236	0.21607830907364
ENSG00000070814	ENST00000323753	Bcells	0.286573086789764	0.0867954752939045
ENSG00000071054	ENST-M000324219	Bcells	0.573290841782476	0.202927659799629
ENSG00000071054	ENST00000302217	Bcells	0.426709158217524	0.151042166700104
ENSG00000071127	ENST00000382452	Bcells	0.978943364474683	0.656634964603157
ENSG00000071564	ENST00000344749	Bcells	0.725967430821647	199.615.310.127.197
ENSG00000071564	ENST00000262965	Bcells	0.274032569178353	0.753492428986505
ENSG00000072310	ENST00000338854	Bcells	0.511740839422299	0.0589904112557866
ENSG00000072310	ENST-M000261646	Bcells	0.488259160577701	0.0562835843127134
ENSG00000072501	ENST00000322213	Bcells	0.931161089384084	0.334240229491626
ENSG00000073060	ENST00000339570	Bcells	0.587507400829699	0.262858520417603
ENSG00000073060	ENST00000261693	Bcells	0.280227311876397	0.125377376483099
ENSG00000073060	ENST00000376784	Bcells	0.0732575082596516	0.0327763704821723
ENSG00000073060	ENST00000376788	Bcells	0.0590077790342519	0.0264008546414352
ENSG00000075151	ENST00000374937	Bcells	0.262474262853123	0.0451380778061785
ENSG00000075151	ENST00000356916	Bcells	0.249787321868431	0.0429562862542583
ENSG00000075151	ENST00000374935	Bcells	0.208440562309852	0.0358458243381014
ENSG00000075151	ENST00000374933	Bcells	0.126096473058586	0.0216849924641494
ENSG00000075151	ENST00000374927	Bcells	0.0945562186896177	0.0162609693989630
ENSG00000075151	ENST00000264211	Bcells	0.0586451612203915	0.0100852930163412
ENSG00000075292	ENST00000264447	Bcells	0.713571840165878	0.0492228932973649
ENSG00000075292	ENST00000377802	Bcells	0.235392252595133	0.0162375910599599
ENSG00000075292	ENST00000355812	Bcells	0.0510359072389887	0.00352050750177443
ENSG00000075415	ENST00000188376	Bcells	0.97747555821124	152.829.812.909.343
ENSG00000075702	ENST-M000270301	Bcells	0.643676456539019	0.140741871243107
ENSG00000075702	ENST00000221214	Bcells	0.162693992639913	0.0355735505494064

ENSG00000075702	ENST00000357812	Bcells	0.161733984365452	0.0353636417363934
ENSG00000076513	ENST00000261739	Bcells	0.614878827796303	0.377333739574724
ENSG00000076513	ENST00000261738	Bcells	0.233196862115428	0.143106316336291
ENSG00000076513	ENST00000334689	Bcells	0.151924310088268	0.0932316506381763
ENSG00000076928	ENST00000337665	Bcells	0.517095041444351	0.230127559233405
ENSG00000076928	ENST00000378152	Bcells	0.384810099609784	0.171255575656285
ENSG00000076928	ENST00000316079	Bcells	0.0980948589458644	0.0436560567270230
ENSG00000077150	ENST-M000189444	Bcells	0.50426999463745	0.107556316271596
ENSG00000077150	ENST00000369966	Bcells	0.49573000536255	0.105734812320984
ENSG00000077235	ENST00000388971	Bcells	0.540152495571985	0.0346369607023527
ENSG00000077235	ENST-M000170629	Bcells	0.459847504428015	0.0294874504339404
ENSG00000077238	ENST00000170630	Bcells	0.7059079438634	0.527153567047735
ENSG00000077238	ENST00000380925	Bcells	0.294092056136599	0.219620246209910
ENSG00000077420	ENST00000376236	Bcells	0.910479136359306	0.597881130534037
ENSG00000077420	ENST00000376231	Bcells	0.0595017110092078	0.0390727791843169
ENSG00000077549	ENST00000375145	Bcells	0.621608801281336	0.53750607710438
ENSG00000077549	ENST00000264202	Bcells	0.337294186673364	0.291658796875461
ENSG00000078061	ENST00000377045	Bcells	0.606015670804709	0.191579095259872
ENSG00000078061	ENST00000290277	Bcells	0.214168766253688	0.0677049463379746
ENSG00000078061	ENST00000377039	Bcells	0.179815562941603	0.056844904383831
ENSG00000078618	ENST-M000352171	Bcells	0.750498174538559	0.147156668119489
ENSG00000078618	ENST00000371665	Bcells	0.159386145960223	0.0312522201647379
ENSG00000078618	ENST00000354831	Bcells	0.0901156795012183	0.0176697606877946
ENSG00000078674	ENST-M000325083	Bcells	0.657077542760986	0.108934879107332
ENSG00000078674	ENST00000297529	Bcells	0.276895883103048	0.0459057228229158
ENSG00000078674	ENST00000325126	Bcells	0.066026574135966	0.0109463440816285
ENSG00000079246	ENST00000328063	Bcells	0.917002337261923	0.552426602756141
ENSG00000079246	ENST00000295663	Bcells	0.0829976627380775	0.05
ENSG00000079805	ENST-M000389251	Bcells	0.329119020695326	0.17807423488353
ENSG00000079805	ENST00000250237	Bcells	0.276623905197528	0.149671052631579
ENSG00000079805	ENST-M000355667	Bcells	0.159974965313287	0.0865565882169246
ENSG00000079805	ENST00000389253	Bcells	0.135474780245136	0.073300436380733
ENSG00000079805	ENST00000314646	Bcells	0.0944145150225676	0.051084232351637
ENSG00000080603	ENST00000344771	Bcells	0.654402786052236	0.140348511349069
ENSG00000080603	ENST00000380361	Bcells	0.275588380098366	0.0591049117092539
ENSG00000080603	ENST00000262518	Bcells	0.0700088338493974	0.0150146604224007
ENSG00000081237	ENST00000367376	Bcells	0.505280977749921	0.275952252715468
ENSG00000081237	ENST00000367365	Bcells	0.194089527844317	0.105999324723499
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ENSG00000082212	ENST00000321341	Bcells	0.857646990743323	0.452777355140382
ENSG00000082212	ENST00000382927	Bcells	0.142353009256678	0.0751523875477605
ENSG00000082898	ENST00000195419	Bcells	0.870171355142246	0.298914016525004
ENSG00000082898	ENST-M000389538	Bcells	0.129828644857754	0.044597654778105
ENSG00000083223	ENST00000375947	Bcells	0.386110303740711	0.0795439297247997
ENSG00000083223	ENST00000309306	Bcells	0.28054983064744	0.0577970486597286
ENSG00000083223	ENST00000375948	Bcells	0.156793738160861	0.0323016246101829
ENSG00000083223	ENST-M000375960	Bcells	0.0722476779245453	0.0148839959978619
ENSG00000083223	ENST00000375957	Bcells	0.0563818049050289	0.0116154121857746
ENSG00000083520	ENST00000377780	Bcells	0.499191972227657	0.0679669808817001
ENSG00000083520	ENST00000377767	Bcells	0.449944419163515	0.0612617298283947
ENSG00000084092	ENST00000381248	Bcells	0.982609216336308	0.230042422292982
ENSG00000084234	ENST-M000263574	Bcells	0.892974967475414	0.668356266453062
ENSG00000084234	ENST00000345598	Bcells	0.107025032524586	0.0801039824860701
ENSG00000085832	ENST00000371733	Bcells	0.763348949643721	0.210709534165308
ENSG00000085832	ENST00000371730	Bcells	0.179532429924854	0.0495568831196896
ENSG00000085832	ENST00000371727	Bcells	0.0571186204314255	0.0157666266638450
ENSG00000086015	ENST-M000271102	Bcells	0.737351238639773	0.122160491120380
ENSG00000086015	ENST00000372009	Bcells	0.227228759625131	0.0376460707161597
ENSG00000086758	ENST00000342160	Bcells	0.741395772160563	0.176636617757323
ENSG00000086758	ENST-M000262854	Bcells	0.255010962324944	0.0607560436241106
ENSG00000087087	ENST-M000342198	Bcells	0.88539127643138	0.551971135921644
ENSG00000087087	ENST-M000388793	Bcells	0.114608723568620	0.0714494359936287
ENSG00000087365	ENST00000322535	Bcells	0.963521287840842	0.682607666411953
ENSG00000088038	ENST00000358389	Bcells	0.771105470775513	0.249635258388688

ENSG00000088038	ENST00000221232	Bcells	0.228894529224487	0.074101594544836
ENSG00000088325	ENST-M000300403	Bcells	0.725976575815404	0.385242067907068
ENSG00000088325	ENST-M000376017	Bcells	0.274023424184596	0.145411510652779
ENSG00000088387	ENST-M000357329	Bcells	0.306956401385682	0.0518398191546367
ENSG00000088387	ENST-M000339416	Bcells	0.274463746154314	0.0463523513466868
ENSG00000088387	ENST00000376460	Bcells	0.270772547838459	0.045728969484331
ENSG00000088387	ENST00000340449	Bcells	0.147807304621546	0.0249621897661217
ENSG00000089053	ENST00000261819	Bcells	0.84816519938305	0.339027064371295
ENSG00000089053	ENST00000344395	Bcells	0.15183480061695	0.0606911327651841
ENSG00000089094	ENST00000377071	Bcells	0.624235935647963	0.106694253397775
ENSG00000089094	ENST00000261824	Bcells	0.301978237289085	0.0516140464366108
ENSG00000089094	ENST00000377069	Bcells	0.0737858270629521	0.0126114555094418
ENSG00000089157	ENST00000228306	Bcells	0.957273698027242	48.314.509.106.062
ENSG00000089280	ENST00000254108	Bcells	0.614543048436748	0.77982426904998
ENSG00000089280	ENST00000354711	Bcells	0.309053857311618	0.392173825720062
ENSG00000089280	ENST00000380244	Bcells	0.0764030942516344	0.0969516900069042
ENSG00000089597	ENST-M000346178	Bcells	0.868842398746579	0.453520908115576
ENSG00000089597	ENST00000278885	Bcells	0.131157601253421	0.0684620300672755
ENSG00000089685	ENST-M000301633	Bcells	0.554104506143835	0.214769649154644
ENSG00000089685	ENST00000374948	Bcells	0.445895493856165	0.172828081550137
ENSG00000089737	ENST00000330836	Bcells	0.754170566509322	0.217843045583799
ENSG00000089737	ENST00000380395	Bcells	0.245829433490678	0.0710081178765908
ENSG00000089820	ENST00000370016	Bcells	0.79775210727284	0.142916918827894
ENSG00000089820	ENST-M000350060	Bcells	0.202247892727160	0.0362326158771456
ENSG00000090061	ENST-M000389879	Bcells	0.554344362049374	0.269295146803923
ENSG00000090061	ENST00000216279	Bcells	0.306449688987897	0.148870304514186
ENSG00000090061	ENST00000380246	Bcells	0.117160930748885	0.056915650641893
ENSG00000090621	ENST-M000372857	Bcells	0.740446785305476	0.280261156995179
ENSG00000090621	ENST00000372862	Bcells	0.259553214694524	0.0982416099248714
ENSG00000090861	ENST00000261772	Bcells	0.533556211826323	0.270810902417127
ENSG00000090861	ENST-M000389332	Bcells	0.466443788173677	0.236747432421037
ENSG00000092051	ENST00000308724	Bcells	0.993781527380201	0.207317073170732
ENSG00000092621	ENST00000369409	Bcells	0.989306060298818	155.149.704.544.149
ENSG00000092820	ENST-M000367074	Bcells	0.635400702915781	121.051.544.004.049
ENSG00000092820	ENST00000337147	Bcells	0.364599297084219	0.694605902264566
ENSG00000094631	ENST00000334136	Bcells	0.587069100409247	0.0867909992107757
ENSG00000094631	ENST00000376612	Bcells	0.237933169579507	0.0351755142943085
ENSG00000094631	ENST00000376605	Bcells	0.147483281282636	0.0218036025750304
ENSG00000095319	ENST00000372577	Bcells	0.51738711605496	0.112262763881611
ENSG00000095319	ENST00000356693	Bcells	0.482612883945040	0.104717443777224
ENSG00000095787	ENST00000375664	Bcells	0.845120286066796	0.288493663435168
ENSG00000096060	ENST00000337746	Bcells	0.53353773315113	0.229431641356010
ENSG00000096060	ENST00000373875	Bcells	0.309707811117385	0.133180405115436
ENSG00000096060	ENST-M000357266	Bcells	0.156754455731485	0.0674074762359032
ENSG00000096384	ENST00000371554	Bcells	0.877886873197663	329.764.013.438.389
ENSG00000096384	ENST-M000331064	Bcells	0.0894512339768273	0.336009101215633
ENSG00000096746	ENST-M000265866	Bcells	0.920960546881995	0.5577109265378
ENSG00000096746	ENST00000340917	Bcells	0.0790394531180054	0.0478643377077607
ENSG00000099204	ENST-M000369257	Bcells	0.942769739689702	0.424480951910909
ENSG00000099381	ENST00000262519	Bcells	0.554253765718051	0.076860927949065
ENSG00000099381	ENST-M000389178	Bcells	0.445746234281949	0.0618136877289893
ENSG00000099956	ENST00000263121	Bcells	0.94738252631252	168.060.988.503.967
ENSG00000099956	ENST00000344921	Bcells	0.0526174736874798	0.0933408036869603
ENSG00000099991	ENST00000263119	Bcells	0.77362380726602	0.117455186027627
ENSG00000099991	ENST00000337989	Bcells	0.226376192733980	0.0343694927431993
ENSG00000100029	ENST00000335214	Bcells	0.990124282993641	0.364920909249556
ENSG00000100084	ENST00000263208	Bcells	0.825913392360526	0.190049929619596
ENSG00000100084	ENST00000340170	Bcells	0.174086607639474	0.0400588582720958
ENSG00000100099	ENST00000336873	Bcells	0.844311914163829	0.149590611959440
ENSG00000100099	ENST00000312736	Bcells	0.155688085836171	0.0275839718051257
ENSG00000100105	ENST00000382207	Bcells	0.630856075322938	0.233432099149266
ENSG00000100105	ENST00000215919	Bcells	0.326697953921954	0.120886192833656
ENSG00000100181	ENST00000359867	Bcells	0.895479796342282	0.370822271769397
ENSG00000100181	ENST00000381645	Bcells	0.0625849308270003	0.0259167055723589

