

Ensembl Gene ID	CV in YRI	CV in CEU	CV in CHB	CV in JPT
ENSG00000127720	0.039466239	0.039092832	0.03300057	0.035316145
ENSG00000109819	0.028701726	0.025725772	0.025247146	0.025925952
ENSG00000161057	0.021643122	0.027666774	0.026906086	0.026938763
ENSG00000237787	0.014669792	0.024676023	0.024522119	0.015752464
ENSG00000051596	0.048830556	0.037215416	0.037659393	0.035402659
ENSG00000172244	0.039442334	0.042517218	0.031144247	0.030413094
ENSG00000182511	0.048378495	0.050503897	0.056066256	0.048065326
ENSG00000100796	0.015641039	0.025521288	0.025380635	0.015151878
ENSG00000135541	0.035027212	0.040353311	0.033084856	0.0331495
ENSG00000143376	0.034273641	0.041679729	0.035684194	0.026831788
ENSG00000165240	0.035009162	0.038441215	0.031838486	0.035109638
ENSG00000120853	0.016414995	0.025336277	0.025030259	0.015952448
ENSG00000180739	0.016031752	0.025104646	0.024430713	0.015267624
ENSG00000172172	0.027703771	0.030692062	0.028981341	0.023712781
ENSG00000172020	0.091461122	0.066614445	0.033272598	0.040482513
ENSG00000100218	0.024146741	0.027552035	0.025843513	0.024115346
ENSG00000029639	0.038675005	0.036747937	0.035843206	0.03277403
ENSG00000132604	0.026124052	0.034190371	0.029156799	0.024053984
ENSG00000111218	0.014966223	0.025430698	0.025451699	0.015647152
ENSG00000142185	0.017311823	0.026644012	0.025570314	0.017983217
ENSG00000162676	0.064259592	0.045997887	0.052618582	0.044429683
ENSG00000131724	0.104308819	0.106366054	0.048931752	0.074294809
ENSG00000213417	0.017683838	0.025330408	0.025657138	0.017221358
ENSG00000101194	0.032625569	0.031790866	0.031690121	0.027916704
ENSG00000149483	0.046475079	0.037837665	0.041341746	0.039176966
ENSG00000112812	0.054007245	0.045388894	0.040567174	0.043535054
ENSG00000005884	0.018022031	0.026483557	0.025475909	0.017427774
ENSG00000128595	0.030608438	0.033473019	0.036372331	0.032182175
ENSG00000136531	0.021429785	0.026808071	0.025286133	0.017375345
ENSG00000100211	0.037961311	0.044050213	0.051844912	0.040735287
ENSG00000183617	0.032537436	0.034951333	0.034886777	0.030440223
ENSG00000175220	0.030247616	0.035058367	0.031435432	0.033291036
ENSG00000156282	0.014620332	0.025504744	0.024064327	0.01452672
ENSG00000186479	0.013772709	0.023819527	0.023912648	0.013868162
ENSG00000112981	0.031432028	0.033335973	0.027874745	0.025647969
ENSG00000168283	0.033920682	0.044744559	0.039004927	0.030984621
ENSG00000204165	0.05896926	0.037101286	0.036231119	0.043511691
ENSG00000034510	0.01901018	0.024943298	0.025732529	0.017050132
ENSG00000187608	0.04343567	0.043842146	0.039509875	0.038629871
ENSG00000100652	0.01511544	0.025043679	0.024021672	0.016342473
ENSG00000167536	0.061097257	0.051940171	0.044355776	0.050632535
ENSG00000145103	0.050634062	0.044809553	0.043693434	0.039561961
ENSG00000131652	0.036588086	0.033637507	0.035044653	0.029107271
ENSG00000102805	0.029729285	0.034801485	0.034093603	0.029573071
ENSG00000107185	0.016646062	0.02592485	0.025509873	0.015589633
ENSG00000119314	0.032868947	0.037297572	0.036865814	0.026059832
ENSG00000159259	0.041257229	0.037205427	0.036559292	0.029695166
ENSG00000196652	0.016910538	0.025501239	0.025549531	0.017210014
ENSG00000100568	0.025347053	0.03130486	0.033060354	0.027211497
ENSG00000008283	0.034006451	0.036562016	0.03621847	0.028129983
ENSG00000108468	0.032308152	0.036794706	0.033629081	0.032823238

ENSG00000176566	0.016668496	0.025745947	0.02467226	0.014842794
ENSG00000158109	0.030930442	0.036428438	0.034151272	0.029253692
ENSG00000088970	0.042246013	0.041316017	0.036980894	0.031912229
ENSG00000169313	0.018149737	0.025639219	0.024894773	0.015504274
ENSG00000136044	0.028832057	0.033644085	0.031757476	0.028988703
ENSG00000163898	0.029065443	0.031332111	0.033422426	0.025840946
ENSG00000102057	0.027147842	0.030495158	0.027401179	0.023684604
ENSG00000189132	0.018341332	0.025729657	0.025952775	0.017447232
ENSG00000130349	0.033262335	0.035516179	0.030112125	0.024468795
ENSG00000113163	0.0357667	0.033425287	0.032241842	0.02880923
ENSG00000141968	0.02878118	0.031948768	0.031055562	0.026327145
ENSG00000182333	0.016123559	0.025569481	0.025141848	0.016188039
ENSG00000179776	0.017459664	0.026544396	0.026638798	0.015376307
ENSG00000155760	0.071120798	0.061028161	0.026515603	0.024041587
ENSG00000125266	0.083567094	0.066883578	0.048414756	0.058673842
ENSG00000132669	0.085055173	0.049050703	0.029919867	0.034114967
ENSG00000184220	0.037113856	0.038749377	0.035112581	0.028136141
ENSG00000107404	0.018630604	0.026065005	0.025555988	0.01740607
ENSG00000105829	0.032985579	0.037333696	0.03261776	0.030500927
ENSG00000244537	0.016029823	0.025674106	0.025606896	0.015713672
ENSG00000169026	0.056148558	0.053665551	0.044660003	0.059638467
ENSG00000131238	0.025542992	0.030279235	0.028400417	0.025747219
ENSG00000139211	0.016011932	0.025201156	0.025531213	0.017046866
ENSG00000196220	0.036099556	0.039217143	0.032716134	0.037659778
ENSG00000178804	0.01544479	0.024739042	0.024507982	0.015231929
ENSG00000088451	0.02989545	0.032820865	0.033641106	0.024200728
ENSG00000156049	0.016050356	0.024104211	0.025002067	0.015048459
ENSG00000099330	0.031886287	0.029001257	0.031273818	0.028732763
ENSG00000221855	0.014962168	0.025574573	0.025537335	0.015191534
ENSG00000155792	0.033913126	0.037385754	0.029411869	0.026895111
ENSG00000178567	0.03573633	0.03643392	0.034884052	0.03169986
ENSG00000131153	0.080064809	0.061061021	0.059754003	0.067556257
ENSG00000101146	0.02691619	0.030647577	0.033022517	0.025503233
ENSG00000221834	0.016768097	0.025346406	0.027340916	0.018321687
ENSG00000164330	0.054809427	0.050412743	0.042561971	0.045886592
ENSG00000105053	0.023345991	0.03396513	0.031977922	0.024859192
ENSG00000160285	0.033462551	0.042226889	0.035869632	0.035182939
ENSG00000121671	0.022675745	0.029498781	0.034759711	0.023531942
ENSG00000154822	0.054526643	0.039006983	0.040171354	0.043970464
ENSG00000131686	0.01810588	0.026298508	0.026659761	0.020360307
ENSG00000183840	0.015368686	0.025531936	0.025641238	0.015831733
ENSG00000100577	0.024929267	0.02854222	0.033181651	0.021862982
ENSG00000136026	0.071573233	0.039068956	0.04557701	0.061284812
ENSG00000133665	0.016867032	0.025369529	0.0247198	0.016301346
ENSG00000243649	0.019955079	0.028772929	0.025210252	0.018787371
ENSG00000078114	0.026516014	0.025446466	0.025762264	0.017667495
ENSG00000169291	0.020586036	0.02715692	0.024590365	0.023238425
ENSG00000177045	0.034265538	0.035265848	0.036308243	0.036762269
ENSG00000181852	0.028026286	0.033966029	0.036044231	0.025385071
ENSG00000167553	0.032517495	0.032474271	0.031914615	0.029560567
ENSG00000165905	0.044404894	0.037384834	0.034354184	0.044289638
ENSG00000132139	0.015691942	0.025454561	0.024999631	0.016226916
ENSG00000181938	0.044839133	0.037662195	0.043308328	0.042467267
ENSG00000082258	0.02642285	0.026918835	0.026488599	0.023920198

ENSG00000116062	0.034554997	0.035692469	0.031015546	0.027277446
ENSG00000076344	0.016215263	0.025153198	0.024955538	0.016717196
ENSG00000142279	0.016618426	0.026254247	0.026952359	0.01603654
ENSG00000008710	0.023819369	0.029200998	0.032268739	0.028125042
ENSG00000170632	0.031010528	0.035487502	0.030074029	0.029673041
ENSG00000186577	0.028744227	0.034148514	0.032289829	0.026204212
ENSG00000197943	0.032653992	0.034211295	0.034928342	0.035694989
ENSG00000082556	0.015993472	0.025521259	0.025331758	0.016266499
ENSG00000154222	0.023857471	0.035117272	0.033383428	0.033464731
ENSG00000213341	0.033028731	0.038878371	0.033268424	0.037630832
ENSG00000184156	0.015954788	0.02546455	0.025301064	0.014241604
ENSG00000047315	0.024647696	0.031474829	0.030867631	0.022922483
ENSG00000171824	0.028562023	0.03496767	0.029923296	0.024431936
ENSG00000051341	0.029914345	0.031714333	0.042778899	0.025767556
ENSG00000126785	0.016761828	0.025780779	0.025706028	0.015376975
ENSG00000143217	0.021817333	0.02442412	0.025374115	0.015251383
ENSG00000106714	0.016873884	0.024852613	0.024979265	0.014478518
ENSG00000115159	0.047448598	0.048694868	0.041135762	0.039009699
ENSG00000162636	0.017198525	0.025164431	0.024860262	0.016295337
ENSG00000044115	0.03368339	0.038450634	0.031081326	0.029287229
ENSG00000088766	0.032045175	0.033170019	0.030497518	0.022261413
ENSG00000130700	0.015349218	0.025020655	0.025978776	0.015644959
ENSG00000100196	0.052919127	0.047799481	0.055791487	0.061256392
ENSG00000143921	0.014884522	0.025221017	0.024776767	0.014183699
ENSG00000114480	0.049980778	0.052469171	0.037829955	0.049137323
ENSG00000110987	0.057501699	0.052700864	0.046546642	0.045021395
ENSG00000198211	0.08174089	0.073286493	0.043981658	0.065560169
ENSG00000143457	0.031067215	0.038684382	0.036449627	0.031195378
ENSG00000130270	0.016630806	0.025211157	0.024929034	0.017226858
ENSG00000132612	0.02136346	0.030118477	0.035945737	0.02205853
ENSG00000185269	0.019483616	0.02912673	0.026334865	0.024145317
ENSG00000163481	0.02266052	0.033246055	0.037309061	0.025980402
ENSG00000132185	0.041381051	0.039405637	0.0423939	0.059287748
ENSG00000214226	0.020074749	0.028452971	0.025952935	0.019119632
ENSG00000170214	0.014704145	0.024849454	0.025332937	0.014589973
ENSG00000145868	0.018428518	0.027202556	0.024975785	0.017100536
ENSG00000070669	0.016952394	0.024499044	0.024968277	0.016139362
ENSG00000125633	0.018674795	0.026479339	0.02542063	0.018020928
ENSG00000178585	0.036212374	0.033739731	0.035595101	0.034542477
ENSG00000182359	0.038477043	0.039121651	0.034931431	0.036247224
ENSG00000162931	0.016185903	0.025856043	0.027262946	0.016978057
ENSG00000164483	0.015193414	0.026026571	0.025169845	0.01693734
ENSG00000077312	0.027942698	0.027444916	0.027865074	0.022960283
ENSG00000196169	0.017241526	0.025457375	0.02525219	0.015512844
ENSG00000145022	0.032343401	0.030498408	0.033436685	0.02896974
ENSG00000132275	0.028784429	0.032856116	0.035992537	0.022844229
ENSG00000179841	0.017919346	0.025297117	0.024965822	0.016369922
ENSG00000204160	0.028148763	0.031564758	0.033520875	0.028865319
ENSG00000115310	0.01420456	0.024709264	0.025472602	0.015614865
ENSG00000119669	0.056218331	0.047286528	0.044686393	0.045794144
ENSG00000170876	0.027033139	0.030910587	0.029401647	0.020477881
ENSG00000186063	0.040507908	0.052836806	0.038998216	0.043568315
ENSG00000171840	0.07266543	0.047332787	0.050597308	0.045582279
ENSG00000180376	0.036059411	0.040801561	0.036021872	0.029887823

ENSG0000010319	0.015441711	0.024650107	0.024838365	0.015125556
ENSG00000074356	0.032593983	0.035092807	0.031711147	0.025135104
ENSG00000241484	0.015235797	0.025449612	0.024718105	0.016300132
ENSG00000145861	0.015979814	0.023707718	0.025385514	0.015121654
ENSG00000007384	0.048067884	0.039941899	0.039016703	0.027948322
ENSG00000242515	0.016627193	0.025948346	0.025925015	0.015531129
ENSG00000102595	0.050244426	0.050241838	0.038830808	0.039953615
ENSG00000101336	0.130785096	0.094340074	0.105813249	0.117850408
ENSG00000129559	0.020038811	0.02675768	0.026315654	0.016796111
ENSG00000144026	0.029975645	0.034580549	0.034039278	0.025632255
ENSG00000186051	0.016599235	0.025058243	0.025058109	0.015661358
ENSG00000175518	0.01968924	0.027264622	0.027714473	0.022205487
ENSG00000137501	0.017293062	0.025197534	0.026158356	0.01548732
ENSG00000041353	0.015991438	0.025354634	0.023938074	0.016173254
ENSG00000006715	0.027109083	0.034762017	0.032489761	0.024621456
ENSG00000143799	0.025525643	0.030756488	0.026984225	0.021468603
ENSG00000137699	0.025541551	0.027783521	0.025738424	0.019051885
ENSG00000081985	0.082068655	0.071258377	0.054034831	0.08072356
ENSG00000137842	0.033849986	0.040883423	0.045910008	0.030499558
ENSG00000188811	0.03170523	0.03573239	0.030865872	0.030517978
ENSG00000115484	0.026309442	0.029848602	0.028697872	0.018592744
ENSG00000148229	0.036428724	0.03707289	0.03955742	0.036200304
ENSG00000129152	0.016931105	0.025318973	0.0247775	0.016627729
ENSG00000110719	0.018246143	0.025046547	0.024432509	0.017102807
ENSG00000176219	0.016274449	0.026051839	0.02722631	0.016613875
ENSG00000185264	0.016306231	0.025542443	0.025805479	0.014567465
ENSG00000143545	0.07519607	0.04531145	0.052052447	0.051448892
ENSG00000092470	0.034415844	0.035315077	0.03075373	0.024705202
ENSG00000100814	0.025944928	0.029320946	0.030884036	0.022729845
ENSG00000149328	0.075954749	0.077579082	0.070660166	0.069809349
ENSG00000204291	0.01850684	0.026223398	0.026817209	0.018396043
ENSG00000163823	0.141445455	0.097784768	0.099055544	0.110791681
ENSG00000170989	0.03658356	0.040627353	0.035903957	0.041667085
ENSG00000154710	0.024305638	0.03645001	0.04199657	0.024724327
ENSG00000108381	0.086532942	0.065546469	0.030753464	0.039800029
ENSG00000132470	0.019055405	0.025895519	0.026166534	0.016763169
ENSG00000182118	0.044951434	0.077540884	0.053300472	0.039788282
ENSG00000162739	0.041016146	0.036290416	0.038051553	0.041886125
ENSG00000139168	0.03263072	0.036107355	0.034671235	0.030406514
ENSG00000065054	0.016627418	0.025318763	0.025224732	0.015566739
ENSG00000164733	0.048902518	0.046412377	0.043025831	0.043304887
ENSG00000212864	0.034811027	0.039724253	0.033475013	0.035073144
ENSG00000124164	0.021149571	0.029638853	0.034047973	0.021241765
ENSG00000198939	0.016139839	0.0244077	0.024464946	0.014364376
ENSG00000136834	0.01583817	0.024974952	0.025974923	0.01567464
ENSG00000169951	0.023645292	0.033975827	0.034324084	0.024510681
ENSG00000187003	0.016199188	0.0259187	0.02614598	0.016646208
ENSG00000198887	0.034148258	0.040989754	0.035649543	0.028558675
ENSG00000175164	0.019625255	0.026913494	0.026664049	0.018412971
ENSG00000164600	0.017772423	0.024784576	0.026261081	0.016007054
ENSG00000124406	0.05873852	0.055088235	0.041768693	0.042084135
ENSG00000165959	0.080721641	0.079338348	0.066104385	0.066893477
ENSG00000166974	0.037030606	0.041845817	0.036951799	0.033572841
ENSG00000140650	0.040487839	0.044751603	0.061821768	0.047214383

ENSG00000184787	0.019080426	0.02508923	0.025603871	0.016051393
ENSG00000130856	0.026413711	0.037589996	0.028320589	0.023420847
ENSG00000132475	0.040846217	0.048258735	0.046179658	0.032780336
ENSG00000167104	0.015768055	0.026328558	0.025422352	0.0159977
ENSG00000162704	0.021846285	0.02914972	0.026777712	0.021649601
ENSG00000180694	0.022919363	0.032104948	0.02860306	0.018523035
ENSG00000096006	0.018623649	0.025537135	0.026020134	0.015526667
ENSG00000115474	0.015408847	0.026391018	0.024912533	0.015274742
ENSG00000173826	0.015994738	0.025112791	0.025214159	0.01548079
ENSG00000171396	0.015304847	0.025048978	0.02455014	0.015832416
ENSG00000204764	0.016241094	0.026385765	0.024855442	0.01462829
ENSG00000107566	0.033697279	0.037743177	0.034223043	0.027951613
ENSG00000134588	0.016152878	0.025296264	0.025543195	0.015103264
ENSG00000136982	0.047966737	0.044878297	0.035315833	0.04036234
ENSG00000145919	0.026339157	0.028993716	0.028519985	0.024927296
ENSG00000184792	0.019115581	0.025744435	0.02638085	0.017193102
ENSG00000167994	0.015889486	0.024881601	0.024190538	0.014265839
ENSG00000151746	0.029379065	0.038423539	0.032800998	0.031700328
ENSG00000163125	0.028110475	0.031897946	0.044472394	0.025436058
ENSG00000065613	0.039669393	0.041138888	0.037127646	0.036547755
ENSG00000064042	0.015379562	0.024552563	0.024066528	0.014892815
ENSG00000104320	0.033658353	0.042105344	0.038142282	0.040145474
ENSG00000147138	0.033439995	0.038437869	0.034793279	0.030672166
ENSG00000198113	0.03247826	0.04150894	0.051203813	0.033466257
ENSG00000128683	0.058839203	0.038705053	0.042270474	0.053957051
ENSG00000116030	0.025824147	0.029163594	0.02700542	0.028384906
ENSG00000128573	0.015639946	0.024848796	0.024747725	0.016451845
ENSG00000187187	0.033969765	0.044557469	0.035086437	0.031727418
ENSG00000141084	0.02814523	0.031660523	0.030774429	0.024313622
ENSG00000143199	0.01541927	0.024506103	0.02480115	0.016166829
ENSG00000178665	0.017983415	0.027322483	0.026695753	0.022203108
ENSG00000168646	0.01744237	0.026863661	0.0257311	0.016228417
ENSG00000106278	0.015974159	0.024864612	0.024687461	0.016221243
ENSG00000141371	0.016018929	0.02602744	0.026165862	0.015084484
ENSG00000014914	0.016474597	0.025713502	0.025429192	0.014932134
ENSG00000197756	0.015312443	0.030032155	0.031164126	0.020009906
ENSG00000185527	0.073388351	0.067564441	0.049613227	0.064915668
ENSG00000144045	0.017056462	0.026732396	0.026187204	0.019159836
ENSG00000197406	0.016339221	0.026152451	0.025444375	0.015747272
ENSG00000113391	0.035257269	0.042148411	0.034933196	0.030232287
ENSG00000104442	0.024624324	0.031638664	0.028257178	0.022711314
ENSG00000101680	0.020421343	0.029089863	0.025214441	0.017592227
ENSG00000146223	0.037528703	0.036171007	0.033206243	0.027827724
ENSG00000184280	0.049278985	0.042197477	0.032540785	0.036318786
ENSG00000073754	0.018616901	0.026616772	0.025747333	0.017842122
ENSG00000076321	0.023974061	0.030259597	0.032936858	0.021322301
ENSG00000066135	0.021521101	0.028933007	0.029105013	0.019297375
ENSG00000128713	0.015983455	0.024674548	0.025447917	0.015770622
ENSG00000152078	0.022540983	0.02948973	0.026636665	0.019899579
ENSG00000170175	0.029164966	0.028860104	0.030487869	0.028559631
ENSG00000151718	0.020950895	0.02726602	0.026207501	0.018050909
ENSG00000163331	0.017808339	0.025850188	0.024748481	0.015569632
ENSG00000108771	0.051745999	0.04048799	0.041457952	0.037145976
ENSG00000139908	0.016688251	0.024848141	0.024877138	0.017056942

ENSG00000186153	0.017646284	0.026762926	0.027342911	0.018466501
ENSG00000069849	0.026512556	0.030523749	0.029596929	0.021990934
ENSG00000110841	0.020329586	0.030364244	0.025341471	0.018751575
ENSG00000135476	0.039775165	0.030772574	0.032677041	0.027908578
ENSG00000141569	0.020260407	0.025186668	0.026502329	0.015689365
ENSG00000198380	0.04331659	0.046475327	0.041616366	0.034543592
ENSG00000011143	0.030362306	0.032879206	0.030359078	0.023091061
ENSG00000152904	0.023422837	0.032934439	0.03075232	0.024828023
ENSG00000115762	0.029564227	0.031620191	0.035627918	0.024394403
ENSG00000249709	0.022505145	0.028923368	0.027850953	0.020574439
ENSG00000164035	0.01525089	0.025671117	0.025451047	0.014218886
ENSG00000196600	0.016184193	0.02569002	0.025705244	0.016749992
ENSG00000122966	0.045484068	0.037161366	0.034902866	0.028973607
ENSG00000244165	0.050444121	0.044666227	0.052112163	0.045448912
ENSG00000173890	0.069822324	0.065017429	0.06117055	0.055713835
ENSG00000129595	0.05182437	0.057329034	0.05117826	0.056035279
ENSG00000151876	0.015672314	0.024121864	0.024722747	0.014223023
ENSG00000168918	0.023374525	0.033367451	0.030993722	0.028302824
ENSG00000125355	0.048150001	0.049095219	0.047988316	0.042988134
ENSG00000112319	0.017430816	0.024394144	0.02718954	0.016221737
ENSG00000188986	0.023814065	0.030563404	0.033865445	0.0237725
ENSG00000197181	0.017227152	0.025515035	0.025335675	0.016482725
ENSG00000136098	0.015310814	0.024512697	0.025014743	0.016154857
ENSG00000134897	0.040254291	0.04354315	0.032760507	0.029594107
ENSG00000180305	0.015678496	0.024980838	0.025443713	0.015622729
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ENSG00000235863	0.035578266	0.031488895	0.034963724	0.034526774
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ENSG00000132703	0.017565018	0.025700815	0.024637113	0.015550864
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ENSG00000153237	0.015222643	0.024167933	0.025124747	0.015175703
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ENSG00000166664	0.015760153	0.024877355	0.0258497	0.015019497
ENSG00000115944	0.021871052	0.031052825	0.028686573	0.020744002
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ENSG00000138802	0.026697183	0.032937128	0.029556611	0.026681482
ENSG00000115266	0.020264622	0.02717766	0.027719788	0.018293435
ENSG00000164896	0.026170229	0.03076228	0.030163337	0.026689377
ENSG00000158022	0.022103666	0.025278276	0.024351354	0.021489507
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ENSG00000151846	0.024677864	0.025561427	0.026444198	0.016648276
ENSG00000176402	0.018949774	0.024651652	0.025157363	0.018102705
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ENSG00000181396	0.025505881	0.029991205	0.027620093	0.022799162
ENSG00000206075	0.017201031	0.024980288	0.025856772	0.016826058
ENSG00000100425	0.03080718	0.036392865	0.03418745	0.026063372
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ENSG00000198797	0.01585901	0.024927873	0.025030322	0.014738809

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ENSG00000187266	0.033201489	0.044669289	0.034120959	0.035149524
ENSG00000113580	0.039434226	0.039651749	0.03817672	0.035103191
ENSG00000104853	0.024873544	0.029320832	0.036855702	0.029288307
ENSG00000169122	0.066329002	0.051836216	0.045831992	0.060715614
ENSG00000111652	0.026502454	0.029126708	0.029156608	0.026258387
ENSG00000158864	0.025130727	0.029435791	0.029477917	0.020845907
ENSG00000168268	0.049333254	0.047534487	0.053143615	0.042587004
ENSG00000166710	0.014677383	0.024180389	0.0243546	0.014277573
ENSG00000051825	0.041396971	0.041213413	0.032792912	0.025475668
ENSG00000078142	0.033767682	0.040045589	0.031682517	0.024332203
ENSG00000144031	0.014821262	0.023960176	0.025438546	0.015427302
ENSG00000183783	0.015886918	0.026572069	0.024392767	0.014937157
ENSG00000146826	0.029479187	0.03384737	0.041637485	0.032154608
ENSG00000048740	0.040243399	0.049115368	0.033825262	0.033555187
ENSG00000137857	0.016368172	0.026502883	0.026211074	0.016246762
ENSG00000186297	0.016359803	0.024774363	0.025844587	0.017075079
ENSG00000164066	0.024521398	0.03350417	0.026036584	0.020141186
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ENSG00000014216	0.029703597	0.034175034	0.030664221	0.023360808
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ENSG00000152049	0.015131786	0.025315589	0.025068359	0.015273801
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ENSG00000131378	0.024378875	0.031073224	0.029298497	0.023977538
ENSG00000119714	0.014617581	0.024057889	0.025414623	0.015762308
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ENSG00000165655	0.140026644	0.090006266	0.081832483	0.091370274
ENSG00000163104	0.030821724	0.035368074	0.030726972	0.027878004
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ENSG00000121716	0.017740014	0.02688829	0.027442756	0.016457273
ENSG00000125875	0.02725272	0.031178366	0.031532464	0.021933422
ENSG00000148795	0.017460782	0.025046338	0.024924348	0.01691382
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ENSG00000101439	0.065219743	0.066528436	0.054297436	0.057174596
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ENSG00000124356	0.025775305	0.031321559	0.029042237	0.021321728
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ENSG00000112312	0.036612819	0.031543294	0.032145773	0.033543131
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ENSG00000157350	0.043107687	0.041500736	0.039412846	0.032296454
ENSG00000176986	0.021395623	0.027414926	0.031162958	0.024224056
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ENSG00000198498	0.039142799	0.03441128	0.032086982	0.039482781
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ENSG00000180611	0.084756328	0.071094534	0.094134553	0.11257369
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ENSG00000084110	0.016032318	0.025594732	0.025006223	0.016571131
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ENSG00000171735	0.019866544	0.027887642	0.026041117	0.020044961
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ENSG00000071242	0.042162459	0.03718736	0.03161013	0.035169278
ENSG00000078618	0.028989	0.031520396	0.028947028	0.025077607
ENSG00000172292	0.04251036	0.041401772	0.041320242	0.032705377
ENSG00000179817	0.016912525	0.025609287	0.025876626	0.014498882
ENSG00000138115	0.018808537	0.027273873	0.025417374	0.018851994
ENSG00000105376	0.060812534	0.052941316	0.049538909	0.054149596
ENSG00000170289	0.019186561	0.026158054	0.025195837	0.017860481
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ENSG00000122584	0.013592563	0.024470102	0.024945691	0.014420553
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ENSG00000107262	0.024413955	0.030838908	0.032221658	0.025350124
ENSG00000125531	0.018307403	0.026177943	0.026269003	0.019481742
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ENSG00000112996	0.023102324	0.028914863	0.028150198	0.019612528
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ENSG00000164296	0.01927453	0.025935231	0.030216508	0.017616248
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ENSG00000185272	0.025021718	0.026386201	0.025947423	0.018767864
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ENSG00000180011	0.038614885	0.039038902	0.034825624	0.029626959
ENSG00000164438	0.016597588	0.025915167	0.02493369	0.015214874
ENSG00000163882	0.029747871	0.029977553	0.02834275	0.02134849
ENSG00000081026	0.01612674	0.024901716	0.024125515	0.014234356
ENSG00000143315	0.043105964	0.040506408	0.034619099	0.029335536
ENSG00000176797	0.015489347	0.025728592	0.024657316	0.014422103
ENSG00000163497	0.015146302	0.024603592	0.025333801	0.014764417
ENSG00000129353	0.050700823	0.040826333	0.041612833	0.040206097
ENSG00000135776	0.032704376	0.038354091	0.03537036	0.028897244
ENSG00000104823	0.02338359	0.031113481	0.032055892	0.025202939

ENSG00000198860	0.039534771	0.036632537	0.035141475	0.041200936
ENSG00000101883	0.029078465	0.029778341	0.033849435	0.029635991
ENSG00000125744	0.041097631	0.03676429	0.035104965	0.034412043
ENSG00000165810	0.030620508	0.025101182	0.026951495	0.025381979
ENSG00000165792	0.027701956	0.030025926	0.027665275	0.023195406
ENSG00000187546	0.017341997	0.024122963	0.024908524	0.014487144
ENSG00000196917	0.025025399	0.026467223	0.02744255	0.016982532
ENSG00000076356	0.016373846	0.0258785	0.02577594	0.014707055
ENSG00000117154	0.018068438	0.026728558	0.024774046	0.017482038
ENSG00000117519	0.125323706	0.100048281	0.077683333	0.091067028
ENSG00000162482	0.016354773	0.025430146	0.024803446	0.018243929
ENSG00000139697	0.036198521	0.045804396	0.037941505	0.03692376
ENSG00000204120	0.024839233	0.034300314	0.029307992	0.022681448
ENSG00000140511	0.019657127	0.02772904	0.029497517	0.021880507
ENSG00000115524	0.024474153	0.032215733	0.028962947	0.020316749
ENSG00000160888	0.031936871	0.033753295	0.036585335	0.032386687
ENSG00000178057	0.037639652	0.031114175	0.032177486	0.039687599
ENSG00000143333	0.050865203	0.045783255	0.048367194	0.050649433
ENSG00000115129	0.055838492	0.047175232	0.04449771	0.043425543
ENSG00000007541	0.028200312	0.037912541	0.039468711	0.034991521
ENSG00000184857	0.023200492	0.028655278	0.031692505	0.019067301
ENSG00000010610	0.048094933	0.03369937	0.030623246	0.056501955
ENSG00000138207	0.015594484	0.026145621	0.024669871	0.018488449
ENSG00000072401	0.027228419	0.035363727	0.030804196	0.027221712
ENSG00000151881	0.031975967	0.033491765	0.034670711	0.03263385
ENSG00000161807	0.016247314	0.025096852	0.024330367	0.015080942
ENSG00000205356	0.027381904	0.033364501	0.035028605	0.032336044
ENSG00000167992	0.05111792	0.050452698	0.036579137	0.043082035
ENSG00000136522	0.028863684	0.033608538	0.031514386	0.037073181
ENSG00000108523	0.041986212	0.044657748	0.050435255	0.031475764
ENSG00000129317	0.039309764	0.038441677	0.032198647	0.030190042
ENSG00000110148	0.016196423	0.025388467	0.026117887	0.015777751
ENSG00000105679	0.018569421	0.026614685	0.026434728	0.017039572
ENSG00000150527	0.016159488	0.025665257	0.024754987	0.015947916
ENSG00000122696	0.018684138	0.026391368	0.026091065	0.020537338
ENSG00000132383	0.026233984	0.033312053	0.031301246	0.027460058
ENSG00000129003	0.029505149	0.036577078	0.0330865	0.026580091
ENSG00000153779	0.016031027	0.023764757	0.024797075	0.014650895
ENSG00000002586	0.047742453	0.053359298	0.048873791	0.041069227
ENSG00000197822	0.064354599	0.046103195	0.038960241	0.048617142
ENSG00000118271	0.016471894	0.025787503	0.027415919	0.015369736
ENSG00000186844	0.02710905	0.025286963	0.026551535	0.017949645
ENSG00000165219	0.024833714	0.031319968	0.033308336	0.025668746
ENSG00000166896	0.046588261	0.037370786	0.040304051	0.027734836
ENSG00000091844	0.090968872	0.049933727	0.03637203	0.066575096
ENSG00000153064	0.127120073	0.104740705	0.09276584	0.114480226
ENSG00000139546	0.029234484	0.03346521	0.034372864	0.025711887
ENSG00000119866	0.042049093	0.043355697	0.039366486	0.045030254
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ENSG00000170482	0.016232993	0.027021653	0.027505831	0.015617738
ENSG00000139572	0.035157948	0.0361733	0.040631868	0.043103037
ENSG00000111845	0.033122975	0.035399068	0.036704661	0.033500663
ENSG00000186446	0.015706391	0.024694124	0.024538584	0.015282387
ENSG00000101464	0.031160283	0.031961456	0.031896367	0.024549356

ENSG00000198657	0.016869552	0.025213765	0.024382013	0.014566589
ENSG00000164972	0.02513638	0.029478941	0.03303895	0.020110038
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ENSG00000171067	0.032452168	0.034263591	0.035108615	0.027765539
ENSG00000205277	0.024462198	0.037727278	0.038431383	0.030935595
ENSG00000182255	0.01621551	0.026101079	0.026259027	0.01617408
ENSG00000242441	0.015447073	0.025382507	0.024434863	0.014973322
ENSG00000132744	0.120101864	0.106959321	0.101768987	0.11579597
ENSG00000135951	0.022709551	0.028257945	0.028669758	0.019623195
ENSG00000178828	0.018964847	0.026662393	0.026226742	0.016456739
ENSG00000214819	0.015309803	0.025190935	0.024412733	0.015048198
ENSG00000066455	0.027345932	0.034282547	0.035914007	0.026643645
ENSG00000228278	0.017818325	0.025722899	0.027029253	0.016003866
ENSG00000197530	0.036913864	0.033348351	0.039754263	0.030929023
ENSG00000171055	0.037114835	0.043629154	0.037111926	0.032197282
ENSG00000248746	0.03689418	0.031575451	0.027488155	0.030296469
ENSG00000163221	0.016469691	0.024927133	0.025557091	0.015774771
ENSG00000198563	0.023064149	0.027910428	0.032978152	0.022447351
ENSG00000182583	0.066708948	0.03447031	0.037128072	0.045082376
ENSG00000118217	0.023474832	0.032026516	0.033183278	0.026304762
ENSG00000184056	0.02336888	0.031514922	0.03020697	0.020390873
ENSG00000138757	0.027260031	0.032451627	0.032202089	0.022241379
ENSG00000142867	0.016336867	0.025964959	0.025371156	0.016212827
ENSG00000187288	0.019952905	0.027664909	0.029508896	0.019393672
ENSG00000011304	0.021877943	0.027624811	0.026878393	0.019760616
ENSG00000154975	0.016455402	0.026193321	0.025398643	0.015742082
ENSG00000147679	0.030015995	0.037110181	0.037125674	0.031363331
ENSG00000156471	0.025618056	0.030952781	0.03287058	0.029312639
ENSG00000162458	0.015285249	0.023987744	0.025202911	0.014063605
ENSG00000135698	0.037283761	0.038676052	0.038443734	0.02857532
ENSG00000182545	0.018935145	0.027795445	0.028737414	0.019744382
ENSG00000198650	0.015560663	0.025333981	0.025277029	0.015671423
ENSG00000102054	0.02553676	0.029785374	0.027479896	0.022703899
ENSG00000173113	0.021647627	0.027119054	0.027526546	0.016881691
ENSG00000112096	0.03811613	0.036308033	0.035850663	0.025962008
ENSG00000134121	0.063212473	0.053685111	0.042366462	0.051142546
ENSG00000121542	0.027457669	0.031248425	0.030667561	0.022210005
ENSG00000171291	0.068613829	0.06282407	0.043295104	0.055056687
ENSG00000141642	0.030760136	0.038366849	0.040665413	0.035504021
ENSG00000164898	0.036053531	0.037248092	0.035210018	0.031973793
ENSG00000214575	0.051007779	0.028709761	0.031969078	0.037910026
ENSG00000173262	0.057463994	0.055644864	0.065982083	0.059537264
ENSG00000197496	0.021372297	0.027974181	0.028444983	0.028270255
ENSG00000006282	0.064062965	0.049352819	0.037356823	0.062033968
ENSG00000171116	0.017292949	0.027260828	0.026601958	0.018472315
ENSG00000135318	0.104735344	0.088387264	0.084586937	0.085860841
ENSG00000181036	0.016312341	0.025156626	0.02441298	0.015231268
ENSG00000146070	0.021083701	0.025946725	0.025483509	0.015509107
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ENSG00000172724	0.050340491	0.072915462	0.033687195	0.024705853
ENSG00000174407	0.018478808	0.025151143	0.026052193	0.016753074
ENSG00000163736	0.014959361	0.025073636	0.025312933	0.015057815
ENSG00000161243	0.085445351	0.068522076	0.052479462	0.057706241

ENSG00000138050	0.033788081	0.040180738	0.035051963	0.024434519
ENSG00000147475	0.019373765	0.027646581	0.025620878	0.016898347
ENSG00000179057	0.02049801	0.025968581	0.025370194	0.016161098
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ENSG00000182318	0.021118249	0.027942473	0.028944332	0.019149788
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ENSG00000164619	0.015083632	0.025122746	0.026399595	0.016107865
ENSG00000087087	0.033923676	0.032594564	0.032315824	0.031685881
ENSG00000147488	0.016264069	0.026986078	0.024141306	0.015741192
ENSG00000185100	0.016296898	0.027100627	0.025271112	0.016706666
ENSG00000187601	0.030325091	0.036313035	0.037889246	0.026332272
ENSG00000086548	0.016860398	0.02612706	0.024838334	0.015471906
ENSG00000135763	0.041922377	0.041028353	0.046887002	0.032742829
ENSG00000182272	0.015355336	0.025698309	0.02564701	0.015402278
ENSG00000099999	0.020745037	0.027018542	0.027205077	0.02180431
ENSG00000162399	0.017052157	0.027083219	0.026675437	0.016309679
ENSG00000161395	0.036951082	0.038496319	0.038824516	0.032561928
ENSG00000085563	0.045574703	0.043265127	0.036608795	0.049932982
ENSG00000161091	0.029074945	0.035187227	0.033669922	0.028440752
ENSG00000105467	0.017700018	0.025341897	0.025692187	0.01634468
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ENSG00000222040	0.021620213	0.026044349	0.028114462	0.016652095
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ENSG00000165935	0.016573095	0.027282545	0.025278207	0.019167109
ENSG00000172967	0.015586141	0.024745428	0.024950941	0.015639568
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ENSG00000158220	0.015223206	0.025122004	0.024714768	0.016645574
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ENSG00000004455	0.039590697	0.030550823	0.031988716	0.028446037
ENSG00000173947	0.030087202	0.032009771	0.027109841	0.023353355
ENSG00000125462	0.066542146	0.050609391	0.047920062	0.058542464
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ENSG00000105136	0.023226759	0.035364628	0.032932086	0.022654427
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ENSG00000151466	0.040189046	0.04640645	0.034856343	0.03177256
ENSG00000129480	0.029948502	0.030232938	0.032120663	0.026782731
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ENSG00000160883	0.019299185	0.026410534	0.026784328	0.019681843
ENSG00000164076	0.018150768	0.025958209	0.027458295	0.017493581
ENSG00000187461	0.057271177	0.040029417	0.045554618	0.057655638
ENSG00000170209	0.016209691	0.024775496	0.025548041	0.015836366
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ENSG00000185950	0.017628651	0.02485247	0.024811474	0.015990403
ENSG00000170091	0.016094979	0.025246594	0.024586787	0.014877118
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ENSG00000156983	0.030567763	0.044373473	0.053417738	0.03242282
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ENSG00000214046	0.028385826	0.034580486	0.032746352	0.024786677
ENSG00000108669	0.023866362	0.031616952	0.029636227	0.022030702
ENSG00000119912	0.035778442	0.041568551	0.034844671	0.032584228
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ENSG00000163132	0.123143186	0.09562806	0.106592934	0.112444942
ENSG00000228083	0.020179796	0.025841095	0.026794674	0.01794086
ENSG00000108759	0.016337694	0.024801402	0.024716218	0.014692563
ENSG00000070371	0.015057207	0.02534428	0.025895588	0.015668256
ENSG00000107014	0.049448244	0.041744018	0.041494536	0.04038023
ENSG00000167393	0.045667386	0.049514128	0.04232489	0.04101576
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ENSG00000184012	0.018586403	0.024853921	0.024517914	0.015216529
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ENSG00000126259	0.017390402	0.026046724	0.025459173	0.016734384
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ENSG00000120963	0.020948601	0.027804866	0.028035101	0.018074646
ENSG00000124226	0.020597845	0.028707814	0.028831221	0.018623525
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ENSG00000139197	0.029346438	0.032937603	0.031980515	0.021237488
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ENSG00000005238	0.02614988	0.034036257	0.030787147	0.025013172
ENSG00000237110	0.016331794	0.026585627	0.025569253	0.01675613
ENSG00000134107	0.05856395	0.035816194	0.044895629	0.047293261
ENSG00000136824	0.050514208	0.051635987	0.036439904	0.05496954
ENSG00000100122	0.015353455	0.025723194	0.026303743	0.015795746
ENSG00000164603	0.043116253	0.050554021	0.039713056	0.041573342
ENSG00000157600	0.039184802	0.039552711	0.037149863	0.034589828
ENSG00000160746	0.081537798	0.049269754	0.039042526	0.06471909
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ENSG00000130522	0.029259673	0.038250139	0.04455492	0.028072387
ENSG00000111605	0.03755756	0.037619946	0.038424052	0.039647176
ENSG00000169851	0.016424924	0.024471125	0.025089949	0.014785433
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ENSG00000179361	0.030312973	0.032401942	0.03221859	0.025351279
ENSG00000044524	0.018799937	0.026323477	0.025091387	0.016733138
ENSG00000066279	0.047659524	0.040559468	0.03733531	0.036707396
ENSG00000197142	0.017476738	0.028183632	0.027251054	0.015890974
ENSG00000197965	0.038615148	0.043514737	0.039027843	0.032702934
ENSG00000189077	0.060676791	0.051930548	0.07214227	0.059808045
ENSG00000062725	0.035920075	0.038023204	0.034212557	0.040077793
ENSG00000239306	0.031869577	0.03767049	0.033021871	0.025763273
ENSG00000137142	0.017353606	0.025390941	0.025357055	0.01637759
ENSG00000117697	0.028036944	0.034615635	0.033640604	0.027176942
ENSG00000125815	0.015920302	0.025310709	0.025087393	0.015285441
ENSG00000072163	0.052493449	0.042972286	0.044259171	0.047181735
ENSG00000163064	0.015561305	0.024644369	0.024609568	0.016512587
ENSG00000143702	0.033961951	0.047792764	0.043284593	0.046284297
ENSG00000189221	0.017017813	0.024686227	0.025390681	0.01501046
ENSG00000160785	0.030539347	0.038297813	0.03994811	0.035484754
ENSG00000129988	0.016955097	0.025542213	0.025700037	0.016331278
ENSG00000106560	0.042838435	0.044255052	0.041558736	0.03780565
ENSG00000172215	0.014668674	0.025338238	0.024330279	0.015057167
ENSG00000198728	0.017000884	0.02717066	0.028863611	0.015969553
ENSG00000214113	0.039574323	0.035411315	0.037461635	0.033643429
ENSG00000196236	0.022315574	0.027433998	0.029190522	0.019150983
ENSG00000164535	0.034708498	0.038255436	0.036789256	0.028762406
ENSG00000115616	0.023275892	0.030946775	0.025581792	0.0193344
ENSG00000160209	0.0363009	0.034090556	0.038491888	0.032183887
ENSG00000142405	0.016563778	0.024622767	0.024898013	0.015319213
ENSG00000173153	0.029536642	0.037079644	0.034224499	0.028378961
ENSG00000185686	0.024308705	0.029539565	0.026132928	0.062744217
ENSG00000168958	0.027953972	0.034588773	0.030088117	0.025055106
ENSG00000104723	0.030615226	0.025764448	0.026233219	0.019459699
ENSG00000167779	0.040996039	0.032067869	0.029151029	0.021050527
ENSG00000111667	0.017304852	0.026472095	0.025058469	0.01614028
ENSG00000177697	0.070081245	0.050044381	0.049493426	0.050184005
ENSG00000163362	0.116876937	0.082001457	0.080159205	0.085973469
ENSG00000176692	0.014956025	0.024729914	0.025104336	0.014603039
ENSG00000137656	0.033600966	0.035186416	0.035133779	0.031638852
ENSG00000123500	0.017753252	0.026689361	0.025237019	0.016151209
ENSG00000125482	0.027535076	0.033720382	0.029617975	0.020414362
ENSG00000105339	0.052516013	0.04316853	0.03995572	0.045168231
ENSG00000150526	0.014752573	0.025174566	0.025729424	0.015701385
ENSG00000106617	0.036428865	0.033618261	0.032702074	0.027914054
ENSG00000104848	0.015726314	0.025345192	0.025475426	0.015782807

ENSG00000104691	0.03305515	0.036230056	0.034490246	0.027024871
ENSG00000253313	0.015199562	0.025571772	0.025296867	0.016062981
ENSG00000204681	0.015180408	0.026048489	0.024541641	0.015707918
ENSG00000175274	0.017501144	0.025274304	0.024854547	0.015315154
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ENSG00000118017	0.015458532	0.024985746	0.025019776	0.015256606
ENSG00000211454	0.017581715	0.024764846	0.026239393	0.018543464
ENSG00000155304	0.03774019	0.036593377	0.036767194	0.042217384
ENSG00000221983	0.043816496	0.046709334	0.048331838	0.020346347
ENSG00000198478	0.026435027	0.026645102	0.026048249	0.019611392
ENSG00000179454	0.041930238	0.038127192	0.038156003	0.044263832
ENSG00000130475	0.033483945	0.034405776	0.034724828	0.036608775
ENSG00000116981	0.016641857	0.02430243	0.025191788	0.016124613
ENSG00000109390	0.036294562	0.034217212	0.035321637	0.035225999
ENSG00000143450	0.019185308	0.028889254	0.026167486	0.018123592
ENSG00000180016	0.015340883	0.02552255	0.025376695	0.015659683
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ENSG00000145536	0.015349903	0.024685633	0.024241745	0.016444108
ENSG00000123454	0.019248085	0.029358359	0.025639763	0.018012637
ENSG00000109063	0.029812889	0.031784444	0.029371584	0.020215909
ENSG00000145349	0.050339594	0.051903949	0.044704535	0.050923674
ENSG00000165023	0.0172583	0.027075094	0.025922069	0.017048597
ENSG00000130962	0.01973625	0.031579435	0.027455172	0.018951995
ENSG00000137573	0.070005029	0.024388606	0.025154103	0.015987507
ENSG00000130054	0.016719115	0.025248564	0.024903805	0.016032804
ENSG00000185567	0.019749963	0.026523282	0.026712268	0.019329069
ENSG00000165071	0.020106588	0.044225864	0.040231581	0.027984338
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ENSG00000123091	0.021272021	0.0355405	0.027261406	0.036061801
ENSG00000196873	0.030422071	0.032536875	0.029046195	0.024964645
ENSG00000175325	0.015876337	0.025531257	0.025062274	0.015531255
ENSG00000091527	0.025036469	0.03459503	0.033369197	0.021988042
ENSG00000160961	0.017033809	0.025608585	0.026042503	0.016202411
ENSG00000010626	0.051585932	0.044231459	0.056503698	0.044423568
ENSG00000141655	0.061384894	0.054638736	0.054101459	0.053410983
ENSG00000120256	0.017337957	0.025060313	0.025310552	0.015106662
ENSG00000181617	0.015225127	0.024284931	0.02551961	0.014650292
ENSG00000150760	0.014844282	0.026653267	0.024888887	0.015509677
ENSG00000234545	0.03124592	0.035901932	0.029988155	0.030157805
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ENSG00000167377	0.029424901	0.035239297	0.030939526	0.021711379
ENSG00000108055	0.029615504	0.035081398	0.030051195	0.024380599
ENSG00000101444	0.025218174	0.029797843	0.028188847	0.024352572
ENSG00000179564	0.017913305	0.024699324	0.024564453	0.015161304
ENSG00000174343	0.015827734	0.025100935	0.02484061	0.016243496
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ENSG00000174792	0.019562799	0.024474781	0.025009775	0.015473441
ENSG00000157764	0.031561745	0.036180984	0.033981934	0.027135156
ENSG00000093072	0.014768609	0.024814311	0.025057226	0.014575828
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ENSG0000063244	0.026394337	0.033883028	0.028109534	0.02330691
ENSG0000106853	0.089427792	0.090167372	0.073168154	0.083695249
ENSG0000132376	0.01706966	0.024753833	0.024566508	0.015282252
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ENSG0000147168	0.030263873	0.032460271	0.034759318	0.031516081
ENSG0000186231	0.018474808	0.026228433	0.025147561	0.016872812
ENSG0000100012	0.015842428	0.02501869	0.02439156	0.014710214
ENSG0000197172	0.018102484	0.025352579	0.026620137	0.016577709
ENSG0000111276	0.035427234	0.04186352	0.039867363	0.039614858
ENSG0000100604	0.048766903	0.033314611	0.03406062	0.034408339
ENSG0000235750	0.043065814	0.046459325	0.037313133	0.041292047
ENSG0000105383	0.060406721	0.042881992	0.054670171	0.061541928
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ENSG0000182793	0.015248008	0.024849966	0.024505492	0.015388905
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ENSG0000109220	0.025521635	0.034413712	0.034554133	0.027578237
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ENSG0000170264	0.049462627	0.05209385	0.04041988	0.042720289
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ENSG0000166133	0.029446284	0.034925268	0.037020739	0.028039891
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ENSG0000147234	0.015628481	0.025071346	0.024921626	0.014388282
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ENSG0000101365	0.016967256	0.026117741	0.025954319	0.015400514
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ENSG0000146006	0.016053238	0.024395794	0.024229912	0.014566875
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ENSG0000102898	0.027420033	0.031842193	0.030509905	0.025933921
ENSG0000182993	0.036252504	0.041516114	0.036145892	0.031760569
ENSG0000120658	0.025369669	0.028369168	0.02645145	0.017535047
ENSG0000153531	0.021266863	0.025834426	0.025026864	0.017897468
ENSG0000119673	0.038916768	0.041165644	0.031833083	0.038292302
ENSG0000188343	0.049455869	0.0425078	0.045357755	0.055393271
ENSG0000087077	0.040988862	0.031353336	0.031301371	0.028033322
ENSG0000187730	0.01630377	0.025545782	0.025141396	0.015760379

ENSG00000170929	0.014931616	0.024387468	0.024490207	0.015147903
ENSG00000163026	0.027280141	0.029610739	0.030022182	0.024490768
ENSG00000242108	0.016075589	0.026174619	0.024989711	0.016719292
ENSG00000240344	0.040304674	0.030187946	0.029076975	0.045760627
ENSG00000093144	0.029970167	0.034136622	0.030093009	0.027671777
ENSG00000083844	0.03573845	0.039632082	0.039689941	0.029843783
ENSG00000108270	0.02124142	0.027144485	0.028901064	0.017731618
ENSG00000125841	0.042315657	0.035964596	0.035213874	0.037810003
ENSG00000135436	0.025841082	0.026049577	0.026715967	0.016720051
ENSG00000172037	0.015855863	0.023776439	0.025396525	0.015076332
ENSG00000092850	0.014551495	0.023867577	0.024341009	0.01469708
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ENSG00000120087	0.056446545	0.043664832	0.041058278	0.042207649
ENSG00000139719	0.029944832	0.036671379	0.03403055	0.033060484
ENSG00000213927	0.015945008	0.025337496	0.025545662	0.01533503
ENSG00000215305	0.02582593	0.03621522	0.031368072	0.029692146
ENSG00000144583	0.016266017	0.024641748	0.025307232	0.0155573
ENSG00000162542	0.040648684	0.039567744	0.037969281	0.035404033
ENSG00000121318	0.016959285	0.02405266	0.025569414	0.016186354
ENSG00000174628	0.048876442	0.039516281	0.033031148	0.036923321
ENSG00000117500	0.02292788	0.030349553	0.033611909	0.028740867
ENSG00000178691	0.0265108	0.033451225	0.028667012	0.026368863
ENSG00000154065	0.105074262	0.073323148	0.064950276	0.076049267
ENSG00000005194	0.032651464	0.037120834	0.036078501	0.034194841
ENSG00000204439	0.029536891	0.037596661	0.036809004	0.026796436
ENSG00000154127	0.032295535	0.026103635	0.031514778	0.028413155
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ENSG00000185842	0.016744718	0.025598643	0.024559512	0.014871005
ENSG00000095139	0.021146792	0.029768437	0.029807234	0.022203502
ENSG00000075891	0.015230198	0.025021819	0.025657218	0.015185801
ENSG00000169710	0.029139806	0.032004167	0.026992042	0.024585379
ENSG00000249115	0.021481592	0.027900298	0.028151917	0.01861074
ENSG00000182405	0.028359482	0.036468372	0.030917342	0.027753738
ENSG00000139626	0.055325154	0.043289206	0.041262777	0.058016987
ENSG00000167964	0.02469604	0.026608468	0.028950835	0.026723035
ENSG00000160218	0.032395025	0.035624207	0.038185957	0.032297591
ENSG00000159593	0.029246742	0.033813318	0.031337331	0.022199608
ENSG00000124215	0.016042848	0.025149445	0.024727039	0.015943404
ENSG00000112304	0.027963614	0.030938128	0.028051012	0.027403138
ENSG00000172179	0.119104161	0.026232163	0.025167779	0.0372419
ENSG00000164761	0.125635612	0.079920418	0.042395251	0.05257761
ENSG00000146122	0.1453242	0.081384099	0.052190222	0.073564381
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ENSG00000147119	0.039943055	0.042684966	0.034563151	0.033953998
ENSG00000118729	0.016508411	0.024581873	0.024973393	0.015531783
ENSG00000079482	0.01610798	0.025423569	0.02492372	0.015762781
ENSG00000138175	0.035388447	0.037597823	0.033331721	0.025641096
ENSG00000119917	0.061205304	0.069578599	0.06440174	0.075003803
ENSG00000162975	0.015857528	0.024855646	0.025306093	0.014803753
ENSG00000132823	0.02469027	0.033188573	0.033330965	0.025416728
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ENSG00000213030	0.016180542	0.025377692	0.025606406	0.016250405
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ENSG00000015568	0.03197301	0.035111956	0.029574077	0.023651426
ENSG00000132207	0.037935086	0.036952132	0.036466069	0.027001344
ENSG00000185254	0.01885058	0.026055393	0.025014365	0.016827769
ENSG00000138193	0.017185475	0.025151616	0.024872142	0.016234814
ENSG00000119950	0.015999235	0.024028115	0.025103369	0.01511471
ENSG00000100994	0.031426133	0.030796143	0.032484468	0.027338458
ENSG00000143633	0.026772175	0.030710946	0.031600046	0.025043782
ENSG00000065882	0.04026856	0.038126897	0.042049301	0.036551585
ENSG00000198131	0.034976787	0.040821257	0.049256998	0.043653431
ENSG00000244486	0.018696275	0.025233133	0.026025266	0.017755878
ENSG00000205221	0.018996856	0.03086208	0.028744934	0.019399913
ENSG00000105173	0.035835998	0.034497147	0.037910476	0.030394136
ENSG00000170180	0.016908208	0.025597923	0.02514049	0.016897049
ENSG00000171136	0.014297255	0.024756101	0.02524771	0.014806785
ENSG00000134198	0.01632417	0.025008474	0.02505928	0.015748327
ENSG00000125398	0.081316219	0.06292248	0.056202448	0.07567329
ENSG00000183317	0.016470434	0.025998293	0.026119865	0.016511584
ENSG00000107020	0.033128474	0.035400202	0.032510061	0.029675826
ENSG00000100156	0.016386317	0.024710056	0.025858951	0.014240101
ENSG00000112619	0.01592259	0.024470259	0.02490534	0.016087213
ENSG00000094804	0.02077775	0.027148798	0.025632688	0.018504936
ENSG00000168615	0.028784973	0.032562907	0.031232133	0.020463729
ENSG00000109101	0.016121194	0.025388379	0.025787043	0.015710044
ENSG00000174516	0.018032288	0.0287927	0.025421875	0.018788715
ENSG00000171103	0.031915348	0.033792082	0.028846648	0.023608648
ENSG00000196935	0.027553842	0.031241525	0.029471561	0.021504315
ENSG00000163359	0.015550557	0.02464161	0.024904264	0.015733705
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ENSG00000162944	0.016628195	0.025203209	0.024351107	0.016489966
ENSG00000153802	0.016482507	0.024496958	0.02529453	0.014013792
ENSG00000121552	0.099087878	0.104245036	0.059202934	0.055070494
ENSG00000197448	0.02465364	0.029056111	0.028496623	0.023224587
ENSG00000095370	0.031817803	0.030152409	0.038848481	0.038780071
ENSG00000197601	0.036806024	0.038000501	0.039489082	0.0346715
ENSG00000150244	0.036903559	0.026544263	0.035817794	0.020314378
ENSG00000075624	0.013414368	0.023587025	0.023548045	0.013292624
ENSG00000139291	0.042575312	0.03864438	0.044634015	0.042906991
ENSG00000034152	0.018029942	0.029369488	0.026261257	0.021345484
ENSG00000101670	0.090856294	0.069880199	0.068305321	0.071071979
ENSG00000174640	0.030074024	0.026185304	0.029957074	0.018226859
ENSG00000168026	0.027708058	0.034485398	0.030771795	0.033321302
ENSG00000152784	0.017026776	0.025352569	0.025357551	0.014999491
ENSG00000157450	0.022268791	0.031547493	0.029152557	0.021171092
ENSG00000164122	0.016348728	0.025204168	0.024268657	0.015750842
ENSG00000182871	0.022305508	0.031552904	0.028511392	0.023376615
ENSG00000136732	0.033513541	0.029549462	0.031229559	0.024109176
ENSG00000226979	0.048775287	0.041280514	0.0345472	0.043544197
ENSG00000113648	0.030411477	0.031986825	0.038458664	0.033667358
ENSG00000152402	0.016452531	0.023835754	0.025243177	0.014629843
ENSG00000138778	0.048953494	0.043995894	0.037595313	0.03747261
ENSG00000017373	0.015313285	0.025136451	0.025423078	0.013860926
ENSG00000241973	0.016956866	0.024382554	0.024678824	0.015510547

ENSG00000117475	0.034643475	0.035015222	0.037642522	0.04095229
ENSG00000240583	0.016476886	0.026930512	0.025487817	0.015410932
ENSG00000012124	0.031464471	0.038439348	0.034298795	0.03085004
ENSG00000159082	0.016148514	0.024506041	0.024598776	0.014895885
ENSG00000137393	0.025500886	0.025340656	0.024958505	0.017325395
ENSG00000181234	0.017076794	0.026178217	0.025836875	0.017360444
ENSG00000166592	0.059407405	0.052059924	0.048355006	0.054097349
ENSG00000162390	0.024971472	0.027498389	0.026145456	0.023935003
ENSG00000125726	0.027245132	0.02959473	0.033182629	0.028344084
ENSG00000164543	0.021773895	0.031181241	0.027526103	0.017241622
ENSG00000146276	0.017431576	0.024498698	0.024139301	0.016774393
ENSG00000186818	0.014807381	0.024615116	0.024435954	0.015854049
ENSG00000158792	0.036162588	0.044387593	0.046326761	0.029462243
ENSG00000166246	0.018863355	0.025754432	0.025665033	0.017962825
ENSG00000173269	0.020606534	0.026442363	0.025212832	0.016749539
ENSG00000165272	0.023763578	0.025410145	0.027980879	0.017949011
ENSG00000072506	0.033675304	0.0351155	0.030892655	0.02866245
ENSG00000131941	0.076334185	0.050017762	0.049501774	0.057932094
ENSG00000113328	0.033773251	0.045059991	0.036687444	0.039351926
ENSG00000172640	0.015594813	0.024519584	0.024869198	0.016480037
ENSG00000198924	0.032792595	0.040278395	0.03321111	0.028026017
ENSG00000181830	0.028108852	0.031513094	0.040732498	0.025543115
ENSG00000165807	0.015711393	0.026656346	0.025362168	0.015963236
ENSG00000178467	0.044594794	0.039286752	0.037575534	0.037534339
ENSG00000170941	0.017915038	0.027117017	0.027963442	0.01765083
ENSG00000126550	0.01544969	0.024476585	0.024557468	0.014946308
ENSG00000144597	0.020798616	0.02742921	0.026174033	0.017320228
ENSG00000167601	0.019366949	0.028070204	0.026163858	0.016435805
ENSG00000161513	0.04395149	0.043158114	0.042433063	0.034965471
ENSG00000221829	0.041755659	0.039730461	0.030441882	0.030844159
ENSG00000154265	0.037153531	0.035106229	0.034224556	0.031063464
ENSG00000198718	0.036231468	0.040911894	0.035001573	0.035742075
ENSG00000155052	0.016345869	0.025184783	0.025171876	0.014620515
ENSG00000145428	0.018904613	0.024852152	0.025708828	0.015224598
ENSG00000176083	0.016565555	0.025142588	0.025127717	0.016223159
ENSG00000125170	0.06986115	0.056433741	0.045591222	0.058500282
ENSG00000047644	0.068214474	0.060355914	0.049474582	0.094069168
ENSG00000137074	0.033111527	0.036904812	0.030442696	0.023144043
ENSG00000174697	0.015486463	0.024753978	0.024396432	0.015598733
ENSG00000183111	0.019179825	0.028007893	0.025070008	0.017357648
ENSG00000020577	0.027880005	0.031263265	0.030357581	0.026614663
ENSG00000115183	0.088705304	0.064630963	0.048957822	0.064830484
ENSG00000183648	0.018387095	0.027469863	0.025692681	0.018509025
ENSG00000136856	0.041711103	0.040413195	0.042971366	0.035983858
ENSG00000152578	0.016250282	0.024620971	0.025811027	0.016579903
ENSG00000137288	0.03229323	0.034350252	0.03285568	0.030613312
ENSG00000015133	0.031471627	0.035782825	0.03273827	0.023702653
ENSG00000167085	0.036088569	0.0343032	0.036430731	0.030708337
ENSG00000108256	0.032110986	0.039954876	0.043855348	0.032822211
ENSG00000137285	0.129387626	0.126244903	0.110387245	0.112526948
ENSG00000186049	0.01533067	0.024064942	0.024964375	0.016104994
ENSG00000166734	0.027451493	0.034480143	0.03029696	0.026780283
ENSG00000163281	0.028219392	0.035383527	0.032098514	0.029302007
ENSG00000176894	0.035022704	0.035235038	0.039165357	0.032385968

ENSG00000114107	0.049416525	0.041038666	0.044295881	0.033475595
ENSG00000101452	0.03357839	0.037144646	0.033557809	0.029580755
ENSG00000101951	0.016654172	0.025943081	0.02492009	0.016110433
ENSG00000172935	0.017674384	0.025034462	0.024614369	0.015602754
ENSG00000162078	0.089476749	0.06972619	0.068255871	0.082913582
ENSG00000110079	0.017103319	0.02607824	0.024927237	0.016982976
ENSG00000151065	0.025508393	0.031401129	0.027980695	0.02180051
ENSG00000100129	0.017104425	0.026183759	0.026456674	0.018457005
ENSG00000130177	0.028422337	0.033749277	0.033907539	0.020617549
ENSG00000100314	0.017530619	0.026020779	0.025383472	0.017539924
ENSG00000166507	0.032021841	0.036642859	0.036037876	0.027395185
ENSG00000126254	0.020894435	0.02905537	0.032010086	0.024547387
ENSG00000167654	0.017873407	0.025808321	0.025775894	0.015699341
ENSG00000111371	0.02485206	0.03032531	0.031283513	0.022384917
ENSG00000156313	0.058371602	0.059406527	0.060856816	0.062261368
ENSG00000143157	0.028217682	0.033502147	0.034065434	0.025202234
ENSG00000205531	0.024880232	0.030243121	0.029200144	0.021005
ENSG00000168872	0.025600947	0.030482128	0.033472516	0.025595798
ENSG00000108684	0.015920495	0.025882269	0.024700164	0.015867336
ENSG00000169689	0.040544797	0.03608169	0.032130197	0.027898623
ENSG00000134996	0.030803947	0.041343426	0.03668516	0.024626245
ENSG00000111241	0.017039487	0.024549372	0.025697288	0.015202951
ENSG00000159214	0.025224179	0.030027084	0.031390682	0.024052495
ENSG00000135968	0.020563529	0.026818222	0.027641978	0.021000084
ENSG00000020633	0.028551034	0.032034255	0.032645571	0.031614941
ENSG00000114904	0.015396857	0.025773801	0.025509478	0.017165603
ENSG00000104133	0.033934172	0.039984663	0.035265612	0.030192124
ENSG00000038295	0.018520761	0.025891062	0.026017443	0.016764142
ENSG00000168944	0.030240665	0.040680499	0.033053743	0.030221904
ENSG00000186827	0.076057928	0.056885741	0.061882917	0.071041457
ENSG00000165914	0.01795398	0.026696985	0.024665842	0.017232471
ENSG00000106991	0.048744628	0.047069828	0.040646238	0.046233092
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ENSG00000167791	0.016381528	0.025233885	0.025701928	0.016266395
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ENSG00000014123	0.036320476	0.045241688	0.036007197	0.036139262
ENSG00000204640	0.016009786	0.024520339	0.024733804	0.015173128
ENSG00000101017	0.04419183	0.038059845	0.04231078	0.041053601
ENSG00000111344	0.109499812	0.092210264	0.069238567	0.089223098
ENSG00000166272	0.019569711	0.028928168	0.025944412	0.020505332
ENSG00000177150	0.04010235	0.045069415	0.042318885	0.030750864
ENSG00000164400	0.039742428	0.026499121	0.028626128	0.018785161
ENSG00000204525	0.028926441	0.029361965	0.031097438	0.023265863
ENSG00000204882	0.014863039	0.025053243	0.024670721	0.016421898
ENSG00000172742	0.016469762	0.024916093	0.025126063	0.014376281
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ENSG00000137462	0.071982538	0.052323082	0.036921038	0.050557803
ENSG00000126231	0.016670061	0.024818532	0.024403681	0.015847598
ENSG00000187145	0.022714826	0.025723075	0.025676072	0.016762161
ENSG00000130255	0.014411694	0.023802043	0.023979343	0.015934793
ENSG00000158715	0.064606667	0.068123929	0.051938385	0.068571249
ENSG00000112578	0.034714189	0.032036292	0.039152476	0.0311467
ENSG00000175482	0.03718181	0.039642323	0.038882839	0.037100762
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ENSG0000105856	0.032011801	0.033714329	0.040873339	0.035482261
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ENSG0000178127	0.02088256	0.027876598	0.027086513	0.016138505
ENSG0000119321	0.040260387	0.040815233	0.036815295	0.035195704
ENSG0000139200	0.016734714	0.024676583	0.02444556	0.01668702
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ENSG0000081760	0.018145385	0.025752111	0.027523068	0.018445088
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ENSG0000186807	0.088052267	0.034338586	0.036133961	0.074815648
ENSG0000071677	0.015756171	0.024666523	0.024863854	0.015847917
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ENSG0000164853	0.015187172	0.025335121	0.024816701	0.014662537
ENSG0000206072	0.017534213	0.02650025	0.025663565	0.017592703
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ENSG0000156858	0.022961826	0.028746356	0.033654026	0.024214332
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ENSG0000114942	0.034517837	0.030684129	0.030017829	0.032750013
ENSG0000040633	0.029154796	0.033330234	0.036903179	0.028954745
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ENSG0000174948	0.015733544	0.024827716	0.024697229	0.015271703
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ENSG0000100373	0.016551757	0.024326745	0.025437358	0.016407022
ENSG0000147570	0.035774357	0.076823011	0.042919622	0.068252798
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ENSG0000168118	0.045010908	0.042424529	0.037459093	0.033078961
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ENSG00000134574	0.030266356	0.03600755	0.03604185	0.03112244
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ENSG00000175567	0.043397171	0.034279329	0.037297978	0.031017648
ENSG00000162664	0.023433203	0.026749036	0.027912056	0.022103301
ENSG00000116014	0.076973703	0.071856944	0.065606033	0.069193949
ENSG00000162896	0.120681176	0.091613934	0.10705028	0.120737965
ENSG00000147255	0.043210542	0.02695756	0.026598063	0.019206013
ENSG00000104725	0.01711789	0.024948626	0.02529034	0.01481817
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ENSG00000112655	0.040308618	0.03867999	0.026766478	0.022818909
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ENSG00000213085	0.029929114	0.032797899	0.032500971	0.056925843
ENSG00000174903	0.025202042	0.02964941	0.033530547	0.024432437
ENSG00000128656	0.017095185	0.024868164	0.025771315	0.01639486
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ENSG00000113494	0.034375238	0.034979069	0.027679418	0.02746519
ENSG00000135297	0.028757086	0.033863902	0.031983334	0.021824954
ENSG00000076604	0.04023609	0.05537892	0.05721221	0.045371568
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ENSG00000140287	0.017278282	0.026734625	0.025356245	0.017148368
ENSG00000154330	0.016462708	0.025296703	0.025490948	0.016129709
ENSG00000071051	0.024046125	0.032146141	0.030300884	0.02274763
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ENSG00000101955	0.023110353	0.033780947	0.028312603	0.021568805
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ENSG00000185000	0.023821268	0.027280746	0.027500529	0.022365111
ENSG00000183726	0.029645257	0.03505842	0.033929875	0.033356731
ENSG00000170776	0.036326193	0.037891608	0.034610873	0.033856738
ENSG00000004897	0.025105096	0.034482937	0.032410229	0.024787219
ENSG00000183186	0.017587929	0.024796596	0.025044538	0.016585994
ENSG00000025800	0.026432599	0.02942535	0.029842047	0.021614206
ENSG00000165609	0.023771965	0.031041521	0.027730682	0.020639207
ENSG00000141873	0.029269108	0.033562883	0.034029129	0.032559442
ENSG00000147592	0.038180639	0.036891727	0.031959329	0.028932506
ENSG00000167065	0.026835443	0.030212513	0.027564856	0.023836379
ENSG00000113532	0.05581066	0.059272655	0.048101594	0.044755163
ENSG00000168634	0.015759302	0.024925242	0.025272696	0.015100826
ENSG00000169330	0.03309761	0.029164069	0.029662493	0.033138774
ENSG00000158683	0.015918875	0.026382028	0.024862887	0.015439815
ENSG00000205937	0.017804178	0.025162108	0.025009926	0.016883189
ENSG00000117868	0.020454435	0.026047078	0.026163195	0.01655395