ENSG00000100201	ENST00000381633	Bcells	0.636616855078454	0.440441792545801
ENSG00000100201	ENST00000216019	Bcells	0.363383144921546	0.251405727720565
ENSG00000100227	ENST-M000252115	Bcells	0.709424160149697	0.304063678715643
ENSG00000100227	ENST00000339677	Bcells	0.290575839850303	0.124542641446165
ENSG00000100241	ENST-M000348911	Bcells	0.983458882866662	0.303954665834707
ENSG00000100297	ENST00000216122	Bcells	0.870301418811481	0.798335042886323
ENSG00000100297	ENST00000382011	Bcells	0.129698581188519	0.118973633889778
ENSG00000100304	ENST00000216129	Bcells	0.928657331388501	0.416040863355171
ENSG00000100304	ENST00000357017	Bcells	0.0713426686114987	0.0319616982927502
ENSG00000100316	ENST00000216146	Bcells	0.988986003835037	948.450.468.574.944
ENSG00000100345	ENST00000216181	Bcells	0.942515577431501	0.481533915402873
ENSG00000100357	ENST00000342312	Bcells	0.702552465834454	0.321858777095748
ENSG00000100357	ENST00000216194	Bcells	0.297447534165546	0.136268968158781
ENSG00000100359	ENST-M000248929	Bcells	0.886825080469867	0.147297394290477
ENSG00000100359	ENST00000322069	Bcells	0.113174919530134	0.018797811556018
ENSG00000100365	ENST00000248899	Bcells	0.791004536313622	0.432051654062865
ENSG00000100365	ENST00000336951	Bcells	0.208995463686378	0.114154637087357
ENSG00000100401	ENST00000356244	Bcells	0.588334801049616	0.260802665571549
ENSG00000100401	ENST00000359514	Bcells	0.411665198950384	0.182486878249869
ENSG00000100462	ENST00000324366	Bcells	0.762090204798943	0.281952766605442
ENSG00000100462	ENST00000216350	Bcells	0.237909795201057	0.0880201904408012
ENSG00000100503	ENST00000382043	Bcells	0.615040116808811	0.142488006384862
ENSG00000100503	ENST-M000245441	Bcells	0.263487436878675	0.0610428467383538
ENSG00000100503	ENST00000324330	Bcells	0.0593551819197993	0.0137509754392038
ENSG00000100813	ENST00000262710	Bcells	0.52934155524063	0.186904128351100
ENSG00000100813	ENST-M000338631	Bcells	0.47065844475937	0.166183828754661
ENSG00000100897	ENST00000326009	Bcells	0.513729632985488	0.144208656066671
ENSG00000100897	ENST00000334688	Bcells	0.486270367014512	0.136500586319479
ENSG00000101191	ENST00000266070	Bcells	0.644957454951783	0.103399728244995
ENSG00000101191	ENST00000370366	Bcells	0.244164143891763	0.0391444519816698
ENSG00000101191	ENST00000266071	Bcells	0.110878401156454	0.0177760509004023
ENSG00000101224	ENST-M000245960	Bcells	0.89172746329588	0.372350663526498
ENSG00000101224	ENST00000379598	Bcells	0.108272536704121	0.0452103950398347
ENSG00000101361	ENST00000329276	Bcells	0.815871984630908	0.631825695095478
ENSG00000101361	ENST00000230209	Bcells	0.100398703755223	0.0777505319238606
ENSG00000101361	ENST00000217341	Bcells	0.0837293116138691	0.0648414598207233
ENSG00000101444	ENST00000217426	Bcells	0.960091218435628	0.954285672936962
ENSG00000101773	ENST-M000327155	Bcells	0.90091497617167	0.127920215893125
ENSG00000101773	ENST00000360790	Bcells	0.0990850238283309	0.0140690053724673
ENSG00000102054	ENST00000380084	Bcells	0.563619924542413	0.331352723531994
ENSG00000102054	ENST00000380087	Bcells	0.363233131179935	0.213545125096919
ENSG00000102054	ENST00000380085	Bcells	0.0677372398070541	0.0398227917737819
ENSG00000102103	ENST00000376566	Bcells	0.412736090870707	0.252044106235891
ENSG00000102103	ENST00000376563	Bcells	0.327358729149023	0.199907011118950
ENSG00000102103	ENST00000376564	Bcells	0.112623481372265	0.0687753877877842
ENSG00000102103	ENST00000247140	Bcells	0.092442883161436	0.0564517724028932
ENSG00000102226	ENST-M000218348	Bcells	0.860131621930878	0.201584605417657
ENSG00000102226	ENST00000377080	Bcells	0.139868378069122	0.0327802293097620
ENSG00000102445	ENST00000378781	Bcells	0.734686540830133	0.542075052147831
ENSG00000102445	ENST00000322896	Bcells	0.103319599652077	0.0762324804616801
ENSG00000102445	ENST00000378797	Bcells	0.0865292360674266	0.0638440172057096
ENSG00000102572	ENST00000376541	Bcells	0.759106976091961	0.856213344616523
ENSG00000102572	ENST00000376554	Bcells	0.131036875348961	0.147799354826428
ENSG00000102572	ENST00000376533	Bcells	0.109856148559078	0.123909150286959
ENSG00000102974	ENST00000264010	Bcells	0.737067277800445	0.218038520875558
ENSG00000102974	ENST00000379301	Bcells	0.262932722199555	0.0777805005931852
ENSG00000103194	ENST00000219473	Bcells	0.90777571293169	0.268999504541371
ENSG00000103194	ENST00000378510	Bcells	0.0922242870683106	0.0273286530743785
ENSG00000103197	ENST00000382538	Bcells	0.55157744306766	0.0755907603159946
ENSG00000103197	ENST-M000219476	Bcells	0.44842255693234	0.0614539308076817
ENSG00000103335	ENST00000301015	Bcells	0.489085279267349	0.114917293864880
ENSG00000103335	ENST-M000388844	Bcells	0.457982250160599	0.107609210617512
ENSG00000103335	ENST00000327397	Bcells	0.0529324705720512	0.0124372098968807
ENSG00000103365	ENST00000309859	Bcells	0.983246333234434	0.607995716901522

ENSG00000103495	ENST00000322945	Bcells	0.588531282082539	0.670598835899815
ENSG00000103495	ENST00000219782	Bcells	0.411468717917461	0.468845839881694
ENSG00000103549	ENST00000324685	Bcells	0.857159501093221	0.223549012929186
ENSG00000103549	ENST00000357890	Bcells	0.0741515755685279	0.0193388879249972
ENSG00000103549	ENST00000380329	Bcells	0.0686889233382506	0.0179142166561185
ENSG00000104517	ENST-M000389199	Bcells	0.699560389239993	0.114590544348748
ENSG00000104517	ENST00000220959	Bcells	0.300439610760007	0.0492131045016964
ENSG00000104824	ENST00000388750	Bcells	0.532450100298638	0.696443836488973
ENSG00000104824	ENST00000221419	Bcells	0.455128880926346	0.595307811476599
ENSG00000104880	ENST00000319670	Bcells	0.90593637207615	0.167872617265172
ENSG00000104880	ENST00000359920	Bcells	0.0940636279238492	0.0174302609937672
ENSG00000104973	ENST00000355584	Bcells	0.48984331980381	0.288383914785848
ENSG00000104973	ENST00000312865	Bcells	0.193011249074222	0.113630904730974
ENSG00000104973	ENST00000377077	Bcells	0.170966052422764	0.10065230554314
ENSG00000104973	ENST00000377070	Bcells	0.146179378699204	0.0860597251936057
ENSG00000105193	ENST00000251453	Bcells	0.981619514788121	941.610.156.379.738
ENSG00000105216	ENST00000324222	Bcells	0.769394892489084	0.398246876524984
ENSG00000105216	ENST00000356258	Bcells	0.230605107510916	0.119363625458734
ENSG00000105221	ENST00000311278	Bcells	0.712769672863566	0.384652328515956
ENSG00000105221	ENST00000358335	Bcells	0.287230327136434	0.155006334247581
ENSG00000105323	ENST00000352456	Bcells	0.578583544585894	0.684316893217833
ENSG00000105323	ENST00000378215	Bcells	0.384833998317282	0.455160553039171
ENSG00000105373	ENST00000325566	Bcells	0.55935297196992	0.383464595695636
ENSG00000105373	ENST00000246802	Bcells	0.44064702803008	0.302085700649724
ENSG00000105663	ENST00000222270	Bcells	0.628022715008478	0.102732936617579
ENSG00000105663	ENST00000341701	Bcells	0.371977284991522	0.0608486252630165
ENSG00000105669	ENST00000262812	Bcells	0.522418209578454	0.679595421540015
ENSG00000105669	ENST00000349893	Bcells	0.274195660000387	0.356691462368373
ENSG00000105669	ENST00000351079	Bcells	0.203386130421159	0.264577843009132
ENSG00000105676	ENST00000269932	Bcells	0.618128362704361	0.254193041326562
ENSG00000105676	ENST00000379532	Bcells	0.381871637295639	0.157037144284801
ENSG00000105698	ENST00000222305	Bcells	0.618188037611614	0.561208886388044
ENSG00000105698	ENST00000343550	Bcells	0.345661076564629	0.313801070295709
ENSG00000105819	ENST00000379269	Bcells	0.65974447759036	0.212321436360808
ENSG00000105819	ENST00000249269	Bcells	0.340255522409639	0.109502305364605
ENSG00000106009	ENST00000340611	Bcells	0.904114782305026	0.169797006809003
ENSG00000106009	ENST00000382467	Bcells	0.0958852176949736	0.0180076946870926
ENSG00000106105	ENST00000389266	Bcells	0.508041102069858	0.624188927500467
ENSG00000106105	ENST00000265296	Bcells	0.491958897930142	0.604430026669579
ENSG00000106263	ENST00000360876	Bcells	0.816190118179278	0.448570656000431
ENSG00000106263	ENST00000314800	Bcells	0.183809881820722	0.101020237112908
ENSG00000106462	ENST-M000320356	Bcells	0.95259453719132	0.310442344079371
ENSG00000106785	ENST00000375086	Bcells	0.309214994277237	0.125033837210852
ENSG00000106785	ENST00000375098	Bcells	0.237967201156141	0.0962241574359167
ENSG00000106785	ENST00000375084	Bcells	0.178864716630668	0.0723255413736914
ENSG00000106785	ENST00000375092	Bcells	0.154390068622451	0.0624289994482096
ENSG00000106785	ENST00000375082	Bcells	0.0798494792782507	0.0322878481904945
ENSG00000106948	ENST-M000307564	Bcells	0.616973607664727	0.259303467510993
ENSG00000106948	ENST00000374074	Bcells	0.168438186903445	0.070791692517685
ENSG00000106948	ENST00000320310	Bcells	0.0744862036506794	0.0313052789428993
ENSG00000106948	ENST00000312033	Bcells	0.0723681086035295	0.0304150797781040
ENSG00000106948	ENST00000223791	Bcells	0.067733893177619	0.028467398201124
ENSG00000107036	ENST00000276898	Bcells	0.396175290520754	0.0840051995233924
ENSG00000107036	ENST00000381532	Bcells	0.303341352489941	0.0643206465656098
ENSG00000107036	ENST00000251879	Bcells	0.300483356989304	0.0637146358223542
ENSG00000107099	ENST-M000287364	Bcells	0.565066262685628	0.143532706199738
ENSG00000107099	ENST00000382341	Bcells	0.25209778737538	0.064035459269819
ENSG00000107099	ENST00000382331	Bcells	0.099964132060838	0.0253919289560958
ENSG00000107099	ENST00000382329	Bcells	0.0779869614792558	0.0198094991129206
ENSG00000107263	ENST00000372195	Bcells	0.650311055800722	0.475221372190101
ENSG00000107263	ENST00000337036	Bcells	0.227255303104557	0.166069108029926
ENSG00000107263	ENST-M000372189	Bcells	0.0778485591188895	0.0568886208492164
ENSG00000107554	ENST-M000324109	Bcells	0.796027229733478	0.0794431278284651
ENSG00000107554	ENST00000370423	Bcells	0.203972770266522	0.0203563826167541

ENSG00000107937	ENST00000360803	Bcells	0.78886768466766	0.200334078279406
ENSG00000107937	ENST00000381391	Bcells	0.142436411769531	0.0361719307557849
ENSG00000107937	ENST00000360059	Bcells	0.0686959035628089	0.0174454230909764
ENSG00000107938	ENST00000337623	Bcells	0.353627124189653	0.109778605430443
ENSG00000107938	ENST00000356792	Bcells	0.283921736239059	0.0881395405602376
ENSG00000107938	ENST00000368813	Bcells	0.277743909726743	0.0862217205381807
ENSG00000107938	ENST00000368815	Bcells	0.0538814923351787	0.0167267573171077
ENSG00000108021	ENST00000380270	Bcells	0.665078744710869	0.0724168343576614
ENSG00000108021	ENST00000328090	Bcells	0.308937923846189	0.0336385828533661
ENSG00000108039	ENST00000369683	Bcells	0.378013494723641	0.109459674246602
ENSG00000108039	ENST-M000322238	Bcells	0.299521007047103	0.0867309562198538
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ENSG00000108039	ENST00000369659	Bcells	0.0654330162311212	0.0189471453839693
ENSG00000108175	ENST00000360331	Bcells	0.864445615523652	0.132115545332988
ENSG00000108175	ENST00000372347	Bcells	0.0827917795716081	0.0126532900517584
ENSG00000108175	ENST00000334512	Bcells	0.05276260490474	0.0080638506286553
ENSG00000108262	ENST00000225394	Bcells	0.737314837957286	0.187162131727169
ENSG00000108262	ENST00000335356	Bcells	0.262685162042714	0.0666807615552956
ENSG00000108270	ENST00000225402	Bcells	0.642227041506602	0.172237656975237
ENSG00000108270	ENST-M000389309	Bcells	0.357772958493398	0.0959504538386335
ENSG00000108292	ENST00000325718	Bcells	0.654032576523339	0.165931913196114
ENSG00000108292	ENST00000378137	Bcells	0.232735339588874	0.0590463251411927
ENSG00000108292	ENST00000358312	Bcells	0.113232083887787	0.0287276459753116
ENSG00000108312	ENST00000343638	Bcells	0.712836129744093	0.384927514443118
ENSG00000108312	ENST00000302904	Bcells	0.287163870255908	0.155066880315333
ENSG00000109111	ENST00000314616	Bcells	0.590318238705241	0.104902938147476
ENSG00000109111	ENST-M000388937	Bcells	0.370071766864461	0.0657638763705796
ENSG00000109118	ENST00000332830	Bcells	0.777498495903334	0.122492400476532
ENSG00000109118	ENST00000268756	Bcells	0.185077779636922	0.0291584120381524
ENSG00000109685	ENST00000350915	Bcells	0.756115743624231	0.321650479673574
ENSG00000109685	ENST00000382889	Bcells	0.120801604240554	0.0513888174885322
ENSG00000109685	ENST00000382892	Bcells	0.0565198138952587	0.0240434422953979
ENSG00000109689	ENST00000382009	Bcells	0.865184222052939	0.287968121245431
ENSG00000109689	ENST-M000237364	Bcells	0.134815777947061	0.0448721154409597
ENSG00000110047	ENST00000359393	Bcells	0.56846905346045	0.426671175999245
ENSG00000110047	ENST-M000320631	Bcells	0.431530946539549	0.323890659164803
ENSG00000110075	ENST00000265637	Bcells	0.888366399698209	0.147588896806275
ENSG00000110075	ENST00000265636	Bcells	0.111633600301791	0.0185462664061261
ENSG00000110321	ENST00000339995	Bcells	0.515731461445269	0.712022968924051
ENSG00000110321	ENST00000379653	Bcells	0.484268538554731	0.66858500664661
ENSG00000110651	ENST-M000263645	Bcells	0.898170008671929	132.851.862.946.207
ENSG00000110651	ENST00000381036	Bcells	0.101829991328071	0.15062075020445
ENSG00000110697	ENST00000356404	Bcells	0.723555525638085	0.109454767676953
ENSG00000110697	ENST-M000389801	Bcells	0.276444474361915	0.0418187197038912
ENSG00000111605	ENST00000351671	Bcells	0.844486469075161	0.307665135883922
ENSG00000111605	ENST00000266679	Bcells	0.155513530924839	0.0566570257498355
ENSG00000111641	ENST00000382421	Bcells	0.900634275060948	0.23670077877774
ENSG00000111641	ENST00000322166	Bcells	0.0993657249390518	0.0261148671865687
ENSG00000111667	ENST-M000389230	Bcells	0.882955549840834	0.198415883694333
ENSG00000111667	ENST00000229268	Bcells	0.117044450159166	0.0263019786375821
ENSG00000111885	ENST00000368468	Bcells	0.882593296988068	0.151567345917289
ENSG00000111885	ENST00000368466	Bcells	0.117406703011932	0.0201621997687328
ENSG00000112081	ENST00000373715	Bcells	0.650448167395996	101.006.335.969.338
ENSG00000112081	ENST00000339436	Bcells	0.223750607374275	0.347456264075079
ENSG00000112081	ENST00000342143	Bcells	0.125801225229729	0.195353318801381
ENSG00000112159	ENST00000369393	Bcells	0.621275613958942	0.032103779195653
ENSG00000112159	ENST00000369357	Bcells	0.378724386041058	0.0195701936343423
ENSG00000112182	ENST00000343122	Bcells	0.730754304024546	0.295976754833361
ENSG00000112182	ENST00000257749	Bcells	0.269245695975454	0.109052340723522
ENSG00000112290	ENST00000359451	Bcells	0.886247261610468	0.230813546722366
ENSG00000112290	ENST00000368938	Bcells	0.0794632718237437	0.0206953526383512
ENSG00000112297	ENST00000369066	Bcells	0.98041622151973	0.108036618892327
ENSG00000112493	ENST00000374572	Bcells	0.747063763450311	0.238444353455984
ENSG00000112493	ENST00000374565	Bcells	0.152884142931073	0.0487968529573804