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ENSG00000184992	0.037824052	0.044711215	0.04073733	0.033353571
ENSG00000146242	0.137308397	0.080478837	0.063873871	0.105425984
ENSG00000021762	0.015110333	0.025630674	0.025091351	0.016467773
ENSG00000196199	0.030044053	0.03687236	0.033349817	0.022968552
ENSG00000117010	0.033254714	0.035927942	0.036844246	0.029064893
ENSG00000183979	0.021032912	0.026252545	0.024762113	0.018536505
ENSG00000229544	0.016461838	0.02511454	0.024857814	0.015847916
ENSG00000122299	0.026162097	0.031090861	0.039912258	0.026583027
ENSG00000183791	0.015334363	0.025055047	0.024495039	0.014751732
ENSG00000104164	0.043976317	0.041252028	0.038244967	0.057201464
ENSG00000172188	0.01888453	0.025329495	0.026518197	0.018094811
ENSG00000167920	0.033437874	0.035936514	0.033594936	0.029409637
ENSG00000143320	0.017736568	0.025160657	0.025078325	0.015820766
ENSG00000143951	0.027781452	0.035089359	0.027606231	0.028267413
ENSG00000101493	0.052487782	0.047829315	0.043794833	0.045375087
ENSG00000139684	0.021146797	0.028088957	0.02775705	0.020596717
ENSG00000114353	0.023150491	0.027679204	0.028147998	0.018949517
ENSG00000182348	0.016071344	0.024812281	0.024910143	0.016356004
ENSG00000139579	0.030938722	0.034396366	0.028586551	0.025113373
ENSG00000187391	0.017270116	0.026825429	0.027339437	0.017792315
ENSG00000148803	0.032032992	0.034376564	0.030492417	0.034233379
ENSG00000113205	0.0171874	0.026403586	0.025345006	0.016086729
ENSG00000184203	0.031417563	0.036922797	0.036987466	0.02451318
ENSG00000117479	0.05709633	0.041562436	0.039724816	0.037595156
ENSG00000184363	0.016396317	0.026509149	0.027545206	0.015949262
ENSG00000153086	0.015552871	0.025134968	0.02479555	0.014080468
ENSG00000172500	0.02956175	0.033357365	0.029260515	0.027642411
ENSG00000159322	0.024497029	0.031134611	0.030828312	0.022374093
ENSG00000168899	0.04369771	0.039995895	0.041001279	0.036797702
ENSG00000128510	0.064370905	0.066930707	0.054714939	0.064411795
ENSG00000182187	0.017276045	0.023994856	0.024566357	0.015108048
ENSG00000145384	0.017204642	0.026148815	0.027563908	0.017187124
ENSG00000111704	0.016787781	0.025408926	0.025753515	0.018916255
ENSG00000091129	0.153218751	0.07099608	0.03394775	0.056833789
ENSG00000099785	0.031140717	0.036071756	0.035514047	0.030331756
ENSG00000147432	0.018187327	0.026746815	0.026496303	0.017835591
ENSG00000132005	0.025884835	0.036633942	0.032971894	0.028526887
ENSG00000128254	0.015288537	0.024024515	0.025288688	0.01499516
ENSG00000196793	0.054045652	0.042182138	0.037011371	0.034365459
ENSG00000129518	0.025390448	0.038467229	0.032562098	0.02603
ENSG00000145982	0.044976194	0.033238215	0.034167768	0.037047597
ENSG00000140400	0.02492764	0.033275381	0.035332656	0.029586061
ENSG00000004838	0.024663822	0.028793649	0.032168952	0.024824581
ENSG00000164796	0.017378904	0.027668434	0.027444466	0.016700265
ENSG00000146674	0.147332306	0.084254346	0.029901061	0.063040238
ENSG00000138356	0.018266787	0.026953591	0.025255956	0.017990047
ENSG00000121879	0.030381096	0.03703118	0.037893547	0.028262186
ENSG00000141753	0.088691018	0.060079232	0.060506915	0.066017005
ENSG00000151414	0.016411731	0.026029813	0.025825531	0.016382783
ENSG00000065970	0.02705656	0.03054541	0.031727189	0.022089299
ENSG00000135185	0.026807029	0.031356381	0.032732885	0.021600425
ENSG00000177842	0.037301126	0.038730844	0.038019157	0.043895089
ENSG00000185414	0.029791625	0.040097607	0.03225259	0.026314907

ENSG00000170011	0.085225336	0.044375977	0.042081528	0.042920862
ENSG00000187033	0.037566539	0.041033486	0.031946448	0.036457797
ENSG00000168000	0.040716875	0.035868785	0.034422003	0.034242014
ENSG00000166920	0.015183689	0.024687728	0.023910888	0.015153865
ENSG00000079337	0.019549382	0.02680357	0.026376146	0.016076933
ENSG00000185437	0.031743521	0.032054252	0.029159528	0.026732918
ENSG00000108242	0.016663105	0.02463333	0.02464324	0.014475885
ENSG00000125753	0.020839936	0.030877461	0.029745605	0.022783019
ENSG00000167588	0.018195003	0.026873056	0.025860382	0.01667778
ENSG00000173950	0.043189082	0.041163474	0.036162429	0.042945719
ENSG00000106927	0.016612102	0.024842149	0.025283946	0.015566591
ENSG00000141391	0.019079429	0.026282669	0.025597229	0.017397979
ENSG00000114279	0.017498488	0.026544962	0.025890612	0.014780967
ENSG00000157851	0.015954412	0.025325527	0.024645059	0.016409083
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ENSG00000100473	0.063153267	0.060119847	0.052582419	0.053488144
ENSG00000006788	0.016531167	0.02498554	0.025471834	0.015548446
ENSG00000108510	0.029626666	0.033086297	0.03712386	0.024337354
ENSG00000163428	0.03961528	0.035479287	0.03719962	0.029939673
ENSG00000167286	0.044387579	0.026606859	0.026652808	0.095866741
ENSG00000152580	0.014730908	0.025167896	0.024709953	0.014676961
ENSG00000153944	0.051440626	0.03577443	0.033034618	0.037185977
ENSG00000130304	0.022948372	0.028368113	0.028203571	0.021819044
ENSG00000170222	0.025701841	0.032039738	0.030555709	0.021792577
ENSG00000161664	0.060245063	0.049476865	0.047780226	0.087116769
ENSG00000182230	0.015076104	0.025732709	0.025950711	0.019661526
ENSG00000178449	0.021795501	0.027823945	0.029723248	0.024344387
ENSG00000162753	0.018194906	0.030392395	0.027891858	0.021253313
ENSG00000134871	0.0365897	0.035983025	0.026401752	0.022031835
ENSG00000132305	0.028136667	0.033504577	0.031454938	0.020649129
ENSG00000187801	0.039876033	0.040012865	0.04526264	0.037705071
ENSG00000241468	0.030286383	0.032505064	0.028646058	0.026140092
ENSG00000161649	0.019679209	0.028186471	0.025562555	0.020785997
ENSG00000144451	0.031353922	0.02852727	0.027903154	0.021230573
ENSG00000244122	0.016657472	0.02545122	0.025045022	0.016312798
ENSG00000204628	0.015343904	0.024280498	0.025463017	0.017400085
ENSG00000171643	0.023123278	0.026184308	0.024712343	0.015668395
ENSG00000033867	0.050009454	0.03983724	0.034290344	0.033103387
ENSG00000185385	0.01530777	0.024689881	0.02412485	0.015148724
ENSG00000184368	0.120793993	0.092538412	0.065173299	0.108195531
ENSG00000204518	0.015226483	0.024571063	0.025200204	0.01492736
ENSG00000167236	0.027879401	0.025284013	0.026448371	0.022664449
ENSG00000089685	0.045584609	0.034022539	0.04068601	0.036447518
ENSG00000141933	0.031529199	0.035261297	0.035171958	0.029305852
ENSG00000023572	0.023208555	0.029508686	0.02512762	0.019125476
ENSG00000175137	0.026315901	0.027898809	0.029701425	0.022806194
ENSG00000151500	0.034255019	0.037180816	0.031135338	0.027731656
ENSG00000144161	0.031713884	0.032146277	0.038411684	0.028787282
ENSG00000164181	0.047739545	0.051565529	0.054911306	0.046894676
ENSG00000100908	0.030042215	0.030676248	0.033369818	0.027163677
ENSG00000119685	0.018620358	0.026151425	0.026349476	0.017676263
ENSG00000147364	0.017585683	0.027098645	0.026327381	0.017120702
ENSG00000204560	0.022160695	0.03177968	0.029264573	0.020627538
ENSG00000174586	0.017776143	0.025414547	0.025848264	0.017078241

ENSG00000150459	0.036820551	0.037932506	0.032102286	0.026654058
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ENSG00000105486	0.036165121	0.032772568	0.033370792	0.026125412
ENSG00000148926	0.144476754	0.119087782	0.139406768	0.138717717
ENSG00000248098	0.035310665	0.034675881	0.033794155	0.02879948
ENSG00000015285	0.021437444	0.027335862	0.02831236	0.021797507
ENSG00000114125	0.022488236	0.029644287	0.028235907	0.020415947
ENSG00000118596	0.024709735	0.033112539	0.029795039	0.020983695
ENSG00000115902	0.04763009	0.045317152	0.052462871	0.050869515
ENSG00000135604	0.035820695	0.042393901	0.044925465	0.035052432
ENSG00000119471	0.028920821	0.036497497	0.036828565	0.035302742
ENSG00000182606	0.036823062	0.040987692	0.036823674	0.032000282
ENSG00000114487	0.019093919	0.025784093	0.027803388	0.019941316
ENSG00000167565	0.016258093	0.027507342	0.025518304	0.017004032
ENSG00000186075	0.016204703	0.024597757	0.024898051	0.014565947
ENSG00000124596	0.031182059	0.032413263	0.028596276	0.020009282
ENSG00000174206	0.03028537	0.031264143	0.034845243	0.019173361
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ENSG00000166783	0.01926933	0.028873032	0.026694882	0.019248872
ENSG00000107651	0.031783002	0.037677312	0.031592082	0.027989134
ENSG00000100249	0.016424071	0.025609878	0.027248913	0.017568555
ENSG00000172977	0.014822159	0.024639142	0.024474095	0.015319705
ENSG00000022355	0.016563782	0.024975851	0.02471782	0.015553505
ENSG00000184374	0.016324959	0.026084231	0.025416429	0.015203516
ENSG00000055130	0.024784356	0.031463358	0.030928415	0.019448367
ENSG00000169551	0.015116484	0.024206711	0.024361678	0.014781261
ENSG00000119383	0.038642384	0.035181143	0.03445255	0.033872914
ENSG00000131848	0.030536087	0.034894652	0.042034297	0.03602496
ENSG00000188818	0.016811724	0.02545345	0.024931106	0.017217456
ENSG00000187244	0.015742197	0.02475329	0.023890719	0.016297
ENSG00000172297	0.013439364	0.023893802	0.023547794	0.01298002
ENSG00000148396	0.019631219	0.029349658	0.036356778	0.022453848
ENSG00000182271	0.015625963	0.026524951	0.02521593	0.015593123
ENSG00000162290	0.030334456	0.037150017	0.034963188	0.029476493
ENSG00000119280	0.037856889	0.032715296	0.03524716	0.029604846
ENSG00000175899	0.044602836	0.06292713	0.036627087	0.052888546
ENSG00000101161	0.048648994	0.037845592	0.037300859	0.045605194
ENSG00000126950	0.016328284	0.025325869	0.02555663	0.015025185
ENSG00000144642	0.061087541	0.050945413	0.037988174	0.037044306
ENSG00000160271	0.025713699	0.03393126	0.032728145	0.029976316
ENSG00000107623	0.015686695	0.02538447	0.025644244	0.015043396
ENSG00000161800	0.037551413	0.034098016	0.031623747	0.026925512
ENSG00000125900	0.019998584	0.026330274	0.024879636	0.020383789
ENSG00000188011	0.016318468	0.025145676	0.024926627	0.016860541
ENSG00000244405	0.079518492	0.053402503	0.056603177	0.060523371
ENSG00000012817	0.225890988	0.229641431	0.214402944	0.213501042
ENSG00000163444	0.025203167	0.031502474	0.029549921	0.019155785
ENSG00000187566	0.016075276	0.024928424	0.024651092	0.014636129
ENSG00000151117	0.017245357	0.025472764	0.025124385	0.015277651
ENSG00000110799	0.018210149	0.027090568	0.025986507	0.01805171
ENSG00000122641	0.025185026	0.029492189	0.029031777	0.021491617
ENSG00000215251	0.033813442	0.038740095	0.046791699	0.034352398

ENSG00000103326	0.018562656	0.027302016	0.026620789	0.020761607
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ENSG00000150269	0.017611984	0.025601671	0.024942343	0.016091942
ENSG00000137414	0.029982845	0.038692392	0.03781155	0.025199463
ENSG00000130340	0.014955221	0.024301245	0.024666423	0.014543308
ENSG00000115461	0.01894934	0.026192014	0.026354904	0.017505079
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ENSG00000198754	0.038105101	0.035414305	0.038553173	0.030062587
ENSG00000169247	0.01656509	0.02589761	0.024378156	0.014971488
ENSG00000223638	0.02539009	0.041748936	0.029762783	0.016646319
ENSG00000196620	0.01667781	0.02404549	0.025068031	0.014323233
ENSG00000127603	0.017394084	0.028586102	0.026444378	0.018916959
ENSG00000100319	0.023892606	0.027670395	0.02706028	0.021870528
ENSG00000115657	0.043175791	0.043739737	0.034635424	0.036439117
ENSG00000213760	0.038172197	0.042521825	0.036723835	0.032340825
ENSG00000221866	0.019692654	0.026795762	0.027027499	0.017551092
ENSG00000182979	0.026930591	0.029312172	0.03047272	0.022384313
ENSG00000063322	0.026850426	0.028552923	0.030078107	0.022695311
ENSG00000013392	0.03285572	0.037744071	0.03922887	0.033445691
ENSG00000135720	0.031073789	0.029913791	0.032598145	0.024592197
ENSG00000149100	0.019516172	0.027839546	0.026732448	0.017990457
ENSG00000177839	0.047448776	0.043532228	0.037509324	0.048275805
ENSG00000180432	0.015454888	0.024720734	0.024476903	0.015720825
ENSG00000050820	0.052240747	0.056000306	0.050380006	0.055753217
ENSG00000070778	0.016168219	0.025280259	0.025292855	0.015439104
ENSG00000185338	0.059640365	0.051219076	0.051565619	0.053243089
ENSG00000011105	0.017261774	0.025451733	0.025271205	0.017078804
ENSG00000114737	0.023736907	0.032162191	0.027517174	0.023286739
ENSG00000112164	0.015188517	0.024889011	0.025424035	0.01475405
ENSG00000114503	0.018848269	0.028528681	0.029302463	0.019084685
ENSG00000121417	0.027375732	0.03711608	0.038600682	0.025956452
ENSG00000187513	0.017722769	0.025995076	0.025965875	0.016984926
ENSG00000128050	0.028181765	0.030478047	0.027302604	0.022542095
ENSG00000128709	0.016363817	0.025901804	0.024662009	0.015765585
ENSG00000126773	0.030467788	0.03550027	0.032376514	0.02596694
ENSG00000183307	0.016569032	0.02558349	0.025419609	0.014518565
ENSG00000162063	0.054604363	0.037651269	0.039528095	0.041236234
ENSG00000165782	0.033751435	0.041980423	0.039840219	0.032909974
ENSG00000160050	0.036720477	0.033605803	0.03244242	0.035215429
ENSG00000106511	0.015707941	0.024707137	0.024601738	0.015615208
ENSG00000007062	0.019603185	0.02706087	0.029405363	0.020978595
ENSG00000120738	0.089487957	0.054260181	0.077075597	0.073465181
ENSG00000119614	0.018025223	0.026187155	0.025182121	0.014187194
ENSG00000121749	0.025872261	0.031959039	0.0328717	0.022465595
ENSG00000130772	0.018469897	0.026479316	0.028031272	0.019799261
ENSG00000204178	0.034845182	0.036840652	0.040790928	0.029688222
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ENSG00000164687	0.038015996	0.034591709	0.030339064	0.038733667
ENSG00000152620	0.03720497	0.035988836	0.032285493	0.028187394
ENSG00000166922	0.040016381	0.040941913	0.027003781	0.022511475
ENSG00000133142	0.030479378	0.033181832	0.034425873	0.023500551
ENSG00000116977	0.018549822	0.026169428	0.02749028	0.020015387
ENSG00000119121	0.022142435	0.028438522	0.028228405	0.020683039
ENSG00000184575	0.044004758	0.049580567	0.037849825	0.04434935

ENSG00000198626	0.015806164	0.025774841	0.02483659	0.015653881
ENSG00000140522	0.015316469	0.025251894	0.023998676	0.015886865
ENSG00000197324	0.027374041	0.031372659	0.040259194	0.026626542
ENSG00000171180	0.015047253	0.024728159	0.025384689	0.015683716
ENSG00000172782	0.014750654	0.024781638	0.024195501	0.014516087
ENSG00000119333	0.038794168	0.042308536	0.036578096	0.031024866
ENSG00000168807	0.028557245	0.028837566	0.02676879	0.021714282
ENSG00000214706	0.034294145	0.032858576	0.032724188	0.034225989
ENSG00000101544	0.043826954	0.055993182	0.062338714	0.053931503
ENSG00000117676	0.032823333	0.032116604	0.035216157	0.030653995
ENSG00000170345	0.085830324	0.058467941	0.0489592	0.06323457
ENSG00000152503	0.017297787	0.025175434	0.025425988	0.01571865
ENSG00000016391	0.046974208	0.047759132	0.040867887	0.049110521
ENSG00000160097	0.016897209	0.026478109	0.025412746	0.01639097
ENSG00000166682	0.015934431	0.025392383	0.024586223	0.016016752
ENSG00000139324	0.02028426	0.026147631	0.026916611	0.021609863
ENSG00000120279	0.02567283	0.02763863	0.0286056	0.028637645
ENSG00000139055	0.048664037	0.040654017	0.039252388	0.037544526
ENSG00000164163	0.028056213	0.032012051	0.031992857	0.031326942
ENSG00000128294	0.037094259	0.037145785	0.035914777	0.02871396
ENSG00000148120	0.021962917	0.026980355	0.027664877	0.019827757
ENSG00000120586	0.01529763	0.025101092	0.024447094	0.014981845
ENSG00000139263	0.089842202	0.073784317	0.074978209	0.072811542
ENSG00000107959	0.059162455	0.058746798	0.04689001	0.054901298
ENSG00000165996	0.103179287	0.093766062	0.078400437	0.096465162
ENSG00000115935	0.031066728	0.034800888	0.030417572	0.024600346
ENSG00000161265	0.029637336	0.030385861	0.033353385	0.027227746
ENSG00000125149	0.022325778	0.028358793	0.026163114	0.017850611
ENSG00000132879	0.016100999	0.02558613	0.023933946	0.015496946
ENSG00000173114	0.023419301	0.029617395	0.028613813	0.020823187
ENSG00000073282	0.07630944	0.071201173	0.059247489	0.068446144
ENSG00000167461	0.025624931	0.029878976	0.033101267	0.024078869
ENSG00000133103	0.036796886	0.036228523	0.037359081	0.029803829
ENSG00000234745	0.02201478	0.029003279	0.029898518	0.020999417
ENSG00000140320	0.024456425	0.034962812	0.035470032	0.022339592
ENSG00000163110	0.030176395	0.030503112	0.03120132	0.02667715
ENSG00000182752	0.022668432	0.027868212	0.03201886	0.019028964
ENSG00000105464	0.014681991	0.025679947	0.024688242	0.015363075
ENSG00000144476	0.097987134	0.086924784	0.089326566	0.098152693
ENSG00000169554	0.057559049	0.045553128	0.037860621	0.044457124
ENSG00000058063	0.033554359	0.038610114	0.033225271	0.031281528
ENSG00000180155	0.01482722	0.02467769	0.024575178	0.016250549
ENSG00000204392	0.026056781	0.026604944	0.030208574	0.020728388
ENSG00000133063	0.017556762	0.024541994	0.026790633	0.016225804
ENSG00000168763	0.036765888	0.035048157	0.035893121	0.038581228
ENSG00000129932	0.034447098	0.040145353	0.035505912	0.031140187
ENSG00000092036	0.037750803	0.033625122	0.032115221	0.027675204
ENSG00000181885	0.020269569	0.027320712	0.026120643	0.018811165
ENSG00000212900	0.014612987	0.024230519	0.023794275	0.014584181
ENSG00000154920	0.032160406	0.031607548	0.030203312	0.024655385
ENSG00000167311	0.016531398	0.025677226	0.025234855	0.01642643
ENSG00000110367	0.027868123	0.028363169	0.02971331	0.024735428
ENSG00000112539	0.017366654	0.024971266	0.025248143	0.015972815
ENSG00000073921	0.04032821	0.054468586	0.04303777	0.042674331

ENSG00000187867	0.015780416	0.02559628	0.024296812	0.015253132
ENSG00000110713	0.060471592	0.051598717	0.051254519	0.053156951
ENSG00000204138	0.025282413	0.032063364	0.030453912	0.02604204
ENSG00000164307	0.041482571	0.044505476	0.032651713	0.036018975
ENSG00000104549	0.02967016	0.035641676	0.030364945	0.024231651
ENSG00000177398	0.043889407	0.038019663	0.041477905	0.032720117
ENSG00000156374	0.033009936	0.04036168	0.039461107	0.03147529
ENSG00000152556	0.033847688	0.036099897	0.031028455	0.026904333
ENSG00000100644	0.042027682	0.049875882	0.047484101	0.06016154
ENSG00000104901	0.016389091	0.024912307	0.025674917	0.016215966
ENSG00000160606	0.028428689	0.03171273	0.030651868	0.024513393
ENSG00000196071	0.016081437	0.024511163	0.025759325	0.015538495
ENSG00000172667	0.025895923	0.028803148	0.031364531	0.022443144
ENSG00000008516	0.042597104	0.039524768	0.036949285	0.049791893
ENSG00000172459	0.015636541	0.024379	0.024911479	0.016458008
ENSG00000007080	0.026369423	0.029599639	0.027377908	0.023746988
ENSG00000148483	0.01306356	0.023532593	0.023527311	0.012981818
ENSG00000146618	0.015929539	0.024883434	0.025845057	0.016463346
ENSG00000100387	0.017872003	0.027276938	0.026154718	0.017132877
ENSG00000008083	0.051985164	0.048903442	0.043007895	0.051139331
ENSG00000143641	0.043916363	0.04724623	0.038897908	0.033604563
ENSG00000169129	0.103959551	0.072107332	0.053800143	0.093153993
ENSG00000166398	0.032399457	0.037378788	0.035240558	0.027345693
ENSG00000233827	0.015614643	0.025928246	0.024204588	0.015411442
ENSG000000091073	0.040772508	0.039156719	0.045505806	0.036701424
ENSG00000170500	0.016601326	0.024954763	0.025440531	0.015729139
ENSG00000115896	0.028753295	0.029668507	0.024660478	0.03991838
ENSG00000149346	0.040045182	0.038142365	0.033982207	0.038285111
ENSG00000145555	0.044880952	0.043303928	0.035245016	0.027168982
ENSG00000171208	0.045860307	0.040149611	0.035335407	0.041322261
ENSG00000143363	0.026458648	0.031389531	0.02989427	0.025696785
ENSG00000135451	0.051188778	0.036760784	0.042317047	0.037652464
ENSG00000144868	0.015727596	0.024882794	0.024638325	0.015481476
ENSG00000198961	0.022618544	0.028475516	0.028532371	0.022127398
ENSG00000143184	0.134400204	0.119828945	0.100873647	0.134757472
ENSG00000097096	0.024652323	0.029663071	0.028048066	0.027165495
ENSG00000017797	0.027081952	0.0332366	0.031171087	0.031147852
ENSG00000115317	0.029188434	0.030816571	0.034500319	0.033970668
ENSG00000240021	0.014938335	0.024709632	0.025155828	0.014452332
ENSG00000179542	0.01879064	0.025238014	0.025664965	0.017683523
ENSG00000071564	0.043958467	0.036403626	0.046439307	0.034435579
ENSG00000163060	0.019775171	0.02503598	0.025992344	0.034484636
ENSG00000204569	0.037941111	0.033333761	0.045574605	0.030949094
ENSG00000138660	0.034503126	0.037817135	0.036139938	0.035386055
ENSG00000177485	0.016412334	0.025493971	0.025416126	0.015098654
ENSG00000173588	0.034252941	0.046483875	0.038553761	0.02829328
ENSG00000176974	0.054908816	0.043117607	0.040614759	0.033136915
ENSG00000131944	0.024542789	0.027956187	0.028927166	0.021064283
ENSG00000168594	0.024144247	0.025530966	0.024976895	0.01602042
ENSG00000118412	0.036058621	0.040954144	0.035431106	0.032870692
ENSG00000177202	0.016781268	0.026353604	0.025468329	0.015833883
ENSG00000136881	0.015278175	0.024442135	0.025760909	0.014786173
ENSG00000167483	0.038821328	0.033610795	0.047946659	0.034053184
ENSG00000103168	0.015584254	0.02595113	0.025806109	0.017728826

ENSG00000213424	0.014529598	0.02481527	0.024985683	0.014908343
ENSG00000131914	0.016030523	0.024539819	0.024773365	0.015546361
ENSG00000179271	0.03182221	0.030266989	0.034999525	0.031408632
ENSG00000120500	0.018263027	0.025840787	0.025484081	0.017275245
ENSG00000094841	0.030997137	0.036270261	0.03236043	0.023401502
ENSG00000001629	0.025651581	0.032392413	0.02967637	0.02490417
ENSG00000140941	0.030398509	0.03971951	0.03811879	0.026820293
ENSG00000176605	0.01791848	0.026552046	0.025513637	0.015257458
ENSG00000047457	0.01641015	0.025133414	0.024521749	0.015944914
ENSG00000145414	0.030158101	0.038002588	0.038414841	0.041864662
ENSG00000112394	0.039868156	0.032844408	0.032353951	0.032671029
ENSG00000106066	0.019957208	0.024708996	0.025427026	0.016057073
ENSG00000188603	0.026875675	0.034952104	0.034832851	0.03173401
ENSG00000099399	0.023029289	0.024553049	0.027343023	0.021388906
ENSG00000121957	0.058846229	0.045692025	0.038273121	0.037367447
ENSG00000215421	0.01687796	0.025425412	0.02546964	0.016084935
ENSG00000171421	0.026083374	0.028388417	0.027552399	0.021582351
ENSG00000185664	0.034292296	0.03919379	0.029952492	0.021443222
ENSG00000148488	0.016698476	0.025051806	0.024516306	0.017031299
ENSG00000196396	0.027423497	0.029148431	0.030832246	0.020936719
ENSG00000090487	0.022309055	0.029094972	0.028584736	0.018269697
ENSG00000196850	0.033546733	0.031858612	0.033859347	0.037320513
ENSG00000157554	0.015851661	0.025254321	0.026658661	0.016552835
ENSG00000198814	0.049429846	0.044638968	0.039110896	0.043141391
ENSG00000198265	0.03014237	0.036874059	0.035933766	0.033382247
ENSG00000174307	0.047920054	0.043835961	0.036780645	0.039326154
ENSG00000171763	0.032098448	0.032745515	0.031925633	0.025670468
ENSG00000230657	0.015804075	0.024679376	0.024139189	0.014194365
ENSG00000179598	0.056615657	0.060699086	0.058970795	0.046728295
ENSG00000103067	0.023413057	0.03839737	0.041234829	0.02217709
ENSG00000205329	0.01840106	0.026794389	0.026049197	0.01720816
ENSG00000187653	0.013662781	0.023599381	0.024010119	0.013717197
ENSG00000146281	0.031558367	0.030794553	0.029965504	0.023481305
ENSG00000010704	0.016266984	0.026507089	0.02564474	0.016436091
ENSG00000141985	0.027351033	0.032893937	0.030689282	0.029144725
ENSG00000136040	0.028085982	0.032051192	0.033220679	0.032600449
ENSG00000171847	0.025104281	0.031437195	0.027007921	0.021578553
ENSG00000148908	0.034244531	0.034915549	0.034966717	0.030949811
ENSG00000172366	0.029695593	0.031528262	0.031750156	0.026683939
ENSG00000171444	0.035796915	0.035164689	0.031215821	0.027834557
ENSG00000184194	0.01467641	0.025019307	0.024504519	0.014450434
ENSG00000057935	0.039273581	0.037533118	0.032704435	0.026920916
ENSG00000150627	0.041119599	0.033889014	0.028075799	0.019734269
ENSG00000108559	0.032292477	0.033626872	0.031009046	0.02286038
ENSG00000124257	0.050671825	0.051358483	0.040538416	0.040711241
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ENSG00000244414	0.014851213	0.024837162	0.024848774	0.014733584
ENSG00000110887	0.014686659	0.024158982	0.024462861	0.015181327
ENSG00000124693	0.063743111	0.04699643	0.051623796	0.062891919
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ENSG00000067221	0.037248681	0.038481861	0.03603854	0.036610889
ENSG00000167825	0.015598192	0.024676542	0.025284531	0.016427677
ENSG00000185122	0.018458068	0.028026801	0.033509976	0.024190657

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ENSG00000177830	0.034069487	0.033640279	0.03192419	0.02909418
ENSG00000050344	0.048489614	0.038247585	0.033684968	0.040202215
ENSG00000171004	0.015639844	0.025213124	0.024231854	0.015976292
ENSG00000166037	0.033682122	0.032976971	0.029564711	0.023611049
ENSG00000049246	0.096383654	0.081332782	0.08118285	0.077100464
ENSG00000117593	0.040210621	0.041807388	0.0315829	0.029203932
ENSG00000023228	0.029480357	0.035850756	0.030057694	0.034360115
ENSG00000175489	0.017284552	0.026667023	0.024819492	0.016144109
ENSG00000067992	0.038744474	0.039037984	0.039191877	0.028681208
ENSG00000110422	0.022585015	0.027212799	0.032303944	0.01829717
ENSG00000105928	0.035659935	0.057005248	0.060624717	0.058200733
ENSG00000143845	0.014542643	0.024443872	0.024171396	0.014790558
ENSG00000064393	0.036173607	0.038732374	0.039096152	0.035575746
ENSG00000102854	0.025034917	0.025393599	0.030395863	0.021901276
ENSG00000137177	0.019667964	0.024777164	0.025226309	0.015827097
ENSG00000205174	0.013245672	0.023941474	0.024113843	0.013405844
ENSG00000136653	0.026000052	0.02820842	0.028857693	0.022968741
ENSG00000213689	0.031761514	0.034748954	0.031591337	0.025463078
ENSG00000137216	0.030404813	0.03271804	0.033136627	0.029831603
ENSG00000154146	0.082814196	0.059493046	0.062452721	0.061251221
ENSG00000183347	0.020336903	0.030261245	0.024747761	0.026006185
ENSG00000105519	0.018049877	0.027270752	0.026411644	0.017932515
ENSG00000112242	0.030010312	0.035939079	0.034770535	0.026844985
ENSG00000150054	0.014467695	0.026077305	0.024833477	0.016163793
ENSG00000113300	0.032918607	0.034839394	0.034647332	0.029079393
ENSG00000153147	0.02523303	0.032256855	0.028229897	0.023186594
ENSG00000120341	0.023705682	0.026146685	0.025507752	0.015653752
ENSG00000087191	0.023589915	0.029194884	0.027357387	0.022016461
ENSG00000136754	0.031419521	0.04041061	0.032360916	0.071669455
ENSG00000179335	0.031958541	0.044119749	0.042335536	0.032270774
ENSG00000198839	0.02497531	0.03110766	0.030256542	0.025084154
ENSG00000116783	0.018868252	0.024277749	0.026112823	0.014605399
ENSG00000176293	0.021637656	0.027325327	0.024983918	0.019087659
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ENSG00000181904	0.037543376	0.035807885	0.038258757	0.036094536
ENSG00000101246	0.029102263	0.03248196	0.029801529	0.027954608
ENSG00000160801	0.019433083	0.027029002	0.026736843	0.046033319
ENSG00000128346	0.016576221	0.025352765	0.024190145	0.016387777
ENSG00000084070	0.025076375	0.029297871	0.03133735	0.023580622
ENSG00000134640	0.015545323	0.025454641	0.025211766	0.015578828
ENSG00000175591	0.016186795	0.024722268	0.024638437	0.014331472
ENSG00000083814	0.027360064	0.03266856	0.033442314	0.023183542
ENSG00000147380	0.017071335	0.025088167	0.026206867	0.016933327
ENSG00000166887	0.021646853	0.028325461	0.031427527	0.020154336
ENSG00000111581	0.032854318	0.03542507	0.032362521	0.024893932
ENSG00000105613	0.018006089	0.026404049	0.02740831	0.018810504
ENSG00000172139	0.01621381	0.026610759	0.025576102	0.017023149
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ENSG00000152154	0.016765441	0.025033432	0.024806897	0.018316603
ENSG00000130311	0.022678223	0.03133812	0.037214425	0.027312115
ENSG00000117650	0.04976788	0.045239682	0.038420836	0.036322942
ENSG00000197977	0.015177775	0.02500461	0.024347459	0.015842445
ENSG00000057019	0.061285086	0.046725791	0.040568975	0.042316678

ENSG00000130203	0.020410299	0.026201823	0.024965613	0.016633345
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ENSG00000197723	0.015158607	0.024877581	0.024873059	0.014832754
ENSG00000166145	0.047265133	0.047582591	0.046076346	0.046932288
ENSG00000082293	0.030721809	0.034794036	0.029650544	0.02606289
ENSG00000127054	0.027092233	0.027696976	0.029144972	0.022153565
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ENSG00000205755	0.018015523	0.025633258	0.024570787	0.014719774
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ENSG00000119414	0.021030539	0.029635288	0.029625314	0.018723547
ENSG00000130707	0.104445412	0.083850712	0.073430245	0.08077936
ENSG00000158164	0.03903779	0.033645815	0.029581351	0.022628109
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ENSG00000170807	0.013371648	0.023799761	0.023895825	0.012856848
ENSG00000123933	0.051156812	0.051366842	0.052477194	0.049267263
ENSG00000151849	0.03442357	0.033740221	0.032247604	0.025533682
ENSG00000183044	0.02036964	0.026157486	0.025737097	0.019122693
ENSG00000223865	0.022257229	0.033164124	0.03064108	0.028905603
ENSG00000154252	0.016931284	0.025783061	0.025415136	0.016552958
ENSG00000082482	0.016353289	0.025690115	0.02643564	0.017129331
ENSG00000163701	0.018220136	0.025613481	0.025252858	0.01639502
ENSG00000122042	0.026909136	0.037388454	0.034686597	0.030857118
ENSG00000183638	0.016291246	0.025290688	0.024673075	0.015517208
ENSG00000122194	0.042151726	0.026598598	0.029536371	0.023742074
ENSG00000175455	0.032895662	0.03444668	0.033272486	0.02419876
ENSG00000075651	0.104196301	0.074753925	0.066639962	0.088529155
ENSG00000136114	0.02480063	0.031893337	0.031590082	0.019227826
ENSG00000123892	0.086052768	0.076040446	0.075783217	0.094571198
ENSG00000182224	0.037580326	0.040083616	0.040372184	0.031817532
ENSG00000127995	0.034979507	0.039843159	0.034619757	0.037444504
ENSG00000100744	0.038959779	0.044973056	0.040971387	0.044106303
ENSG00000243989	0.030034323	0.034852667	0.034653914	0.031461445
ENSG00000145945	0.042343919	0.042520287	0.040901052	0.033186255
ENSG00000162572	0.028231728	0.038888949	0.030420837	0.031504822
ENSG00000074527	0.016093224	0.024401076	0.024511212	0.016111028
ENSG00000181368	0.062175021	0.054754264	0.049987331	0.055382189
ENSG00000162641	0.014882551	0.025186622	0.02536555	0.015338248
ENSG00000103264	0.025874409	0.029807879	0.034255943	0.023554197
ENSG00000196517	0.015176427	0.025183184	0.025140242	0.014384314
ENSG00000171914	0.074779561	0.031733637	0.025460767	0.023313937
ENSG00000120727	0.026662237	0.032796842	0.028172714	0.022966645
ENSG00000020129	0.026900446	0.032200169	0.037168987	0.032137308
ENSG00000065371	0.016717995	0.025304991	0.025417213	0.015613388
ENSG00000174370	0.015939913	0.026082403	0.025991136	0.015587031
ENSG00000151498	0.033880239	0.034770907	0.032428874	0.027201337
ENSG00000166359	0.015454124	0.02498491	0.025241502	0.013910649
ENSG00000105246	0.053447553	0.0373408	0.042941581	0.048610388
ENSG00000155097	0.033712758	0.040686738	0.038983627	0.028747623
ENSG00000157349	0.025806319	0.030439091	0.032798828	0.019989706
ENSG00000100554	0.03035107	0.034792934	0.031317899	0.021880433

ENSG00000197134	0.032820383	0.036166041	0.032905435	0.024942582
ENSG00000109016	0.025658242	0.029891466	0.028618961	0.022974099
ENSG00000125388	0.017040551	0.025473357	0.024893189	0.018201932
ENSG00000141627	0.025391241	0.029727443	0.028276188	0.021997606
ENSG00000204290	0.01536777	0.02488539	0.024809426	0.014908015
ENSG00000132932	0.015204908	0.025171504	0.024866576	0.015435772
ENSG00000198574	0.018433241	0.028100327	0.027355872	0.017485043
ENSG00000186407	0.016092594	0.025401767	0.024982605	0.015026589
ENSG00000055147	0.021163799	0.034217896	0.030467832	0.018451423
ENSG00000173281	0.02742695	0.035132875	0.033389384	0.02729663
ENSG00000204520	0.040061443	0.050582957	0.042574309	0.03525455
ENSG00000175279	0.035151815	0.035486681	0.03155821	0.029515836
ENSG00000170748	0.016626421	0.025303532	0.024186092	0.014923159
ENSG00000150201	0.015089287	0.024711339	0.024695988	0.014637375
ENSG00000103591	0.019585762	0.026409559	0.028641957	0.017030733
ENSG00000129910	0.021554792	0.027193639	0.027349107	0.023348104
ENSG00000122711	0.017412942	0.025613624	0.025163503	0.015066576
ENSG00000154678	0.01976766	0.027655856	0.02469219	0.019825565
ENSG00000235987	0.019019351	0.046747808	0.045831507	0.035136049
ENSG00000206172	0.025127864	0.024643799	0.024404912	0.051776769
ENSG00000178084	0.015871937	0.02503614	0.024558184	0.015373958
ENSG00000170923	0.012899691	0.02344604	0.024076084	0.013561976
ENSG00000075290	0.015151523	0.025154076	0.025371329	0.013821588
ENSG00000075388	0.016966708	0.026478974	0.025885915	0.017344026
ENSG00000082929	0.020923139	0.026912207	0.027825131	0.017080771
ENSG00000162618	0.013858699	0.023618772	0.023523243	0.013438397
ENSG00000099282	0.026587022	0.029581578	0.027892096	0.027040355
ENSG00000110200	0.030956165	0.02921791	0.031218625	0.030458011
ENSG00000111530	0.031910247	0.037922576	0.031627486	0.026734871
ENSG00000178234	0.061419486	0.042705495	0.04476039	0.043424639
ENSG00000169213	0.019989704	0.025866148	0.024922451	0.0256996
ENSG00000175352	0.014098185	0.025105517	0.025072827	0.01388615
ENSG00000149596	0.015742082	0.024607949	0.024562613	0.014320935
ENSG00000121764	0.0162749	0.024635156	0.026303486	0.014977735
ENSG00000143553	0.027573642	0.032281601	0.029307545	0.027016634
ENSG00000107938	0.055764016	0.058687761	0.043378497	0.040699327
ENSG00000092929	0.030141063	0.034360828	0.038138718	0.028433687
ENSG00000151092	0.034678093	0.035309904	0.034597954	0.028546305
ENSG00000171408	0.017873507	0.026564626	0.026386	0.016743491
ENSG00000213185	0.047190521	0.041508107	0.037277589	0.033392069
ENSG00000124939	0.016285651	0.024920907	0.024747148	0.015236561
ENSG00000146383	0.01584404	0.025215996	0.024823644	0.017663149
ENSG00000197561	0.02287833	0.02757511	0.029394354	0.019357839
ENSG00000140543	0.020879515	0.026372399	0.02956145	0.019312999
ENSG00000140563	0.11790507	0.076782258	0.078091667	0.088576241
ENSG00000138061	0.099480908	0.110522667	0.078132653	0.084726091
ENSG00000182931	0.01680459	0.024308268	0.024830903	0.015131592
ENSG00000222028	0.016730884	0.02558808	0.026637165	0.016452105
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ENSG00000131100	0.023576467	0.028674176	0.033504715	0.023847617
ENSG00000181785	0.016117172	0.026323893	0.024803031	0.014416659
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ENSG00000038219	0.019088495	0.025568824	0.026638595	0.017564319
ENSG00000187193	0.074673917	0.078144563	0.083052622	0.078574806

ENSG00000085760	0.02639982	0.030750338	0.027237289	0.02431613
ENSG00000112799	0.039577291	0.037515506	0.040703569	0.043219806
ENSG00000099194	0.027083446	0.027494157	0.02595263	0.022093861
ENSG00000198342	0.027161469	0.031674847	0.02803677	0.021955142
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ENSG00000085415	0.033192457	0.034679068	0.033161912	0.027165218
ENSG00000151835	0.043930225	0.043441495	0.037300006	0.049267217
ENSG00000188976	0.030499139	0.031185954	0.031340754	0.024984356
ENSG00000158445	0.015866019	0.025360616	0.025779448	0.015212373
ENSG00000179134	0.024115926	0.030088049	0.037337407	0.026737407
ENSG00000168806	0.035041106	0.04010981	0.039336689	0.033888016
ENSG00000175087	0.035484507	0.037094787	0.037783232	0.036207116
ENSG00000157617	0.03965104	0.033641882	0.033957155	0.033878313
ENSG00000121742	0.01644616	0.026307535	0.024753873	0.015079965
ENSG00000197932	0.024933572	0.028734784	0.030438874	0.021976776
ENSG00000104341	0.144942491	0.09915858	0.09650415	0.105910368
ENSG00000105325	0.022895241	0.027864964	0.027547736	0.019562546
ENSG00000060762	0.031129402	0.039625349	0.032794413	0.035149617
ENSG00000115297	0.017367927	0.024955457	0.025354928	0.015845845
ENSG00000140577	0.028848614	0.031278775	0.037522346	0.025691249
ENSG00000157613	0.043591114	0.040119936	0.029863537	0.033713924
ENSG00000185963	0.014839982	0.026131192	0.024655804	0.016256329
ENSG00000160654	0.015238823	0.025472526	0.02494804	0.01481941
ENSG00000065491	0.020724213	0.031117048	0.030994515	0.024241578
ENSG00000180855	0.043982262	0.038650356	0.046351387	0.033382024
ENSG00000038002	0.049544214	0.042811697	0.039053308	0.030474536
ENSG00000133895	0.015505045	0.025687307	0.025138038	0.01530802
ENSG00000104763	0.015487116	0.026050081	0.024791567	0.01578467
ENSG00000116221	0.025693821	0.030262869	0.030540281	0.018846377
ENSG00000152413	0.060912234	0.056167787	0.052994893	0.048420101
ENSG00000082701	0.024185508	0.029320406	0.034679507	0.024567123
ENSG00000000457	0.021280124	0.026781681	0.025458215	0.020888247
ENSG00000087258	0.016429595	0.024779598	0.024374814	0.014798816
ENSG00000186523	0.02513179	0.029787408	0.0288434	0.023011924
ENSG00000148541	0.015841488	0.025950886	0.024738774	0.016495749
ENSG00000155975	0.031795577	0.038657705	0.032099058	0.044200794
ENSG00000123485	0.05137989	0.039020357	0.040490177	0.038896092
ENSG00000109184	0.037969234	0.03694994	0.033532458	0.033664357
ENSG00000077809	0.035057477	0.037308439	0.03254752	0.024349083
ENSG00000155893	0.021408459	0.02928617	0.027156106	0.02211257
ENSG00000196476	0.017302594	0.025144975	0.024837962	0.016176912
ENSG00000188868	0.019029488	0.026525077	0.024675428	0.017871563
ENSG00000166126	0.01626539	0.025122445	0.024728196	0.014991632
ENSG00000092964	0.050701261	0.073101185	0.058560708	0.06010773
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ENSG00000159346	0.021212249	0.028233713	0.028425548	0.019750597
ENSG00000146083	0.025115995	0.028348584	0.031015595	0.026160592
ENSG00000167702	0.03526414	0.038237438	0.039744992	0.035444864
ENSG00000165283	0.028568129	0.033171683	0.029939649	0.022431793
ENSG00000105993	0.032752115	0.045875942	0.035268814	0.03363995
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ENSG00000026950	0.044141218	0.037310664	0.035823378	0.037046626

ENSG00000165288	0.033634327	0.036085718	0.031675279	0.032872849
ENSG00000162437	0.053586897	0.040438752	0.024714714	0.015648915
ENSG00000175806	0.046596457	0.037167765	0.037118178	0.03812944
ENSG00000132792	0.02532567	0.029300974	0.028580208	0.024650654
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ENSG00000221944	0.027784674	0.032061183	0.030176419	0.021171635
ENSG00000064703	0.039287416	0.044718229	0.046737937	0.046055037
ENSG00000111199	0.015177925	0.025323464	0.025174113	0.014301141
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ENSG00000166199	0.026641133	0.032227121	0.035033858	0.023635825
ENSG00000167770	0.026049967	0.030950686	0.039074422	0.031176509
ENSG00000130725	0.023158238	0.026640886	0.030008655	0.024092002
ENSG00000166946	0.022645617	0.034630094	0.030377323	0.027665741
ENSG00000198642	0.038067088	0.038823574	0.036501108	0.030787173
ENSG00000187583	0.016389619	0.027585435	0.026580059	0.019635719
ENSG00000100297	0.033645321	0.031013396	0.036977652	0.033092265
ENSG00000156239	0.034081858	0.035708431	0.031982865	0.024058633
ENSG00000135372	0.027775156	0.03452657	0.030494879	0.023433756
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ENSG00000117395	0.027076746	0.031893119	0.028793721	0.028238443
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ENSG00000137106	0.035286665	0.034950275	0.035551074	0.034171396
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ENSG00000042813	0.018328125	0.024949437	0.025314378	0.016467829
ENSG00000166171	0.036025781	0.038914108	0.034676913	0.029836177
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ENSG00000189013	0.014867796	0.023608636	0.025417329	0.015413273
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ENSG00000177047	0.016556242	0.027148932	0.025392062	0.015030185
ENSG00000176907	0.015944319	0.024564275	0.025457903	0.016634517
ENSG00000186117	0.017349548	0.027405699	0.024548542	0.016875638
ENSG00000196387	0.031437695	0.041060951	0.045164428	0.034189253
ENSG00000101977	0.017200697	0.025653428	0.025483423	0.018434162
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ENSG00000103522	0.027470463	0.029985433	0.027616394	0.018452422
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ENSG00000140557	0.020589618	0.024695716	0.026229632	0.02034394
ENSG00000127364	0.015417212	0.024978888	0.025058486	0.014343474
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ENSG00000186335	0.015449108	0.024921558	0.027124398	0.015545532
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ENSG00000143627	0.015750849	0.025077495	0.02520277	0.014892526
ENSG00000136718	0.025854599	0.029942913	0.028834379	0.021590563
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ENSG00000146267	0.015732005	0.026423428	0.025308167	0.014891923
ENSG00000079308	0.017075922	0.024928362	0.0249751	0.018828652
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ENSG00000205038	0.057250115	0.079530561	0.068095198	0.059600832
ENSG00000118434	0.015220483	0.024740691	0.024687964	0.015574502
ENSG00000176366	0.038715199	0.042950199	0.033634624	0.032798672
ENSG00000183475	0.019655744	0.027437548	0.027125718	0.01962227
ENSG00000120903	0.016490664	0.025397195	0.025041807	0.017257898
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ENSG00000213096	0.038313139	0.038828676	0.032307349	0.031146132
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ENSG00000149262	0.03817758	0.050452858	0.035070288	0.038941986
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ENSG00000047365	0.026074537	0.02943185	0.030047999	0.027521776
ENSG00000148672	0.023264322	0.030437825	0.030839373	0.021397134
ENSG00000104388	0.027267527	0.031736688	0.035073479	0.02624582
ENSG00000169439	0.017598398	0.025987915	0.025765493	0.016132561
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ENSG00000145217	0.014976857	0.02559895	0.024687637	0.016006931
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ENSG00000139370	0.028801815	0.032161829	0.035553683	0.031851718
ENSG00000253873	0.02134135	0.026410593	0.027104797	0.018575858
ENSG00000196505	0.028937924	0.034063638	0.031012736	0.025196867
ENSG00000158113	0.018436804	0.027233154	0.025605672	0.017860115
ENSG00000186470	0.061167303	0.045461359	0.055306416	0.037434524
ENSG00000122644	0.061227796	0.062460881	0.061332386	0.048785221
ENSG00000162552	0.024329401	0.032846123	0.027717859	0.031066245
ENSG00000136527	0.029812391	0.033156961	0.035657488	0.031521044

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ENSG00000196787	0.01644766	0.025557193	0.025709323	0.016239865
ENSG00000149968	0.016145193	0.024969054	0.024644673	0.015683399
ENSG00000163157	0.015699946	0.025333883	0.026044678	0.016273599
ENSG00000174990	0.016139371	0.025723779	0.025226688	0.017859871
ENSG00000155530	0.01629544	0.025292211	0.025098481	0.01501614
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ENSG00000143125	0.015037339	0.025445297	0.024788726	0.014875725
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ENSG00000177462	0.014425452	0.024401602	0.024633124	0.014443155
ENSG00000213445	0.015118771	0.02549322	0.02561742	0.016823449
ENSG00000111269	0.030038872	0.037411236	0.033415934	0.032938431
ENSG00000104177	0.016772201	0.026293522	0.025975874	0.016634382
ENSG00000172985	0.015692415	0.025672479	0.025038575	0.015201252
ENSG00000126368	0.020906918	0.029028668	0.030410777	0.025265707
ENSG00000185928	0.047538815	0.044129787	0.033473893	0.031259163
ENSG00000145088	0.061192802	0.044771487	0.047237271	0.035839665
ENSG00000103018	0.024084858	0.029299268	0.029324167	0.024271688
ENSG00000181965	0.01579432	0.025448109	0.025100937	0.015366441
ENSG00000172869	0.033582319	0.043496206	0.033123219	0.036778563
ENSG00000140025	0.015572244	0.026126882	0.025167954	0.014739378
ENSG00000110660	0.032571383	0.034785596	0.038179049	0.028165982
ENSG00000100109	0.02818225	0.037195936	0.038956779	0.025585118
ENSG00000198758	0.016123414	0.026573494	0.025162424	0.014966119
ENSG00000178980	0.030897987	0.035032642	0.03466678	0.02617313
ENSG00000091536	0.017453466	0.025837025	0.025575089	0.015901679
ENSG00000134759	0.02603553	0.028873008	0.028277396	0.025290273
ENSG00000100365	0.066640488	0.055380756	0.053698687	0.057744881
ENSG00000145029	0.015841912	0.024241175	0.024588948	0.015293321
ENSG00000100097	0.037212278	0.032634405	0.034186286	0.036723685
ENSG00000157456	0.037774539	0.033108411	0.033359245	0.027014094
ENSG00000062650	0.023990073	0.031256651	0.031970756	0.023027995
ENSG00000184840	0.030377766	0.032282244	0.037958595	0.030253159
ENSG00000177076	0.017248967	0.025454552	0.026956093	0.015327361
ENSG00000167670	0.037098281	0.0412147	0.036569085	0.028341309
ENSG00000129657	0.032038896	0.036047457	0.040457007	0.031056624
ENSG00000116663	0.036632085	0.041183466	0.041551467	0.035643956
ENSG00000132466	0.026468609	0.036285782	0.030115246	0.027006697
ENSG00000142619	0.019103131	0.028872812	0.027894758	0.017454724
ENSG00000171401	0.017390336	0.02617186	0.02434574	0.015069543
ENSG00000107551	0.041427674	0.042198428	0.042323316	0.04331706
ENSG00000103415	0.016643134	0.026099542	0.02528744	0.015714669
ENSG00000090924	0.026734055	0.031726802	0.037883941	0.030818896
ENSG00000101972	0.028358932	0.035537552	0.030443057	0.027615535
ENSG00000139648	0.015475388	0.025035936	0.024526063	0.015284463
ENSG00000152463	0.032902733	0.033567163	0.03477685	0.02924344

ENSG00000159199	0.028966189	0.030524078	0.029864687	0.023208039
ENSG00000138081	0.031159341	0.036479923	0.032535123	0.027835419
ENSG00000158486	0.01640535	0.024610864	0.025218682	0.016128012
ENSG00000101096	0.015611038	0.025131219	0.024760033	0.014687053
ENSG00000107643	0.021028635	0.02720609	0.032167211	0.020773363
ENSG00000196420	0.015304318	0.026627352	0.026797757	0.017323779
ENSG00000196911	0.031993928	0.034545612	0.046503673	0.036202678
ENSG00000168484	0.017173309	0.025077185	0.024850705	0.015995491
ENSG00000110344	0.024856146	0.031329979	0.028953756	0.017674034
ENSG00000187170	0.042533138	0.028383691	0.026371916	0.02511108
ENSG00000105127	0.033527397	0.039442596	0.042682685	0.032281776
ENSG00000050426	0.02559958	0.028297312	0.029460672	0.026023178
ENSG00000183010	0.035042535	0.035260736	0.040185199	0.036939369
ENSG00000138684	0.017423305	0.025041881	0.026748792	0.015651626
ENSG00000196616	0.014501444	0.024741887	0.024497736	0.01389029
ENSG00000172322	0.014975005	0.025055919	0.024214709	0.014589334
ENSG00000196131	0.01485094	0.025976639	0.024404161	0.016746098
ENSG00000117069	0.01686376	0.026622656	0.025085371	0.015530519
ENSG00000120729	0.020985194	0.027838865	0.029313441	0.018117996
ENSG00000221988	0.015562118	0.026434331	0.024264603	0.015822388
ENSG00000134146	0.027085241	0.032577454	0.031104378	0.022308503
ENSG00000221900	0.018131663	0.025055874	0.025126175	0.016775722
ENSG00000126953	0.034162519	0.034473033	0.034183476	0.032633357
ENSG00000011590	0.059319557	0.04063662	0.042287981	0.048510679
ENSG00000143228	0.035355243	0.031688655	0.031825675	0.028502876
ENSG00000130770	0.053770106	0.040235938	0.045268733	0.049545901
ENSG00000187559	0.015320224	0.024818814	0.024487335	0.015060179
ENSG00000172236	0.030356382	0.027911154	0.025322221	0.016458767
ENSG00000171033	0.020799139	0.027385168	0.027225414	0.018300582
ENSG00000135940	0.019808769	0.026914538	0.027079735	0.016942734
ENSG00000179476	0.030012638	0.032922795	0.031513323	0.026792535
ENSG00000118733	0.020130807	0.025131481	0.024420656	0.01553004
ENSG00000108375	0.073375181	0.063526338	0.057567986	0.064037406
ENSG00000152223	0.044976395	0.043691079	0.040308189	0.033209637
ENSG00000103154	0.016444335	0.026452222	0.025193724	0.016426307
ENSG00000171505	0.018730321	0.026304715	0.025712991	0.017950527
ENSG00000044446	0.032113904	0.038640843	0.037385733	0.026510034
ENSG00000141570	0.016722502	0.027586897	0.025425985	0.015990842
ENSG00000089012	0.048529134	0.04886807	0.02543708	0.030761582
ENSG00000063515	0.01634389	0.025891168	0.024406685	0.01670626
ENSG00000214681	0.013478339	0.023637243	0.023699304	0.014368353
ENSG00000138346	0.049499341	0.049495953	0.038539465	0.038621921
ENSG00000134297	0.035483777	0.04597964	0.036186298	0.03053045
ENSG00000113070	0.029319587	0.041276393	0.044461242	0.036478231
ENSG00000133247	0.042287514	0.039101999	0.035017838	0.036225552
ENSG00000138463	0.034593734	0.034584814	0.032214396	0.02661456
ENSG00000012174	0.021011945	0.030437117	0.029527423	0.018484284
ENSG00000100092	0.026480107	0.03223778	0.030960493	0.02805188
ENSG00000112941	0.043123632	0.045413255	0.04009763	0.032314063
ENSG00000145757	0.015332896	0.024637881	0.02489159	0.014044877
ENSG00000087206	0.024209214	0.03206834	0.030571689	0.022677902
ENSG00000102871	0.028113101	0.054343138	0.037833907	0.040417327
ENSG00000110074	0.034387598	0.033604024	0.028343711	0.027919847
ENSG00000120800	0.044250841	0.035668229	0.033520513	0.034623077

ENSG00000136213	0.060067034	0.047803616	0.047003092	0.049940174
ENSG00000154229	0.016248553	0.025018082	0.024587878	0.015467378
ENSG00000187630	0.035402617	0.039842041	0.039233046	0.044625651
ENSG00000186439	0.018676128	0.025340834	0.028104344	0.015502935
ENSG00000108702	0.106054303	0.051818228	0.087048159	0.032293036
ENSG00000127515	0.015437918	0.024349193	0.024880633	0.014771995
ENSG00000115085	0.044157009	0.037522742	0.03670002	0.057430072
ENSG00000162631	0.0170356	0.025568455	0.025402216	0.017279422
ENSG00000167842	0.032111348	0.037575481	0.039946664	0.030941699
ENSG00000154035	0.017170002	0.025941143	0.025716021	0.016509205
ENSG00000109911	0.04081963	0.03866057	0.034470517	0.029297141
ENSG00000197629	0.099324391	0.09634083	0.075764432	0.100634465
ENSG00000198483	0.017439439	0.026706884	0.027431349	0.015266438
ENSG00000095777	0.015046183	0.024585218	0.024234815	0.015400823
ENSG00000139974	0.031620904	0.037634716	0.029873905	0.025171576
ENSG00000128915	0.028892094	0.037877485	0.02995461	0.023574855
ENSG00000154099	0.015651145	0.024755109	0.024514879	0.014307371
ENSG00000130558	0.017239141	0.025371075	0.025423057	0.014998332
ENSG00000253731	0.01623771	0.0254693	0.024766718	0.015695099
ENSG00000147419	0.028787304	0.032459591	0.032230439	0.020981443
ENSG00000179151	0.021185147	0.028331928	0.030658763	0.01965187
ENSG00000188191	0.018897325	0.026470359	0.031607527	0.020066397
ENSG00000117586	0.0872805	0.063607118	0.068219923	0.081511516
ENSG00000165555	0.015203156	0.024498851	0.024805805	0.016069313
ENSG00000177174	0.014802902	0.025773764	0.024509198	0.014852406
ENSG00000183729	0.015540025	0.024866336	0.025254227	0.014751696
ENSG00000178460	0.01419993	0.025507314	0.024819489	0.014898945
ENSG00000157985	0.056848781	0.039173588	0.038082533	0.038900698
ENSG00000170545	0.032387295	0.030986212	0.038158897	0.033342991
ENSG00000067182	0.065658755	0.048356601	0.042316303	0.059858819
ENSG00000235173	0.036879807	0.035687296	0.032152599	0.035835284
ENSG00000170364	0.033536815	0.034467678	0.041980054	0.044239579
ENSG00000180999	0.014442104	0.02561879	0.025251314	0.015037918
ENSG00000139641	0.031784403	0.035751693	0.029683274	0.027118512
ENSG00000143772	0.070942709	0.052597061	0.050831976	0.050272321
ENSG00000089847	0.063265245	0.047847393	0.036454358	0.049272458
ENSG00000159189	0.016931031	0.025055323	0.024398525	0.015415019
ENSG00000103353	0.025950304	0.03236545	0.029650224	0.024119486
ENSG00000186185	0.023908162	0.026294848	0.026967153	0.018170571
ENSG00000186265	0.054099922	0.05091084	0.037567505	0.041218332
ENSG00000103479	0.028826834	0.038221115	0.033500817	0.027671092
ENSG00000101343	0.035033576	0.030930473	0.02946408	0.023839767
ENSG00000116194	0.017042726	0.025229676	0.025178183	0.017838519
ENSG00000185973	0.020765955	0.028459552	0.025500281	0.021142494
ENSG00000185104	0.038954894	0.041794961	0.038400224	0.0355598
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ENSG00000196083	0.01681609	0.026353268	0.025155586	0.016802167
ENSG00000125457	0.026660864	0.033596943	0.031510996	0.023010578
ENSG00000135315	0.020057267	0.031416655	0.027790865	0.019504427
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ENSG00000178301	0.027024166	0.030919455	0.02818318	0.02367248
ENSG00000169035	0.015172018	0.025038275	0.024119517	0.014855371
ENSG00000187054	0.018805361	0.026072834	0.026613066	0.016473003
ENSG00000136144	0.021767663	0.033485962	0.030949479	0.020455311

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ENSG00000111331	0.075619284	0.050913206	0.045361021	0.047136705
ENSG00000107447	0.019280755	0.028078444	0.028027612	0.049082047
ENSG00000168300	0.04578383	0.044102879	0.036410759	0.036683777
ENSG00000182890	0.030747174	0.03913026	0.033227736	0.027929562
ENSG00000137707	0.014889439	0.026528687	0.025001331	0.015920094
ENSG00000124593	0.022338667	0.027042003	0.028290887	0.024810891
ENSG00000151806	0.04381603	0.047631581	0.035513934	0.041537792
ENSG00000037749	0.02920162	0.03551619	0.036506497	0.02334684
ENSG00000175104	0.017376188	0.025884076	0.025479481	0.016771619
ENSG00000100504	0.087544898	0.081451382	0.052597452	0.066873904
ENSG00000134910	0.037649601	0.037567203	0.037256243	0.03406784
ENSG00000241476	0.024720315	0.024482742	0.024699323	0.015360466
ENSG00000100483	0.031192231	0.038175795	0.04081727	0.033516898
ENSG00000182809	0.021355754	0.032068098	0.027158915	0.040697311
ENSG00000127337	0.029258507	0.031801546	0.030463578	0.034427624
ENSG00000182180	0.027615795	0.029358821	0.027536564	0.02324426
ENSG00000106608	0.029288894	0.03121801	0.039129454	0.022984952
ENSG00000004139	0.036227104	0.037565203	0.034069219	0.030164787
ENSG00000163932	0.026409082	0.03303654	0.034586706	0.021571018
ENSG00000143578	0.037806664	0.03880253	0.030803598	0.029834837
ENSG00000135045	0.041552972	0.047875289	0.039449147	0.031672249
ENSG00000087586	0.044057133	0.035474459	0.034840532	0.031833148
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ENSG00000154080	0.014996618	0.024658879	0.02396722	0.014848525
ENSG00000142208	0.027280668	0.031591894	0.033987597	0.026423455
ENSG00000145979	0.032978054	0.035481779	0.031369118	0.028035411
ENSG00000114062	0.018113057	0.024821924	0.025570446	0.019649576
ENSG00000133961	0.029646126	0.032674612	0.033414984	0.021092287
ENSG00000173013	0.024458774	0.030550432	0.030304896	0.021863989
ENSG00000146872	0.025197171	0.033298504	0.031990107	0.024715573
ENSG00000159228	0.035484542	0.030108852	0.02872675	0.033871064
ENSG00000134352	0.022611492	0.027414892	0.028033335	0.020231037
ENSG00000127948	0.026088543	0.033201961	0.03678798	0.028836198
ENSG00000175894	0.018648708	0.026247633	0.025488317	0.019059833
ENSG00000021461	0.016026479	0.025530049	0.02495045	0.015843409
ENSG00000177733	0.026567385	0.031913943	0.036265456	0.031047766
ENSG00000162585	0.019526708	0.025819084	0.026105179	0.020667737
ENSG00000198785	0.015700324	0.025379637	0.02442461	0.01511563
ENSG00000149922	0.015326557	0.02481068	0.024477956	0.017236283
ENSG00000175229	0.016998826	0.025729289	0.025171748	0.015376066
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ENSG00000164651	0.016751156	0.0258233	0.024485827	0.014913188
ENSG00000106367	0.030757737	0.036196104	0.034849854	0.037463969
ENSG00000149380	0.015688956	0.024766517	0.025153645	0.014312116
ENSG00000125863	0.031480731	0.035458287	0.030960023	0.023452723
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ENSG00000141867	0.021913407	0.034603258	0.029116681	0.023783212
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ENSG00000198270	0.037723288	0.04090227	0.036974876	0.033294532
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ENSG00000104972	0.042651707	0.044572293	0.0373103	0.03817703

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ENSG00000166396	0.020898042	0.025788454	0.025025527	0.016108054
ENSG00000176194	0.016742668	0.026240694	0.025503694	0.015777933
ENSG00000144619	0.01631425	0.024562538	0.025372397	0.015215339
ENSG00000181896	0.032098762	0.039011552	0.042983372	0.02969687
ENSG00000168427	0.015329114	0.024961333	0.024141197	0.015072359
ENSG00000059588	0.036870379	0.037604275	0.040136896	0.0316823
ENSG00000236287	0.030031916	0.03470767	0.030302546	0.023432911
ENSG00000122482	0.016722586	0.024473974	0.024981731	0.016448443
ENSG00000168556	0.038596347	0.034361729	0.033010898	0.024679164
ENSG00000203705	0.027378507	0.033401808	0.035883607	0.041692033
ENSG00000189306	0.04978002	0.039569163	0.039139343	0.041637908
ENSG00000166997	0.029792293	0.034682283	0.027983551	0.024622339
ENSG00000155833	0.016550098	0.025060342	0.025116601	0.015259478
ENSG00000204300	0.015914271	0.025082077	0.024699658	0.01549995
ENSG00000174944	0.018506583	0.02665846	0.026364683	0.019316894
ENSG00000188931	0.017060553	0.025888365	0.024985486	0.016491984
ENSG00000144589	0.030170211	0.037863011	0.033025537	0.025550802
ENSG00000057663	0.039708389	0.037394223	0.032612089	0.030483698
ENSG00000171815	0.016878073	0.025592598	0.024247654	0.015524102
ENSG00000198753	0.016257894	0.026711668	0.025064441	0.017647293
ENSG00000241399	0.014495886	0.025173153	0.024813573	0.014783775
ENSG00000083307	0.015531195	0.024471966	0.024716278	0.015941524
ENSG00000172123	0.075210711	0.043344156	0.049148765	0.039393776
ENSG00000178860	0.029735282	0.03115204	0.031077856	0.031348356
ENSG00000186684	0.017516859	0.029144809	0.026918091	0.019360156
ENSG00000111405	0.025775306	0.028961227	0.027943072	0.022516091
ENSG00000196597	0.020589162	0.027453262	0.024879845	0.020431259
ENSG00000241465	0.058744969	0.024888254	0.025964336	0.015843267
ENSG00000152767	0.045707586	0.035425119	0.035510336	0.029876781
ENSG00000144580	0.032979872	0.038027454	0.032049904	0.033315907
ENSG00000162407	0.017031066	0.024900546	0.024890934	0.015507842
ENSG00000164385	0.015459426	0.025896563	0.025798866	0.014876686
ENSG00000138653	0.015584371	0.025759255	0.025540924	0.015976836
ENSG00000184381	0.029754936	0.033672882	0.030525097	0.027175729
ENSG00000130958	0.052670754	0.040320187	0.044169551	0.046236868
ENSG00000119630	0.038633663	0.031290746	0.028593093	0.027755162
ENSG00000196700	0.03630682	0.037131636	0.046552808	0.034538592
ENSG00000187775	0.017473343	0.026501668	0.025635591	0.017857905
ENSG00000005001	0.015204513	0.025890774	0.025782601	0.015608897
ENSG00000089639	0.028324416	0.031568223	0.03911082	0.028632406
ENSG00000102837	0.014833247	0.026865052	0.024409141	0.014960678
ENSG00000152433	0.016822914	0.02534887	0.026369819	0.017143122
ENSG00000036828	0.022418349	0.027102601	0.026989707	0.02141747
ENSG00000188243	0.029204748	0.031195948	0.030130839	0.031471779
ENSG00000100403	0.019242248	0.025842526	0.025983741	0.019838116
ENSG00000150672	0.015724147	0.024942865	0.024250229	0.014402491
ENSG00000188677	0.034919291	0.030874298	0.037352944	0.095118462
ENSG00000187260	0.024746304	0.035978021	0.035142998	0.023097362
ENSG00000135220	0.041103424	0.024636443	0.024445103	0.020028766
ENSG00000170581	0.033853121	0.03756006	0.033643167	0.031480855
ENSG00000101049	0.015801706	0.024386392	0.025116256	0.013925602
ENSG00000111641	0.027976631	0.031973045	0.034990388	0.031693604