ENSG00000112493	ENST00000374564	Bcells	0.062196056159174	0.0198514492657128
ENSG00000112739	ENST00000380194	Bcells	0.623262482485108	0.0965617004669166
ENSG00000112739	ENST00000380193	Bcells	0.201033674997683	0.0311460324572859
ENSG00000112739	ENST-M000283003	Bcells	0.175703842517209	0.0272216959769248
ENSG00000112759	ENST00000313248	Bcells	0.544940594651842	0.215265074697082
ENSG00000112759	ENST00000371708	Bcells	0.239549481059023	0.0946279969594915
ENSG00000112759	ENST-M000371713	Bcells	0.166905518301630	0.0659318267296831
ENSG00000113161	ENST-M000287936	Bcells	0.738502297299503	0.151702865564684
ENSG00000113161	ENST00000343975	Bcells	0.261497702700497	0.0537167602366424
ENSG00000113360	ENST-M000265075	Bcells	0.705233090681695	0.077305309052801
ENSG00000113360	ENST00000382188	Bcells	0.294766909318305	0.0323113695662863
ENSG00000113522	ENST-M000265335	Bcells	0.674706726457389	0.0684223288850034
ENSG00000113522	ENST00000378810	Bcells	0.325293273542611	0.032988145031955
ENSG00000113648	ENST00000304332	Bcells	0.502896455000207	0.543847762403822
ENSG00000113648	ENST00000312469	Bcells	0.484812797294254	0.524291536302655
ENSG00000113719	ENST00000265089	Bcells	0.822021934712336	0.745998607829281
ENSG00000113719	ENST00000326654	Bcells	0.177978065287664	0.161518060920368
ENSG00000114353	ENST00000313601	Bcells	0.932484989056398	146.352.463.195.546
ENSG00000114353	ENST00000383725	Bcells	0.0610584951217849	0.0958306167387105
ENSG00000114650	ENST-M000265565	Bcells	0.461808690440455	0.0705208420952435
ENSG00000114650	ENST00000339815	Bcells	0.312015571141854	0.0476465715765672
ENSG00000114650	ENST00000360832	Bcells	0.162203079363593	0.0247693427688691
ENSG00000114650	ENST00000383739	Bcells	0.063972659054097	0.00976899283394607
ENSG00000114867	ENST-M000346169	Bcells	0.602083122604359	0.639822279373592
ENSG00000114867	ENST-M000319274	Bcells	0.289794389894861	0.307958984616898
ENSG00000114867	ENST00000382330	Bcells	0.0607632057783104	0.0645719027215989
ENSG00000115053	ENST-M000322723	Bcells	0.846445472784669	281.294.827.014.018
ENSG00000115053	ENST00000322732	Bcells	0.153554527215331	0.510299783731542
ENSG00000115306	ENST-M000389980	Bcells	0.781478369348352	0.0420430247471711
ENSG00000115306	ENST00000333896	Bcells	0.109827114935962	0.00590862689521837
ENSG00000115306	ENST-M000389977	Bcells	0.108694515715685	0.00584769379852057
ENSG00000115307	ENST00000377526	Bcells	0.526482415466457	0.418206593221166
ENSG00000115307	ENST00000258081	Bcells	0.473517584533543	0.376134453954436
ENSG00000115677	ENST00000310931	Bcells	0.839335761938505	0.416338427410415
ENSG00000115677	ENST00000373292	Bcells	0.160664238061495	0.0796948006375024
ENSG00000115760	ENST00000261359	Bcells	0.550475481437483	0.0277662292458266
ENSG00000115760	ENST-M000388963	Bcells	0.449524518562517	0.0226742175717488
ENSG00000115875	ENST-M000313117	Bcells	0.803070765592689	0.746112344104623
ENSG00000115875	ENST00000378857	Bcells	0.196929234407311	0.182961874596355
ENSG00000115935	ENST00000272746	Bcells	0.535210554070095	0.302064485899137
ENSG00000115935	ENST00000359761	Bcells	0.464789445929905	0.262319911235857
ENSG00000115953	ENST00000234310	Bcells	0.502301522708995	0.0783455400412779
ENSG00000115953	ENST-M000295121	Bcells	0.308385278661654	0.0480998167539392
ENSG00000115953	ENST00000295122	Bcells	0.189313198629351	0.0295277718920056
ENSG00000116062	ENST00000378335	Bcells	0.512012706300218	0.124669564699982
ENSG00000116062	ENST00000234420	Bcells	0.487987293699782	0.118819636184971
ENSG00000116221	ENST00000336230	Bcells	0.602628062107989	0.389693292849603
ENSG00000116221	ENST00000329505	Bcells	0.397371937892011	0.256963106599268
ENSG00000116478	ENST00000373548	Bcells	0.94296145860361	0.478939526038217
ENSG00000116478	ENST00000373541	Bcells	0.0570385413963899	0.0289704438426913
ENSG00000116560	ENST00000357214	Bcells	0.955120023570205	0.94057465454119
ENSG00000116584	ENST00000361247	Bcells	0.52098652173875	0.103702471225822
ENSG00000116584	ENST00000313667	Bcells	0.355093280564582	0.0706813884308064
ENSG00000116584	ENST-M000313695	Bcells	0.0701208994238694	0.0139575790378681
ENSG00000116584	ENST00000368316	Bcells	0.0537992982727989	0.0107087610682988
ENSG00000116604	ENST00000348159	Bcells	0.684399332238763	0.269694967562304
ENSG00000116604	ENST00000360595	Bcells	0.293085233361158	0.115493409740430
ENSG00000116688	ENST-M000235329	Bcells	0.346160284946222	0.0683954954444607
ENSG00000116688	ENST-M000389219	Bcells	0.333769664544775	0.0659473156327505
ENSG00000116688	ENST00000376320	Bcells	0.218099933970452	0.0430929072138667
ENSG00000116688	ENST00000376337	Bcells	0.101970116538551	0.0201475933100387
ENSG00000116698	ENST00000367538	Bcells	0.581709854850954	0.36056995161288
ENSG00000116698	ENST00000347615	Bcells	0.320183050287446	0.198463866456224
ENSG00000116698	ENST00000367539	Bcells	0.0680352438501759	0.0421713065000659

ENSG00000116731	ENST00000343137	Bcells	0.490222071054778	0.0677146913618169
ENSG00000116731	ENST00000311066	Bcells	0.353222593207027	0.0487908649840487
ENSG00000116731	ENST00000235372	Bcells	0.0784739098660108	0.0108396518645081
ENSG00000116731	ENST00000376048	Bcells	0.078081425872184	0.0107854377968933
ENSG00000116754	ENST00000370950	Bcells	0.589508710548546	0.332066406360151
ENSG00000116754	ENST00000370951	Bcells	0.352364753846843	0.198484764421924
ENSG00000116754	ENST00000370949	Bcells	0.0581265356046115	0.0327422978609223
ENSG00000116871	ENST-M000316156	Bcells	0.415738013222952	0.0988691794062879
ENSG00000116871	ENST00000373153	Bcells	0.349314163361809	0.0830725206454835
ENSG00000116871	ENST00000309824	Bcells	0.108988777523047	0.0259192824698939
ENSG00000116871	ENST00000373150	Bcells	0.0702400137780464	0.0167042038563781
ENSG00000116871	ENST00000373148	Bcells	0.0557190321141455	0.0132508811011320
ENSG00000117054	ENST00000370841	Bcells	0.960553509526502	0.319873952241027
ENSG00000117242	ENST00000375057	Bcells	0.832455739463906	0.463235294117647
ENSG00000117242	ENST00000375048	Bcells	0.167544260536094	0.093233082706767
ENSG00000117394	ENST00000372501	Bcells	0.794411411907127	0.309487505708783
ENSG00000117394	ENST00000372500	Bcells	0.205588588092873	0.0800933853383416
ENSG00000117399	ENST00000372464	Bcells	0.958711966242867	0.557190037547268
ENSG00000117523	ENST-M000338920	Bcells	0.58760975341335	0.147917727700649
ENSG00000117523	ENST00000345788	Bcells	0.41239024658665	0.103810101596625
ENSG00000117632	ENST00000357865	Bcells	0.87182564663892	196.277.353.591.231
ENSG00000117632	ENST00000374292	Bcells	0.128174353361081	0.288563693589066
ENSG00000117676	ENST00000374164	Bcells	0.918575252984924	0.243566728180685
ENSG00000117676	ENST-M000374162	Bcells	0.0814247470150756	0.021590347833731
ENSG00000117713	ENST00000324856	Bcells	0.852516067160408	0.239917052224623
ENSG00000117713	ENST00000374150	Bcells	0.127872208021372	0.0359860938599398
ENSG00000117859	ENST00000361556	Bcells	0.678244877040296	0.221206007502211
ENSG00000117859	ENST-M000337806	Bcells	0.15252891592483	0.0497465055211429
ENSG00000117859	ENST00000349805	Bcells	0.0972734877984226	0.0317252375950134
ENSG00000118058	ENST-M000389506	Bcells	0.549794351346417	0.0184802752638285
ENSG00000118058	ENST-M000328469	Bcells	0.450205648653584	0.0151327933655077
ENSG00000118705	ENST00000338768	Bcells	0.545646614428037	0.173258836844778
ENSG00000118705	ENST00000373632	Bcells	0.254087359454532	0.0806802043520407
ENSG00000118705	ENST00000373622	Bcells	0.104746312857887	0.0332600328668036
ENSG00000119139	ENST00000377245	Bcells	0.70104649307716	0.228977021921303
ENSG00000119139	ENST00000377259	Bcells	0.194803579202774	0.0636270830336391
ENSG00000119139	ENST00000348208	Bcells	0.0855966788344444	0.0279577357556342
ENSG00000119285	ENST00000366582	Bcells	0.492643977243069	0.0564674807022661
ENSG00000119285	ENST00000366581	Bcells	0.363348870827042	0.0416475107773275
ENSG00000119285	ENST00000366579	Bcells	0.144007151929889	0.0165062833368957
ENSG00000119318	ENST00000374678	Bcells	0.582404461310711	0.532389916399719
ENSG00000119318	ENST00000358015	Bcells	0.417595538689289	0.38173411898553
ENSG00000119397	ENST-M000238341	Bcells	0.352549048767414	0.054881758677566
ENSG00000119397	ENST00000373844	Bcells	0.186011195587174	0.0289565993249232
ENSG00000119397	ENST00000373847	Bcells	0.172280985979866	0.0268192001377882
ENSG00000119397	ENST00000373850	Bcells	0.116780352173485	0.0181793459056945
ENSG00000119397	ENST00000373851	Bcells	0.0645396946082467	0.0100469763200252
ENSG00000119397	ENST00000373865	Bcells	0.0627903021001529	0.00977464616398811
ENSG00000119596	ENST00000238571	Bcells	0.594502927053479	0.0649593361532531
ENSG00000119596	ENST00000325680	Bcells	0.405497072946522	0.0443073019021886
ENSG00000120254	ENST00000367310	Bcells	0.515007445318432	0.147146432689736
ENSG00000120254	ENST00000367321	Bcells	0.378198963387992	0.108057910260094
ENSG00000120254	ENST00000367308	Bcells	0.0601293613488378	0.0171799866250923
ENSG00000120802	ENST00000266732	Bcells	0.513707872754905	0.223350253807107
ENSG00000120802	ENST00000261210	Bcells	0.39320544213124	0.170958126118205
ENSG00000120802	ENST00000343315	Bcells	0.093086685113855	0.0404722914498943
ENSG00000121057	ENST00000337714	Bcells	0.761285998975721	0.152680930792147
ENSG00000121057	ENST00000314126	Bcells	0.238714001024279	0.0478756681700997
ENSG00000121210	ENST00000361316	Bcells	0.893535721191704	0.367838390147825
ENSG00000121210	ENST00000240487	Bcells	0.106464278808296	0.0438277373767031
ENSG00000121774	ENST00000354320	Bcells	0.511123149970771	0.337871861630132
ENSG00000121774	ENST00000355201	Bcells	0.194662098177042	0.128679058077620
ENSG00000121774	ENST00000373641	Bcells	0.179805981047649	0.118858599052451
ENSG00000121774	ENST00000307714	Bcells	0.114408770804538	0.0756285532767496