ENSG00000171435	0.015970322	0.024956733	0.025216512	0.01431134
ENSG00000174292	0.015893148	0.026439172	0.026117615	0.016973927
ENSG00000163960	0.040742209	0.040391796	0.039258549	0.039159191
ENSG00000197724	0.019150029	0.02717968	0.025765435	0.016617698
ENSG00000138623	0.042557756	0.049000451	0.043607534	0.045199707
ENSG00000183549	0.017193474	0.026213295	0.024618451	0.016587876
ENSG00000163607	0.027670448	0.033525392	0.033737363	0.034169688
ENSG0000009307	0.019687992	0.027714808	0.027860801	0.021577482
ENSG00000162494	0.016312372	0.025658117	0.025056358	0.015444683
ENSG00000138294	0.015472358	0.025645534	0.025636813	0.014621418
ENSG00000124608	0.037928028	0.041547089	0.037429193	0.028253394
ENSG00000205978	0.015567149	0.024557881	0.0248238	0.01593537
ENSG00000161798	0.015127721	0.025813313	0.024601567	0.01612748
ENSG00000073417	0.031825584	0.032808395	0.032999926	0.031247984
ENSG00000167130	0.020809786	0.027329534	0.028825276	0.020987538
ENSG00000234438	0.019335505	0.026167668	0.026794671	0.018676898
ENSG00000168264	0.032296686	0.036800746	0.039069905	0.034346565
ENSG00000130764	0.021481885	0.028323402	0.02939598	0.019233971
ENSG00000163746	0.014490555	0.025580995	0.024237905	0.01480559
ENSG00000185652	0.014585389	0.024532506	0.023813075	0.014870476
ENSG00000243251	0.044472835	0.0389052	0.039821153	0.039204404
ENSG00000148143	0.0805799	0.040870093	0.043310081	0.031157569
ENSG00000052841	0.026314324	0.030053793	0.034397399	0.028598818
ENSG00000186666	0.036120068	0.037923754	0.036055806	0.030731159
ENSG00000115556	0.017186574	0.024859991	0.024225181	0.014439163
ENSG00000125510	0.028348541	0.036211419	0.030971743	0.044061715
ENSG00000186205	0.038262681	0.038813802	0.038761832	0.030736236
ENSG00000110811	0.0439132	0.039052933	0.036718925	0.032913379
ENSG00000027644	0.016781696	0.025141359	0.026361216	0.01608122
ENSG00000156172	0.016855879	0.026448009	0.024941708	0.01672732
ENSG00000042445	0.02493914	0.032372713	0.029810473	0.020534139
ENSG00000126777	0.02810653	0.033014451	0.029282391	0.023218031
ENSG00000155465	0.074214814	0.093892824	0.097614634	0.081666112
ENSG00000115598	0.015305423	0.024563165	0.024713232	0.01533571
ENSG00000152147	0.030786259	0.034846319	0.030790219	0.022763112
ENSG00000149305	0.016268929	0.025802431	0.025418898	0.01750611
ENSG00000173915	0.115591868	0.116630705	0.110911216	0.058560127
ENSG00000109851	0.016136027	0.025062121	0.02436983	0.015359381
ENSG00000204842	0.030991095	0.043127834	0.036537304	0.031492298
ENSG00000104957	0.027936808	0.032468538	0.032128929	0.026508147
ENSG00000103126	0.015988485	0.024467968	0.024146149	0.013552323
ENSG00000143158	0.034133112	0.033996158	0.031655873	0.027301687
ENSG00000181924	0.026685001	0.028625877	0.032159895	0.02303194
ENSG00000183283	0.028705407	0.037922235	0.035302868	0.028807119
ENSG00000157152	0.015590363	0.025823562	0.024662206	0.014951857
ENSG00000165097	0.015184691	0.024850899	0.02470248	0.015894847
ENSG00000169862	0.020893662	0.025440152	0.025676228	0.017362609
ENSG00000100142	0.024003144	0.027642543	0.027693747	0.022755605
ENSG00000158863	0.024652578	0.032985503	0.034391524	0.026999137
ENSG00000113100	0.016435721	0.025151211	0.026868384	0.016838714
ENSG00000144035	0.017273414	0.02613247	0.027302307	0.016400092
ENSG00000003393	0.031899899	0.042694466	0.033203565	0.032101877
ENSG00000127564	0.028277921	0.028205877	0.031562677	0.026362217
ENSG00000171450	0.014233916	0.025254482	0.024616968	0.014306097

ENSG00000140990	0.024641136	0.026418365	0.027228087	0.020497039
ENSG00000148719	0.020530538	0.027504044	0.02815366	0.019096378
ENSG00000172578	0.094948429	0.081134876	0.079587677	0.073850332
ENSG00000204267	0.029222395	0.038479654	0.04321666	0.021431878
ENSG00000173852	0.085941723	0.05838393	0.05543569	0.057946652
ENSG00000149735	0.017825473	0.026725455	0.025716284	0.015243528
ENSG00000186895	0.02033035	0.028285687	0.027184367	0.025100989
ENSG0000008441	0.016932874	0.025229515	0.024786056	0.015436018
ENSG00000186314	0.026268428	0.029902763	0.031753731	0.021233343
ENSG00000112679	0.031477659	0.03482743	0.030515377	0.027635415
ENSG0000007237	0.073746525	0.059947923	0.06880455	0.070759809
ENSG00000165188	0.03606185	0.098043769	0.072958668	0.094598737
ENSG00000197993	0.02034549	0.025737512	0.024322799	0.017398929
ENSG00000196268	0.029723018	0.031034624	0.029680176	0.025368615
ENSG00000171195	0.014878355	0.025601419	0.024536582	0.016892498
ENSG00000205111	0.016903527	0.025419798	0.024804969	0.015340207
ENSG00000182685	0.01915117	0.030517369	0.026548276	0.017272657
ENSG00000198829	0.059247965	0.046336436	0.045000207	0.038462354
ENSG00000140854	0.033418424	0.037611453	0.029127972	0.029833042
ENSG00000144034	0.03167775	0.031165709	0.033409687	0.024531362
ENSG00000136807	0.02691915	0.034476133	0.033343366	0.023903321
ENSG00000142765	0.058804524	0.051402535	0.062694602	0.046982655
ENSG00000100206	0.037869436	0.035952563	0.036793137	0.041798524
ENSG00000179772	0.015055292	0.024046255	0.024684828	0.015094749
ENSG00000168418	0.017247642	0.025176643	0.024739058	0.016332091
ENSG00000122592	0.031430627	0.02691429	0.033396277	0.043554033
ENSG00000117834	0.01553597	0.024783635	0.025163098	0.014616378
ENSG00000125999	0.01602738	0.024460833	0.024043272	0.015242139
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ENSG00000143858	0.014730738	0.024936058	0.024951038	0.014682889
ENSG00000163319	0.026051748	0.030823605	0.032807085	0.024214755
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ENSG00000070413	0.030429471	0.032473922	0.03545899	0.032507163
ENSG00000138107	0.029407385	0.036704234	0.036119076	0.030552403
ENSG00000123080	0.074255987	0.052122441	0.043255429	0.054884068
ENSG00000198952	0.024789901	0.032392245	0.037861854	0.029416478
ENSG00000153060	0.0461677	0.064246856	0.05243712	0.046755324
ENSG00000102934	0.044339308	0.042432157	0.035221111	0.035114268
ENSG00000179546	0.017887728	0.025838383	0.025034485	0.014734703
ENSG00000173145	0.030852559	0.035443394	0.031781573	0.023404035
ENSG00000138111	0.023967661	0.028750341	0.026354404	0.019591426
ENSG00000055955	0.030534378	0.042964716	0.031945791	0.030459485
ENSG00000086589	0.026797372	0.032098631	0.032283511	0.021686925
ENSG00000205464	0.022792483	0.029428675	0.02738734	0.022669055
ENSG00000128590	0.042262892	0.039204968	0.047381308	0.048991611
ENSG00000149527	0.064550165	0.06887106	0.057857984	0.067299351
ENSG00000213809	0.032064963	0.041949256	0.036380983	0.054434718
ENSG00000160460	0.016349735	0.025970381	0.024848145	0.014946289
ENSG00000170890	0.016650159	0.026029161	0.025643015	0.016743923
ENSG00000143622	0.056166158	0.050110038	0.047535507	0.055505238
ENSG00000163681	0.022418851	0.028773481	0.025846371	0.020437921
ENSG00000173369	0.015737376	0.024218273	0.024260492	0.01438225

ENSG0000079385	0.067769423	0.07171265	0.054435207	0.065437949
ENSG00000105538	0.036909667	0.059434979	0.092245247	0.102055187
ENSG00000213171	0.015851406	0.024777836	0.025046208	0.014892306
ENSG00000153558	0.017444556	0.026261734	0.024524276	0.015723833
ENSG00000114021	0.032918522	0.03364578	0.033028811	0.025875785
ENSG00000006016	0.014955547	0.025012642	0.025327652	0.015572187
ENSG00000173210	0.015714786	0.02517937	0.024102845	0.015100009
ENSG00000128731	0.035468134	0.047778863	0.035062147	0.051489051
ENSG00000197362	0.039424474	0.036579877	0.038284511	0.044817006
ENSG00000019186	0.016494904	0.024320396	0.025584931	0.014341596
ENSG00000179528	0.016071598	0.024957042	0.024598623	0.014956294
ENSG00000116521	0.022180812	0.026471583	0.027277236	0.022788914
ENSG00000134363	0.017613648	0.026391851	0.025389925	0.01628536
ENSG00000165699	0.034628406	0.03702523	0.031753136	0.029906234
ENSG00000189376	0.023283393	0.030350536	0.032783563	0.022008008
ENSG00000120253	0.034500811	0.032333419	0.035911627	0.032083772
ENSG00000112761	0.017777646	0.025641558	0.025764959	0.015412276
ENSG00000140807	0.016088738	0.024646337	0.024197814	0.016331964
ENSG00000076641	0.058339926	0.048231617	0.042948206	0.059445025
ENSG00000107679	0.040748898	0.043756602	0.044741238	0.038476157
ENSG00000165799	0.015955917	0.026505347	0.025705863	0.014113506
ENSG00000070159	0.024934854	0.026103874	0.026269752	0.018368425
ENSG00000165443	0.017829975	0.024585427	0.024372183	0.015605542
ENSG00000187116	0.02898878	0.026591383	0.024822896	0.016087551
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ENSG00000168970	0.039058267	0.040440538	0.038037421	0.035220907
ENSG00000154493	0.017825989	0.026310172	0.02561119	0.018550154
ENSG00000128609	0.028368517	0.030093599	0.028109463	0.034630476
ENSG00000211584	0.030328169	0.03244724	0.037050581	0.034000213
ENSG00000108813	0.016653913	0.02559945	0.025162292	0.016654084
ENSG00000072080	0.016320611	0.02585285	0.026074671	0.016300111
ENSG00000089692	0.102433392	0.066265525	0.078156204	0.095791786
ENSG00000119986	0.047017781	0.040589328	0.041256482	0.040991635
ENSG00000172381	0.017916684	0.028574001	0.027096336	0.017476071
ENSG00000125740	0.060859594	0.072600896	0.068876771	0.040621885
ENSG00000176136	0.018527337	0.026539629	0.02714809	0.016790367
ENSG00000021488	0.016681714	0.025016098	0.025721378	0.016221281
ENSG00000119403	0.044881	0.04192561	0.035420274	0.033606851
ENSG00000197594	0.016371336	0.024793839	0.024771908	0.01653191
ENSG00000102096	0.043601047	0.033119337	0.039089421	0.042356347
ENSG00000132911	0.018202198	0.029608799	0.027632574	0.017776591
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ENSG00000120885	0.053722679	0.028089386	0.030810142	0.038449198
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ENSG00000162613	0.028200578	0.031628531	0.030660809	0.023605685
ENSG00000160957	0.034965898	0.032478001	0.034942319	0.029668946
ENSG00000161277	0.057821366	0.054110824	0.039844164	0.041085833
ENSG00000129810	0.0467479	0.043541305	0.033681327	0.030565054
ENSG00000185420	0.032996791	0.035230433	0.029716577	0.031588813
ENSG00000064218	0.01555116	0.02480291	0.024147201	0.015364457
ENSG00000100603	0.022263901	0.03065129	0.029594493	0.017907752
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ENSG00000140497	0.038426988	0.039237181	0.039737822	0.031224455
ENSG00000213054	0.087723229	0.080663901	0.070083963	0.070330166

ENSG00000170430	0.084547305	0.039113502	0.034352207	0.032659789
ENSG00000167106	0.048844864	0.056831582	0.049417193	0.053273031
ENSG00000104755	0.015325848	0.024949622	0.025022545	0.015682143
ENSG00000088808	0.045247735	0.042430359	0.041397206	0.038102455
ENSG00000179468	0.016107329	0.02543158	0.02455638	0.015581019
ENSG00000188107	0.015593027	0.02467535	0.026138778	0.015072093
ENSG00000103042	0.02590672	0.03386246	0.033475815	0.026933477
ENSG00000068400	0.020717878	0.028824401	0.03012753	0.029357121
ENSG00000139266	0.036305875	0.032574186	0.032761763	0.034517484
ENSG00000203811	0.056193763	0.054774331	0.071236983	0.068707807
ENSG00000112130	0.01868253	0.027452996	0.026933537	0.017207681
ENSG00000164463	0.03895997	0.036520872	0.041598113	0.038904197
ENSG00000144802	0.048038351	0.053589098	0.051382593	0.049355782
ENSG00000137876	0.020475396	0.027873497	0.027465099	0.019290732
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ENSG00000138795	0.110610545	0.084124199	0.069643027	0.091145865
ENSG00000183258	0.023862013	0.029186396	0.031215816	0.019685972
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ENSG00000167874	0.017467356	0.02960958	0.026702505	0.017526564
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ENSG00000135638	0.087893115	0.061738886	0.04887799	0.064653434
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ENSG00000122126	0.03407536	0.037590002	0.033461158	0.02982469
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ENSG00000081181	0.02223337	0.032734836	0.033292752	0.024648299
ENSG00000140297	0.096303092	0.070633328	0.089518209	0.079000985
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ENSG00000162511	0.028586759	0.034085668	0.031541438	0.027516052
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ENSG00000172315	0.030991103	0.033834521	0.031292009	0.028363514
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ENSG00000058056	0.043038411	0.041506427	0.03867026	0.039669273
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ENSG00000001561	0.052031476	0.041937145	0.044679482	0.045990129
ENSG00000180398	0.031979366	0.037833549	0.032215071	0.031410639
ENSG00000162692	0.129645471	0.107943858	0.070446202	0.083023962
ENSG00000169612	0.026024872	0.03484085	0.036908953	0.02440772
ENSG00000124721	0.017052553	0.025482049	0.026005531	0.018322642
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ENSG00000101474	0.026410014	0.031813373	0.035712683	0.026440595
ENSG00000174145	0.015858044	0.02519685	0.024633788	0.016219075
ENSG00000086504	0.034574466	0.037154383	0.037797641	0.023765708
ENSG00000112379	0.016910181	0.024631219	0.026579031	0.014892728
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ENSG00000073605	0.041079622	0.04495521	0.039975218	0.054743394

ENSG00000176895	0.015996346	0.025104917	0.025631689	0.015846488
ENSG00000067836	0.051363399	0.041818901	0.037878611	0.043640154
ENSG00000011523	0.026833762	0.037388852	0.031241679	0.030206623
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ENSG00000076826	0.069731653	0.055112394	0.048564895	0.056860872
ENSG00000137133	0.025760894	0.029792354	0.029976088	0.025579057
ENSG00000101752	0.032791078	0.03428706	0.035150868	0.031208581
ENSG00000197879	0.026444783	0.03198151	0.031652989	0.034108011
ENSG00000179766	0.013425576	0.023890392	0.023677688	0.013691714
ENSG00000135469	0.033810736	0.035744358	0.032816149	0.023991404
ENSG00000196660	0.016843949	0.024841495	0.024541853	0.015910675
ENSG00000171428	0.029562768	0.036095077	0.037638162	0.031091644
ENSG00000172819	0.030838649	0.032433906	0.028869676	0.026436498
ENSG00000042286	0.028212161	0.033136684	0.031914055	0.024415351
ENSG00000084731	0.016482593	0.026543613	0.025445435	0.017218072
ENSG00000095485	0.028325193	0.032539845	0.032419915	0.022130222
ENSG00000140153	0.02772168	0.038617658	0.036364425	0.028229628
ENSG00000159339	0.061724337	0.044139909	0.053517965	0.055455346
ENSG00000019485	0.015635291	0.02502727	0.024745547	0.01468841
ENSG00000100226	0.022422952	0.030530302	0.03026102	0.021794894
ENSG00000167550	0.052933817	0.042609754	0.041571505	0.041403035
ENSG00000185156	0.0311151	0.033159343	0.029383267	0.032304714
ENSG00000100564	0.027817576	0.033435686	0.03603677	0.027458997
ENSG00000196366	0.015382935	0.024329352	0.024383332	0.015883953
ENSG00000161905	0.016106307	0.02554501	0.025183235	0.016436582
ENSG00000137343	0.019453444	0.027315703	0.027008263	0.017511293
ENSG00000151012	0.022353507	0.027300142	0.026540402	0.023743044
ENSG00000171747	0.01531442	0.024681642	0.024689663	0.032744626
ENSG00000118705	0.026222343	0.030134168	0.033770463	0.02554413
ENSG00000185015	0.036973747	0.043418042	0.036473557	0.034134945
ENSG00000124831	0.028413039	0.028426457	0.032306153	0.024218923
ENSG00000221972	0.017063162	0.026476611	0.027185985	0.019213487
ENSG00000168887	0.030741361	0.034026289	0.033732261	0.027347324
ENSG00000113368	0.049180914	0.04250449	0.036829039	0.042532335
ENSG00000126461	0.021654676	0.03485086	0.030318081	0.028859522
ENSG00000101337	0.018954574	0.02584281	0.037575119	0.024181848
ENSG00000079257	0.04668788	0.039721642	0.036759823	0.03273667
ENSG00000142733	0.035893176	0.032337322	0.028107532	0.023301913
ENSG00000175535	0.015982504	0.02539685	0.024455307	0.014243155
ENSG00000171159	0.026213989	0.032145072	0.032856705	0.035150367
ENSG00000134765	0.055459339	0.054876086	0.053575976	0.068195889
ENSG00000129673	0.015780759	0.025203947	0.025254577	0.014984123
ENSG00000196126	0.169617663	0.17389295	0.198304651	0.246757131
ENSG00000111707	0.026969622	0.036615752	0.031859182	0.022932775
ENSG00000060558	0.071184208	0.05056657	0.045892161	0.06404303
ENSG00000166595	0.024986921	0.027975474	0.029287014	0.021959153
ENSG00000107821	0.025481266	0.031746133	0.029932605	0.024934404
ENSG00000159685	0.072321927	0.049697003	0.041450857	0.064521268
ENSG00000151491	0.167271324	0.10550878	0.101510308	0.123482287
ENSG00000171236	0.070859487	0.050017403	0.054174805	0.046167634
ENSG00000102032	0.044977544	0.038002076	0.040903327	0.037388161
ENSG00000186795	0.015535385	0.024836196	0.025074125	0.015720586
ENSG00000154370	0.025235308	0.030296924	0.043017014	0.029339134
ENSG00000171126	0.015793414	0.026042501	0.025103276	0.014808605

ENSG00000189182	0.020609557	0.026269922	0.026865745	0.018392736
ENSG00000053501	0.023501095	0.029570564	0.031278051	0.022824928
ENSG00000138246	0.032683297	0.040222509	0.031698003	0.026073511
ENSG00000092529	0.039163527	0.039397516	0.04257064	0.040161177
ENSG00000101052	0.026654297	0.030287083	0.028558639	0.022827564
ENSG00000091164	0.022778692	0.028153959	0.027122571	0.02136723
ENSG00000198720	0.019119875	0.026994475	0.026750644	0.017168769
ENSG00000197548	0.032726677	0.044747374	0.03397576	0.027164868
ENSG00000106952	0.022417914	0.024744825	0.025573001	0.017315404
ENSG00000128606	0.021986329	0.030936285	0.026829397	0.024279591
ENSG00000196734	0.074769623	0.035377927	0.030697454	0.043180987
ENSG00000089335	0.023260395	0.026901864	0.027855762	0.019990398
ENSG00000117448	0.026208633	0.029334756	0.029515177	0.020347285
ENSG00000091106	0.029638426	0.032609959	0.032382021	0.027872862
ENSG00000121486	0.038967007	0.055516502	0.037744895	0.036639779
ENSG00000102935	0.017132858	0.026179955	0.026248255	0.017457723
ENSG00000145506	0.103592416	0.091763052	0.087799891	0.115023141
ENSG00000221914	0.02304532	0.029995702	0.029650788	0.019677667
ENSG00000138614	0.028245815	0.036295566	0.034611238	0.022790441
ENSG00000164318	0.017671697	0.025125941	0.024668814	0.016064289
ENSG00000172296	0.015396151	0.025183068	0.024365152	0.017943168
ENSG00000197465	0.064480893	0.05728648	0.042203477	0.043312916
ENSG00000136451	0.035355993	0.042645489	0.04367759	0.026671761
ENSG00000106483	0.015482101	0.026932185	0.024861648	0.015992795
ENSG00000125246	0.066240569	0.070143415	0.055628222	0.058703706
ENSG00000133661	0.017521478	0.024988003	0.025442539	0.016460764
ENSG00000127511	0.029513882	0.031094934	0.030258228	0.02517518
ENSG00000197565	0.018396165	0.02623658	0.024322495	0.015976714
ENSG00000112139	0.0182074	0.028171377	0.026183339	0.017864417
ENSG00000161939	0.027333032	0.027006568	0.030525071	0.031015155
ENSG00000172247	0.017531752	0.028763843	0.025629113	0.017507616
ENSG00000214290	0.072829851	0.069169885	0.058986583	0.066664343
ENSG00000134058	0.024612042	0.031125672	0.03073442	0.023239176
ENSG00000116260	0.014877083	0.025299515	0.025678415	0.015098919
ENSG00000183172	0.03580485	0.043043644	0.035416821	0.029458796
ENSG00000101236	0.034796406	0.032899956	0.037112542	0.03969559
ENSG00000164509	0.015342618	0.024737245	0.024773481	0.014648516
ENSG00000072422	0.015858239	0.025065259	0.025223034	0.014922189
ENSG00000150893	0.015239421	0.026588734	0.025888645	0.015081431
ENSG00000136770	0.035089993	0.035901362	0.035090762	0.030950036
ENSG00000173598	0.029345288	0.037827548	0.032466818	0.023358178
ENSG00000176988	0.014990665	0.025403918	0.026156654	0.016377505
ENSG00000180053	0.015582756	0.024937268	0.024671372	0.015819906
ENSG00000151461	0.024949505	0.032197785	0.030325852	0.02239038
ENSG00000168495	0.036290216	0.038967673	0.036176297	0.036575036
ENSG00000176209	0.024558189	0.031826258	0.029727664	0.023978976
ENSG00000123095	0.033090539	0.042256693	0.032216857	0.050246694
ENSG00000100285	0.113632739	0.091544031	0.087742055	0.095055895
ENSG00000170233	0.024083179	0.029266424	0.030924935	0.025649335
ENSG00000116604	0.032033683	0.040983098	0.035582822	0.035939243
ENSG00000183035	0.017852923	0.024408353	0.024130935	0.015463768
ENSG00000141428	0.023403146	0.029054472	0.033149015	0.019964703
ENSG00000171617	0.072243712	0.063955922	0.047566473	0.069611453
ENSG00000101846	0.082796225	0.060719431	0.057077313	0.068656599

ENSG00000221870	0.021811277	0.025410732	0.02529101	0.017531023
ENSG00000152240	0.041076745	0.042727759	0.033124691	0.029560446
ENSG00000125652	0.024511463	0.028036358	0.03013165	0.023039122
ENSG00000147081	0.014907352	0.025265439	0.024452297	0.015007167
ENSG00000173230	0.029295927	0.039066379	0.034674142	0.026191674
ENSG00000170473	0.029195529	0.031452712	0.036008304	0.027518686
ENSG00000162869	0.034819124	0.04485121	0.034374119	0.028509883
ENSG00000136487	0.015761603	0.025800318	0.024652089	0.015250733
ENSG00000112759	0.030350412	0.030764439	0.034791054	0.030541694
ENSG00000147883	0.016729911	0.025146849	0.025215777	0.016190902
ENSG00000115165	0.029768886	0.033036863	0.033751457	0.028796796
ENSG00000161573	0.015141602	0.025758513	0.025125516	0.014207457
ENSG00000156299	0.017304962	0.026829106	0.02487266	0.016547215
ENSG00000120440	0.016515413	0.025502721	0.02616388	0.016296132
ENSG00000171962	0.01649664	0.024987995	0.025324455	0.015398716
ENSG00000090238	0.042823033	0.035578761	0.040879991	0.043074617
ENSG00000183155	0.028442474	0.031637291	0.030260303	0.034531026
ENSG00000130377	0.016415326	0.025028039	0.026224135	0.016053215
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ENSG00000136828	0.038009152	0.032360476	0.033048003	0.030161167
ENSG00000133606	0.018930771	0.026569151	0.028866492	0.018733945
ENSG00000141556	0.035238203	0.035756586	0.034603189	0.027556905
ENSG00000162139	0.019200837	0.028844679	0.026958009	0.018154689
ENSG00000128833	0.045534878	0.040756705	0.036156832	0.036219543
ENSG00000161847	0.023616295	0.028853647	0.035332292	0.024639779
ENSG00000169704	0.01808632	0.025542178	0.026088001	0.015963241
ENSG00000168393	0.039509387	0.036664432	0.035443583	0.031062118
ENSG00000164104	0.032973585	0.035415863	0.030986723	0.024661599
ENSG00000205856	0.01654692	0.02663234	0.024784775	0.015854715
ENSG00000142408	0.017554232	0.024923659	0.025394979	0.017356325
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ENSG00000175374	0.054203641	0.04446563	0.038893933	0.03488569
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ENSG00000162961	0.023422356	0.028941776	0.028154867	0.019015623
ENSG00000108306	0.030597137	0.040131356	0.033800282	0.025587504
ENSG00000167476	0.151338797	0.109751952	0.121918832	0.140561025
ENSG00000144746	0.028915342	0.033006649	0.030136441	0.022204517
ENSG00000095739	0.10357208	0.061622042	0.057687423	0.063903196
ENSG00000095585	0.046438526	0.040401504	0.032908646	0.030388632
ENSG00000166603	0.01635773	0.02616284	0.025432574	0.015779129
ENSG00000134313	0.026480228	0.034982741	0.033111473	0.028907132
ENSG00000064787	0.099858394	0.085227704	0.083913115	0.090381698
ENSG00000135902	0.016040011	0.025253666	0.025063032	0.015412153
ENSG00000181374	0.014960397	0.025662056	0.024537153	0.016414369
ENSG00000042088	0.031857946	0.035200998	0.02863878	0.022412072
ENSG00000137269	0.106857426	0.079001375	0.077300416	0.093544157
ENSG00000111962	0.120788677	0.102281459	0.079732309	0.101994602
ENSG00000064961	0.018953131	0.027273443	0.029350264	0.018312512
ENSG00000182372	0.032727988	0.040916184	0.034727581	0.028345402
ENSG00000126216	0.037992164	0.037004631	0.034514568	0.037149306
ENSG00000113441	0.038816033	0.045213597	0.043210672	0.033043817
ENSG00000144792	0.01732219	0.027179	0.026205818	0.016852036

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ENSG00000118298	0.016586762	0.025682807	0.026304969	0.016191359
ENSG00000121644	0.039996015	0.034956395	0.034375613	0.033390499
ENSG00000161202	0.02427691	0.032455784	0.033045869	0.022154888
ENSG00000115204	0.023565878	0.028163587	0.030685204	0.025066215
ENSG00000245848	0.021773727	0.02681222	0.02943632	0.020265672
ENSG00000176444	0.024302087	0.039294988	0.032492583	0.025686
ENSG00000107562	0.151776564	0.10383979	0.088137682	0.110854206
ENSG00000138735	0.016001561	0.024753205	0.026567497	0.015507453
ENSG00000166821	0.056022449	0.059981337	0.051401026	0.052938267
ENSG00000181104	0.074863975	0.052650439	0.058112713	0.076233222
ENSG00000166189	0.028248871	0.033929198	0.032867879	0.026390202
ENSG00000221888	0.016274986	0.02484684	0.024688433	0.014166323
ENSG00000105085	0.02707438	0.033462366	0.038503831	0.026985907
ENSG00000100442	0.024549784	0.030918898	0.026963544	0.025275097
ENSG00000114742	0.031755011	0.034239381	0.03876192	0.02693222
ENSG00000107854	0.016918861	0.026750341	0.027954394	0.017376487
ENSG00000159788	0.016196777	0.025617517	0.024939565	0.016968151
ENSG00000172845	0.02609758	0.032533009	0.029075462	0.025826436
ENSG00000248383	0.015941494	0.024910387	0.024660879	0.015180575
ENSG00000086205	0.017622816	0.026027836	0.025249228	0.016207647
ENSG00000116649	0.031798916	0.033597429	0.032100447	0.031853509
ENSG00000163563	0.057021065	0.069581664	0.056733836	0.079217314
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ENSG00000144218	0.015556125	0.024739053	0.025403135	0.016655308
ENSG00000135413	0.018300662	0.026727662	0.025494115	0.01679087
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ENSG00000105370	0.016944042	0.025455247	0.026406072	0.01581761
ENSG00000132646	0.044415492	0.059021603	0.038796413	0.071663523
ENSG00000164941	0.029649048	0.036349109	0.031222734	0.022954662
ENSG00000034239	0.016151831	0.025382829	0.025447185	0.015602127
ENSG00000125637	0.028154558	0.030914246	0.032052608	0.027135685
ENSG00000224051	0.028418894	0.033565413	0.036538141	0.028449422
ENSG00000155511	0.016629641	0.026276391	0.025938291	0.016429822
ENSG00000154174	0.02685469	0.031218914	0.029168186	0.031944882
ENSG00000082153	0.022904525	0.029150047	0.028175469	0.024058545
ENSG00000113140	0.061694765	0.057807414	0.044156107	0.052052395
ENSG00000080224	0.015200285	0.025631867	0.02412197	0.015015217
ENSG00000135355	0.014874648	0.024832768	0.025637916	0.015070444
ENSG00000143569	0.029725159	0.031735746	0.035065676	0.028085385
ENSG00000205571	0.101644956	0.074321694	0.074300783	0.114584841
ENSG00000214097	0.01569735	0.026664363	0.024281098	0.014475235
ENSG00000101198	0.015548851	0.025940814	0.025927212	0.014978903
ENSG00000254147	0.016024824	0.024664909	0.025198433	0.016135135
ENSG00000104324	0.021691579	0.02668314	0.025930831	0.031502052
ENSG00000179913	0.01649971	0.024825385	0.024953527	0.016850672
ENSG00000135801	0.029032541	0.044294449	0.043223152	0.030824318
ENSG00000110107	0.030781603	0.03085822	0.032511508	0.028939488
ENSG00000010318	0.016756142	0.025504332	0.025420554	0.016184918
ENSG00000148154	0.038435242	0.047465324	0.046003851	0.043815569
ENSG00000173762	0.020977544	0.025889945	0.024654588	0.015997429
ENSG00000156603	0.025990936	0.032936075	0.037404825	0.026569788
ENSG00000136275	0.014929669	0.024775878	0.024609069	0.015511317
ENSG00000175898	0.016916069	0.025058062	0.023676031	0.015077903

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ENSG00000175581	0.030961743	0.035122128	0.033207801	0.026187543
ENSG00000155897	0.015718059	0.024597897	0.02525686	0.014504511
ENSG00000204859	0.02618714	0.03000248	0.032641877	0.021511681
ENSG00000124214	0.025766349	0.031338571	0.029023138	0.018546416
ENSG00000141699	0.024086333	0.032384365	0.030256823	0.026264915
ENSG00000100462	0.028140129	0.030436634	0.028824702	0.025476461
ENSG00000173542	0.04550115	0.050999968	0.052044238	0.052351306
ENSG00000156026	0.033263897	0.035609752	0.037869655	0.030534696
ENSG00000171431	0.015707951	0.024168983	0.024139014	0.015109895
ENSG00000130988	0.016455078	0.02588605	0.025001976	0.015301403
ENSG00000185753	0.033017438	0.032464286	0.036550956	0.030548972
ENSG00000197860	0.016813899	0.024891427	0.024624016	0.015872434
ENSG00000108018	0.018543527	0.026577368	0.025239916	0.016446737
ENSG00000099985	0.04453552	0.040050587	0.041188399	0.03663713
ENSG00000144152	0.020079094	0.026565477	0.027613157	0.015641777
ENSG00000114026	0.039872258	0.039686881	0.032307388	0.030152791
ENSG00000178537	0.031457032	0.033853495	0.032286875	0.026315287
ENSG00000161653	0.016413677	0.026057484	0.025014683	0.016830695
ENSG00000137815	0.02419345	0.031520082	0.032627169	0.02255319
ENSG00000079332	0.031401259	0.036898013	0.041893632	0.031162964
ENSG00000169953	0.023182677	0.025966675	0.024987315	0.020453267
ENSG00000164885	0.043070965	0.04641362	0.038207094	0.031661502
ENSG00000108379	0.018160027	0.027476086	0.025691713	0.017693636
ENSG00000132256	0.029458157	0.04119168	0.031286002	0.031311539
ENSG00000131264	0.016265907	0.02434468	0.02519055	0.014089051
ENSG00000180644	0.037948279	0.056747582	0.041985129	0.036319422
ENSG00000175143	0.015629121	0.024945919	0.024524116	0.014944557
ENSG00000165376	0.017664055	0.024726252	0.024343194	0.015599343
ENSG00000108852	0.017444231	0.027939705	0.025285769	0.017627957
ENSG00000166582	0.039403101	0.032211289	0.034461648	0.026874755
ENSG00000164741	0.015185776	0.024414224	0.024768001	0.01540568
ENSG00000186451	0.016138412	0.025025571	0.024623498	0.01641007
ENSG00000042832	0.016891614	0.029314144	0.024461727	0.015326896
ENSG00000229117	0.013015292	0.02353833	0.023427344	0.013192505
ENSG00000145241	0.028467851	0.035539504	0.035539122	0.022202323
ENSG00000150093	0.017981323	0.026658287	0.02610188	0.015582605
ENSG00000175084	0.015617415	0.025211284	0.024945421	0.01550734
ENSG00000171060	0.01515416	0.025207475	0.024478674	0.014824423
ENSG00000187191	0.01608235	0.024915605	0.024257061	0.015462743
ENSG00000141040	0.019835205	0.026733418	0.024586412	0.016522364
ENSG00000114982	0.026327265	0.031568772	0.030017936	0.021304904
ENSG00000168610	0.035961993	0.035699312	0.037278202	0.035558039
ENSG00000149571	0.016018192	0.026626777	0.02579277	0.01548676
ENSG00000172058	0.023834001	0.029676044	0.027334353	0.02856865
ENSG00000168439	0.031426694	0.036454759	0.031984729	0.03473012
ENSG00000183269	0.016905723	0.026190169	0.026000159	0.017549906
ENSG00000133027	0.018593832	0.025551178	0.026109133	0.017234734
ENSG00000132109	0.027218878	0.035484464	0.037263756	0.035312466
ENSG00000149591	0.026473508	0.029003284	0.028645248	0.020774846
ENSG00000214215	0.017208452	0.02518538	0.025702283	0.016189546
ENSG00000150455	0.027642728	0.029626654	0.029261376	0.023796587
ENSG00000141552	0.022792241	0.028776455	0.026657236	0.01865948
ENSG00000167699	0.025707521	0.030731749	0.030298501	0.023215043

ENSG00000155130	0.043107323	0.046941985	0.041652626	0.051772982
ENSG00000111725	0.032358608	0.040804368	0.042782405	0.032000745
ENSG00000149273	0.018635403	0.025884117	0.026252582	0.018531512
ENSG00000149743	0.034683454	0.031048232	0.030892464	0.034850423
ENSG00000110906	0.026930032	0.032751813	0.03451203	0.026496231
ENSG00000179403	0.103235292	0.076735735	0.066120062	0.084542964
ENSG00000071205	0.042128933	0.043335949	0.037335263	0.040892356
ENSG00000176597	0.016594296	0.026310227	0.025509323	0.016015624
ENSG00000167333	0.031686819	0.03296522	0.033964954	0.022502055
ENSG00000254221	0.020180131	0.025143781	0.025770876	0.018857874
ENSG00000102145	0.015923336	0.024872249	0.025765178	0.018015182
ENSG00000213079	0.029233328	0.03766339	0.038259594	0.027533743
ENSG00000099331	0.024636291	0.028520419	0.035475149	0.0276083
ENSG00000138071	0.039465646	0.046908259	0.043070227	0.041533249
ENSG00000128655	0.017108446	0.025694551	0.02483639	0.016477188
ENSG00000184588	0.054126874	0.054233144	0.048095711	0.046122893
ENSG00000175311	0.019717968	0.026755076	0.027324361	0.015322051
ENSG00000132357	0.027384186	0.032555407	0.034593675	0.024909328
ENSG00000104415	0.015227902	0.025375402	0.024985734	0.015147074
ENSG00000077514	0.034575844	0.036002503	0.032677816	0.027896661
ENSG00000122012	0.017425775	0.024630773	0.02465401	0.016311151
ENSG00000158941	0.025882208	0.033893855	0.036228757	0.029130226
ENSG00000104689	0.064008166	0.060730167	0.044055317	0.03891652
ENSG00000100949	0.034373438	0.035855603	0.034914876	0.028950332
ENSG00000178053	0.076725317	0.050437693	0.03909881	0.038410716
ENSG00000126746	0.022258912	0.029003894	0.034406531	0.020026355
ENSG00000133019	0.015950777	0.024846357	0.025320202	0.016894079
ENSG00000111711	0.034279832	0.041476363	0.045051953	0.029048158
ENSG00000198692	0.35483954	0.372940687	0.351787251	0.323761069
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ENSG00000143153	0.098668609	0.061466877	0.06921208	0.08810799
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ENSG00000071553	0.023512966	0.03008772	0.032323084	0.028590766
ENSG00000163286	0.016365695	0.025560415	0.02626835	0.015436119
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ENSG00000118007	0.038025784	0.043586573	0.033709556	0.03036637
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ENSG00000114948	0.140527731	0.040281708	0.029448443	0.090173551
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ENSG00000158023	0.03805449	0.033492149	0.028312418	0.026995095
ENSG00000189144	0.03725129	0.040401005	0.031848633	0.028306596
ENSG00000151338	0.01779534	0.024837514	0.024646878	0.015737884
ENSG00000099769	0.018031467	0.026203565	0.026513431	0.017096606
ENSG00000086570	0.017191577	0.025467111	0.025056303	0.015146436
ENSG00000183675	0.0267782	0.030768869	0.030548295	0.028752162
ENSG00000110002	0.06823233	0.056019971	0.044046087	0.048316397
ENSG00000188659	0.029228778	0.026243283	0.028128487	0.027818241
ENSG00000183378	0.026000853	0.028938104	0.029742946	0.022238115
ENSG00000139618	0.038896221	0.044452324	0.034635974	0.039536162
ENSG00000179165	0.040001825	0.029302791	0.030407865	0.026902622
ENSG00000092201	0.023873699	0.032030355	0.031331997	0.022831412

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ENSG0000160870	0.018366217	0.025725731	0.025517161	0.019458496
ENSG0000204397	0.048496989	0.043095944	0.041437233	0.043063392
ENSG0000130816	0.033016323	0.03855293	0.033592182	0.025332309
ENSG0000156395	0.028529008	0.02674337	0.027472724	0.019319918
ENSG0000105176	0.022060475	0.02934369	0.029628088	0.019408762
ENSG0000163914	0.015951509	0.025105899	0.024762389	0.01626551
ENSG0000122756	0.017751207	0.025140744	0.025167948	0.016547876
ENSG0000152822	0.016384489	0.0252385	0.025444627	0.017068339
ENSG0000196547	0.036482333	0.035624454	0.040020962	0.031111284
ENSG0000169903	0.016886551	0.026618497	0.025889718	0.015479424
ENSG0000242866	0.018450889	0.026539467	0.027577189	0.019318818
ENSG0000132205	0.062633257	0.050017038	0.045960222	0.055914863
ENSG0000100266	0.035741919	0.033263793	0.033842734	0.033322536
ENSG0000205639	0.013458905	0.02408737	0.024283446	0.013136268
ENSG0000132824	0.034771332	0.035318816	0.046719173	0.038047928
ENSG0000108599	0.025310724	0.036514143	0.031818518	0.026223005
ENSG0000079616	0.037895781	0.029239824	0.033728487	0.027044139
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ENSG0000112893	0.076801276	0.06033728	0.054420109	0.056232741
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ENSG0000114656	0.01574449	0.024709201	0.025283551	0.015935069
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ENSG0000089916	0.03178502	0.032392526	0.02999634	0.027530898
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ENSG0000184881	0.01635338	0.024978473	0.024819511	0.0146571
ENSG0000170276	0.016076701	0.024396785	0.023979532	0.014517781
ENSG0000196184	0.016998883	0.02539087	0.025298897	0.017596671
ENSG0000087128	0.01614297	0.026827415	0.026066636	0.015390566
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ENSG0000068831	0.022005905	0.036180135	0.036138273	0.035181882
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ENSG0000170260	0.022375853	0.031936855	0.033638247	0.020670278
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ENSG0000146166	0.018048902	0.026353257	0.025407571	0.015144255
ENSG0000197818	0.017676546	0.025891757	0.026464101	0.016575191
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ENSG00000126890	0.015555075	0.02576161	0.024638949	0.016007151
ENSG00000123570	0.032536439	0.035264619	0.035267167	0.030309845
ENSG00000167968	0.017161699	0.024024009	0.025311396	0.016002657
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ENSG00000253293	0.015756154	0.024464641	0.02533653	0.015730856
ENSG00000102069	0.026860697	0.033654487	0.029408254	0.023159915
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ENSG00000169252	0.042383502	0.049459018	0.032869561	0.033246058
ENSG00000105227	0.018986048	0.026782883	0.02648874	0.0167316
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ENSG00000147183	0.016689633	0.026555697	0.0262606	0.016653091
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ENSG00000204644	0.026156549	0.030341975	0.028597093	0.021009034
ENSG00000117984	0.03130569	0.029920875	0.032787289	0.030762606
ENSG00000188938	0.02710134	0.032871305	0.031236665	0.022657491
ENSG00000205220	0.023078557	0.028890388	0.028042748	0.017749491
ENSG00000179532	0.015488618	0.024539892	0.025561505	0.016973453
ENSG00000181649	0.089976762	0.06660561	0.062680358	0.080792092
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ENSG00000108296	0.037470322	0.040585737	0.038336268	0.035496538
ENSG00000143079	0.03426683	0.041614097	0.035555117	0.030247418
ENSG00000015413	0.016732602	0.025298594	0.024736684	0.014889873
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ENSG00000164008	0.024427275	0.026706409	0.0321961	0.022939311
ENSG00000122367	0.016092654	0.025028332	0.024579456	0.015081768
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ENSG00000100124	0.032248345	0.033933769	0.030259532	0.025464403
ENSG00000214717	0.023554427	0.035028975	0.032277427	0.032451296
ENSG00000129484	0.038637519	0.040505642	0.036821216	0.026113712
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ENSG00000102409	0.13342339	0.083958362	0.068404141	0.09030517
ENSG00000118160	0.016567964	0.02520211	0.024280642	0.015433096
ENSG00000112851	0.025862373	0.035021141	0.033669204	0.032145788
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ENSG00000170584	0.030141162	0.032106433	0.029080265	0.020714491
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ENSG00000198951	0.029837843	0.033333398	0.03612506	0.027683485
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ENSG00000171951	0.017050103	0.025042276	0.024831425	0.016026327
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ENSG00000116254	0.015137236	0.025195694	0.025345929	0.01457512
ENSG00000221838	0.027212752	0.027980701	0.030330167	0.021986922
ENSG00000162728	0.018020311	0.026246398	0.0252215	0.014563883
ENSG00000115756	0.016465736	0.028659897	0.027426741	0.01764838
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ENSG00000128578	0.023579889	0.026733375	0.029581838	0.0206405
ENSG00000068308	0.027011789	0.035592253	0.036279741	0.026069344
ENSG00000125656	0.023301943	0.027348463	0.026747099	0.018031273
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ENSG00000181588	0.024175795	0.031900502	0.030090191	0.019674636
ENSG00000166340	0.031466473	0.03368854	0.034765752	0.026844018
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ENSG00000188729	0.016004583	0.025358245	0.02538152	0.014912714
ENSG00000128802	0.014704317	0.025697103	0.024525341	0.015003168
ENSG00000171222	0.029977729	0.032273759	0.035544505	0.023500945
ENSG00000106004	0.03167566	0.030414574	0.028900344	0.034787124
ENSG00000197888	0.146435848	0.23035304	0.216147924	0.113393406
ENSG00000136929	0.016695495	0.025097341	0.025252336	0.015870434
ENSG00000146373	0.037665736	0.027759286	0.027451644	0.020275528
ENSG00000103534	0.015571437	0.024854702	0.025110529	0.015314795
ENSG00000227234	0.04836841	0.031739102	0.027433995	0.020836476
ENSG00000205126	0.018351015	0.027836	0.02483369	0.015135621
ENSG00000083312	0.022134375	0.026197804	0.026698592	0.015841498

ENSG00000139187	0.027925881	0.030908303	0.028707467	0.01799867
ENSG00000137161	0.034070527	0.030995945	0.040296968	0.037404882
ENSG00000121621	0.045748362	0.037607109	0.035680744	0.036651882
ENSG00000118900	0.029299875	0.035486351	0.033896633	0.025774666
ENSG00000143434	0.016948885	0.025057189	0.025485114	0.015089111
ENSG00000106683	0.015525838	0.025009383	0.024587296	0.016483106
ENSG00000002834	0.025868596	0.032135155	0.031960017	0.021955413
ENSG00000128645	0.018345393	0.027807366	0.026831921	0.01886043
ENSG00000005187	0.061118629	0.044149442	0.043925559	0.044256673
ENSG00000118894	0.026629351	0.028247942	0.028631986	0.024516526
ENSG00000119139	0.043534923	0.04447811	0.039476784	0.046088652
ENSG00000158796	0.024251367	0.031836739	0.034122135	0.021082521
ENSG00000136169	0.03647463	0.038985222	0.034318491	0.024571664
ENSG00000164338	0.021423389	0.027604289	0.024477542	0.025100453
ENSG00000123106	0.034595523	0.042820067	0.036661884	0.031062307
ENSG00000146842	0.028514513	0.033143582	0.035691811	0.0297292
ENSG00000254093	0.030249609	0.031436504	0.033571675	0.02775743
ENSG00000114541	0.01879732	0.025700329	0.025182512	0.017169782
ENSG00000173838	0.016126445	0.026416811	0.026148805	0.016347641
ENSG00000181634	0.035177943	0.034356762	0.036621271	0.034512463
ENSG00000134853	0.019854284	0.026429711	0.025881805	0.016384458
ENSG00000137070	0.016771945	0.025267183	0.025034764	0.016759427
ENSG00000033327	0.016726583	0.024769024	0.024575714	0.015504154
ENSG00000092208	0.038906542	0.040549836	0.032102117	0.027490183
ENSG00000178764	0.050191378	0.042011775	0.040199007	0.038599097
ENSG00000152894	0.128891204	0.105956062	0.088682451	0.109269887
ENSG00000000419	0.023308714	0.029989698	0.03144476	0.02324104
ENSG00000117472	0.071439332	0.051544962	0.051425376	0.051791525
ENSG00000117000	0.04429443	0.039359326	0.038599484	0.037838651
ENSG00000183091	0.021404018	0.029113263	0.026542337	0.020653262
ENSG00000176563	0.015921311	0.024555765	0.025869545	0.014936304
ENSG00000005020	0.042512167	0.044352733	0.040924243	0.032096221
ENSG00000023041	0.031569393	0.036088835	0.033858511	0.024798596
ENSG00000172728	0.020323513	0.026983442	0.027267751	0.019015504
ENSG00000159873	0.034703552	0.040176478	0.032973671	0.031451469
ENSG00000170906	0.025261417	0.029568492	0.029102003	0.024419937
ENSG00000172362	0.016260347	0.025047048	0.026308847	0.015070654
ENSG00000093183	0.027657674	0.032392263	0.031464721	0.024921346
ENSG00000187954	0.042529483	0.041115876	0.036185097	0.038148382
ENSG00000071991	0.01602606	0.025786059	0.02619105	0.015601689
ENSG00000164715	0.041484332	0.041219786	0.051933312	0.050151066
ENSG00000159658	0.021388293	0.030643226	0.03049508	0.022117094
ENSG00000085276	0.015619697	0.025687959	0.025142128	0.014676138
ENSG00000120686	0.033922494	0.040066096	0.0420809	0.030919163
ENSG00000118960	0.014958809	0.026333555	0.025166289	0.016608357
ENSG00000135040	0.027215453	0.031041427	0.03524382	0.022104746
ENSG00000143061	0.019182339	0.02731227	0.026273341	0.015457882
ENSG00000198883	0.016895083	0.025966818	0.025785507	0.016062505
ENSG00000118689	0.015663711	0.025564782	0.024690579	0.014442657
ENSG00000147689	0.01543411	0.025383177	0.024220394	0.01502601
ENSG00000137959	0.054055375	0.041948757	0.035656581	0.043221761
ENSG00000188994	0.037823597	0.045282839	0.034297959	0.055409298
ENSG00000101916	0.016334624	0.025150236	0.024674206	0.015227822
ENSG00000118503	0.035520205	0.033868285	0.036950794	0.035417286

ENSG00000158169	0.048855642	0.04756642	0.041658517	0.043473408
ENSG00000100726	0.036378124	0.036585859	0.036985592	0.03215754
ENSG00000185247	0.015746717	0.025230949	0.025091252	0.016520119
ENSG00000077150	0.037319338	0.033320607	0.036824468	0.038374082
ENSG00000182541	0.01701375	0.026022089	0.025317026	0.015292495
ENSG00000146197	0.015664175	0.025616826	0.025649619	0.014591366
ENSG00000204669	0.018037925	0.026849439	0.025474374	0.015879161
ENSG00000162413	0.036811696	0.041138973	0.041094644	0.029991711
ENSG00000108231	0.016307239	0.024970812	0.025131682	0.01528891
ENSG00000176485	0.085582482	0.068212205	0.059943193	0.072106856
ENSG00000120647	0.036446269	0.046279066	0.033726675	0.022819576
ENSG00000137198	0.083192737	0.06777542	0.057872111	0.069723561
ENSG00000132953	0.029023672	0.032212927	0.030077027	0.023201144
ENSG00000099995	0.023670891	0.030421613	0.029241113	0.023116704
ENSG00000134884	0.024239233	0.031015898	0.030061179	0.019106011
ENSG00000170291	0.033154903	0.044523079	0.053271264	0.032948174
ENSG00000182324	0.015366018	0.025672914	0.024908548	0.016918496
ENSG00000160305	0.017116673	0.02588747	0.025727337	0.017342486
ENSG00000129562	0.033226221	0.031660912	0.033297452	0.027852549
ENSG00000005022	0.023034261	0.027239118	0.028050178	0.02125774
ENSG00000174429	0.016538253	0.025214902	0.026105111	0.015324452
ENSG00000119650	0.033384754	0.036185195	0.032535573	0.028624821
ENSG00000180233	0.03266899	0.039569659	0.04160111	0.024868544
ENSG00000165730	0.034696108	0.02809405	0.028649103	0.016091981
ENSG00000084710	0.016435071	0.025294241	0.025467642	0.014873727
ENSG00000108344	0.027572624	0.031665621	0.034875009	0.029563366
ENSG00000203837	0.015127564	0.026479877	0.024842984	0.014658955
ENSG00000065675	0.016955201	0.034114334	0.026160269	0.017596234
ENSG00000127080	0.032259354	0.035065621	0.033168035	0.026536335
ENSG00000074855	0.021109429	0.026998692	0.027767725	0.018594026
ENSG00000122692	0.031840053	0.040862266	0.037312644	0.038069892
ENSG00000168310	0.035225968	0.051812411	0.05004658	0.056368106
ENSG00000213397	0.042214681	0.039853199	0.037151706	0.033287311
ENSG00000094631	0.026261435	0.033042552	0.033532631	0.029476309
ENSG00000075884	0.024121835	0.028133915	0.028483659	0.021806135
ENSG00000159202	0.022052491	0.027952185	0.027745728	0.019664158
ENSG00000100417	0.02982263	0.029511044	0.030925508	0.022458761
ENSG00000182557	0.027974239	0.029106173	0.02764229	0.026809973
ENSG00000140988	0.01355623	0.02325386	0.023818271	0.014368619
ENSG00000090402	0.017629736	0.025113524	0.028371988	0.015780911
ENSG00000077522	0.014788753	0.024732853	0.023996109	0.014679379
ENSG00000188293	0.016525153	0.025231509	0.02435816	0.016068521
ENSG00000135253	0.015823786	0.02456639	0.024693612	0.015827852
ENSG00000138101	0.047250679	0.053892508	0.047105054	0.045209293
ENSG00000166902	0.023470185	0.02844648	0.027960185	0.021878907
ENSG00000240563	0.137944642	0.146492635	0.149933565	0.106708967
ENSG00000112116	0.01655184	0.025230822	0.025266346	0.01545606
ENSG00000141431	0.01676029	0.024934475	0.024275012	0.015396315
ENSG00000071859	0.032028975	0.030230158	0.033165068	0.023524674
ENSG00000116774	0.016570174	0.027331647	0.025637753	0.018684684
ENSG00000214042	0.016500724	0.024753651	0.02537993	0.01514807
ENSG00000007933	0.017663237	0.02528813	0.025429412	0.016863199
ENSG00000132570	0.036885827	0.037099686	0.032694131	0.025692777
ENSG00000170791	0.032726812	0.038815847	0.043556541	0.031210304

ENSG0000090863	0.033118344	0.031692884	0.033404018	0.029908546
ENSG00000211445	0.015416083	0.024991809	0.025886729	0.015842399
ENSG00000104427	0.050280079	0.04178521	0.038307972	0.048136603
ENSG00000126752	0.022696549	0.02643232	0.02445089	0.014885761
ENSG00000176809	0.016457523	0.026076219	0.023945421	0.014506713
ENSG00000171928	0.015439028	0.025739919	0.024634264	0.016304866
ENSG00000056661	0.082936977	0.062020236	0.062787063	0.0709379
ENSG00000188710	0.016127714	0.025223021	0.024747016	0.014042595
ENSG00000152527	0.017095694	0.026020747	0.024614118	0.01891928
ENSG00000154269	0.016798414	0.024951613	0.025131156	0.016696337
ENSG00000140740	0.019581284	0.026437248	0.026839322	0.016147621
ENSG00000100324	0.025771951	0.028316936	0.028262478	0.019462292
ENSG00000126351	0.015640598	0.025909847	0.025480273	0.015419097
ENSG00000164638	0.045404391	0.04775371	0.041107716	0.053802203
ENSG00000149201	0.01692778	0.026558004	0.025105708	0.015379476
ENSG00000183844	0.025549749	0.02877223	0.037150961	0.027579845
ENSG00000122679	0.017764777	0.025860577	0.024826442	0.016113115
ENSG00000164265	0.014206857	0.024367929	0.024853825	0.013695742
ENSG00000092203	0.022704251	0.032125024	0.031875707	0.026449948
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ENSG00000180532	0.033114241	0.024508477	0.027252741	0.016770201
ENSG00000162639	0.061639313	0.054064922	0.056752748	0.063003499
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ENSG00000143575	0.023059166	0.027017397	0.02949369	0.022196467
ENSG00000167987	0.032101258	0.035896541	0.031792425	0.028792053
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ENSG00000102076	0.016311238	0.024152257	0.024197645	0.015539354
ENSG00000142173	0.017678129	0.024559931	0.024855213	0.016117035
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ENSG00000196337	0.01620731	0.025081805	0.025051847	0.015937117
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ENSG00000196188	0.014949379	0.025636162	0.025062222	0.015561242
ENSG00000125780	0.016810018	0.026192054	0.025000808	0.014153156
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ENSG00000134389	0.01670202	0.025314555	0.025693306	0.016635046
ENSG00000178685	0.0337113	0.03917419	0.031457039	0.025805383
ENSG00000178075	0.049487049	0.032436178	0.036628578	0.049279001
ENSG00000170915	0.079862624	0.075325613	0.068837146	0.047409862
ENSG00000050130	0.030343046	0.037371748	0.035796294	0.024271458
ENSG00000198466	0.041476131	0.046999855	0.042514777	0.035408649
ENSG00000138834	0.023349434	0.041115017	0.027225791	0.033498064
ENSG00000117751	0.038284471	0.034686463	0.033405003	0.031071899
ENSG00000131584	0.028087567	0.047722356	0.033927311	0.034628492
ENSG00000151552	0.059936695	0.039768322	0.039388889	0.054815862
ENSG00000140092	0.026689393	0.027560796	0.025445008	0.019485086
ENSG00000122386	0.033915439	0.034989585	0.035656629	0.028680455
ENSG00000146707	0.096217838	0.084467701	0.041211381	0.06705406
ENSG00000070770	0.025748217	0.032801594	0.030930322	0.027930161
ENSG00000130711	0.021620745	0.029416247	0.026427048	0.019317392
ENSG00000126432	0.021854474	0.026652489	0.025815127	0.019975282
ENSG00000128536	0.01749768	0.02552238	0.024689035	0.015425644
ENSG00000107742	0.050836506	0.049931903	0.029935539	0.035100782
ENSG00000152082	0.043934314	0.041607517	0.038020772	0.030170083

ENSG00000121690	0.075444691	0.059799825	0.059648125	0.061628371
ENSG00000145388	0.032232998	0.03713948	0.03453713	0.025395644
ENSG00000105722	0.0239528	0.030038349	0.031442285	0.026380316
ENSG00000143393	0.032821853	0.034754224	0.044528303	0.035198576
ENSG00000066777	0.025672496	0.034824886	0.030528859	0.022322207
ENSG00000091181	0.017739466	0.026203721	0.026323656	0.015438533
ENSG00000125351	0.029488151	0.035230741	0.033086442	0.029261982
ENSG00000157014	0.031902696	0.034174726	0.035113282	0.028905679
ENSG00000168397	0.038007207	0.039530174	0.038404886	0.036534104
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ENSG00000167757	0.016902219	0.025280776	0.024691644	0.015533303
ENSG00000159261	0.029705582	0.031875641	0.029924201	0.02507893
ENSG00000183395	0.037783812	0.034140423	0.034366468	0.03330244
ENSG00000121210	0.025259995	0.033669311	0.030526544	0.026760383
ENSG00000101327	0.016741797	0.026621769	0.024796138	0.017414716
ENSG00000133789	0.031819828	0.056508254	0.033842978	0.0313275
ENSG00000115386	0.014965783	0.024024468	0.024662362	0.014793087
ENSG00000126581	0.022417575	0.029149472	0.031185685	0.02383131
ENSG00000135829	0.04666047	0.078509121	0.045986566	0.075533057
ENSG00000176014	0.094338192	0.055899157	0.052800945	0.066535912
ENSG00000205744	0.025804669	0.029618737	0.029328605	0.021968327
ENSG00000144290	0.017044244	0.025744698	0.024746574	0.015163601
ENSG00000080371	0.028891122	0.031337315	0.030029306	0.026653426
ENSG00000103121	0.027699436	0.031345664	0.029498371	0.020127711
ENSG00000179059	0.017638376	0.026692866	0.026340682	0.017085156
ENSG00000169085	0.017415958	0.026730943	0.025865537	0.016592579
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ENSG00000114331	0.038515799	0.038233739	0.042930511	0.026701399
ENSG00000118985	0.043777692	0.045161527	0.052004596	0.048712508
ENSG00000168993	0.020457513	0.028119708	0.027025976	0.021159645
ENSG00000124523	0.03301097	0.04097002	0.03412129	0.029550565
ENSG00000180921	0.04354317	0.033310518	0.035702643	0.033004601
ENSG0000009335	0.029776504	0.036059941	0.032297058	0.026677711
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ENSG00000106100	0.02639785	0.031679847	0.034259864	0.030847768
ENSG00000177463	0.02621221	0.032998293	0.029834258	0.022150432
ENSG00000161681	0.016386787	0.025389388	0.025059307	0.015131843
ENSG00000206560	0.028712935	0.034651125	0.031221505	0.024457988
ENSG00000155868	0.029226648	0.033503613	0.031839714	0.020009075
ENSG00000145882	0.035070038	0.039052773	0.033493681	0.028331383
ENSG00000124574	0.040283881	0.040410755	0.032849598	0.034812648
ENSG00000104147	0.045567361	0.041369066	0.034099332	0.03546517
ENSG00000115523	0.016368531	0.025398371	0.024885322	0.015213976
ENSG00000163114	0.016888237	0.025832234	0.024651684	0.016426861
ENSG00000039537	0.017080171	0.025005397	0.024448705	0.014706645
ENSG00000198160	0.030687044	0.037610816	0.034103825	0.02720719
ENSG00000103319	0.0412959	0.037530641	0.032512761	0.030739249
ENSG00000099204	0.034039826	0.031532048	0.031483812	0.034322766
ENSG00000002587	0.086754148	0.09137417	0.077706133	0.090875061
ENSG00000165185	0.015493484	0.025451118	0.025409987	0.015835073
ENSG00000196581	0.015481358	0.025326267	0.024315199	0.015248707
ENSG00000132671	0.017501809	0.026965055	0.02555939	0.014747729

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ENSG00000007255	0.027184922	0.029564824	0.03431393	0.028613791
ENSG00000136986	0.031298852	0.036334377	0.036911245	0.026960181
ENSG00000166401	0.047951972	0.064133473	0.059474232	0.058610176
ENSG00000091732	0.020488718	0.028728969	0.028099665	0.02087262
ENSG00000120937	0.016356994	0.025341498	0.025025705	0.015600344
ENSG00000164746	0.015408759	0.024231686	0.025402271	0.015517267
ENSG00000111537	0.070263234	0.061617718	0.085003303	0.083526528
ENSG00000164530	0.019690342	0.025146538	0.02553628	0.019103122
ENSG00000205669	0.016047756	0.024010867	0.025480608	0.015764098
ENSG00000183864	0.020299816	0.025539886	0.0255031	0.017594321
ENSG00000166483	0.037975749	0.041857252	0.038618603	0.035525888
ENSG00000066697	0.03775867	0.038987988	0.03341247	0.030958816
ENSG00000165046	0.016180799	0.025811202	0.025164906	0.019508928
ENSG00000188158	0.018034285	0.028159347	0.026124026	0.017643389
ENSG00000163206	0.020304091	0.026702878	0.030515521	0.0170548
ENSG00000002745	0.014463963	0.025249323	0.024966274	0.014160133
ENSG00000134955	0.049237846	0.05271475	0.049782566	0.056900179
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ENSG00000167196	0.04017253	0.036646297	0.031013971	0.029410167
ENSG00000170312	0.038953955	0.036950033	0.031752367	0.030209097
ENSG00000154978	0.021095356	0.029567639	0.02882174	0.021897137
ENSG00000182168	0.016147492	0.024485472	0.024970286	0.0141762
ENSG00000157884	0.015840601	0.024580855	0.024803501	0.016132707
ENSG00000156453	0.015744031	0.025194078	0.024620963	0.015839883
ENSG00000105258	0.023510094	0.028025729	0.027524843	0.018693056
ENSG00000116580	0.025205107	0.035503282	0.040172921	0.027264772
ENSG00000090889	0.044861235	0.038793166	0.034913575	0.032155371
ENSG00000163950	0.033764765	0.032282826	0.033168454	0.030432773
ENSG00000197702	0.018746947	0.027321068	0.02704217	0.020390088
ENSG00000170558	0.133397115	0.082586775	0.042432267	0.064972204
ENSG00000117724	0.053104618	0.045252429	0.03795297	0.041500705
ENSG00000130540	0.015857413	0.024935775	0.023946826	0.014221132
ENSG00000095574	0.027630243	0.03813544	0.029760156	0.042741747
ENSG00000197711	0.01550623	0.024480521	0.024695489	0.014845522
ENSG00000166529	0.031951494	0.044204553	0.042974303	0.026104845
ENSG00000138942	0.02389873	0.03138314	0.035239157	0.020515618
ENSG00000159140	0.03102963	0.038023892	0.038437662	0.029095695
ENSG00000150756	0.034819412	0.035275512	0.031394845	0.029087978
ENSG00000206530	0.017548507	0.025686954	0.025542486	0.016907452
ENSG00000025770	0.022829989	0.030852786	0.027495432	0.020687447
ENSG00000112425	0.034458697	0.031432984	0.030454358	0.028748173
ENSG00000182223	0.017801313	0.025926165	0.024538325	0.015786202
ENSG00000160789	0.055156001	0.047020346	0.047024054	0.042026367
ENSG00000222014	0.027059272	0.030013939	0.032959415	0.026582388
ENSG00000058804	0.044611764	0.041648725	0.036166514	0.029289214
ENSG00000168014	0.016669835	0.027789811	0.025864188	0.016489269
ENSG00000104980	0.025765771	0.028848746	0.033904067	0.022786855
ENSG00000150086	0.01727783	0.024672081	0.026084694	0.016224266
ENSG00000131748	0.020724586	0.02809556	0.034768534	0.024668495
ENSG00000003989	0.015586105	0.025105191	0.025013974	0.015364779
ENSG00000159905	0.029060602	0.035188445	0.028599567	0.024465067
ENSG00000108591	0.024118329	0.028320424	0.03356492	0.024997389
ENSG00000143341	0.016442964	0.025695637	0.024978714	0.015998658

ENSG00000131042	0.048843064	0.030954985	0.025379357	0.016975378
ENSG00000163251	0.028110345	0.033535306	0.031183538	0.025531778
ENSG00000203667	0.035173632	0.036290316	0.030100376	0.030411708
ENSG00000203805	0.018310089	0.027745048	0.026557913	0.017141708
ENSG00000145907	0.021774842	0.027858594	0.026908135	0.019042395
ENSG00000135407	0.029849283	0.02683479	0.027696705	0.019193214
ENSG00000139132	0.017855969	0.025525078	0.025388719	0.016218688
ENSG00000244474	0.018446831	0.024942987	0.024684463	0.016940563
ENSG00000100294	0.031813798	0.033690852	0.033721894	0.02916515
ENSG00000106565	0.022432245	0.024120063	0.02746517	0.014737903
ENSG00000204950	0.013535252	0.02369377	0.023418145	0.013160018
ENSG00000171302	0.021673252	0.031921883	0.038706942	0.023132064
ENSG00000148090	0.041626781	0.04737797	0.036883723	0.040628791
ENSG00000163040	0.106177445	0.077448878	0.078356042	0.084960325
ENSG00000105698	0.02443556	0.0325103	0.034933563	0.026154786
ENSG00000171711	0.09918622	0.050600527	0.052521663	0.054679744
ENSG00000153303	0.016029632	0.024284757	0.025676686	0.014701237
ENSG00000164850	0.097856833	0.072897123	0.059648812	0.07401732
ENSG00000130338	0.037286401	0.035769376	0.034649151	0.036485329
ENSG00000054179	0.083370799	0.045114766	0.036611757	0.06122421
ENSG00000173641	0.015479217	0.024992926	0.02425692	0.015029777
ENSG00000101412	0.038082534	0.032492216	0.042720086	0.031945187
ENSG00000100739	0.018137784	0.024979716	0.026332699	0.015161266
ENSG00000172534	0.031965078	0.0327226	0.038038862	0.029269487
ENSG00000134020	0.019021854	0.026639334	0.026726474	0.021948562
ENSG00000160917	0.026220702	0.029407273	0.030512369	0.024268057
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ENSG00000186832	0.016482486	0.02567582	0.025959658	0.016869866
ENSG00000146282	0.027377803	0.030309932	0.032811313	0.01841812
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ENSG00000189433	0.014943347	0.024809986	0.024965098	0.0138683
ENSG00000047621	0.03212917	0.042685024	0.034231924	0.029840784
ENSG00000115414	0.016428402	0.025275607	0.024847338	0.015865736
ENSG00000112297	0.049473334	0.040584647	0.04316362	0.043321931
ENSG00000128298	0.023604908	0.028851077	0.029182064	0.024861713
ENSG00000067057	0.035505568	0.030609492	0.027523772	0.025452157
ENSG00000105726	0.038071343	0.039911313	0.034970791	0.029140989
ENSG00000166925	0.022438395	0.030115155	0.028557979	0.023801693
ENSG00000204389	0.060202499	0.044211113	0.04729918	0.047138926
ENSG00000136480	0.041468415	0.044732583	0.032709865	0.030680805
ENSG00000175857	0.054995601	0.065299271	0.050843864	0.07826177
ENSG00000107831	0.016177901	0.027518783	0.026480212	0.017049708
ENSG00000171843	0.038144041	0.035263139	0.035198729	0.028231763
ENSG00000184348	0.027503513	0.027989495	0.038669451	0.029135483
ENSG00000035141	0.034316356	0.035784148	0.036088863	0.031836758
ENSG00000162745	0.014989147	0.024642753	0.024253248	0.0157531
ENSG00000177700	0.026664772	0.029785359	0.028714823	0.029543971
ENSG00000213064	0.019776716	0.025666579	0.028256662	0.017510568
ENSG00000169181	0.01588068	0.026193948	0.025697659	0.015786084
ENSG00000134262	0.030712312	0.036409835	0.03128216	0.026458292
ENSG00000135392	0.027424953	0.033563834	0.03381903	0.024061078
ENSG00000204245	0.018801222	0.024801684	0.024571198	0.017796067
ENSG00000188283	0.033529263	0.03952812	0.035613047	0.025705932
ENSG00000092199	0.020046379	0.027801607	0.027969894	0.016509328