ENSG00000122257	ENST-M000319715	Bcells	0.517023076101546	0.0589986752152673
ENSG00000122257	ENST00000381039	Bcells	0.482976923898454	0.0551135916106716
ENSG00000122359	ENST00000372219	Bcells	0.660012360352275	0.357223041990961
ENSG00000122359	ENST-M000265447	Bcells	0.339987639647725	0.184013855148809
ENSG00000122406	ENST00000370321	Bcells	0.991798213818616	668.352.901.244.853
ENSG00000122566	ENST-M000354667	Bcells	0.948879189007225	328.810.648.627.133
ENSG00000122566	ENST00000356674	Bcells	0.0511208109927746	0.177146545267432
ENSG00000123064	ENST00000306014	Bcells	0.917609947312817	0.364749713259298
ENSG00000123064	ENST00000314045	Bcells	0.082390052687183	0.0327500243225063
ENSG00000123136	ENST00000242776	Bcells	0.639352130278193	0.5027225821222979
ENSG00000123136	ENST00000324340	Bcells	0.360647869721807	0.283577421138503
ENSG00000123200	ENST00000242848	Bcells	0.300484194043087	0.0250954900398140
ENSG00000123200	ENST00000378921	Bcells	0.27265357237635	0.0227711644922969
ENSG00000123200	ENST00000378920	Bcells	0.253688565721385	0.0211872670858781
ENSG00000123200	ENST00000282007	Bcells	0.173173667859179	0.0144629173283401
ENSG00000123338	ENST00000293373	Bcells	0.633656124757032	0.0793983781574066
ENSG00000123338	ENST-M000389320	Bcells	0.366343875242968	0.0459036193382397
ENSG00000124151	ENST-M000262979	Bcells	0.755011679601702	0.11296662004057
ENSG00000124151	ENST-M000371997	Bcells	0.157048561190297	0.0234979744277091
ENSG00000124151	ENST00000341724	Bcells	0.0879397592080011	0.0131577532285993
ENSG00000124155	ENST-M000279036	Bcells	0.823394286397004	0.313600814332521
ENSG00000124155	ENST00000279035	Bcells	0.135056494521304	0.0514380866645404
ENSG00000124181	ENST00000244007	Bcells	0.622020086020083	0.0888447165708289
ENSG00000124181	ENST-M000373271	Bcells	0.377979913979917	0.0539878358943023
ENSG00000124214	ENST-M000347458	Bcells	0.460208241883088	0.126723764174000
ENSG00000124214	ENST00000371805	Bcells	0.286360804096995	0.0788528229276771
ENSG00000124214	ENST-M000340954	Bcells	0.135670729078383	0.0373585344901567
ENSG00000124214	ENST00000371830	Bcells	0.117760224941533	0.0324266660534061
ENSG00000124486	ENST00000378308	Bcells	0.547118358086145	0.0303327745658103
ENSG00000124486	ENST-M000324522	Bcells	0.452881641913855	0.0251081992518409
ENSG00000124571	ENST00000265351	Bcells	0.842294522317688	0.102260008294297
ENSG00000124571	ENST00000372258	Bcells	0.0642633206681899	0.00780198319047073
ENSG00000124593	ENST00000335515	Bcells	0.98687645208898	0.172514796132216
ENSG00000125304	ENST00000376387	Bcells	0.893482117978452	0.288358189332865
ENSG00000125304	ENST00000340454	Bcells	0.106517882021548	0.0343770770262309
ENSG00000125354	ENST00000371492	Bcells	0.555903727480346	0.441074492105907
ENSG00000125354	ENST00000371493	Bcells	0.227009069745489	0.180117357002190
ENSG00000125354	ENST00000343984	Bcells	0.217087202774165	0.172244982310704
ENSG00000125503	ENST00000263433	Bcells	0.871568143154376	0.369220905754232
ENSG00000125503	ENST00000376393	Bcells	0.128431856845624	0.0544073654879329
ENSG00000125637	ENST00000245796	Bcells	0.816663139568266	0.146941441152754
ENSG00000125637	ENST-M000389435	Bcells	0.183336860431734	0.0329876312312838
ENSG00000125676	ENST00000355725	Bcells	0.584412696832527	0.0499600072262206
ENSG00000125676	ENST00000245838	Bcells	0.415587303167473	0.0355275386416226
ENSG00000125691	ENST00000245857	Bcells	0.98701778084575	536.791.941.592.436
ENSG00000125818	ENST-M000333082	Bcells	0.657245809843893	0.48845292870641
ENSG00000125818	ENST00000381898	Bcells	0.144822141212345	0.107629136553194
ENSG00000125818	ENST00000381899	Bcells	0.110999780207756	0.0824929834716235
ENSG00000125818	ENST00000246015	Bcells	0.0869322687360069	0.0646064541260153
ENSG00000125835	ENST00000381342	Bcells	0.476766343529077	0.509152689073257
ENSG00000125835	ENST00000339610	Bcells	0.403939699955506	0.431378991506448
ENSG00000125835	ENST00000303103	Bcells	0.119293956515417	0.127397496854364
ENSG00000125885	ENST-M000265187	Bcells	0.546157149434422	0.100306208986602
ENSG00000125885	ENST00000378886	Bcells	0.330289583259804	0.060660372200316
ENSG00000125885	ENST00000378883	Bcells	0.123553267305774	0.0226915638917925
ENSG00000125970	ENST00000246194	Bcells	0.882187928927604	0.880288112202235
ENSG00000125970	ENST00000375114	Bcells	0.106420630155214	0.106191450309896
ENSG00000125976	ENST-M000317619	Bcells	0.596504099031345	0.290168208822802
ENSG00000125976	ENST00000317677	Bcells	0.173577488449273	0.0844364171127676
ENSG00000125976	ENST-M000359646	Bcells	0.151573180171062	0.073732465991825
ENSG00000125976	ENST00000374114	Bcells	0.0783452323483203	0.0381108793338296
ENSG00000125991	ENST-M000279052	Bcells	0.805108766630041	0.394068650182004
ENSG00000125991	ENST00000355563	Bcells	0.100030934019550	0.0489611550381278
ENSG00000125991	ENST00000374311	Bcells	0.0948602993504082	0.0464303354655353

ENSG00000126012	ENST00000375401	Bcells	0.793132710845518	0.123626671375869
ENSG00000126012	ENST00000375379	Bcells	0.133366164802416	0.0207879649940446
ENSG00000126012	ENST00000375383	Bcells	0.0735011243520658	0.0114567199433029
ENSG00000126067	ENST00000373240	Bcells	0.805487530611225	0.291880781089414
ENSG00000126067	ENST00000373237	Bcells	0.194512469388775	0.0704845814977974
ENSG00000126254	ENST00000360475	Bcells	0.689518699353385	0.234606559178133
ENSG00000126254	ENST00000262633	Bcells	0.310481300646615	0.105640281695279
ENSG00000126457	ENST00000351853	Bcells	0.94247930274081	140.388.330.637.670
ENSG00000126457	ENST00000361340	Bcells	0.0575206972591908	0.0856807639366632
ENSG00000126464	ENST00000246798	Bcells	0.94486779282812	0.112776697155118
ENSG00000126464	ENST00000314734	Bcells	0.0551322071718795	0.00658042138689696
ENSG00000126746	ENST00000355772	Bcells	0.631896195807978	0.195607871336045
ENSG00000126746	ENST00000319770	Bcells	0.368103804192022	0.113949098042335
ENSG00000126777	ENST00000334975	Bcells	0.842354024750053	0.115255931130249
ENSG00000126777	ENST00000356229	Bcells	0.157645975249947	0.0215700680859928
ENSG00000126883	ENST-M000372280	Bcells	0.666713909954363	0.0571294304493005
ENSG00000126883	ENST-M000354226	Bcells	0.333286090045637	0.0285586429451949
ENSG00000127022	ENST-M000247461	Bcells	0.801486704573862	0.844558986238342
ENSG00000127022	ENST00000376953	Bcells	0.198513295426138	0.209181495567130
ENSG00000127054	ENST00000294579	Bcells	0.299546636306439	0.0909849878841833
ENSG00000127054	ENST00000378935	Bcells	0.246540365855595	0.074884740743294
ENSG00000127054	ENST00000378951	Bcells	0.158752491356641	0.0482198487713663
ENSG00000127054	ENST-M000270724	Bcells	0.158359524583221	0.0481004881350413
ENSG00000127054	ENST00000378964	Bcells	0.103583744447304	0.0314627660311796
ENSG00000127481	ENST-M000375254	Bcells	0.349377514650681	0.0958231950126269
ENSG00000127481	ENST00000375224	Bcells	0.166587462494421	0.0456896687275993
ENSG00000127481	ENST00000375217	Bcells	0.149833695769007	0.0410946407455308
ENSG00000127481	ENST00000375218	Bcells	0.140366519529427	0.0384980939244476
ENSG00000127481	ENST00000375225	Bcells	0.112230662771879	0.0307813188720476
ENSG00000127481	ENST00000375219	Bcells	0.0816041447845854	0.0223814342698906
ENSG00000127603	ENST-M000356138	Bcells	0.537743139185574	0.0282875776870653
ENSG00000127603	ENST-M000289893	Bcells	0.35540195592782	0.0186956554269932
ENSG00000127603	ENST00000289890	Bcells	0.106854904886606	0.00562102275782032
ENSG00000127616	ENST-M000344626	Bcells	0.846427200128509	0.793838699256945
ENSG00000127616	ENST00000324954	Bcells	0.153572799871491	0.144031325638782
ENSG00000127914	ENST-M000348132	Bcells	0.505509675915271	0.0259033972624752
ENSG00000127914	ENST00000265737	Bcells	0.384252834381324	0.0196899372899043
ENSG00000127914	ENST00000339005	Bcells	0.110237489703405	0.005648804810383
ENSG00000128815	ENST00000312002	Bcells	0.38145884450041	0.111255016646272
ENSG00000128815	ENST00000325239	Bcells	0.373726443151696	0.108999810211372
ENSG00000128815	ENST00000360890	Bcells	0.108536588391193	0.0316554200335989
ENSG00000128815	ENST00000374161	Bcells	0.096076686556374	0.0280214065455666
ENSG00000128886	ENST00000319359	Bcells	0.510423241551656	0.519777651550736
ENSG00000128886	ENST00000381413	Bcells	0.489576758448344	0.498549119719794
ENSG00000129351	ENST00000336059	Bcells	0.426659529437748	0.612946955166442
ENSG00000129351	ENST00000318511	Bcells	0.337012423465986	0.484158268043277
ENSG00000129351	ENST-M000250241	Bcells	0.236328047096266	0.339513234543195
ENSG00000130475	ENST-M000389132	Bcells	0.627832359143096	0.101062102982865
ENSG00000130475	ENST00000252771	Bcells	0.372167640856904	0.0599077825464516
ENSG00000130638	ENST00000252934	Bcells	0.839729847318518	0.428700528441951
ENSG00000130638	ENST00000381061	Bcells	0.160270152681482	0.0818214326517347
ENSG00000130640	ENST-M000334974	Bcells	0.931088140767776	0.179101447266258
ENSG00000130640	ENST00000368562	Bcells	0.0689118592322242	0.0132556878150361
ENSG00000130706	ENST00000253003	Bcells	0.907788299797812	0.613174675042985
ENSG00000130706	ENST00000370744	Bcells	0.0922117002021876	0.0622853140090381
ENSG00000130723	ENST00000320547	Bcells	0.582507115749109	0.159035941842025
ENSG00000130723	ENST-M000357304	Bcells	0.417492884250891	0.113983799105694
ENSG00000130726	ENST00000253024	Bcells	0.825787493185238	105.805.152.604.759
ENSG00000130726	ENST00000341753	Bcells	0.174212506814761	0.223212158349542
ENSG00000130787	ENST00000253083	Bcells	0.915599100034884	0.176734112880948
ENSG00000130787	ENST00000376938	Bcells	0.0609489245877141	0.0117647058823529
ENSG00000130985	ENST00000335972	Bcells	0.588997811055438	0.721520107088276
ENSG00000130985	ENST00000377269	Bcells	0.36404890544889	0.445958542314736
ENSG00000131018	ENST00000367256	Bcells	0.484538057063673	0.0735378152941506

ENSG00000131018	ENST00000313630	Bcells	0.141537282007429	0.0214809597507646
ENSG00000131018	ENST00000341594	Bcells	0.140802576886479	0.0213694543515653
ENSG00000131018	ENST00000354674	Bcells	0.137619808356682	0.0208864090244622
ENSG00000131051	ENST-M000253363	Bcells	0.596417083916907	0.257260557635003
ENSG00000131051	ENST00000374038	Bcells	0.403582916083093	0.174082816946877
ENSG00000131236	ENST00000372792	Bcells	0.421735101554212	0.224119357774956
ENSG00000131236	ENST-M000340450	Bcells	0.3598935064898	0.191255366803995
ENSG00000131236	ENST00000372798	Bcells	0.180859993396418	0.0961129994107865
ENSG00000131503	ENST00000310356	Bcells	0.286586046814485	0.0677489534702064
ENSG00000131503	ENST00000310331	Bcells	0.281281023343983	0.0664948456995862
ENSG00000131503	ENST00000360839	Bcells	0.209437678375178	0.0495110759399011
ENSG00000131503	ENST00000297183	Bcells	0.141857656623907	0.0335351559674045
ENSG00000131503	ENST00000261805	Bcells	0.0528425548673592	0.0124919821838814
ENSG00000131504	ENST00000253811	Bcells	0.666089260428703	0.149476124155169
ENSG00000131504	ENST-M000389054	Bcells	0.333910739571297	0.0749324244212848
ENSG00000131747	ENST-M000348049	Bcells	0.545428940506804	0.218015919672344
ENSG00000131747	ENST00000269577	Bcells	0.454571059493195	0.181698696625366
ENSG00000132142	ENST-M000353139	Bcells	0.840567913185778	0.0593863111453691
ENSG00000132142	ENST-M000335166	Bcells	0.159432086814222	0.0112639126066811
ENSG00000132153	ENST00000348968	Bcells	0.894526722978971	0.179886901707010
ENSG00000132153	ENST00000328976	Bcells	0.105473277021029	0.0212103903984141
ENSG00000132182	ENST00000388753	Bcells	0.789729924088125	0.547535538216502
ENSG00000132182	ENST00000254508	Bcells	0.210270075911875	0.145784445635855
ENSG00000132361	ENST00000322335	Bcells	0.855691810518883	0.184547190925413
ENSG00000132361	ENST00000381963	Bcells	0.144308189481118	0.0311229705238424
ENSG00000132382	ENST00000381562	Bcells	0.72548413079868	0.111238826433877
ENSG00000132382	ENST00000381556	Bcells	0.170430507407542	0.0261321906678702
ENSG00000132382	ENST00000254718	Bcells	0.104085361793778	0.0159594579720701
ENSG00000132424	ENST00000369239	Bcells	0.666771588848469	0.180088186718488
ENSG00000132424	ENST00000357695	Bcells	0.171739542533425	0.0463850939661678
ENSG00000132424	ENST00000296888	Bcells	0.161488868618106	0.0436164917807619
ENSG00000132466	ENST00000389453	Bcells	0.355073308775454	0.042887199387873
ENSG00000132466	ENST00000389454	Bcells	0.212576395114738	0.025675842191243
ENSG00000132466	ENST00000330838	Bcells	0.202667473562240	0.0244790023166651
ENSG00000132466	ENST-M000358602	Bcells	0.150672053828971	0.0181987838991015
ENSG00000132466	ENST00000254802	Bcells	0.079010768718597	0.0095432422209085
ENSG00000132549	ENST-M000357162	Bcells	0.84742140636747	0.0280963185508433
ENSG00000132549	ENST00000355155	Bcells	0.152578593632529	0.00505875440309597
ENSG00000132646	ENST00000379160	Bcells	0.995465616018267	158.553.428.501.567
ENSG00000132670	ENST-M000216877	Bcells	0.516581924345666	0.124310138620266
ENSG00000132670	ENST-M000380445	Bcells	0.144825903376072	0.0348508673571746
ENSG00000132670	ENST-M000356147	Bcells	0.0909302501402727	0.0218814315154959
ENSG00000132670	ENST00000380444	Bcells	0.0786486496054843	0.0189259903879495
ENSG00000132670	ENST00000318266	Bcells	0.0715932256224373	0.0172281750134215
ENSG00000132670	ENST00000380443	Bcells	0.0534014676076951	0.0128505151419047
ENSG00000132780	ENST-M000351223	Bcells	0.948801278044713	0.694834070033231
ENSG00000132780	ENST-M000341288	Bcells	0.0511987219552875	0.037494275334456
ENSG00000133112	ENST00000309246	Bcells	0.670563651833783	788.784.649.884.749
ENSG00000133112	ENST00000379060	Bcells	0.329436348166217	387.516.284.005.223
ENSG00000133226	ENST-M000323848	Bcells	0.726091740360165	0.209350104367006
ENSG00000133226	ENST00000374386	Bcells	0.273908259639835	0.0789744870450401
ENSG00000133275	ENST00000255641	Bcells	0.7917631133174	0.298744505103821
ENSG00000133275	ENST00000313975	Bcells	0.2082368866826	0.0785710076789286
ENSG00000133657	ENST00000256031	Bcells	0.739499192581985	0.0952529424983447
ENSG00000133657	ENST00000310773	Bcells	0.260500807418015	0.0335544226128544
ENSG00000133706	ENST00000274562	Bcells	0.975905634076489	0.262171556421219
ENSG00000133895	ENST00000337652	Bcells	0.799839127625861	0.227032163461802
ENSG00000133895	ENST00000312049	Bcells	0.0780397128307928	0.0221513604773288
ENSG00000133895	ENST00000377316	Bcells	0.0624293584571287	0.0177204037968547
ENSG00000133895	ENST00000377321	Bcells	0.0596918010862172	0.0169433555742157
ENSG00000134057	ENST-M000256442	Bcells	0.516117824319353	0.222776068950841
ENSG00000134057	ENST00000380848	Bcells	0.483882175680647	0.208861937825294
ENSG00000134333	ENST00000227157	Bcells	0.692551977785319	189.685.533.269.894
ENSG00000134333	ENST00000379412	Bcells	0.307448022214681	0.842080362445285