ENSG00000171931	0.016273181	0.025389282	0.024985519	0.015847539
ENSG00000131634	0.015038701	0.02591063	0.026299386	0.018761171
ENSG00000003137	0.01566006	0.025282994	0.02568616	0.016392196
ENSG00000118873	0.028386569	0.035152506	0.031825303	0.024306201
ENSG00000071462	0.02457367	0.029343628	0.029899617	0.0220487
ENSG00000151726	0.039126235	0.042666772	0.036224106	0.033172354
ENSG00000187824	0.040620279	0.038460483	0.038290387	0.042796818
ENSG00000173908	0.015951355	0.024610654	0.024652004	0.015560448
ENSG00000084090	0.024947403	0.026250656	0.027334169	0.022679177
ENSG00000176623	0.030225267	0.030768962	0.029931445	0.019732395
ENSG00000196576	0.034544487	0.039756691	0.040952864	0.031578287
ENSG00000146950	0.022749759	0.02807799	0.024819305	0.018257193
ENSG00000131089	0.047508133	0.046282389	0.044866957	0.03692219
ENSG00000075292	0.03224106	0.040131297	0.035019401	0.027166115
ENSG00000113790	0.047144883	0.0402437	0.036621816	0.035711628
ENSG00000242110	0.039043194	0.03540035	0.033049774	0.033086762
ENSG00000169548	0.014602881	0.024590126	0.025726569	0.014994176
ENSG00000162772	0.018449185	0.027882845	0.026594075	0.018396162
ENSG00000010295	0.016293626	0.025374179	0.025612083	0.015937719
ENSG00000143590	0.017078435	0.024816311	0.02489661	0.015473409
ENSG00000197136	0.027313973	0.033463355	0.037432773	0.033624441
ENSG00000186468	0.013729473	0.023643715	0.024163639	0.014867874
ENSG00000123689	0.168349923	0.089792488	0.099889473	0.129237771
ENSG00000163516	0.049234237	0.043215965	0.049362136	0.043650533
ENSG00000139780	0.016417795	0.026026227	0.025546198	0.017105404
ENSG00000110171	0.016191119	0.025360971	0.025591468	0.014749051
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ENSG00000175445	0.016379077	0.02485049	0.025438006	0.01418836
ENSG00000145777	0.017490732	0.025756885	0.025910087	0.015805938
ENSG00000116761	0.062796042	0.056819055	0.046801342	0.049033818
ENSG00000181191	0.031040309	0.038384687	0.032168535	0.029751823
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ENSG00000087365	0.020666066	0.027585907	0.030335297	0.017744754
ENSG00000086991	0.019237163	0.025599311	0.027838173	0.017140701
ENSG00000145703	0.054166931	0.040284148	0.036120661	0.029880407
ENSG00000169840	0.014561464	0.024773237	0.025231604	0.014011574
ENSG00000185737	0.016912915	0.024232179	0.026045797	0.015433855
ENSG00000243477	0.038725023	0.033657846	0.033110796	0.030267787
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ENSG00000121413	0.106621979	0.070807226	0.089898483	0.092268877
ENSG00000158813	0.019041334	0.026493057	0.027297897	0.019078578
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ENSG00000155816	0.016046985	0.024905439	0.025168528	0.01405759
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ENSG00000117335	0.033517773	0.037231727	0.033003855	0.028195039
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ENSG00000102316	0.023008702	0.029811425	0.03256865	0.022219297
ENSG00000235109	0.032722795	0.035932303	0.03597612	0.030553111
ENSG00000168385	0.020140475	0.029259773	0.027911627	0.020287503
ENSG00000101282	0.015061225	0.025550263	0.025891655	0.015671418
ENSG00000107341	0.028060458	0.031714277	0.030008229	0.024043948
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ENSG00000102445	0.102590702	0.065324643	0.080728426	0.090829987
ENSG00000164867	0.016592002	0.024969799	0.025492367	0.017158832
ENSG00000171827	0.031082293	0.032935524	0.033726582	0.028465363
ENSG00000197050	0.038698318	0.038860349	0.031911021	0.043280785
ENSG00000162194	0.027574747	0.030884559	0.03251694	0.038788634
ENSG00000158987	0.024245129	0.032845108	0.0310757	0.021151261
ENSG00000102981	0.043019683	0.043816562	0.038978453	0.033226645
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ENSG00000135926	0.039000852	0.037285533	0.037244807	0.039021524
ENSG00000204296	0.015865699	0.02438501	0.024246871	0.01432435
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ENSG00000123561	0.015605951	0.025224237	0.025145495	0.014649523
ENSG00000156140	0.014714475	0.02488536	0.024706396	0.014692145
ENSG00000163071	0.078386429	0.075112082	0.046065909	0.059805032
ENSG00000120539	0.040046249	0.040843324	0.041722661	0.044235035
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ENSG00000169836	0.016125276	0.026442033	0.024763826	0.016084421
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ENSG00000198382	0.025777573	0.031094177	0.033809398	0.025469594
ENSG00000144355	0.019214751	0.024952513	0.026816729	0.018096429
ENSG00000170448	0.032836171	0.032601129	0.031401404	0.026501556
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ENSG00000130695	0.020913662	0.026063245	0.029662593	0.015679723
ENSG00000135002	0.027163656	0.032815093	0.032636436	0.025373404
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ENSG00000125967	0.033641794	0.034459879	0.034235069	0.034468963
ENSG00000161677	0.033677641	0.034467881	0.03397512	0.034129777
ENSG00000237441	0.029636525	0.03482543	0.035018119	0.031837686
ENSG00000157741	0.022274107	0.027736332	0.030726605	0.023711675
ENSG00000166452	0.014997226	0.024673368	0.024489264	0.015257825
ENSG00000105321	0.033328278	0.036330615	0.040960041	0.028417557
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ENSG00000166926	0.050286384	0.034074476	0.030700592	0.040028252
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ENSG00000072041	0.015001525	0.024682196	0.024612176	0.016254889
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ENSG00000160323	0.016133949	0.025783653	0.024670083	0.015762933
ENSG00000137700	0.035989963	0.033595349	0.030481505	0.029535915
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ENSG00000170835	0.025241054	0.031095032	0.02785248	0.025898773
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ENSG00000089902	0.018891823	0.026660596	0.026490501	0.017833216
ENSG00000140379	0.036421737	0.043780623	0.041099814	0.039226382
ENSG00000177981	0.022567739	0.031332221	0.034809129	0.019448429
ENSG00000061918	0.141704676	0.117172291	0.111720392	0.107642689
ENSG00000166828	0.016107697	0.024863821	0.024281532	0.014851784
ENSG00000171467	0.036153803	0.044533449	0.037404818	0.035523714
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ENSG00000155749	0.014998894	0.025368193	0.024618203	0.016262817
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ENSG00000243130	0.016587611	0.025384128	0.025680088	0.015186789
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ENSG00000182601	0.017626955	0.027727841	0.028520405	0.018947895
ENSG00000173163	0.029035583	0.030651727	0.031385608	0.028940029
ENSG00000185291	0.068215316	0.065891032	0.049132511	0.067530557
ENSG00000157483	0.025146776	0.030040337	0.02850085	0.025720165
ENSG00000132361	0.031792119	0.030392814	0.029973911	0.033606259
ENSG00000026297	0.045640144	0.032559263	0.030137073	0.025578582
ENSG00000171566	0.02308499	0.031075273	0.028487271	0.017930471
ENSG00000166800	0.01957487	0.026481608	0.025469844	0.018799665
ENSG00000107021	0.022542934	0.032182085	0.035526001	0.02179587
ENSG00000118363	0.03186854	0.036719471	0.030228323	0.025716346
ENSG00000181929	0.028353823	0.031209308	0.0312424	0.02785137
ENSG00000126705	0.02847293	0.036564987	0.031907172	0.032794383
ENSG00000174083	0.051516936	0.039303232	0.040004665	0.046954021
ENSG00000007866	0.019165197	0.024835583	0.026901042	0.016358604
ENSG00000176788	0.043089601	0.032068603	0.034464593	0.02780444

ENSG00000180638	0.015759453	0.024612321	0.024601902	0.015555846
ENSG00000162852	0.031455845	0.035091201	0.032995287	0.025965859
ENSG00000130368	0.016792199	0.026656635	0.027385936	0.017074981
ENSG00000106799	0.01968963	0.026770272	0.029745654	0.019517325
ENSG00000116791	0.046230469	0.045775603	0.040959053	0.040037101
ENSG00000185022	0.017503519	0.024989503	0.02527249	0.016686596
ENSG00000239886	0.015404123	0.024798755	0.024819533	0.016148566
ENSG00000140945	0.015668934	0.024343818	0.025435919	0.015131954
ENSG00000169908	0.016044777	0.024919365	0.024551853	0.014441053
ENSG00000010438	0.018812039	0.02605348	0.025246079	0.017394121
ENSG00000154319	0.08439645	0.08877955	0.093099405	0.089785388
ENSG00000102271	0.017308408	0.027944527	0.026110884	0.015412192
ENSG00000129226	0.019849405	0.029049982	0.026814581	0.019707426
ENSG00000136696	0.015355211	0.026028151	0.024273612	0.015573541
ENSG00000113722	0.016129432	0.024585191	0.024287793	0.016066382
ENSG00000242259	0.024333022	0.031687674	0.029121618	0.024442698
ENSG00000101447	0.056710623	0.040110829	0.045745725	0.043255069
ENSG00000104969	0.024098303	0.030413108	0.034570129	0.023071973
ENSG00000148602	0.015568508	0.025431309	0.025238782	0.016231692
ENSG00000198547	0.017801574	0.027227386	0.026054351	0.016714484
ENSG00000171448	0.031123182	0.034279405	0.031119492	0.027118466
ENSG00000110108	0.039404226	0.032928371	0.036296735	0.032250948
ENSG00000187013	0.01575147	0.025240995	0.024648495	0.016419285
ENSG00000158201	0.047330478	0.048522406	0.036532701	0.032055026
ENSG00000070047	0.027599686	0.034377391	0.03244698	0.025918748
ENSG00000176024	0.029809147	0.038594176	0.041297444	0.025478434
ENSG00000103707	0.032048086	0.036053908	0.032363747	0.025577995
ENSG00000183742	0.064984625	0.055715028	0.056996263	0.069490556
ENSG00000107281	0.065725838	0.040240844	0.033434842	0.046126723
ENSG00000007216	0.016208264	0.025055065	0.024632738	0.015428633
ENSG00000183434	0.015056827	0.02488176	0.02427183	0.014654492
ENSG00000111843	0.024318307	0.031680708	0.028510197	0.024278952
ENSG00000103502	0.018124692	0.026539795	0.027685326	0.023533145
ENSG00000130385	0.01896688	0.024734804	0.02484826	0.015866746
ENSG00000117419	0.024007087	0.030659458	0.027995723	0.020362185
ENSG00000179104	0.039206378	0.038487059	0.035201447	0.028270379
ENSG00000122359	0.019934831	0.025980808	0.026516668	0.021981049
ENSG00000123191	0.018027017	0.032257951	0.027527846	0.022938451
ENSG00000102974	0.031461518	0.03246234	0.031505384	0.027055387
ENSG00000140505	0.021819631	0.025456865	0.02564312	0.01726246
ENSG00000128928	0.040092915	0.044858641	0.038874843	0.034274779
ENSG00000180035	0.016373659	0.025624388	0.025514105	0.016080747
ENSG00000198203	0.016294431	0.025192495	0.024814889	0.015755166
ENSG00000127125	0.025623988	0.031433852	0.029677213	0.035515588
ENSG00000176490	0.044192541	0.047774781	0.040029909	0.043006734
ENSG00000072134	0.027963597	0.031162529	0.033367215	0.026313721
ENSG00000176383	0.017830031	0.027179276	0.026241799	0.018099006
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ENSG00000176225	0.043232723	0.040273417	0.034766979	0.039519937
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ENSG00000008513	0.018591115	0.028183568	0.026400677	0.022135296
ENSG00000116586	0.028208919	0.032493119	0.028433546	0.025656574
ENSG00000185730	0.031815675	0.035063659	0.032410006	0.03036404
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ENSG00000101470	0.016831071	0.024860655	0.024582388	0.018384203
ENSG00000181458	0.08391894	0.06443536	0.063206352	0.064417933
ENSG00000106327	0.02233974	0.030752677	0.027256912	0.019299604
ENSG00000108578	0.028493328	0.033394064	0.029510537	0.024241332
ENSG00000167768	0.015790825	0.024226392	0.02466552	0.015182135
ENSG00000138075	0.031473902	0.031291571	0.029793672	0.017579131
ENSG00000151892	0.01557343	0.025915667	0.024882841	0.015694274
ENSG00000072657	0.016963872	0.024224048	0.025019165	0.01514854
ENSG00000147459	0.01902047	0.024891738	0.025629042	0.018668398
ENSG00000115687	0.055714187	0.050646547	0.053631495	0.053825928
ENSG00000106034	0.015804978	0.025135711	0.024933703	0.015230922
ENSG00000135097	0.018902136	0.028414767	0.027611695	0.017482443
ENSG00000145375	0.015567444	0.02495243	0.024397912	0.015409929
ENSG00000104814	0.027836443	0.031689823	0.029473475	0.025338559
ENSG00000128585	0.03018806	0.035301344	0.033911149	0.024755568
ENSG00000010361	0.019298168	0.02790186	0.025466427	0.018794819
ENSG00000135517	0.015965796	0.024944279	0.024733781	0.014164138
ENSG00000156475	0.014788432	0.025486242	0.025432368	0.014427058
ENSG00000100003	0.042042943	0.03682297	0.032240516	0.029998544
ENSG00000181847	0.01870349	0.026556948	0.027840075	0.015670313
ENSG00000115507	0.016158557	0.026497033	0.025118892	0.016305526
ENSG00000167562	0.03349866	0.037226715	0.040596964	0.043999171
ENSG00000185787	0.020831188	0.026828968	0.026333401	0.018547616
ENSG00000064309	0.015290889	0.025650172	0.025267009	0.016131294
ENSG00000128276	0.015578616	0.024943454	0.02476774	0.015853171
ENSG00000102524	0.064215589	0.048920159	0.049150967	0.057434422
ENSG00000175826	0.026045945	0.033025389	0.041834049	0.03789774
ENSG00000176102	0.0430993	0.050003161	0.040287313	0.034739696
ENSG00000166961	0.018105523	0.02598244	0.027483294	0.016363622
ENSG00000158859	0.016489711	0.025561685	0.025037072	0.015221335
ENSG00000103150	0.030591692	0.039899389	0.034773215	0.036178201
ENSG00000137673	0.204689587	0.146915561	0.131663118	0.16001956
ENSG00000164100	0.016082047	0.024709189	0.024129475	0.014807151
ENSG00000127527	0.024550272	0.032747543	0.028892924	0.023948291
ENSG00000204852	0.054638724	0.043474298	0.033333723	0.045144278
ENSG00000052749	0.036969965	0.036698804	0.037192373	0.036705114
ENSG00000174579	0.03079814	0.039542926	0.03623733	0.025595441
ENSG00000176742	0.017190324	0.025567028	0.024766567	0.014970855
ENSG00000125363	0.015157201	0.024675391	0.025272501	0.015814286
ENSG00000198431	0.047421836	0.042187227	0.039605817	0.035155788
ENSG00000170803	0.019024623	0.025924049	0.027751014	0.017745403
ENSG00000150750	0.016717018	0.02574251	0.025815692	0.016760765
ENSG00000130508	0.109354792	0.130305392	0.099686832	0.125314177
ENSG00000196767	0.015772086	0.024810616	0.024486627	0.014836826
ENSG00000166816	0.01749105	0.025717799	0.0256635	0.017522394
ENSG00000072682	0.097839278	0.063698435	0.06213783	0.074422912
ENSG00000187840	0.042208722	0.031434232	0.031984412	0.029689528
ENSG00000159455	0.015713913	0.025029335	0.024818963	0.015693856
ENSG00000007314	0.016100123	0.02603141	0.024562531	0.014984013
ENSG00000142515	0.015979204	0.025508617	0.025650536	0.014349552
ENSG00000114554	0.043141158	0.03690123	0.036242823	0.039150739
ENSG00000160202	0.017266376	0.025639366	0.025874296	0.015281448
ENSG00000004660	0.0149606	0.023911478	0.024582647	0.0143303
ENSG00000134184	0.202087581	0.184818758	0.165499833	0.16917334

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ENSG00000178996	0.016992864	0.02480386	0.024536804	0.015286803
ENSG00000165496	0.015388739	0.025551574	0.025678692	0.016381917
ENSG00000162782	0.019887334	0.025736849	0.024891909	0.017942569
ENSG00000165389	0.034782482	0.036905461	0.034034961	0.03059118
ENSG00000135972	0.02672556	0.031468888	0.028848055	0.023739071
ENSG00000140443	0.015472364	0.024684436	0.025266222	0.015109258
ENSG00000124209	0.034676897	0.040926684	0.03662952	0.031357596
ENSG00000204131	0.016551906	0.024892362	0.024338659	0.015690231
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ENSG00000145632	0.055783814	0.047395675	0.040639052	0.041493759
ENSG00000103254	0.035502928	0.032948127	0.03264287	0.030963868
ENSG00000185418	0.038256215	0.040476786	0.040375246	0.036013079
ENSG00000154736	0.016634238	0.025476702	0.026958831	0.016020325
ENSG00000225697	0.03213253	0.035530782	0.029880791	0.037297668
ENSG00000109686	0.016772119	0.024734522	0.024683726	0.015940852
ENSG00000183067	0.015626737	0.025481867	0.024345915	0.0156227
ENSG00000148346	0.015786776	0.025569249	0.025226965	0.014871201
ENSG00000147457	0.036360118	0.035286932	0.033880027	0.02512192
ENSG00000180772	0.01574225	0.024431941	0.02570387	0.016115955
ENSG00000182004	0.019967656	0.026106855	0.025891993	0.018282951
ENSG00000116690	0.017010306	0.02581257	0.026570653	0.017542768
ENSG00000136014	0.015304436	0.025051908	0.024758382	0.014590092
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ENSG00000068976	0.017035565	0.024767558	0.02504247	0.015010038
ENSG00000086061	0.031077608	0.033112157	0.029571148	0.024958912
ENSG00000137100	0.020898115	0.027442501	0.02879966	0.017029116
ENSG00000126226	0.029538369	0.032224501	0.030687255	0.025514021
ENSG00000178921	0.03807592	0.03680176	0.033811021	0.032802198
ENSG00000174721	0.015585115	0.025889921	0.025053905	0.016653079
ENSG00000170647	0.034217902	0.033329202	0.029105575	0.031632143
ENSG00000154359	0.042809817	0.042694481	0.038314517	0.036744083
ENSG00000135535	0.023896607	0.031259855	0.029521457	0.022238273
ENSG00000173610	0.04616538	0.035041808	0.025302888	0.028705797
ENSG00000140368	0.068522601	0.061670336	0.044238355	0.061962694
ENSG00000183048	0.051526914	0.039457819	0.046625499	0.039814768
ENSG00000148735	0.015326707	0.02491033	0.024620316	0.016640232
ENSG00000162909	0.099251968	0.07152148	0.068814359	0.075547629
ENSG00000161921	0.037799464	0.033532241	0.031360645	0.040890108
ENSG00000141429	0.032065019	0.037235987	0.032079443	0.033914438
ENSG00000186625	0.026214137	0.036640739	0.033734388	0.026256328
ENSG00000138468	0.020883997	0.030809705	0.028120886	0.022159499
ENSG00000231389	0.017171188	0.027463257	0.025796099	0.020870041
ENSG00000133116	0.09514386	0.07542626	0.046067662	0.07495192
ENSG00000164080	0.023342713	0.032089654	0.035227146	0.025877227
ENSG00000103507	0.032414994	0.029441006	0.033114526	0.028614466
ENSG00000145949	0.015484725	0.024260941	0.023830807	0.015396316

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ENSG00000100614	0.017450729	0.02588578	0.02757722	0.016046414
ENSG00000134531	0.036753578	0.036350245	0.033074619	0.023949475
ENSG00000165525	0.025654616	0.03402358	0.029672744	0.023838864
ENSG00000198366	0.039922139	0.032333224	0.041364704	0.046782175
ENSG00000065243	0.028284619	0.034697195	0.035833536	0.022963009
ENSG00000182093	0.031193211	0.038381433	0.032879133	0.029830367
ENSG00000070882	0.037153952	0.038174339	0.038077134	0.037665016
ENSG00000166971	0.030616262	0.035480353	0.037516734	0.029598953
ENSG00000171204	0.026350685	0.033683716	0.029272598	0.020666881
ENSG00000138617	0.02794627	0.028981754	0.029236787	0.022077674
ENSG00000143494	0.07007774	0.05606889	0.050912097	0.070439292
ENSG00000025434	0.01742553	0.029623065	0.027548184	0.021576095
ENSG00000187555	0.027061253	0.033007583	0.032911897	0.023214874
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ENSG00000141503	0.014209612	0.024819445	0.02492035	0.014765453
ENSG00000125730	0.020838438	0.035355005	0.026958101	0.029304377
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ENSG00000155008	0.045166103	0.050588338	0.045088115	0.042068148
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ENSG00000081377	0.044939701	0.02728367	0.024995762	0.026118618
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ENSG00000196372	0.018320943	0.02739352	0.030243429	0.017896614
ENSG00000139233	0.02485901	0.03305313	0.033082589	0.024614829
ENSG00000242498	0.017496575	0.026197645	0.024835905	0.023702336
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ENSG00000015479	0.022028766	0.029526702	0.02698206	0.021510146
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ENSG00000071127	0.02744147	0.03259549	0.032149885	0.031961255
ENSG00000100341	0.017439274	0.025390314	0.025607989	0.016740558
ENSG00000011007	0.027213261	0.034001238	0.037796584	0.027618302
ENSG00000133243	0.024566694	0.029410023	0.029813978	0.024217175
ENSG00000156804	0.016363387	0.025171458	0.024854307	0.016340701
ENSG00000168124	0.018011111	0.025003752	0.025235331	0.015370606
ENSG00000173406	0.015695715	0.025209317	0.025969879	0.015472739
ENSG00000136867	0.028059698	0.035446714	0.036561528	0.021894772
ENSG00000179142	0.017234746	0.026169727	0.025538436	0.016925354
ENSG00000007129	0.031099315	0.037627231	0.041412279	0.036323549
ENSG00000154768	0.016876054	0.025743234	0.024328986	0.01613117
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ENSG00000100351	0.094999276	0.073994621	0.060142086	0.074155422
ENSG00000186166	0.032291678	0.03483645	0.034725096	0.027405384
ENSG00000136950	0.027983373	0.031916018	0.035704577	0.031709389
ENSG00000041982	0.022340175	0.026562706	0.026397575	0.020366966
ENSG00000186105	0.04555381	0.036294154	0.035868063	0.034563627

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ENSG00000169372	0.034227132	0.036584914	0.034004782	0.023832343
ENSG00000188921	0.031567516	0.033801738	0.032281157	0.026493036
ENSG00000185340	0.015446024	0.025182988	0.025436598	0.015459809
ENSG00000169855	0.020714048	0.025464502	0.025805521	0.015355198
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ENSG00000116815	0.024380543	0.029989285	0.028554048	0.02577007
ENSG00000056998	0.015650743	0.024265079	0.02441574	0.015120364
ENSG00000176340	0.018665207	0.025390584	0.02609897	0.018466661
ENSG00000080986	0.044955665	0.03787861	0.036462901	0.037714273
ENSG00000169914	0.018430406	0.026763365	0.027015054	0.017544206
ENSG00000182611	0.018916177	0.027068721	0.025439129	0.016190981
ENSG00000128250	0.018319656	0.027196302	0.02608076	0.01780557
ENSG00000100823	0.022282309	0.027750545	0.026260033	0.019429444
ENSG00000197927	0.039538444	0.041811057	0.045443982	0.045317106
ENSG00000198934	0.020617446	0.02660439	0.026001112	0.017985922
ENSG00000006625	0.031676773	0.034171261	0.029401085	0.027453981
ENSG00000187664	0.016774719	0.02616415	0.025293721	0.016083242
ENSG00000031691	0.040038487	0.037000447	0.032593807	0.035275725
ENSG00000143947	0.017611757	0.024821725	0.024790453	0.020578445
ENSG00000145365	0.039186676	0.043961849	0.038568507	0.034721094
ENSG00000116688	0.026941266	0.033133002	0.031589191	0.025372637
ENSG00000119878	0.034113727	0.03897659	0.03473349	0.024402341
ENSG00000099624	0.021408078	0.026836169	0.028497735	0.021724143
ENSG00000121858	0.071042481	0.066745672	0.073794963	0.065301039
ENSG00000013523	0.027723179	0.028026993	0.028639344	0.022002765
ENSG00000107897	0.030571047	0.037304441	0.032265912	0.033430633
ENSG00000122863	0.019878012	0.029205587	0.025635743	0.022994381
ENSG00000123405	0.018866115	0.02549702	0.025547035	0.014596715
ENSG00000160994	0.016508516	0.025568904	0.02582758	0.017826037
ENSG00000102081	0.034281084	0.040387892	0.032281699	0.030681901
ENSG00000157214	0.075196108	0.049214813	0.041208011	0.049016683
ENSG00000188086	0.016866518	0.025368532	0.025456593	0.022403957
ENSG00000107593	0.016236643	0.024300201	0.024754798	0.016796178
ENSG00000144908	0.029433907	0.025216942	0.027064558	0.020848466
ENSG00000078898	0.015609247	0.024875266	0.024499621	0.01510654
ENSG00000243364	0.038432718	0.036017587	0.035838891	0.035706648
ENSG00000070388	0.016024969	0.024598649	0.024283984	0.016036953
ENSG00000188690	0.034311382	0.03827538	0.039301417	0.032108611
ENSG00000185808	0.028298154	0.030292427	0.032137166	0.026280389
ENSG00000090372	0.026416526	0.030825253	0.040244656	0.029736266
ENSG00000076513	0.034120518	0.036183133	0.032941083	0.02902812
ENSG00000184148	0.016101244	0.024853084	0.025034452	0.016309823
ENSG00000127588	0.017851757	0.026173012	0.026755969	0.016489988
ENSG00000165548	0.016194267	0.025095796	0.024863038	0.014320006
ENSG00000140961	0.016613757	0.025773384	0.024349996	0.016032387
ENSG00000023839	0.018189654	0.027265598	0.026239621	0.017379225
ENSG00000184281	0.031891576	0.036508874	0.04018149	0.034370021
ENSG00000100201	0.043130299	0.04896487	0.060666694	0.072792305
ENSG00000136152	0.029465328	0.0356921	0.034267926	0.026203538
ENSG00000087995	0.02906815	0.033772165	0.032332259	0.029036377
ENSG00000100228	0.025369777	0.026937184	0.032839861	0.019410287
ENSG00000112739	0.040325962	0.03884961	0.031668605	0.032123562

ENSG00000206418	0.048885253	0.06155834	0.04367876	0.064204653
ENSG00000027001	0.035641902	0.039625662	0.036248123	0.028172571
ENSG00000156413	0.029795559	0.030172766	0.032822474	0.025967647
ENSG00000159899	0.025662777	0.028417857	0.030586534	0.021696948
ENSG00000151623	0.01582568	0.024696924	0.025826561	0.016008685
ENSG00000196177	0.039415365	0.041772507	0.038426253	0.043006715
ENSG00000111832	0.019892955	0.027716991	0.026864685	0.019239905
ENSG00000188682	0.016501401	0.026122987	0.024501685	0.014622718
ENSG00000198488	0.016925483	0.025922235	0.02620925	0.017400351
ENSG00000196431	0.01634601	0.025566636	0.026977006	0.015587402
ENSG00000131097	0.015881586	0.025957134	0.025237957	0.016634154
ENSG00000198171	0.030071853	0.031677598	0.034198999	0.024861939
ENSG00000159885	0.027466204	0.036848569	0.03615764	0.021698858
ENSG00000087916	0.018169738	0.024643114	0.026129813	0.015561641
ENSG00000198551	0.032053602	0.037196669	0.034153337	0.027685826
ENSG00000136840	0.039424247	0.038744059	0.041139787	0.035359133
ENSG00000143319	0.03060584	0.033607104	0.039581764	0.030558036
ENSG00000204427	0.030051358	0.030207711	0.034143202	0.027910688
ENSG00000100433	0.015332686	0.024650143	0.025380722	0.014453153
ENSG00000178199	0.01623689	0.024544363	0.025181113	0.015219009
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ENSG00000065548	0.021784186	0.029404521	0.030129192	0.024423831
ENSG00000131016	0.015768717	0.024543202	0.024325983	0.015685424
ENSG00000184898	0.016603368	0.025357724	0.024397496	0.014978073
ENSG00000205495	0.017065606	0.025172082	0.025305092	0.017174951
ENSG00000166578	0.016496587	0.025608179	0.025073023	0.014332436
ENSG00000162344	0.01712521	0.026003095	0.026732836	0.016027307
ENSG00000103642	0.035199929	0.037429988	0.037055809	0.030060454
ENSG00000145358	0.099481698	0.074099322	0.082696351	0.079141037
ENSG00000105676	0.029374218	0.030069777	0.03368158	0.033402605
ENSG00000108515	0.045275767	0.047068403	0.03927339	0.039795184
ENSG00000176567	0.024244865	0.029390649	0.030552811	0.021104115
ENSG00000112796	0.068663034	0.052887837	0.04290396	0.061863259
ENSG00000070010	0.023838972	0.031951083	0.029270913	0.028085143
ENSG00000197614	0.027690424	0.029887996	0.030805612	0.033145715
ENSG00000187522	0.029154269	0.033502692	0.035884545	0.03029932
ENSG00000104518	0.035008832	0.037830636	0.035235432	0.030272748
ENSG00000164393	0.016194438	0.024678595	0.024803097	0.016028195
ENSG00000159079	0.015772834	0.024418781	0.024982781	0.014832026
ENSG00000090621	0.036703708	0.035182428	0.035799696	0.037940131
ENSG00000141030	0.030070062	0.032778146	0.033801207	0.027314077
ENSG00000180537	0.014605261	0.024405334	0.024480543	0.014299416
ENSG00000148948	0.070521606	0.049143234	0.050861751	0.043488884
ENSG00000141665	0.021535368	0.028794986	0.026077138	0.018306442
ENSG00000180616	0.070353439	0.05050777	0.043736687	0.053880379
ENSG00000131844	0.035002299	0.044348952	0.033033577	0.032558358
ENSG00000179218	0.035475943	0.035980369	0.03633577	0.039677255
ENSG00000186881	0.015662762	0.024878754	0.025718493	0.015453121
ENSG00000110048	0.021340409	0.028648639	0.034093378	0.021252486
ENSG00000154721	0.081658787	0.051667711	0.057478556	0.055929923
ENSG00000169230	0.032793475	0.033071283	0.03019261	0.031676933
ENSG00000183098	0.016416694	0.0264163	0.027282469	0.019095883
ENSG00000130165	0.021683749	0.028204471	0.029757346	0.018761071

ENSG00000142409	0.054002935	0.049942685	0.053047455	0.035694151
ENSG00000065427	0.026079876	0.029810949	0.02864386	0.01870709
ENSG00000102383	0.017624079	0.025457061	0.025740637	0.017422415
ENSG00000140259	0.024597568	0.032782409	0.031251258	0.020599333
ENSG00000147437	0.018906149	0.028901611	0.027249039	0.02065134
ENSG00000169435	0.116721999	0.08676646	0.079006654	0.09404154
ENSG00000196605	0.015431388	0.026660838	0.024532337	0.017856698
ENSG00000204421	0.015892254	0.023693295	0.024083368	0.01448074
ENSG00000147251	0.03039445	0.037449344	0.036428769	0.032779188
ENSG00000133216	0.02855451	0.029879527	0.027808011	0.036076857
ENSG00000142632	0.028047718	0.029596148	0.032374729	0.025712367
ENSG00000100302	0.016656603	0.02639359	0.02595308	0.019147171
ENSG00000213937	0.017009658	0.025703386	0.024633409	0.016243817
ENSG00000145451	0.015378291	0.025234278	0.025359048	0.01519635
ENSG00000179958	0.037071982	0.029638029	0.032291607	0.032326677
ENSG00000138326	0.013700438	0.023401509	0.023558501	0.015092526
ENSG00000111817	0.029862413	0.032195676	0.030940748	0.028596514
ENSG00000189319	0.045134939	0.037795222	0.037850808	0.040803842
ENSG00000131738	0.015746981	0.023932291	0.024517763	0.015429224
ENSG00000157823	0.01951272	0.028870979	0.026863108	0.018674796
ENSG00000136160	0.018753286	0.025266377	0.025149286	0.015809833
ENSG00000132640	0.016246026	0.025127018	0.025017017	0.017784185
ENSG00000128789	0.019646994	0.02605785	0.027873093	0.019207057
ENSG00000176165	0.123209291	0.025806611	0.061591804	0.033910776
ENSG00000109132	0.015794687	0.024466627	0.024952709	0.014588428
ENSG00000176945	0.035885451	0.03956692	0.037731205	0.040324882
ENSG00000161992	0.014315422	0.025058327	0.024279316	0.015513678
ENSG00000148331	0.016345221	0.026130011	0.026253355	0.017656804
ENSG00000075151	0.032212314	0.037367386	0.035400186	0.02956546
ENSG00000112697	0.032299181	0.035330334	0.03516809	0.026583408
ENSG00000165804	0.029356459	0.032539966	0.026413832	0.024843169
ENSG00000176236	0.015847992	0.025029167	0.025277106	0.015749596
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ENSG00000228716	0.053303224	0.045683905	0.036564817	0.047216107
ENSG00000176177	0.047719027	0.085865094	0.029161436	0.047445523
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ENSG00000100307	0.039901724	0.037178259	0.04350922	0.038150559
ENSG00000028203	0.029857196	0.031830261	0.040833603	0.0242766
ENSG00000179262	0.022776285	0.026225222	0.028334382	0.022082887
ENSG00000204463	0.02097008	0.026672872	0.032756664	0.022194599
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ENSG00000146648	0.018117391	0.027272126	0.025683284	0.020227918
ENSG00000127530	0.015700139	0.025690969	0.025123159	0.015904424
ENSG00000161999	0.022601897	0.033446023	0.032598867	0.027113426
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ENSG00000100867	0.028155838	0.027244648	0.027473853	0.018414917
ENSG00000164404	0.016669229	0.025928581	0.025356071	0.015597635
ENSG00000145879	0.014897292	0.024514376	0.02461941	0.014445779

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ENSG00000119946	0.01938112	0.026726909	0.026137423	0.017973648
ENSG00000132386	0.034778765	0.037411487	0.040594949	0.025160245
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ENSG00000142694	0.053398008	0.05300575	0.043869466	0.054915407
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ENSG00000183808	0.029818696	0.034559032	0.036514541	0.026205522
ENSG00000113212	0.018906823	0.027489563	0.028079404	0.01923142
ENSG00000120054	0.018269286	0.025810452	0.026145563	0.017975327
ENSG00000035720	0.050773793	0.051425691	0.041361329	0.038800265
ENSG00000181991	0.027475239	0.031839752	0.030294353	0.026096593
ENSG00000141385	0.02487716	0.030942699	0.031994895	0.023688381
ENSG00000177272	0.027027322	0.030194588	0.030936209	0.029212726
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ENSG00000063601	0.025849114	0.034036495	0.026681324	0.035771092
ENSG00000124762	0.032635214	0.032223151	0.033055058	0.026138576
ENSG00000144591	0.032056298	0.046354318	0.041823511	0.034225141
ENSG00000196781	0.050084669	0.037122636	0.039928793	0.057672588
ENSG00000135439	0.017813786	0.026782946	0.024900603	0.019022815
ENSG00000188176	0.015540491	0.026229759	0.025936551	0.016856151
ENSG00000151229	0.034656822	0.039300316	0.032542645	0.0340526
ENSG00000156502	0.03000155	0.035813442	0.03194088	0.027453454
ENSG00000109320	0.023416212	0.030148157	0.029584451	0.022336034
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ENSG00000105672	0.030811405	0.03234028	0.031197236	0.022729782
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ENSG00000185053	0.016002288	0.02577771	0.02457005	0.016077272
ENSG00000011376	0.030304395	0.035360357	0.032114399	0.026938988
ENSG00000120471	0.016072933	0.026023256	0.025659748	0.015225004
ENSG00000241839	0.0282452	0.033743426	0.040047982	0.031250859
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ENSG00000146094	0.038011269	0.036836574	0.037614465	0.036921537
ENSG00000089356	0.01549802	0.025071491	0.025349886	0.015643148
ENSG00000159640	0.016231969	0.026668616	0.025202735	0.016547646
ENSG00000103174	0.022686967	0.029449134	0.029785876	0.028569626
ENSG00000100890	0.016784167	0.024758082	0.025978396	0.015994855
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ENSG00000142675	0.085302806	0.077151197	0.075012555	0.080046496
ENSG00000101306	0.01622831	0.025250588	0.025164861	0.016224072
ENSG00000029363	0.030154507	0.032003162	0.036195788	0.037413733
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ENSG00000130544	0.029230267	0.037353494	0.035922211	0.02622375
ENSG00000100632	0.022606018	0.029114376	0.026987681	0.019422341

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ENSG00000112877	0.02859956	0.032607073	0.028673187	0.023184401
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ENSG00000144040	0.03873443	0.03114851	0.030438711	0.028047898
ENSG00000155754	0.015696743	0.02413029	0.02433742	0.015809421
ENSG00000113396	0.017116877	0.025761966	0.025824497	0.016931303
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ENSG00000133460	0.019989133	0.026027779	0.024456008	0.018160312
ENSG00000038427	0.098230407	0.077881367	0.071957756	0.084460917
ENSG00000110011	0.024029362	0.029848496	0.032306213	0.02849339
ENSG00000173389	0.018312884	0.02871523	0.026237101	0.018130738
ENSG00000165862	0.016174118	0.02476999	0.027218441	0.01566825
ENSG00000146757	0.048157849	0.053243891	0.042708035	0.064186143
ENSG00000185523	0.021357882	0.026273493	0.024876373	0.017619572
ENSG00000100290	0.082861299	0.070065252	0.074636469	0.093461868
ENSG00000108826	0.049405016	0.037294483	0.04760093	0.037583305
ENSG00000089472	0.015554526	0.02472605	0.025006095	0.014699642
ENSG00000243232	0.019406089	0.027277003	0.029585658	0.016615688
ENSG00000102007	0.049885794	0.035029037	0.038521808	0.040551722
ENSG00000180090	0.017378437	0.025315568	0.02611322	0.014869705
ENSG00000103494	0.020831109	0.029337782	0.0270652	0.017601323
ENSG00000130254	0.026088595	0.030443615	0.035931689	0.023406304
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ENSG00000095970	0.015305932	0.025068235	0.02497988	0.014747819
ENSG00000140279	0.016025052	0.026211569	0.025569453	0.016772984
ENSG00000138039	0.022075936	0.031095544	0.025546215	0.020632393
ENSG00000197837	0.0345969	0.030906092	0.034224699	0.036289248
ENSG00000169282	0.014900705	0.02485227	0.024385786	0.016020782
ENSG00000130244	0.040139838	0.031209039	0.033860825	0.031290967
ENSG00000116668	0.034516337	0.034290371	0.031361074	0.030335985
ENSG00000203784	0.015894418	0.024351778	0.024585754	0.01518423
ENSG00000112333	0.018376493	0.026540792	0.029015358	0.01582858
ENSG00000141577	0.020042379	0.025878998	0.025275047	0.01881297
ENSG00000159496	0.071256843	0.040632141	0.051227858	0.065904681
ENSG00000075131	0.039913454	0.039011231	0.036292912	0.04110648
ENSG00000012822	0.032185865	0.03152621	0.035579872	0.036774851
ENSG00000174374	0.028356797	0.032164844	0.033412903	0.026140313
ENSG00000178952	0.024749628	0.029598538	0.026662772	0.023376521
ENSG00000111049	0.01516249	0.025201438	0.025962338	0.015208444
ENSG00000120910	0.032783926	0.033411742	0.034582075	0.025466104
ENSG00000137409	0.0209724	0.029107148	0.028602407	0.019230409
ENSG00000008869	0.038433636	0.043976446	0.034284975	0.033629472
ENSG00000105427	0.023391147	0.030075186	0.026639909	0.031527697
ENSG00000068878	0.020862527	0.030241964	0.029789528	0.020777398
ENSG00000136371	0.037765275	0.045419315	0.036439847	0.038673435
ENSG00000160767	0.026984396	0.028132506	0.030011097	0.025180131
ENSG00000146700	0.019049625	0.028527084	0.031373108	0.017831423
ENSG00000185624	0.031103708	0.028466761	0.0357226	0.029589405
ENSG00000006210	0.041021329	0.032238	0.038428507	0.01890812
ENSG00000138030	0.022430508	0.028538174	0.031833287	0.018408749