ENSG00000134452	ENST00000362091	Bcells	0.763683069495159	0.124327591610998
ENSG00000134452	ENST00000379994	Bcells	0.128594464089478	0.020935176715808
ENSG00000134452	ENST00000379999	Bcells	0.107722466415363	0.0175372158252404
ENSG00000134516	ENST00000256935	Bcells	0.793490688673412	0.100047638404940
ENSG00000134516	ENST00000343291	Bcells	0.206509311326588	0.0260378214915126
ENSG00000134644	ENST00000373741	Bcells	0.343976539719144	0.0564016290619486
ENSG00000134644	ENST-M000257075	Bcells	0.280391632348276	0.0459756495390478
ENSG00000134644	ENST00000373742	Bcells	0.223552377524413	0.0366557506606225
ENSG00000134644	ENST00000373749	Bcells	0.152079450408167	0.0249363772217429
ENSG00000134779	ENST00000334295	Bcells	0.971390812800717	0.563554561936282
ENSG00000134954	ENST00000319397	Bcells	0.96004416759984	0.599881265867289
ENSG00000135018	ENST00000376395	Bcells	0.814500600252952	0.269120174971011
ENSG00000135018	ENST00000257468	Bcells	0.185499399747049	0.0612910916228172
ENSG00000135069	ENST00000376588	Bcells	0.532042751840704	0.481853959901639
ENSG00000135069	ENST00000347159	Bcells	0.467957248159296	0.423813786223221
ENSG00000135316	ENST00000369622	Bcells	0.492126537285233	0.296789011406209
ENSG00000135316	ENST00000257768	Bcells	0.344275127769044	0.207623582719133
ENSG00000135316	ENST00000355238	Bcells	0.163598334945722	0.0986619993388025
ENSG00000135387	ENST-M000257845	Bcells	0.72705170934627	0.458157634992469
ENSG00000135387	ENST-M000389644	Bcells	0.272948290653731	0.172000617993997
ENSG00000135446	ENST00000257904	Bcells	0.83356238675044	0.625760998628475
ENSG00000135446	ENST00000312990	Bcells	0.166437613249561	0.124945857360964
ENSG00000135506	ENST-M000389147	Bcells	0.425304248296725	0.149839779323984
ENSG00000135506	ENST-M000389142	Bcells	0.314547140233881	0.110818723933254
ENSG00000135506	ENST00000315970	Bcells	0.136983832982164	0.0482610446220626
ENSG00000135506	ENST00000257966	Bcells	0.123164778487230	0.0433924262523198
ENSG00000135596	ENST00000358577	Bcells	0.317780004491841	0.057024314431973
ENSG00000135596	ENST-M000358807	Bcells	0.234759433691801	0.0421266145556269
ENSG00000135596	ENST00000368952	Bcells	0.223978797094407	0.0401920736706844
ENSG00000135596	ENST00000335266	Bcells	0.223481764721951	0.0401028832562809
ENSG00000135837	ENST00000367607	Bcells	0.517861391599354	0.0206256853620803
ENSG00000135837	ENST-M000357434	Bcells	0.429127210373291	0.0170915286697303
ENSG00000135837	ENST00000367605	Bcells	0.053011398027355	0.00211136886057368
ENSG00000136108	ENST-M000258607	Bcells	0.837089059498953	0.19705876686151
ENSG00000136108	ENST00000378034	Bcells	0.162910940501047	0.0383507927610483
ENSG00000136111	ENST00000377625	Bcells	0.966621973251551	0.418526933967636
ENSG00000136153	ENST00000341547	Bcells	0.803087946663155	0.132300120908780
ENSG00000136153	ENST00000377483	Bcells	0.140116030179139	0.0230826123228239
ENSG00000136270	ENST00000258770	Bcells	0.901486421314496	0.20449318893203
ENSG00000136270	ENST00000361278	Bcells	0.0985135786855038	0.0223468211857593
ENSG00000136279	ENST-M000389368	Bcells	0.803588225377995	0.330635868482506
ENSG00000136279	ENST00000258780	Bcells	0.196411774622005	0.0808135007849198
ENSG00000136527	ENST00000382191	Bcells	0.650329356337566	0.612343170008688
ENSG00000136527	ENST00000259043	Bcells	0.349670643662434	0.329246140148241
ENSG00000136573	ENST00000382364	Bcells	0.88486158072647	0.415732029704003
ENSG00000136573	ENST00000259089	Bcells	0.11513841927353	0.0540951599482899
ENSG00000136715	ENST-M000259235	Bcells	0.566211091533487	0.0850835153455104
ENSG00000136715	ENST00000259234	Bcells	0.433788908466513	0.0651846737058133
ENSG00000136758	ENST00000375969	Bcells	0.976375859910657	0.278135092764183
ENSG00000136811	ENST00000351030	Bcells	0.684947747298046	0.165074654942650
ENSG00000136811	ENST00000372796	Bcells	0.107270467100530	0.0258525346086751
ENSG00000136811	ENST00000372814	Bcells	0.0895351241914308	0.0215782587641922
ENSG00000136811	ENST00000372807	Bcells	0.0712729651067291	0.0171770184924972
ENSG00000136824	ENST00000374787	Bcells	0.529365899864553	0.0673176293225547
ENSG00000136824	ENST00000303219	Bcells	0.435837424171982	0.0554239367757037
ENSG00000136861	ENST-M000349780	Bcells	0.774201169355432	0.063953531933494
ENSG00000136861	ENST00000345313	Bcells	0.0978485995987621	0.00808286500561225
ENSG00000136861	ENST00000373933	Bcells	0.063994317998052	0.00528630389832396
ENSG00000136861	ENST00000373938	Bcells	0.063955913047754	0.00528313142544158
ENSG00000136942	ENST00000348462	Bcells	0.996543021468014	853.437.046.966.087
ENSG00000137073	ENST-M000357314	Bcells	0.566592288707013	0.156236946016277
ENSG00000137073	ENST00000379235	Bcells	0.255293862139459	0.0703968870603442
ENSG00000137073	ENST00000379225	Bcells	0.104058871564608	0.0286940726571755
ENSG00000137076	ENST-M000314888	Bcells	0.803484106882962	0.210714478669207

ENSG00000137076	ENST00000378192	Bcells	0.190854032169473	0.0500516532262466
ENSG00000137106	ENST00000318158	Bcells	0.89674253762072	0.464274537023398
ENSG00000137106	ENST00000377824	Bcells	0.087694698245691	0.0454025695440413
ENSG00000137265	ENST-M000380917	Bcells	0.982946475731816	0.524434302974958
ENSG00000137309	ENST00000374117	Bcells	0.565877371604913	230.660.052.067.648
ENSG00000137309	ENST00000347617	Bcells	0.296034366118212	120.668.020.544.766
ENSG00000137310	ENST00000376257	Bcells	0.666434927598237	0.161953323473420
ENSG00000137310	ENST-M000361013	Bcells	0.333565072401763	0.0810611356532696
ENSG00000137312	ENST00000376389	Bcells	0.9377645147541	0.360874630139548
ENSG00000137312	ENST00000376385	Bcells	0.0622354852459008	0.0239497308400062
ENSG00000137337	ENST-M000259882	Bcells	0.697460432251363	0.125995394360643
ENSG00000137337	ENST00000376406	Bcells	0.302539567748637	0.0546534116998483
ENSG00000137497	ENST00000359652	Bcells	0.946603694065862	0.154049755695076
ENSG00000137497	ENST-M000351960	Bcells	0.0533963059341385	0.00868968496081237
ENSG00000137776	ENST-M000380514	Bcells	0.56667528595583	0.167701304182298
ENSG00000137776	ENST00000249736	Bcells	0.223179311400891	0.0660474570111282
ENSG00000137776	ENST00000249735	Bcells	0.210145402643279	0.0621902153924865
ENSG00000138073	ENST00000380245	Bcells	0.964464686131506	0.307121120338725
ENSG00000138095	ENST00000389483	Bcells	0.481557112385439	0.0946684569117056
ENSG00000138095	ENST00000359235	Bcells	0.32091857257879	0.0630888118542092
ENSG00000138095	ENST00000260665	Bcells	0.197524315035771	0.038830954057244
ENSG00000138326	ENST00000372355	Bcells	0.875653290839515	770.955.614.760.878
ENSG00000138326	ENST-M000360830	Bcells	0.124346709160485	109.479.167.847.818
ENSG00000138668	ENST00000353341	Bcells	0.775475761463471	0.87527364341487
ENSG00000138668	ENST00000358283	Bcells	0.144781386508084	0.163413659027118
ENSG00000138668	ENST-M000313899	Bcells	0.0664662424441908	0.0750199465660067
ENSG00000138674	ENST-M000348405	Bcells	0.520498200618682	0.168217667433456
ENSG00000138674	ENST00000326950	Bcells	0.268760884881713	0.0868597222784148
ENSG00000138674	ENST00000264405	Bcells	0.140380485845962	0.0453689904290044
ENSG00000138674	ENST00000311785	Bcells	0.0703604286536438	0.0227394968391160
ENSG00000139613	ENST00000267064	Bcells	0.827415406367945	0.251748303327640
ENSG00000139613	ENST00000347471	Bcells	0.172584593632055	0.0525103573041752
ENSG00000139626	ENST00000267082	Bcells	0.958503832008374	0.191074682807041
ENSG00000139746	ENST00000267229	Bcells	0.481474817089728	0.124662697358761
ENSG00000139746	ENST00000377156	Bcells	0.224899556295095	0.0582306370497258
ENSG00000139746	ENST00000327303	Bcells	0.144223380338014	0.0373420892993137
ENSG00000139746	ENST00000377131	Bcells	0.129075066985691	0.0334199119892916
ENSG00000139842	ENST00000375440	Bcells	0.659061197367392	0.155509215803021
ENSG00000139842	ENST00000375435	Bcells	0.340938802632608	0.0804464381244135
ENSG00000140105	ENST-M000355338	Bcells	0.652945316406006	109.342.662.506.041
ENSG00000140105	ENST00000344102	Bcells	0.347054683593994	0.58118011088945
ENSG00000140264	ENST00000337861	Bcells	0.683476165652701	189.504.786.599.155
ENSG00000140264	ENST00000381359	Bcells	0.311844001222161	0.864637771931628
ENSG00000140350	ENST00000380011	Bcells	0.537670810894356	0.657847552088495
ENSG00000140350	ENST00000267918	Bcells	0.356975634993511	0.436764546033463
ENSG00000140350	ENST00000358235	Bcells	0.105353554112132	0.128901506781083
ENSG00000140525	ENST-M000300027	Bcells	0.861926445724844	0.150363345425035
ENSG00000140525	ENST00000345047	Bcells	0.138073554275156	0.0240869759113589
ENSG00000140943	ENST00000343411	Bcells	0.917331357318093	0.155547892533650
ENSG00000140943	ENST00000347334	Bcells	0.0826686426819067	0.0140177625513449
ENSG00000141076	ENST00000314423	Bcells	0.77588329892427	0.222990609990964
ENSG00000141076	ENST00000352319	Bcells	0.22411670107573	0.0644116453483781
ENSG00000141140	ENST00000378326	Bcells	0.547713554469401	0.155302934225791
ENSG00000141140	ENST00000268852	Bcells	0.452286445530599	0.128244794251079
ENSG00000141456	ENST00000301396	Bcells	0.544879937602838	0.0687957110351729
ENSG00000141456	ENST00000269230	Bcells	0.455120062397162	0.0574627659016636
ENSG00000141568	ENST-M000335249	Bcells	0.820884835726247	0.296504800577434
ENSG00000141568	ENST-M000328948	Bcells	0.171968201309734	0.0621151652654075
ENSG00000141644	ENST-M000347968	Bcells	0.433720351005102	0.133692473814506
ENSG00000141644	ENST-M000269468	Bcells	0.210024752428797	0.0647392464970007
ENSG00000141644	ENST00000339998	Bcells	0.170451948138533	0.0525410960318859
ENSG00000141644	ENST00000269471	Bcells	0.127801831351964	0.0393943769340613
ENSG00000141644	ENST00000382948	Bcells	0.0580011170756039	0.0178786003651257
ENSG00000141867	ENST00000360016	Bcells	0.686246107644887	0.199074315657735

ENSG00000141867	ENST00000263377	Bcells	0.313753892355113	0.0910174071804954
ENSG00000141959	ENST00000349048	Bcells	0.969660767562036	0.317106234031058
ENSG00000142002	ENST00000262960	Bcells	0.500955635339681	0.107597131807183
ENSG00000142002	ENST00000381797	Bcells	0.341336927634049	0.0733136266016777
ENSG00000142002	ENST00000262959	Bcells	0.0818836415533636	0.0175872759013786
ENSG00000142002	ENST00000357909	Bcells	0.0758237954729064	0.0162857194132316
ENSG00000142583	ENST00000377424	Bcells	0.95179224573971	0.47045072574561
ENSG00000142599	ENST00000377464	Bcells	0.90451504204224	0.317014695531028
ENSG00000142599	ENST00000337907	Bcells	0.0954849579577601	0.0334655958915039
ENSG00000142798	ENST00000374673	Bcells	0.661689384491145	0.0259585584944154
ENSG00000142798	ENST-M000270945	Bcells	0.153234382624663	0.00601149690164203
ENSG00000142798	ENST00000374676	Bcells	0.117196980112026	0.00459772324433834
ENSG00000142798	ENST00000311538	Bcells	0.0678792527721656	0.00266295273121016
ENSG00000142937	ENST00000372214	Bcells	0.80451898833864	64.863.353.437.853
ENSG00000142937	ENST00000372209	Bcells	0.195481011661361	157.604.160.169.838
ENSG00000142945	ENST00000372224	Bcells	0.412533298445117	0.130373852869790
ENSG00000142945	ENST00000372218	Bcells	0.277515025690993	0.0877037157120709
ENSG00000142945	ENST00000372217	Bcells	0.265582239920693	0.0839325698137701
ENSG00000143319	ENST00000359705	Bcells	0.675328221647798	0.201138316254549
ENSG00000143319	ENST-M000313146	Bcells	0.324671778352202	0.0966995495520541
ENSG00000143418	ENST00000368949	Bcells	0.78611170682747	0.310004307383865
ENSG00000143418	ENST-M000271688	Bcells	0.168210054782048	0.0663338824174965
ENSG00000143486	ENST-M000271764	Bcells	0.975437871246364	0.257146622001148
ENSG00000143569	ENST-M000343815	Bcells	0.555234076118752	0.320842108140097
ENSG00000143569	ENST-M000271877	Bcells	0.33570267248345	0.193985848096288
ENSG00000143569	ENST00000368504	Bcells	0.0756078361186527	0.0436900013446424
ENSG00000143621	ENST00000361891	Bcells	0.510101544926665	0.48890908089038
ENSG00000143621	ENST00000368684	Bcells	0.470132954000265	0.450601008216106
ENSG00000143799	ENST00000366794	Bcells	0.776230911996271	135.707.647.947.292
ENSG00000143799	ENST00000366791	Bcells	0.210059916703632	0.367245580964328
ENSG00000143811	ENST00000316940	Bcells	0.403989449312635	0.273804086226043
ENSG00000143811	ENST00000343818	Bcells	0.257618610331989	0.174601164255126
ENSG00000143811	ENST00000345037	Bcells	0.208082533328675	0.141028059011432
ENSG00000143811	ENST00000316918	Bcells	0.130309407026701	0.0883172770435207
ENSG00000143815	ENST00000272163	Bcells	0.656488654375035	0.365680256348164
ENSG00000143815	ENST00000338179	Bcells	0.343511345624965	0.191344231297072
ENSG00000143870	ENST00000381611	Bcells	0.562973505906576	0.485923746815877
ENSG00000143870	ENST00000381598	Bcells	0.431547909478941	0.372485338838245
ENSG00000144028	ENST00000323853	Bcells	0.989784144750698	0.468527815048285
ENSG00000144283	ENST00000336933	Bcells	0.585150824113788	0.146644137942956
ENSG00000144283	ENST00000389756	Bcells	0.300720127048988	0.0753632088957286
ENSG00000144283	ENST-M000389757	Bcells	0.114129048837224	0.02860178144042
ENSG00000144354	ENST00000347703	Bcells	0.904496340990832	0.488999184484248
ENSG00000144354	ENST00000306721	Bcells	0.095503659009168	0.0516322833540553
ENSG00000144381	ENST00000345042	Bcells	0.96226406089289	139.814.850.657.975
ENSG00000144580	ENST00000273064	Bcells	0.627366874390083	0.143102859217124
ENSG00000144580	ENST00000295701	Bcells	0.372633125609917	0.0849978981845901
ENSG00000144749	ENST00000383703	Bcells	0.572608042161827	0.271068673288947
ENSG00000144749	ENST-M000273261	Bcells	0.427391957838173	0.202324386762310
ENSG00000144895	ENST00000273435	Bcells	0.98125085177866	0.417807687518782
ENSG00000145016	ENST00000273582	Bcells	0.533315324896623	0.0729446021791338
ENSG00000145016	ENST00000389665	Bcells	0.380619806168376	0.052059558475716
ENSG00000145016	ENST00000296343	Bcells	0.0860648689350004	0.0117715867761344
ENSG00000145041	ENST00000273612	Bcells	0.87677066770119	0.0881263585609233
ENSG00000145041	ENST00000335891	Bcells	0.123229332298809	0.0123860807887897
ENSG00000145741	ENST00000380591	Bcells	0.862930603622918	357.734.367.376.065
ENSG00000145741	ENST00000274408	Bcells	0.137069396377082	0.5682314845911
ENSG00000145833	ENST-M000389366	Bcells	0.553100623586991	0.0787493125528275
ENSG00000145833	ENST-M000274514	Bcells	0.446899376413009	0.0636286006053953
ENSG00000145901	ENST00000315050	Bcells	0.587675364141346	0.172569477850744
ENSG00000145901	ENST-M000389378	Bcells	0.412324635858654	0.121078152083319
ENSG00000145907	ENST00000356245	Bcells	0.927323368425418	0.394286588048476
ENSG00000145907	ENST00000274596	Bcells	0.072676631574582	0.0309012174933697
ENSG00000146094	ENST00000357198	Bcells	0.563387662985082	0.338223526335952

ENSG00000146094	ENST00000312943	Bcells	0.326712477075967	0.196138207054622
ENSG00000146094	ENST00000377112	Bcells	0.109899859938951	0.0659771603365115
ENSG00000146731	ENST00000275603	Bcells	0.76891579476513	0.395298764350372
ENSG00000146731	ENST00000335503	Bcells	0.23108420523487	0.118800135739355
ENSG00000146918	ENST00000356309	Bcells	0.711936017759043	0.135037753232699
ENSG00000146918	ENST00000275830	Bcells	0.288063982240957	0.0546390574135111
ENSG00000146963	ENST00000263545	Bcells	0.903617774545056	0.394460263361598
ENSG00000146963	ENST00000354926	Bcells	0.0963822254549436	0.0420741591271545
ENSG00000147010	ENST00000379726	Bcells	0.671417865644257	0.225540057065935
ENSG00000147010	ENST00000379716	Bcells	0.135139053949741	0.0453953811765417
ENSG00000147010	ENST00000379698	Bcells	0.0956775383659151	0.0321396235744643
ENSG00000147010	ENST00000379702	Bcells	0.0551446456839501	0.0185239731780218
ENSG00000147130	ENST-M000373988	Bcells	0.468502159659243	0.0519347152687552
ENSG00000147130	ENST-M000314425	Bcells	0.275434680018656	0.0305326696728865
ENSG00000147130	ENST00000373984	Bcells	0.0836954888672842	0.00927786840249182
ENSG00000147130	ENST00000373981	Bcells	0.0680638035663497	0.00754505435129238
ENSG00000147130	ENST00000373982	Bcells	0.0646493249282643	0.00716655027782304
ENSG00000147140	ENST-M000276079	Bcells	0.964005586266206	151.034.599.552.422
ENSG00000147162	ENST00000276103	Bcells	0.489410754974784	0.158788380827577
ENSG00000147162	ENST00000373719	Bcells	0.442918788322739	0.143704151412659
ENSG00000147162	ENST00000373701	Bcells	0.0676704567024773	0.0219555498942859
ENSG00000147507	ENST00000359619	Bcells	0.713945001564207	0.330191040333392
ENSG00000147507	ENST00000276497	Bcells	0.286054998435793	0.132297021926257
ENSG00000148248	ENST00000371987	Bcells	0.507026195351341	0.233350039733848
ENSG00000148248	ENST00000371989	Bcells	0.396411384913517	0.182441485802168
ENSG00000148337	ENST-M000357558	Bcells	0.520128615487	0.265480300320706
ENSG00000148337	ENST00000277465	Bcells	0.148707366294509	0.0759021424476007
ENSG00000148337	ENST00000372948	Bcells	0.117633261925980	0.0600415219888895
ENSG00000148337	ENST00000372954	Bcells	0.0743031040992247	0.0379252550305337
ENSG00000148337	ENST00000324544	Bcells	0.0576713016279368	0.0294361702474979
ENSG00000148337	ENST00000372941	Bcells	0.0500144531412619	0.0255280168115457
ENSG00000148341	ENST00000372559	Bcells	0.621782167209989	0.326818543968189
ENSG00000148341	ENST-M000359638	Bcells	0.378217832790011	0.198797276496176
ENSG00000148396	ENST-M000290037	Bcells	0.602806470771719	0.0987694006874855
ENSG00000148396	ENST00000313084	Bcells	0.291695742122618	0.0477941346509745
ENSG00000148396	ENST00000277537	Bcells	0.105497787105663	0.0172857354914299
ENSG00000148773	ENST-M000368652	Bcells	0.856629780977242	0.389830799372949
ENSG00000148773	ENST00000368654	Bcells	0.143370219022758	0.0652442027221572
ENSG00000148840	ENST00000278070	Bcells	0.95277837103056	0.194389884392669
ENSG00000149311	ENST-M000278616	Bcells	0.605215279175078	0.041782014330467
ENSG00000149311	ENST00000389511	Bcells	0.337549587542536	0.0233032809799000
ENSG00000149311	ENST-M000389512	Bcells	0.0572351332823862	0.00395131987128676
ENSG00000149485	ENST00000350997	Bcells	0.495422888814591	0.270065307189232
ENSG00000149485	ENST00000278829	Bcells	0.421590953313415	0.229817985574338
ENSG00000149485	ENST00000337189	Bcells	0.0829861578719948	0.0452374783728287
ENSG00000149781	ENST00000279227	Bcells	0.890779440259054	0.354457260917124
ENSG00000149781	ENST00000345728	Bcells	0.109220559740946	0.0434608374328354
ENSG00000151503	ENST00000281189	Bcells	0.552404703094649	0.0592378868261121
ENSG00000151503	ENST-M000389502	Bcells	0.447595296905351	0.0479985043455291
ENSG00000151914	ENST-M000244364	Bcells	0.504074765030424	0.0190518945651627
ENSG00000151914	ENST-M000312431	Bcells	0.394929979576193	0.0149266832094905
ENSG00000151914	ENST00000281662	Bcells	0.0595060058800962	0.00224907539252261
ENSG00000152601	ENST-M000324210	Bcells	0.673878057122405	0.275676581382855
ENSG00000152601	ENST00000282486	Bcells	0.253986780233848	0.103903379181535
ENSG00000152601	ENST00000324196	Bcells	0.0721351626437465	0.0295097530257052
ENSG00000153187	ENST00000283179	Bcells	0.930618040771343	107.653.704.988.913
ENSG00000153827	ENST00000283943	Bcells	0.881501024966856	0.0817201819220051
ENSG00000153827	ENST-M000389044	Bcells	0.118498975033144	0.010985532090157
ENSG00000154237	ENST00000342765	Bcells	0.263220918504430	0.133832113945077
ENSG00000154237	ENST00000388948	Bcells	0.254147710426048	0.12921892961196
ENSG00000154237	ENST00000284395	Bcells	0.246563598276958	0.125362861609932
ENSG00000154237	ENST00000378865	Bcells	0.236067772792564	0.120026361303816
ENSG00000154277	ENST00000381764	Bcells	0.924985936690864	146.475.641.621.308
ENSG00000154277	ENST00000381760	Bcells	0.0750140633091362	0.118788109288837

ENSG00000154473	ENST00000368858	Bcells	0.613436201356598	0.532737188109855
ENSG00000154473	ENST00000368859	Bcells	0.386563798643402	0.335710397689158
ENSG00000155229	ENST-M000327253	Bcells	0.822512161814338	0.181238598267308
ENSG00000155229	ENST00000327277	Bcells	0.103450029603843	0.0227949679367101
ENSG00000155229	ENST00000327238	Bcells	0.0740378085818193	0.0163140550001753
ENSG00000155368	ENST00000355857	Bcells	0.983581818241702	297.873.756.439.398
ENSG00000155629	ENST-M000388858	Bcells	0.454737321091181	0.197867159143346
ENSG00000155629	ENST00000371110	Bcells	0.273736132520143	0.119109183224015
ENSG00000155629	ENST-M000339364	Bcells	0.228547278044784	0.099446424428397
ENSG00000155657	ENST00000342992	Bcells	0.722656805715021	0.0161767107633186
ENSG00000155657	ENST00000356127	Bcells	0.147578034122527	0.00330354208822151
ENSG00000155657	ENST-M000355565	Bcells	0.0559081153937412	0.0012515061158968
ENSG00000155966	ENST00000342251	Bcells	0.547676250250139	0.0943798629346396
ENSG00000155966	ENST-M000286437	Bcells	0.41156007193561	0.070923256505851
ENSG00000156261	ENST-M000389157	Bcells	0.84952877128009	0.663683195025623
ENSG00000156261	ENST00000286788	Bcells	0.150471228719910	0.117553671179119
ENSG00000156515	ENST00000359426	Bcells	0.958098026122951	0.148114069048652
ENSG00000156738	ENST00000345732	Bcells	0.681092432323227	0.690845775048315
ENSG00000156738	ENST-M000389940	Bcells	0.318907567676773	0.323474370444741
ENSG00000156858	ENST00000300835	Bcells	0.695571267737227	0.180823391350067
ENSG00000156858	ENST00000287463	Bcells	0.304428732262773	0.079140468195636
ENSG00000156976	ENST00000323963	Bcells	0.955641507934427	0.83824239984756
ENSG00000156983	ENST00000310252	Bcells	0.349665821571396	0.141874662396585
ENSG00000156983	ENST00000336674	Bcells	0.212922718471994	0.0863920261466256
ENSG00000156983	ENST00000287613	Bcells	0.179415647781944	0.0727967473152953
ENSG00000156983	ENST-M000302054	Bcells	0.0896586641032844	0.0363784273893783
ENSG00000156983	ENST00000383830	Bcells	0.0894133102343606	0.0362788766321300
ENSG00000156983	ENST00000383828	Bcells	0.0658764395670084	0.0267289424555612
ENSG00000157106	ENST00000389467	Bcells	0.475104470015423	0.0740807558567238
ENSG00000157106	ENST00000328884	Bcells	0.343224240767473	0.0535173057487318
ENSG00000157106	ENST00000336287	Bcells	0.103138170631560	0.0160818390907113
ENSG00000157106	ENST00000381448	Bcells	0.0785331185855443	0.0122452916185234
ENSG00000157193	ENST00000354412	Bcells	0.363636037958388	0.0589201979463571
ENSG00000157193	ENST00000347547	Bcells	0.35941121183141	0.0582356464561141
ENSG00000157193	ENST-M000306052	Bcells	0.276952750210201	0.0448748450670348
ENSG00000157212	ENST00000323199	Bcells	0.970823070630945	0.110708634803057
ENSG00000157654	ENST00000374525	Bcells	0.977462272253863	0.444178320667421
ENSG00000158545	ENST00000301011	Bcells	0.875946593583597	0.205993274731572
ENSG00000158545	ENST00000289509	Bcells	0.124053406416403	0.0291732025862176
ENSG00000158710	ENST00000368096	Bcells	0.998879696806007	203.255.813.953.488
ENSG00000158850	ENST00000367997	Bcells	0.471448879445051	0.186259653258179
ENSG00000158850	ENST00000367998	Bcells	0.433121334025242	0.171117236696422
ENSG00000158850	ENST-M000310413	Bcells	0.0954297865297074	0.0377023251607857
ENSG00000158941	ENST-M000308511	Bcells	0.610184963041053	0.146611690377943
ENSG00000158941	ENST-M000389277	Bcells	0.389815036958947	0.0936624875487902
ENSG00000159131	ENST00000381815	Bcells	0.709663658715573	0.200870287663984
ENSG00000159131	ENST00000381805	Bcells	0.150170102121763	0.0425056450915406
ENSG00000159131	ENST00000381831	Bcells	0.114846533264756	0.0325073094708782
ENSG00000159140	ENST00000381679	Bcells	0.358684847247227	0.20236201884108
ENSG00000159140	ENST00000290239	Bcells	0.317967895860921	0.17939041982645
ENSG00000159140	ENST-M000381692	Bcells	0.100596121476122	0.0567540959305129
ENSG00000159140	ENST00000381729	Bcells	0.0868571411214427	0.0490028685710966
ENSG00000159140	ENST00000381681	Bcells	0.079746980923513	0.0449914742148002
ENSG00000159377	ENST00000290541	Bcells	0.765813680348074	0.689934624515041
ENSG00000159377	ENST00000368866	Bcells	0.234186319651926	0.210982455213092
ENSG00000159692	ENST-M000290921	Bcells	0.641495354410384	0.670366292337934
ENSG00000159692	ENST00000382950	Bcells	0.358504645589616	0.374639392783646
ENSG00000159842	ENST-M000302538	Bcells	0.569010901001867	0.119194385727344
ENSG00000159842	ENST00000291107	Bcells	0.309872250221052	0.0649109401138292
ENSG00000159842	ENST00000382243	Bcells	0.121116848777082	0.0253711279797934
ENSG00000160201	ENST00000291552	Bcells	0.657143915424835	0.732315359624724
ENSG00000160201	ENST00000380276	Bcells	0.342856084575165	0.382075784286715
ENSG00000160211	ENST-M000291567	Bcells	0.973777544719777	0.232799912699125
ENSG00000160218	ENST00000291574	Bcells	0.961794494845079	0.105706962126535



ENSG00000160752	ENST00000368356	Bcells	0.644111879939608	0.763511901908295
ENSG00000160752	ENST00000356657	Bcells	0.355888120060392	0.421859654939689
ENSG00000160796	ENST-M000292309	Bcells	0.928954627834996	0.227714090122165
ENSG00000160796	ENST00000296147	Bcells	0.0710453721650043	0.0174153094189850
ENSG00000160916	ENST00000292475	Bcells	0.949846991552069	346.409.233.511.798
ENSG00000160916	ENST00000359832	Bcells	0.0501530084479312	0.182908040655790
ENSG00000160949	ENST00000292520	Bcells	0.634649145394345	0.0633168676335168
ENSG00000160949	ENST-M000388808	Bcells	0.365350854605655	0.0364498587427936
ENSG00000160967	ENST00000292538	Bcells	0.805914450863815	0.563834753340206
ENSG00000160967	ENST00000292535	Bcells	0.194085549136185	0.135786345072737
ENSG00000161847	ENST00000293677	Bcells	0.759902448165268	0.257347686150742
ENSG00000161847	ENST-M000388928	Bcells	0.158745624106352	0.0537606098637549
ENSG00000161847	ENST00000331131	Bcells	0.0813519277283797	0.0275505499624969
ENSG00000162073	ENST00000318782	Bcells	0.783112902028684	0.354030768975777
ENSG00000162073	ENST00000293978	Bcells	0.216887097971316	0.0980506206407732
ENSG00000162298	ENST00000377190	Bcells	0.868063177241073	0.876369972916682
ENSG00000162298	ENST00000294256	Bcells	0.109784767875557	0.110835336150939
ENSG00000162434	ENST00000294423	Bcells	0.685816238789743	0.242976187588556
ENSG00000162434	ENST00000342505	Bcells	0.299213369466337	0.10600758581738
ENSG00000162613	ENST00000370768	Bcells	0.870763998510791	0.356444562660649
ENSG00000162613	ENST-M000294623	Bcells	0.129236001489209	0.052902359433342
ENSG00000163349	ENST00000361587	Bcells	0.328249902755807	0.0622360750154554
ENSG00000163349	ENST-M000340480	Bcells	0.228511528115499	0.0433257115578566
ENSG00000163349	ENST00000369558	Bcells	0.154290833588268	0.0292534919668814
ENSG00000163349	ENST00000369555	Bcells	0.145447235058314	0.0275767485561568
ENSG00000163349	ENST00000369559	Bcells	0.084211543846277	0.015966481378924
ENSG00000163349	ENST00000369553	Bcells	0.0592889566358345	0.0112411669334778
ENSG00000163399	ENST00000369494	Bcells	0.399058217434738	0.321286463743241
ENSG00000163399	ENST00000369496	Bcells	0.355112831687695	0.285905516884756
ENSG00000163399	ENST00000295598	Bcells	0.240701942604274	0.193791964622563
ENSG00000163468	ENST00000368262	Bcells	0.590701562471276	0.7281481961611
ENSG00000163468	ENST00000368256	Bcells	0.210511720203941	0.259494369197176
ENSG00000163468	ENST00000368259	Bcells	0.151601305075052	0.186876459856047
ENSG00000163565	ENST00000359709	Bcells	0.33975842854183	0.149026055247358
ENSG00000163565	ENST00000295809	Bcells	0.302356268836711	0.132620586389654
ENSG00000163565	ENST00000340979	Bcells	0.182720352455477	0.080145453511521
ENSG00000163565	ENST00000368131	Bcells	0.128683251711161	0.0564435074097249
ENSG00000163872	ENST00000305135	Bcells	0.984564774960099	0.199798237065686
ENSG00000164190	ENST00000282516	Bcells	0.882238752359174	0.0551549802472411
ENSG00000164190	ENST00000356985	Bcells	0.117761247640826	0.00736208794972084
ENSG00000164880	ENST00000389470	Bcells	0.546979033171741	0.140256547010625
ENSG00000164880	ENST00000297487	Bcells	0.214824092677668	0.0550852658445497
ENSG00000164880	ENST00000312925	Bcells	0.199612930186522	0.0511848144604182
ENSG00000164985	ENST-M000380733	Bcells	0.90132081045701	0.278311456873922
ENSG00000164985	ENST-M000380715	Bcells	0.0986791895429905	0.030470337183186
ENSG00000165025	ENST-M000375751	Bcells	0.61160588844612	0.260796311291199
ENSG00000165025	ENST00000375747	Bcells	0.38839411155388	0.165616050358544
ENSG00000165119	ENST00000376256	Bcells	0.495944872100159	0.953605080811186
ENSG00000165119	ENST00000376281	Bcells	0.306938729321754	0.59018320028086
ENSG00000165119	ENST00000376258	Bcells	0.187938534297200	0.361369078032976
ENSG00000165209	ENST00000373639	Bcells	0.96641583682134	0.399489899211465
ENSG00000165238	ENST00000335372	Bcells	0.820769798754262	0.103731878974238
ENSG00000165238	ENST-M000349097	Bcells	0.098800405964192	0.0124867554454834
ENSG00000165238	ENST00000375434	Bcells	0.0804297952815458	0.0101650107042571
ENSG00000165271	ENST00000379471	Bcells	0.390636814151761	0.0739546677715615
ENSG00000165271	ENST00000297990	Bcells	0.327789168048259	0.0620564630467925
ENSG00000165271	ENST00000379470	Bcells	0.238769523520343	0.0452034220693314
ENSG00000165280	ENST00000378683	Bcells	0.599847894815842	0.250330423697715
ENSG00000165280	ENST00000358901	Bcells	0.400152105184158	0.166992744160644
ENSG00000165283	ENST00000356493	Bcells	0.969476442082455	0.514348859925609
ENSG00000165458	ENST00000298229	Bcells	0.794946663735157	0.239103459565825
ENSG00000165458	ENST00000320683	Bcells	0.205053336264843	0.0616757882422825
ENSG00000165678	ENST00000372134	Bcells	0.574946043542364	0.281702052375262
ENSG00000165678	ENST00000339736	Bcells	0.425053956457636	0.208260537226427

ENSG00000166783	ENST00000321370	Bcells	0.904996056333139	0.0720068200656937
ENSG00000166783	ENST00000344181	Bcells	0.0950039436668609	0.00755907368797718
ENSG00000166851	ENST00000300093	Bcells	0.948561827030433	0.883816163574899
ENSG00000166851	ENST00000330792	Bcells	0.0514381729695666	0.0479271750135543
ENSG00000166938	ENST00000319194	Bcells	0.922507216413956	0.135250964932644
ENSG00000166938	ENST00000319212	Bcells	0.0774927835860436	0.0113614002891722
ENSG00000166986	ENST00000262027	Bcells	0.679937362077833	0.526747259219905
ENSG00000166986	ENST00000315473	Bcells	0.320062637922167	0.247952424307131
ENSG00000167004	ENST00000300289	Bcells	0.994896656767995	130.167.772.316.792
ENSG00000167483	ENST00000335393	Bcells	0.947520320957807	0.270450774577802
ENSG00000167483	ENST00000300971	Bcells	0.0524796790421936	0.0149792775232604
ENSG00000167522	ENST00000330736	Bcells	0.505250493574895	0.333333333333333
ENSG00000167522	ENST00000378332	Bcells	0.173808861567618	0.114668442536846
ENSG00000167522	ENST-M000301030	Bcells	0.172315567125224	0.113683258315433
ENSG00000167522	ENST00000378329	Bcells	0.148625077732264	0.0980537242564366
ENSG00000167548	ENST00000301067	Bcells	0.91369160762352	0.083815985926623
ENSG00000167548	ENST00000360556	Bcells	0.0863083923764797	0.00791735738888082
ENSG00000167615	ENST00000326764	Bcells	0.579742601031924	0.27470536050005
ENSG00000167615	ENST00000301196	Bcells	0.240859219888219	0.11412878527709
ENSG00000167615	ENST00000376526	Bcells	0.104778506246314	0.0496482702492747
ENSG00000167615	ENST00000376514	Bcells	0.0746196728335433	0.0353578020480947
ENSG00000167670	ENST00000301280	Bcells	0.881231813092638	0.238110656815959
ENSG00000167670	ENST00000344143	Bcells	0.118768186907362	0.0320914095169866
ENSG00000167815	ENST00000301522	Bcells	0.981957868249776	169.025.373.139.643
ENSG00000167978	ENST00000301740	Bcells	0.972060285452751	0.818257008386751
ENSG00000167984	ENST-M000301749	Bcells	0.911977214200429	0.111316954443035
ENSG00000167984	ENST00000324659	Bcells	0.0880227857995711	0.0107441592665126
ENSG00000167986	ENST-M000389649	Bcells	0.843725748357692	0.47103086009663
ENSG00000167986	ENST00000301764	Bcells	0.156274251642308	0.087243983374118
ENSG00000168000	ENST00000301785	Bcells	0.768831013410425	0.311810187461513
ENSG00000168000	ENST-M000278893	Bcells	0.226574713378774	0.0918905489247741
ENSG00000168003	ENST-M000338663	Bcells	0.677427449285054	0.362844582813571
ENSG00000168003	ENST-M000377890	Bcells	0.322572550714946	0.172776734563679
ENSG00000168016	ENST00000301807	Bcells	0.926823113026075	0.0554315365908901
ENSG00000168016	ENST000003389421	Bcells	0.0731768869739247	0.00437657113951194
ENSG00000168066	ENST-M000227503	Bcells	0.540272746554756	0.566823365088132
ENSG00000168066	ENST00000358346	Bcells	0.459727253445244	0.482319625563693
ENSG00000168071	ENST00000356786	Bcells	0.570027260638245	0.0758308656119155
ENSG00000168071	ENST-M000318701	Bcells	0.209065020565188	0.0278119707132608
ENSG00000168071	ENST00000359902	Bcells	0.151857247014760	0.0202016066348795
ENSG00000168159	ENST00000366694	Bcells	0.585291680659163	0.698701442632323
ENSG00000168159	ENST00000305943	Bcells	0.414708319340837	0.495064786618428
ENSG00000168384	ENST00000374808	Bcells	0.960177788620666	145.124.134.088.014
ENSG00000168477	ENST00000375190	Bcells	0.429058038263641	0.257832930848783
ENSG00000168477	ENST00000342991	Bcells	0.400913692380804	0.240920209168611
ENSG00000168477	ENST-M000375201	Bcells	0.161123944104823	0.0968238677139878
ENSG00000168488	ENST00000336783	Bcells	0.990016923101719	0.982016644904276
ENSG00000168502	ENST00000306329	Bcells	0.50931261044515	0.0512513608908818
ENSG00000168502	ENST00000306285	Bcells	0.424220714743755	0.0426886915871122
ENSG00000168502	ENST00000359865	Bcells	0.0664666748110956	0.00668844137784648
ENSG00000168952	ENST00000323944	Bcells	0.897315431935204	0.556627044867715
ENSG00000168952	ENST00000358326	Bcells	0.102684568064796	0.0636977874682896
ENSG00000169679	ENST00000302759	Bcells	0.600154575228809	0.179209405564632
ENSG00000169679	ENST-M000389944	Bcells	0.399845424771191	0.119396008709363
ENSG00000169718	ENST00000306796	Bcells	0.752825242631562	0.456750090577429
ENSG00000169718	ENST-M000389713	Bcells	0.126633380874977	0.076830325166287
ENSG00000169718	ENST00000354321	Bcells	0.120541376493461	0.0731342169654924
ENSG00000169727	ENST00000306823	Bcells	0.838397799307482	0.391857583905732
ENSG00000169727	ENST00000355130	Bcells	0.101949268137566	0.0476499269515528
ENSG00000169727	ENST00000320548	Bcells	0.0596529325549525	0.0278811013616489
ENSG00000170325	ENST-M000358825	Bcells	0.523420549238674	0.084958665551735
ENSG00000170325	ENST00000304538	Bcells	0.476579450761326	0.0773556831594669
ENSG00000170606	ENST00000304858	Bcells	0.755207520395946	0.241927215632392
ENSG00000170606	ENST00000321956	Bcells	0.244792479604054	0.078418131968957

ENSG00000170638	ENST00000303434	Bcells	0.857545218393934	0.938219017871437
ENSG00000170638	ENST00000380909	Bcells	0.142454781606066	0.155856253900930
ENSG00000170759	ENST00000375174	Bcells	0.666703186592543	0.159120649529025
ENSG00000170759	ENST00000302418	Bcells	0.333296813407457	0.079547250563482
ENSG00000170776	ENST00000361243	Bcells	0.864272350591916	0.0787654121299806
ENSG00000170776	ENST-M000258877	Bcells	0.135727649408085	0.0123695317057633
ENSG00000171148	ENST00000383824	Bcells	0.95599810080363	0.210667824634243
ENSG00000171634	ENST00000321892	Bcells	0.449012974336706	0.135803424163816
ENSG00000171634	ENST00000306378	Bcells	0.260983751652044	0.0789342160498216
ENSG00000171634	ENST-M000321866	Bcells	0.162396628335572	0.0491166613463856
ENSG00000171634	ENST00000342579	Bcells	0.127606645675678	0.0385944736995973
ENSG00000171793	ENST00000372621	Bcells	0.691870625692098	0.214085857696512
ENSG00000171793	ENST00000372616	Bcells	0.308129374307902	0.0953446192548049
ENSG00000172046	ENST00000335373	Bcells	0.72875923868092	0.0950466113313564
ENSG00000172046	ENST00000306026	Bcells	0.27124076131908	0.0353759017381096
ENSG00000172270	ENST00000353555	Bcells	0.725115808688542	0.503662528250034
ENSG00000172270	ENST00000346916	Bcells	0.256165772043412	0.177931716358324
ENSG00000172531	ENST00000312989	Bcells	0.546834155943464	114.617.066.983.784
ENSG00000172531	ENST00000358239	Bcells	0.283508926332277	0.59423796496148
ENSG00000172531	ENST00000376745	Bcells	0.169656917724258	0.355602847622306
ENSG00000172534	ENST00000369988	Bcells	0.913114126645574	0.306249222014073
ENSG00000172534	ENST-M000310441	Bcells	0.0868858733544256	0.0291406411776327
ENSG00000173442	ENST00000308755	Bcells	0.732181465537951	0.259176029962547
ENSG00000173442	ENST00000309295	Bcells	0.267818534462049	0.0948018323043218
ENSG00000174231	ENST-M000304992	Bcells	0.96880442764124	0.303116307250667
ENSG00000174437	ENST00000308664	Bcells	0.947630545662537	0.584092873895422
ENSG00000174437	ENST-M000313432	Bcells	0.052369454337463	0.0322790619491036
ENSG00000174444	ENST00000307961	Bcells	0.795479933121796	932.389.064.468.609
ENSG00000174444	ENST00000303494	Bcells	0.204520066878204	239.719.779.068.806
ENSG00000175221	ENST00000325464	Bcells	0.452324998617356	0.081215108069471
ENSG00000175221	ENST00000269814	Bcells	0.434734269545685	0.0780566866535787
ENSG00000175221	ENST00000312090	Bcells	0.112940731836959	0.0202785469952397
ENSG00000176715	ENST00000317447	Bcells	0.88684387848865	0.248033274135530
ENSG00000176715	ENST00000378345	Bcells	0.113156121511350	0.0316476033580663
ENSG00000176890	ENST00000323274	Bcells	0.540939837083079	0.580579366452538
ENSG00000176890	ENST00000323250	Bcells	0.399825834997715	0.429124671656746
ENSG00000176890	ENST00000323224	Bcells	0.0592343279192061	0.0635749601305344
ENSG00000176915	ENST00000357997	Bcells	0.832630034284658	0.132498043377833
ENSG00000176915	ENST00000337516	Bcells	0.167369965715342	0.0266339094968513
ENSG00000176986	ENST-M000339365	Bcells	0.953305256883828	0.293888104027682
ENSG00000177084	ENST-M000320574	Bcells	0.853175950107122	0.160131106884567
ENSG00000177084	ENST00000320557	Bcells	0.146824049892878	0.0275571499919442
ENSG00000177156	ENST00000319006	Bcells	0.89223697419678	0.741494636530395
ENSG00000177156	ENST00000382382	Bcells	0.107763025803221	0.0895565953443124
ENSG00000177455	ENST00000324662	Bcells	0.959136117207496	0.372268856978507
ENSG00000177728	ENST-M000389848	Bcells	0.668915499918275	0.0637101393234507
ENSG00000177728	ENST-M000314256	Bcells	0.331084500081725	0.031533788095236
ENSG00000177731	ENST00000327031	Bcells	0.911029862902488	0.119097817354552
ENSG00000177731	ENST00000379450	Bcells	0.088970137097512	0.0116309569746596
ENSG00000178252	ENST00000315574	Bcells	0.960900759972353	0.211358370786649
ENSG00000178950	ENST00000314167	Bcells	0.443468596824212	0.0847071396527082
ENSG00000178950	ENST00000334874	Bcells	0.296446365393934	0.0566243559358852
ENSG00000178950	ENST00000382997	Bcells	0.260085037781854	0.0496789621063075
ENSG00000179051	ENST00000375436	Bcells	0.507436942425892	0.286185524998237
ENSG00000179051	ENST00000375433	Bcells	0.492563057574108	0.27779691512541
ENSG00000179218	ENST00000316448	Bcells	0.921790505923753	419.667.763.680.704
ENSG00000179218	ENST00000380253	Bcells	0.078209494076247	0.35606792722047
ENSG00000179222	ENST00000375772	Bcells	0.961670608161272	0.233947857350798
ENSG00000180198	ENST00000373832	Bcells	0.826610558469505	0.425713599387897
ENSG00000180198	ENST00000373833	Bcells	0.0794525494994963	0.0409189436082233
ENSG00000180198	ENST00000373834	Bcells	0.0659378385747251	0.0339587176910467
ENSG00000180900	ENST00000377533	Bcells	0.690804541017493	0.0975957751819719
ENSG00000180900	ENST-M000320476	Bcells	0.309195458982507	0.0436826464077619
ENSG00000181090	ENST00000371393	Bcells	0.409664649291952	0.184711620765786

ENSG00000181090	ENST00000334856	Bcells	0.268773117510875	0.121185750929479
ENSG00000181090	ENST00000358074	Bcells	0.223839854597912	0.100926019382484
ENSG00000181090	ENST-M000298728	Bcells	0.0583640914236465	0.026315489852534
ENSG00000181222	ENST00000322644	Bcells	0.57730212721588	0.127904563084292
ENSG00000181222	ENST-M000389020	Bcells	0.42269787278412	0.0936511129724196
ENSG00000181789	ENST00000314797	Bcells	0.685472363937466	0.212295733500772
ENSG00000181789	ENST-M000389746	Bcells	0.314527636062534	0.0974114766941224
ENSG00000182087	ENST00000356663	Bcells	0.549768320401455	0.392758322481527
ENSG00000182087	ENST00000234393	Bcells	0.288789535190505	0.206313258117196
ENSG00000182087	ENST00000333175	Bcells	0.161442144408041	0.115335393951439
ENSG00000182866	ENST-M000336890	Bcells	0.595094944986994	0.316675981399124
ENSG00000182866	ENST00000373557	Bcells	0.246263917983286	0.131047774086293
ENSG00000182866	ENST-M000333070	Bcells	0.0952664643061596	0.0506954416815573
ENSG00000182866	ENST00000373564	Bcells	0.0633746727235608	0.0337244280927652
ENSG00000182872	ENST-M000329236	Bcells	0.9586696384931	0.219209638015682
ENSG00000182934	ENST-M000389819	Bcells	0.644055888878107	0.161868310255518
ENSG00000182934	ENST00000332118	Bcells	0.355944111121893	0.0894581864829552
ENSG00000182944	ENST00000331029	Bcells	0.463284310865186	0.447373210239896
ENSG00000182944	ENST00000332050	Bcells	0.205123854523112	0.198079052414727
ENSG00000182944	ENST00000333395	Bcells	0.171366033361186	0.165480614544662
ENSG00000182944	ENST00000332035	Bcells	0.160225801250516	0.15472298411064
ENSG00000183337	ENST00000342274	Bcells	0.486506789820768	0.075886992935406
ENSG00000183337	ENST00000361907	Bcells	0.168758660717349	0.0263235530553728
ENSG00000183337	ENST00000378444	Bcells	0.132477847790229	0.0206643477741773
ENSG00000183337	ENST00000378463	Bcells	0.125182578684320	0.0195264067491282
ENSG00000183337	ENST00000378455	Bcells	0.0664102213240243	0.0103588934458893
ENSG00000183495	ENST-M000332482	Bcells	0.58432708781687	0.0498032797026184
ENSG00000183495	ENST00000330386	Bcells	0.179491086496728	0.0152983576686847
ENSG00000183495	ENST00000389562	Bcells	0.166523296779717	0.0141930889384364
ENSG00000183495	ENST-M000389560	Bcells	0.0696585289066852	0.00593712540654942
ENSG00000183624	ENST-M000343655	Bcells	0.946958249012003	0.680370308792295
ENSG00000183624	ENST-M000389733	Bcells	0.0530417509879972	0.0381094230249747
ENSG00000184216	ENST00000369980	Bcells	0.429194508729947	0.186571544939649
ENSG00000184216	ENST00000369973	Bcells	0.357392091936941	0.155358918591950
ENSG00000184216	ENST00000369974	Bcells	0.213413399333112	0.0927711487787326
ENSG00000184226	ENST00000377865	Bcells	0.959210235505022	0.0933172787477423
ENSG00000184575	ENST00000332707	Bcells	0.932312958151842	0.447429824107994
ENSG00000184575	ENST-M000389161	Bcells	0.0676870418481581	0.0324839432550066
ENSG00000184863	ENST00000307403	Bcells	0.501855635874684	0.0871710556717677
ENSG00000184863	ENST00000287912	Bcells	0.498144364125316	0.0865264171479552
ENSG00000186480	ENST-M000340368	Bcells	0.926584096635369	0.805746467014106
ENSG00000186480	ENST00000342407	Bcells	0.0734159033646315	0.0638415929795302
ENSG00000186635	ENST00000359373	Bcells	0.859015169145586	0.0799991028288924
ENSG00000186635	ENST00000334211	Bcells	0.0711095767051455	0.00662235376426726
ENSG00000186716	ENST-M000292697	Bcells	0.913353079884243	0.278913589481332
ENSG00000186792	ENST00000336089	Bcells	0.936463446849339	0.269163763066202
ENSG00000187239	ENST00000372416	Bcells	0.621110320599598	0.173481859033116
ENSG00000187239	ENST00000355681	Bcells	0.192167001650132	0.0536740214828535
ENSG00000187239	ENST00000372415	Bcells	0.123307679168857	0.0344409756299358
ENSG00000187239	ENST00000335141	Bcells	0.0634149985814133	0.0177123958170035
ENSG00000187514	ENST00000358839	Bcells	0.984829920749265	259.343.602.477.548
ENSG00000187555	ENST00000381886	Bcells	0.556346583757249	0.189823455317709
ENSG00000187555	ENST-M000389035	Bcells	0.443653416242751	0.151372951489985
ENSG00000187741	ENST00000305699	Bcells	0.498995166167306	0.173009776173625
ENSG00000187741	ENST00000389300	Bcells	0.485419701723764	0.168302940869247
ENSG00000188428	ENST00000379757	Bcells	0.892322304078776	135.124.488.899.694
ENSG00000188428	ENST00000379741	Bcells	0.105106770327193	0.159163326473409
ENSG00000189091	ENST00000302516	Bcells	0.941852039868241	0.370088856705130
ENSG00000189091	ENST00000310750	Bcells	0.0581479601317591	0.0228485061070831
ENSG00000196189	ENST00000368285	Bcells	0.394904485261443	0.285912574747252
ENSG00000196189	ENST00000368282	Bcells	0.249064782617929	0.180323992091435
ENSG00000196189	ENST00000368284	Bcells	0.229297196985683	0.166012173624976
ENSG00000196189	ENST00000368283	Bcells	0.126733535134945	0.0917556338041196
ENSG00000196305	ENST00000375660	Bcells	0.799531694179449	0.449125931165316

ENSG00000196305	ENST00000375632	Bcells	0.109410578175726	0.0614598872818165
ENSG00000196305	ENST-M000360809	Bcells	0.0705683754265027	0.0396408141853325
ENSG00000196367	ENST-M000355540	Bcells	0.877483926708033	0.146167231431450
ENSG00000196367	ENST00000360902	Bcells	0.122516073291967	0.0204081632653061
ENSG00000196504	ENST-M000356402	Bcells	0.558029348428744	0.131062080774854
ENSG00000196504	ENST00000354363	Bcells	0.441970651571256	0.103803847233930
ENSG00000196549	ENST00000360490	Bcells	0.749750081082183	0.374575526217025
ENSG00000196549	ENST00000382989	Bcells	0.250249918917817	0.125024988232224
ENSG00000196576	ENST00000359337	Bcells	0.920463302999601	0.136236167583165
ENSG00000196576	ENST00000355613	Bcells	0.0795366970003989	0.0117720877586822
ENSG00000196642	ENST00000311502	Bcells	0.467536624813377	0.279557442575519
ENSG00000196642	ENST-M000290079	Bcells	0.163911774049593	0.098008912947967
ENSG00000196642	ENST00000371671	Bcells	0.0624546428581841	0.037343941218232
ENSG00000196642	ENST00000360483	Bcells	0.0556742926948285	0.0332897190443204
ENSG00000196924	ENST-M000356744	Bcells	0.639186647497417	0.115878685640580
ENSG00000196924	ENST00000344736	Bcells	0.200719408238817	0.0363885905632332
ENSG00000196924	ENST00000369852	Bcells	0.160093944263765	0.0290235659848892
ENSG00000197111	ENST-M000359282	Bcells	0.890752442565494	184.380.607.498.983
ENSG00000197111	ENST00000379777	Bcells	0.109247557434506	0.226136129916627
ENSG00000197386	ENST-M000389752	Bcells	0.585200038949522	0.0905060214167765
ENSG00000197386	ENST00000355072	Bcells	0.414799961050478	0.064152241387241
ENSG00000197451	ENST-M000358344	Bcells	0.78847571390568	106.324.667.675.713
ENSG00000197451	ENST00000355836	Bcells	0.211524286094319	0.285237059654208
ENSG00000198034	ENST00000316084	Bcells	0.99326875365859	687.999.269.418.112
ENSG00000198176	ENST00000375370	Bcells	0.976103303642597	0.962626379874305
ENSG00000198198	ENST00000310739	Bcells	0.258766140380070	0.0303814238882579
ENSG00000198198	ENST00000372450	Bcells	0.22915535452588	0.0269048568405784
ENSG00000198198	ENST00000343292	Bcells	0.141507090542041	0.0166141787122430
ENSG00000198198	ENST00000372438	Bcells	0.130150837125077	0.0152808545441872
ENSG00000198198	ENST00000358311	Bcells	0.098145930230699	0.0115231966008638
ENSG00000198198	ENST00000372442	Bcells	0.0914961036498426	0.0107424483938547
ENSG00000198231	ENST00000359353	Bcells	0.77974773269164	0.163679549285411
ENSG00000198231	ENST-M000389923	Bcells	0.22025226730836	0.0462339168562595
ENSG00000198563	ENST00000376174	Bcells	0.724804907204816	0.722608213760614
ENSG00000198563	ENST00000376185	Bcells	0.21575460977349	0.215100714177399
ENSG00000198646	ENST00000359003	Bcells	0.780977592176945	0.058311280744932
ENSG00000198646	ENST00000374796	Bcells	0.219022407823055	0.0163531927675430
ENSG00000198755	ENST00000361957	Bcells	0.925489527734209	407.814.929.138.009
ENSG00000198755	ENST00000322203	Bcells	0.0745104722657911	0.328328760688472
ENSG00000198771	ENST-M000361496	Bcells	0.883123113695343	0.405276483395821
ENSG00000198771	ENST00000367854	Bcells	0.116876886304657	0.0536362968392935
ENSG00000198793	ENST-M000361445	Bcells	0.934849935707954	0.109767582890230
ENSG00000198793	ENST00000376838	Bcells	0.065150064292046	0.00764974656286977
ENSG00000198901	ENST00000361919	Bcells	0.776735083000689	0.184601826147216
ENSG00000198901	ENST00000361188	Bcells	0.223264916999311	0.0530619928141482
ENSG00000198952	ENST00000361813	Bcells	0.929544556683794	0.225991213686398
ENSG00000198952	ENST00000368267	Bcells	0.0704554433162064	0.0171291532303158
ENSG00000204209	ENST00000374542	Bcells	0.571917797863214	0.166587174889489
ENSG00000204209	ENST00000266000	Bcells	0.428082202136786	0.124691004443080
ENSG00000204257	ENST00000374843	Bcells	0.734830789633557	0.402678151023355
ENSG00000204257	ENST00000341486	Bcells	0.208482373131366	0.114245752515847
ENSG00000204257	ENST00000374841	Bcells	0.056686837235077	0.0310636831325015
ENSG00000204287	ENST00000374988	Bcells	0.969127980243437	258.384.571.622.481
ENSG00000204371	ENST-M000375530	Bcells	0.942216436138612	0.198533686139938
ENSG00000204371	ENST00000375528	Bcells	0.0577835638613886	0.0121755294130916
ENSG00000204418	ENST00000375780	Bcells	0.64101266524701	0.764254034477247
ENSG00000204418	ENST00000375784	Bcells	0.298776787605813	0.356219740600451
ENSG00000204463	ENST00000375956	Bcells	0.4559427860879	0.219503625050462
ENSG00000204463	ENST-M000211379	Bcells	0.440374842762338	0.212008781182306
ENSG00000204463	ENST00000375959	Bcells	0.0698363366966532	0.0336211681221878
ENSG00000204469	ENST-M000376010	Bcells	0.696001875715235	0.495807050730908
ENSG00000204469	ENST00000376007	Bcells	0.303998124284765	0.216557481651135
ENSG00000204525	ENST00000376237	Bcells	0.910302015201718	0.493252301606254
ENSG00000204525	ENST00000376235	Bcells	0.0896979847982817	0.048603360986069

ENSG00000204574	ENST00000326195	Bcells	0.643031057147829	0.200281350820801
ENSG00000204574	ENST-M000376545	Bcells	0.356968942852171	0.111183155589124
ENSG00000204628	ENST00000376817	Bcells	0.843137783162848	632.838.154.916.459
ENSG00000204628	ENST-M000389598	Bcells	0.156862216837152	117.736.860.880.489
ENSG00000204632	ENST00000376803	Bcells	0.289398259655421	0.306402412868406
ENSG00000204632	ENST-M000376805	Bcells	0.215463751219030	0.228123739713554
ENSG00000204632	ENST00000360432	Bcells	0.202536919738317	0.214437367303609
ENSG00000204632	ENST00000376802	Bcells	0.135404013097594	0.143359937183336
ENSG00000204632	ENST00000376806	Bcells	0.116948909341842	0.123820468192637
ENSG00000204820	ENST00000377563	Bcells	0.94131998158021	0.0454767709968045
ENSG00000204820	ENST00000377560	Bcells	0.0586800184197893	0.00283493159816414
ENSG00000204843	ENST00000361874	Bcells	0.988433154730426	0.252587407904915
ENSG00000205250	ENST-M000388769	Bcells	0.79924482837748	0.370291311632221
ENSG00000205250	ENST00000379378	Bcells	0.200755171622520	0.0930101680707344
ENSG00000205339	ENST-M000389604	Bcells	0.672190396141458	0.210083032535993
ENSG00000205339	ENST00000379719	Bcells	0.327809603858542	0.102451977993646