ENSG00000110934	0.038824024	0.039712441	0.042344324	0.03889189
ENSG00000124641	0.042353094	0.040555976	0.032849657	0.02779126
ENSG00000109189	0.033063615	0.038974936	0.034888685	0.025673352
ENSG00000109046	0.030492392	0.030275447	0.029291618	0.028550227
ENSG00000169032	0.025229128	0.030691957	0.030184531	0.024826315
ENSG00000137265	0.023406221	0.027736274	0.028923506	0.020542028
ENSG00000070985	0.015902456	0.026724633	0.024386463	0.016053357
ENSG00000100982	0.027428334	0.028834834	0.03388983	0.025070991
ENSG00000110435	0.02724122	0.030623648	0.031366107	0.025877194
ENSG00000115758	0.037855695	0.033420199	0.031502077	0.031010789
ENSG00000243279	0.036529966	0.03141467	0.029306242	0.031079087
ENSG00000182197	0.042677143	0.040434873	0.043967225	0.035924644
ENSG00000117632	0.015742195	0.025125918	0.025943221	0.016650856
ENSG00000138641	0.030783823	0.038187372	0.032770791	0.030743962
ENSG00000105479	0.016382523	0.024058015	0.024343121	0.016798072
ENSG00000179172	0.027606307	0.035632536	0.034083719	0.036035508
ENSG00000198822	0.058343854	0.04298435	0.04107565	0.037522026
ENSG00000135250	0.022263611	0.03145936	0.030183264	0.023753173
ENSG00000110245	0.016011477	0.025174918	0.024649286	0.016118821
ENSG00000122729	0.041951381	0.048463572	0.040173029	0.036817569
ENSG00000184032	0.015104254	0.023634969	0.024078144	0.01439412
ENSG00000169018	0.021950174	0.027044773	0.028109075	0.01818562
ENSG00000152332	0.029288458	0.036764245	0.052880411	0.032083878
ENSG00000163394	0.015671879	0.0250803	0.024685562	0.015301065
ENSG00000160310	0.031683539	0.038124688	0.035518402	0.0333975
ENSG00000129244	0.040322004	0.029522452	0.033026091	0.030947288
ENSG00000121297	0.016609893	0.024878789	0.024746795	0.015166249
ENSG00000176476	0.025788191	0.029379046	0.027394921	0.024385518
ENSG00000080644	0.018223185	0.026151839	0.027984744	0.015227419
ENSG00000176679	0.015716195	0.026356841	0.026358911	0.016798854
ENSG00000101210	0.153478512	0.127188423	0.099423895	0.131062527
ENSG00000089101	0.015712825	0.025133922	0.024877829	0.014411088
ENSG00000169764	0.024829497	0.033087065	0.030419243	0.019719767
ENSG00000129465	0.024628378	0.028645805	0.028968915	0.023722556
ENSG00000198331	0.04424222	0.044401412	0.047055478	0.040983741
ENSG00000124787	0.044278597	0.034747601	0.038681358	0.043473002
ENSG00000163710	0.033174643	0.030029721	0.02706776	0.026408857
ENSG00000160213	0.034773732	0.036528861	0.03890627	0.031572364
ENSG00000016602	0.015623597	0.025737914	0.025587363	0.01606847
ENSG00000130598	0.016214675	0.026374513	0.025019465	0.016207391
ENSG00000175782	0.03142141	0.036924669	0.037384073	0.032191166
ENSG00000176198	0.016829104	0.02461686	0.024879992	0.015851535
ENSG00000011052	0.020837447	0.02734305	0.027053578	0.019964799
ENSG00000166762	0.029929801	0.030251352	0.03359215	0.026515133
ENSG00000164938	0.069849411	0.059472613	0.055759435	0.055917991
ENSG00000181856	0.0152801	0.023776641	0.024781052	0.015118889
ENSG00000183722	0.080600738	0.041759571	0.04928359	0.056503751
ENSG00000180861	0.015828421	0.024386044	0.024898075	0.01488225
ENSG00000157193	0.015508568	0.024420742	0.025124125	0.015117777
ENSG00000070018	0.016460157	0.026311435	0.026162052	0.01766893
ENSG00000198914	0.015337063	0.025369962	0.025491785	0.016716725
ENSG00000167283	0.03166661	0.031664459	0.033627711	0.030253967
ENSG00000175224	0.026184755	0.030385783	0.039814711	0.022397624
ENSG00000172469	0.045797212	0.043141751	0.037990373	0.040018103

ENSG00000104904	0.016433508	0.025174292	0.025245218	0.014669779
ENSG00000102924	0.018169908	0.027000472	0.026234923	0.017779314
ENSG00000132017	0.030720656	0.030227553	0.03454125	0.030308437
ENSG00000145192	0.014505357	0.024690595	0.025159165	0.016457821
ENSG00000109881	0.018708258	0.025768735	0.026214183	0.017804262
ENSG00000165457	0.045251107	0.040035243	0.040038666	0.03971136
ENSG00000188487	0.016707441	0.025187111	0.025812308	0.016248453
ENSG00000160439	0.031572202	0.02940023	0.036889287	0.023010852
ENSG00000023445	0.043122222	0.037396148	0.03598301	0.041238381
ENSG00000134597	0.017274496	0.027857235	0.025282343	0.017352558
ENSG00000213218	0.017584273	0.025111909	0.025300459	0.016380047
ENSG00000185069	0.015945721	0.025351907	0.024583442	0.014587995
ENSG00000185888	0.015375043	0.025753509	0.024342006	0.015405894
ENSG00000198081	0.032607226	0.039925298	0.037155451	0.028332104
ENSG00000064933	0.045847774	0.050031029	0.041229073	0.030619594
ENSG00000126562	0.015367847	0.024915922	0.024255252	0.014631104
ENSG00000182481	0.030914561	0.031840598	0.033126224	0.032972867
ENSG00000139725	0.030236123	0.035072158	0.034012544	0.032112382
ENSG00000107736	0.015809831	0.025647615	0.024405557	0.014670599
ENSG00000148677	0.017091524	0.025150179	0.024373807	0.016083127
ENSG00000133636	0.042932015	0.029890355	0.030107135	0.027024814
ENSG00000181467	0.017195485	0.025019567	0.024653214	0.015887674
ENSG00000159840	0.029869119	0.034105687	0.038602817	0.036995673
ENSG00000083535	0.020116294	0.030180692	0.026605416	0.03322132
ENSG00000116017	0.028932323	0.034150655	0.035911403	0.023363973
ENSG00000187806	0.015322514	0.02523222	0.024585724	0.015057969
ENSG00000105877	0.017181198	0.026613658	0.025743518	0.016693407
ENSG00000196074	0.032124995	0.034935542	0.036157382	0.031215099
ENSG00000158497	0.078251157	0.066265381	0.066491497	0.067637458
ENSG00000125629	0.054557243	0.05228055	0.055398452	0.047973773
ENSG00000099917	0.028367833	0.038057943	0.039204958	0.037601367
ENSG00000181982	0.018791781	0.025420877	0.026412565	0.01707498
ENSG00000168619	0.023167649	0.031522224	0.028966661	0.026619195
ENSG00000115257	0.02533544	0.029947425	0.028361872	0.024845509
ENSG00000144118	0.052378658	0.076515831	0.059396742	0.062128976
ENSG00000101346	0.020008011	0.027501807	0.026179623	0.01566467
ENSG00000145782	0.025879761	0.031125091	0.031548818	0.020663687
ENSG00000132141	0.039852585	0.042737106	0.039416706	0.044496322
ENSG00000101958	0.016227254	0.025065482	0.025458259	0.014709753
ENSG00000129873	0.015110067	0.025184046	0.025418435	0.015517434
ENSG00000175390	0.01648993	0.025537569	0.025136006	0.017131568
ENSG00000134698	0.0221992	0.028468255	0.031494071	0.023127053
ENSG00000186862	0.015330322	0.024417264	0.025244382	0.015379607
ENSG00000164251	0.024521899	0.025797276	0.02472624	0.017242448
ENSG00000090273	0.030025086	0.030914999	0.031383525	0.026269463
ENSG00000060656	0.014255676	0.024837949	0.024848364	0.014819167
ENSG00000136830	0.059750375	0.094949292	0.076253887	0.059621579
ENSG00000088882	0.12879588	0.074092282	0.068613714	0.09592604
ENSG00000057704	0.037581038	0.045396019	0.042782037	0.041477846
ENSG00000188483	0.016341234	0.026434161	0.02607364	0.017738635
ENSG00000161048	0.036189864	0.041437119	0.033174526	0.029098406
ENSG00000156030	0.027727109	0.038551156	0.036237056	0.020843743
ENSG00000002919	0.026242066	0.031540238	0.030730329	0.029218019
ENSG00000146457	0.015505867	0.025416255	0.025737085	0.015635058

ENSG00000188643	0.015296837	0.024724201	0.02452712	0.016460263
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ENSG00000188076	0.015383524	0.024981651	0.025761733	0.014194173
ENSG00000197409	0.058998326	0.04922568	0.049271857	0.053140735
ENSG00000086200	0.029912781	0.035985012	0.033986465	0.025110354
ENSG00000145734	0.01592845	0.026278309	0.025762246	0.017043327
ENSG00000116717	0.038902059	0.032533254	0.040116241	0.040189356
ENSG00000171115	0.073903063	0.066672404	0.067280392	0.075235178
ENSG00000196678	0.02213608	0.030326288	0.029342299	0.018591911
ENSG00000175175	0.03407066	0.025083691	0.025796947	0.019484551
ENSG00000174600	0.056125012	0.04433185	0.034665622	0.04557791
ENSG00000113141	0.024658209	0.032405376	0.030327649	0.019186042
ENSG00000118263	0.02025316	0.0282514	0.027589708	0.017858933
ENSG00000067208	0.038505962	0.039229584	0.036014808	0.045848821
ENSG00000151792	0.043733856	0.046590192	0.040862015	0.038773672
ENSG00000118762	0.040443363	0.041941969	0.042631794	0.036852907
ENSG00000072501	0.022545985	0.028928576	0.030007716	0.019058044
ENSG00000167526	0.032357544	0.036754204	0.032083825	0.031112226
ENSG00000107443	0.021489976	0.027973637	0.028307386	0.022499756
ENSG00000164610	0.028149079	0.030801433	0.030238763	0.023558001
ENSG00000116898	0.019264739	0.0268091	0.025895065	0.017196589
ENSG00000196358	0.018023994	0.027118394	0.027571634	0.021080756
ENSG00000177302	0.021124918	0.027918198	0.031366198	0.021902764
ENSG00000155980	0.016221498	0.024561462	0.025198624	0.015702868
ENSG00000186113	0.016694074	0.025730556	0.025592919	0.015333953
ENSG00000105976	0.015860227	0.024401259	0.025259642	0.015125915
ENSG00000065135	0.035913526	0.037836088	0.033115566	0.03587597
ENSG00000102109	0.02408058	0.025890038	0.025066429	0.017055823
ENSG00000105609	0.017371565	0.025574804	0.027311836	0.015797722
ENSG00000145425	0.01332499	0.023713021	0.023619595	0.014522328
ENSG00000108688	0.017788759	0.025523472	0.027500983	0.017524371
ENSG00000113732	0.017610031	0.028065817	0.027737179	0.016460818
ENSG00000131389	0.016363565	0.02615194	0.024687383	0.016057355
ENSG00000170871	0.03258974	0.029804489	0.034518877	0.032840797
ENSG00000171863	0.014536994	0.023769201	0.024030865	0.01575267
ENSG00000187939	0.017752695	0.024819875	0.02637407	0.015802026
ENSG00000144214	0.020537165	0.026856875	0.029427154	0.019950787
ENSG00000134070	0.018951705	0.027730902	0.026400121	0.02082864
ENSG00000124302	0.019830365	0.032603567	0.031416201	0.021121285
ENSG00000144381	0.015401835	0.025346575	0.024493758	0.015212446
ENSG00000104679	0.027182098	0.033876487	0.041347459	0.023393106
ENSG00000088325	0.04627831	0.036985206	0.037111884	0.031321899
ENSG00000178928	0.016043243	0.026294344	0.024723315	0.015427787
ENSG00000134987	0.029970542	0.031596036	0.029849588	0.035392763
ENSG00000054654	0.014378781	0.025119656	0.025286333	0.015828721
ENSG00000141564	0.025917063	0.035109615	0.037917759	0.029874064
ENSG00000137563	0.039817424	0.033336129	0.031657496	0.031172697
ENSG00000185829	0.030704373	0.027629718	0.02706115	0.018978557
ENSG00000180287	0.016652204	0.025405222	0.025523651	0.014831107
ENSG00000125454	0.032988844	0.034020543	0.036038591	0.027918622
ENSG00000120160	0.015509247	0.02501599	0.024940223	0.015370133
ENSG00000141447	0.014502917	0.025073957	0.024925985	0.015521729
ENSG00000035115	0.037650344	0.040960135	0.038845228	0.030776783
ENSG00000160233	0.015189557	0.024943021	0.02482851	0.014032766

ENSG00000119927	0.0261136	0.028738162	0.031638325	0.020246684
ENSG00000118193	0.049509764	0.040734783	0.037111647	0.037715001
ENSG00000157895	0.025276708	0.029691284	0.032465525	0.024069279
ENSG00000164889	0.025797233	0.032413589	0.032959953	0.028741501
ENSG00000170498	0.015547486	0.025214345	0.025107057	0.016016263
ENSG00000156697	0.028624964	0.032118647	0.036346485	0.032122379
ENSG00000133195	0.035022776	0.035577828	0.030803291	0.028990548
ENSG00000173171	0.023145963	0.027079474	0.030992866	0.022365226
ENSG00000113645	0.057037852	0.055010857	0.057552957	0.049923891
ENSG00000196562	0.087606513	0.062487213	0.063384183	0.061427276
ENSG00000213658	0.059406028	0.050336368	0.050109901	0.050613284
ENSG00000205560	0.041477887	0.050222998	0.042678687	0.039173697
ENSG00000188582	0.016184864	0.026082857	0.024998041	0.015743874
ENSG00000143515	0.021049527	0.02823156	0.027744803	0.020362449
ENSG00000143761	0.021145808	0.02694497	0.02824696	0.02003463
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ENSG00000179021	0.029233502	0.035300858	0.039042693	0.024876193
ENSG00000113966	0.016846412	0.024707666	0.026333633	0.016259446
ENSG00000118855	0.035234064	0.035368858	0.030722207	0.030144757
ENSG00000105369	0.037695371	0.035483554	0.038586426	0.035922172
ENSG00000107099	0.035937511	0.044006085	0.031699125	0.02889716
ENSG00000152443	0.029857958	0.03954695	0.037844561	0.032696808
ENSG00000104154	0.015187913	0.025067219	0.025105826	0.014950284
ENSG00000239732	0.014976589	0.025141294	0.024804915	0.015188309
ENSG00000015592	0.019448935	0.02492333	0.025514553	0.015178747
ENSG00000116747	0.027235824	0.030433794	0.031597392	0.021786049
ENSG00000144224	0.020688617	0.027719314	0.027500687	0.020791087
ENSG00000166046	0.01856019	0.029035845	0.026420358	0.019511696
ENSG00000108264	0.029661933	0.029330398	0.036067536	0.033191919
ENSG00000188269	0.017404021	0.024683422	0.02577883	0.015830279
ENSG00000134825	0.024234297	0.030289741	0.032699943	0.025950575
ENSG00000066422	0.030507567	0.035377467	0.030673618	0.036140095
ENSG00000198681	0.024351864	0.026245321	0.025674985	0.016243258
ENSG00000126903	0.029422549	0.032456141	0.040029797	0.023743257
ENSG00000154143	0.015970044	0.02576693	0.025424724	0.014858275
ENSG00000168056	0.027211478	0.030645662	0.039375282	0.022862924
ENSG00000105793	0.034862829	0.032289671	0.040846267	0.037203874
ENSG00000196329	0.131698218	0.103643774	0.095284756	0.117860348
ENSG00000169131	0.043104582	0.042414431	0.03963625	0.032393877
ENSG00000089682	0.029796378	0.032230468	0.030439717	0.022276133
ENSG00000087589	0.01582483	0.025298541	0.024695854	0.015320419
ENSG00000174132	0.028015883	0.033865709	0.031385078	0.024430289
ENSG00000172794	0.082026823	0.065543327	0.059014916	0.07322027
ENSG00000069998	0.042521323	0.038603198	0.035851422	0.034205616
ENSG00000187821	0.01455395	0.024791168	0.024855988	0.014373975
ENSG00000171509	0.015269937	0.024643067	0.024772538	0.015358165
ENSG00000112290	0.062161829	0.070656918	0.058360559	0.077115988
ENSG00000134202	0.03475589	0.035395506	0.031183368	0.035721326
ENSG00000164379	0.015515106	0.025830382	0.024651381	0.014653795
ENSG00000100985	0.040719713	0.033103428	0.033989196	0.059535638
ENSG00000149575	0.01466978	0.025140564	0.024904381	0.014415304
ENSG00000179331	0.015545546	0.024923925	0.024281776	0.016823654
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ENSG00000122140	0.025157018	0.028331371	0.034249113	0.0238001

ENSG00000141469	0.024319967	0.030750294	0.028955277	0.023746834
ENSG00000078018	0.016027538	0.025019312	0.023936281	0.0146636
ENSG00000092853	0.031259954	0.032993458	0.026708623	0.021115801
ENSG00000100558	0.01589597	0.025557054	0.025319239	0.01590476
ENSG00000164073	0.03249762	0.034937682	0.039429477	0.026172883
ENSG00000161956	0.023142663	0.030791959	0.031378503	0.024488001
ENSG00000188778	0.016429897	0.02574303	0.024813275	0.01554273
ENSG00000178761	0.026323191	0.036106939	0.035988223	0.026496111
ENSG00000178732	0.014833756	0.024327382	0.024293564	0.014686145
ENSG00000198589	0.026014107	0.033340325	0.031788729	0.022031527
ENSG00000106028	0.020589034	0.026422441	0.027533025	0.02134622
ENSG00000138821	0.035224154	0.042939557	0.036715406	0.030017413
ENSG00000036448	0.062331115	0.067178817	0.051059382	0.061693054
ENSG00000111886	0.015756658	0.025117283	0.025359247	0.015075429
ENSG00000178295	0.032589452	0.032313513	0.030420828	0.032049658
ENSG00000163536	0.04411412	0.041702635	0.0362893	0.034345611
ENSG00000172943	0.019570744	0.026394065	0.027186898	0.016591124
ENSG00000197272	0.016736424	0.023939672	0.024641985	0.01607997
ENSG00000114786	0.032810905	0.031706591	0.030712012	0.025367733
ENSG00000138594	0.024636989	0.031314139	0.030204988	0.021464652
ENSG00000174485	0.02996501	0.034229531	0.031822694	0.026202096
ENSG00000116213	0.033078929	0.033199523	0.034704686	0.031161603
ENSG00000095380	0.037292296	0.03216849	0.032767134	0.028832013
ENSG00000119915	0.014723492	0.024198004	0.025715048	0.01495461
ENSG00000174963	0.018470244	0.024525496	0.028220579	0.018403859
ENSG00000119684	0.016729381	0.02621197	0.026123269	0.017070284
ENSG00000151575	0.062200458	0.085780988	0.056462113	0.064544033
ENSG00000128245	0.02890858	0.031883245	0.030588347	0.026517186
ENSG00000170367	0.014099057	0.024837851	0.025149407	0.014051224
ENSG00000170903	0.030858123	0.036257615	0.03568956	0.030363844
ENSG00000159182	0.02662446	0.024534193	0.024558337	0.015174344
ENSG00000185046	0.016365257	0.024782242	0.025241533	0.01584637
ENSG00000079435	0.032039131	0.035954756	0.030596365	0.030810884
ENSG00000130487	0.017918375	0.026573556	0.025868776	0.017431563
ENSG00000131148	0.032543739	0.044027317	0.044162335	0.035249895
ENSG00000102302	0.016792555	0.025783462	0.024883633	0.016445115
ENSG00000166091	0.016899833	0.024200509	0.02689904	0.015734777
ENSG00000167930	0.029115206	0.041086773	0.039018541	0.034334159
ENSG00000234616	0.021088917	0.028775523	0.029382242	0.021087001
ENSG00000122420	0.015557629	0.024977533	0.025176023	0.014854736
ENSG00000243024	0.033500238	0.033186441	0.031700667	0.024149718
ENSG00000078596	0.051495477	0.039951973	0.045357078	0.046172417
ENSG00000120049	0.016944343	0.02531699	0.027248781	0.015982431
ENSG00000253910	0.016930969	0.025427093	0.025587397	0.016667756
ENSG00000013588	0.056492386	0.065190363	0.045179909	0.059148627
ENSG00000129990	0.01633265	0.024881672	0.025488842	0.016857416
ENSG00000244754	0.044493331	0.04550025	0.045964857	0.036523102
ENSG00000105738	0.018261506	0.026615191	0.026981561	0.021747381
ENSG00000215612	0.015489102	0.025009386	0.024980427	0.015212966
ENSG00000170927	0.015998118	0.024653621	0.025261287	0.015438616
ENSG00000174547	0.022571548	0.02726551	0.026789414	0.020151257
ENSG00000123338	0.025015782	0.029230924	0.029820358	0.021373701
ENSG00000129993	0.016068201	0.024919613	0.025990289	0.015233611
ENSG00000125843	0.031033757	0.03136254	0.037151451	0.034864186

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ENSG00000184905	0.158502044	0.132381762	0.122764044	0.130919481
ENSG00000158477	0.016041397	0.025011808	0.024766657	0.016811267
ENSG00000137726	0.035543272	0.03047923	0.028304752	0.021473583
ENSG00000152457	0.041959628	0.038480813	0.04270616	0.035130034
ENSG00000124145	0.055181938	0.048923197	0.043781011	0.052699826
ENSG00000149557	0.119851791	0.089890786	0.070022367	0.095149347
ENSG00000214595	0.01289763	0.023437364	0.023898508	0.012858465
ENSG00000112210	0.015722844	0.024942962	0.024773246	0.014817756
ENSG00000122224	0.089271784	0.081402645	0.061806964	0.067964799
ENSG00000028528	0.029921127	0.036667243	0.029981105	0.028367462
ENSG00000142552	0.035877844	0.040503218	0.049329183	0.035989263
ENSG00000125384	0.027608267	0.033717609	0.039282056	0.043862782
ENSG00000163818	0.050863941	0.044867513	0.034598972	0.049218746
ENSG00000241644	0.015861567	0.025267636	0.025671535	0.015748521
ENSG00000113594	0.014363587	0.024686574	0.025102642	0.014361653
ENSG00000189233	0.025331702	0.029345268	0.031202204	0.029531124
ENSG00000144554	0.021458728	0.02584403	0.027973337	0.017186596
ENSG00000203909	0.015527016	0.024623242	0.025405042	0.015016789
ENSG00000124104	0.019400452	0.028448553	0.025805208	0.016861092
ENSG00000140043	0.01759875	0.026206596	0.026462311	0.015679658
ENSG00000181023	0.017693561	0.023944016	0.023976609	0.016468253
ENSG00000135362	0.018481095	0.026012718	0.026758178	0.016008074
ENSG00000109180	0.025848909	0.029985164	0.029625056	0.034550116
ENSG00000168961	0.031051186	0.036206403	0.038603734	0.032765131
ENSG00000142700	0.015259161	0.025161146	0.024618793	0.015847971
ENSG00000100253	0.029719013	0.02749265	0.026098415	0.019741284
ENSG00000137513	0.030356892	0.035049287	0.030931123	0.024183298
ENSG00000186197	0.024155678	0.026114155	0.026724975	0.022031574
ENSG00000099958	0.076969476	0.047603268	0.053478183	0.060854888
ENSG00000134940	0.016399884	0.025282253	0.024186214	0.015943996
ENSG00000133107	0.015676281	0.025109243	0.024896069	0.014694895
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ENSG00000196655	0.03322302	0.03311469	0.03043936	0.02400882
ENSG00000187726	0.019869129	0.027039107	0.025664037	0.019038053
ENSG00000149541	0.022474498	0.029809131	0.034261991	0.024573942
ENSG00000197265	0.02627881	0.031192462	0.029813075	0.020932355
ENSG00000163798	0.02634648	0.030962616	0.03163995	0.021147859
ENSG00000156875	0.025670464	0.032970921	0.031363008	0.024678169
ENSG00000132321	0.016862762	0.025174188	0.02521805	0.016637434
ENSG00000172766	0.028763473	0.042566696	0.045679961	0.034919097
ENSG00000101986	0.017133291	0.027265571	0.025814391	0.017752901
ENSG00000172146	0.015804858	0.024788147	0.02678034	0.018423343
ENSG00000127249	0.015650388	0.025169763	0.024619282	0.014974648
ENSG00000182518	0.024810999	0.029158093	0.027771008	0.020139108
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ENSG00000213626	0.073435349	0.062294197	0.054278383	0.056644078
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ENSG00000007376	0.035215205	0.031548875	0.044180819	0.040782042
ENSG00000166123	0.071468264	0.044006839	0.043457032	0.046962533
ENSG00000136897	0.027050374	0.033914578	0.035067075	0.021124138
ENSG00000160877	0.017224721	0.025635015	0.025702801	0.016148087

ENSG00000133935	0.017273696	0.026804784	0.027120141	0.015395832
ENSG00000213759	0.128478695	0.191652615	0.179222249	0.105697396
ENSG00000185220	0.038448292	0.036489456	0.034926732	0.032314984
ENSG00000088387	0.042587798	0.038553619	0.032328511	0.027132846
ENSG00000106635	0.029872811	0.04196074	0.045996393	0.029365418
ENSG00000120948	0.031345979	0.03469331	0.032594271	0.023369522
ENSG00000105997	0.016338378	0.025174282	0.024931527	0.015547113
ENSG00000198039	0.018053909	0.025044508	0.02532244	0.015802543
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ENSG00000112159	0.019342811	0.028435343	0.026103639	0.017435074
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ENSG00000105352	0.015489436	0.02518774	0.025383778	0.015467068
ENSG00000160471	0.015415337	0.025871874	0.02445192	0.016338865
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ENSG00000129195	0.083524267	0.054395769	0.051651875	0.065810078
ENSG00000166619	0.027924486	0.033647072	0.0337373	0.02826826
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ENSG00000155957	0.028269407	0.029611666	0.030876826	0.024671047
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ENSG00000131398	0.015604258	0.024537602	0.024497698	0.014894658
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ENSG00000144810	0.020956552	0.024445621	0.024888826	0.01714138
ENSG00000160013	0.029801863	0.033954145	0.033516082	0.030752367
ENSG00000081307	0.018020572	0.025937672	0.025902748	0.017531114
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ENSG00000167380	0.042919133	0.037742595	0.041236184	0.036336556
ENSG00000101849	0.052751993	0.060726569	0.045266831	0.047179887
ENSG00000128602	0.047136695	0.046578039	0.036471356	0.039632125
ENSG00000136925	0.023629572	0.029382712	0.026933243	0.019986036
ENSG0000006283	0.015517635	0.024850234	0.024471558	0.014258555
ENSG00000135919	0.05033154	0.058919674	0.056159678	0.06057798
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ENSG00000204962	0.014954851	0.025448943	0.025101832	0.014884887
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ENSG00000134452	0.032319185	0.033702817	0.031641205	0.027903382
ENSG00000111404	0.016819302	0.025124181	0.024259211	0.015245454
ENSG00000167633	0.015136723	0.025227287	0.024683507	0.015488441
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ENSG00000107954	0.015374522	0.025578166	0.024719876	0.015301793
ENSG00000167244	0.015514512	0.024883549	0.025490088	0.015657401
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ENSG00000184497	0.021186323	0.026575702	0.027651013	0.016992153
ENSG00000130748	0.028779385	0.029155784	0.028199101	0.023107144
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ENSG00000183196	0.026615306	0.03263635	0.029963119	0.022668957
ENSG00000159267	0.01850803	0.027407612	0.025938129	0.017511071
ENSG00000117394	0.044241232	0.05261246	0.043249089	0.048458795
ENSG00000124333	0.022017406	0.037466486	0.030759691	0.026208404
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ENSG00000132429	0.016588417	0.024870951	0.024781726	0.015521121
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ENSG00000165702	0.018239207	0.026254598	0.024992859	0.017581481
ENSG00000182872	0.023321536	0.027985536	0.030194549	0.022319605
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ENSG00000152464	0.025770509	0.033913461	0.037027026	0.02510541
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ENSG00000124688	0.023577781	0.033867696	0.036223317	0.021617071
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ENSG00000165527	0.03901999	0.047225774	0.045962234	0.055285536
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ENSG00000243709	0.019619472	0.026809527	0.026038394	0.016180035
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ENSG00000116824	0.059182091	0.063209306	0.026774475	0.027442766
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ENSG00000161011	0.077492004	0.067665975	0.054928729	0.052263029
ENSG00000106070	0.01697243	0.02665599	0.026942173	0.014815497
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ENSG00000123607	0.016087648	0.024883057	0.024209726	0.015353037
ENSG00000167965	0.025812319	0.028431857	0.032654167	0.028589803
ENSG00000167191	0.025030146	0.027358028	0.028477473	0.024970277
ENSG00000139182	0.016922818	0.027686136	0.025826917	0.020184668
ENSG00000089169	0.016975905	0.027394951	0.02649864	0.016302475

ENSG00000187796	0.119011261	0.07837556	0.075407995	0.080095032
ENSG00000179477	0.016497784	0.025648055	0.025185398	0.016199464
ENSG00000053371	0.032522381	0.036973627	0.036298222	0.032792912
ENSG00000166278	0.016540483	0.02630238	0.025732123	0.01698829
ENSG00000175322	0.040394476	0.041474426	0.036408947	0.041765271
ENSG00000170296	0.018536417	0.026109582	0.028401915	0.018833539
ENSG00000164663	0.015212608	0.025187287	0.025565992	0.015659722
ENSG00000170128	0.030674228	0.028530061	0.026877683	0.016843346
ENSG00000106541	0.015533565	0.024414021	0.025267309	0.014057696
ENSG00000158186	0.019832454	0.026226301	0.024993477	0.017805211
ENSG00000184007	0.032507101	0.034648947	0.033454006	0.032566622
ENSG00000122378	0.027766084	0.033535535	0.033968954	0.029792801
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ENSG00000154642	0.038896796	0.046428001	0.060953636	0.042174976
ENSG00000122824	0.019232519	0.025336052	0.025517162	0.016789197
ENSG00000104332	0.071087748	0.040243536	0.039865846	0.056530407
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ENSG00000184586	0.016650534	0.026048936	0.025850572	0.016881264
ENSG00000127084	0.037967385	0.035853149	0.035509698	0.03477696
ENSG00000164597	0.029389184	0.031549205	0.030550006	0.02746588
ENSG00000122335	0.019602302	0.027093068	0.026452977	0.017466417
ENSG00000005381	0.018416363	0.027169311	0.026512768	0.017361721
ENSG00000125449	0.034275721	0.037670411	0.045680365	0.032387817
ENSG00000223380	0.023014823	0.029771734	0.031669979	0.023210422
ENSG00000124570	0.091992312	0.079412142	0.055331334	0.092592096
ENSG00000116922	0.033745059	0.036755076	0.034267291	0.033879726
ENSG00000198729	0.018021092	0.027027755	0.026696918	0.016813646
ENSG00000188313	0.061742678	0.054381767	0.055334566	0.051088486
ENSG00000101323	0.017759191	0.026600511	0.026290943	0.01623809
ENSG00000175348	0.027171659	0.037364844	0.039354202	0.028233768
ENSG00000184611	0.016831718	0.024996438	0.02519532	0.016673999
ENSG00000106571	0.015520162	0.024557484	0.025683239	0.014673068
ENSG00000156261	0.020919281	0.027933521	0.027034192	0.021177013
ENSG00000179083	0.022302401	0.026083783	0.026568328	0.017301784
ENSG00000236613	0.016213428	0.026020531	0.025104942	0.015022331
ENSG00000107581	0.025323484	0.031047914	0.029242189	0.023895232
ENSG00000176381	0.104669209	0.108171904	0.093613349	0.102178036
ENSG00000168509	0.037089198	0.038731734	0.028870718	0.023147394
ENSG00000111666	0.066336202	0.063885857	0.05806083	0.049423231
ENSG00000204611	0.031251847	0.039196826	0.031537805	0.031342345
ENSG00000100296	0.015012932	0.025349677	0.025262662	0.017329152
ENSG00000110619	0.032810808	0.030619199	0.035344752	0.029066242
ENSG00000159335	0.043914201	0.042812131	0.047648925	0.048410648
ENSG00000096996	0.018180578	0.027714632	0.026504176	0.018482814
ENSG00000085872	0.027675847	0.033557132	0.039425913	0.028744372
ENSG00000154864	0.142268912	0.132347972	0.106725611	0.11456401
ENSG00000013503	0.03924195	0.039185724	0.03571196	0.043683514
ENSG00000100147	0.023622745	0.02898508	0.026302575	0.019567101
ENSG00000117226	0.068123209	0.062504667	0.062408705	0.04526541
ENSG00000118508	0.07845356	0.032135531	0.030119968	0.033666896
ENSG00000139323	0.03661468	0.034643965	0.032562973	0.029878016
ENSG00000196963	0.017899955	0.025320506	0.025531997	0.016488241
ENSG00000109158	0.015348574	0.024780487	0.024612801	0.014988103
ENSG00000164742	0.112309621	0.049809477	0.042502676	0.060922548

ENSG00000177508	0.016597255	0.025021857	0.02506307	0.015469068
ENSG00000102962	0.06543253	0.044098851	0.042214974	0.052849672
ENSG00000155287	0.024360756	0.030219757	0.033604409	0.02317996
ENSG00000196966	0.031202309	0.037449338	0.038680565	0.039538567
ENSG00000125148	0.067425349	0.063500302	0.06463028	0.068188705
ENSG00000172208	0.017080567	0.025211737	0.024277238	0.015082789
ENSG00000122965	0.036928628	0.034955083	0.035703254	0.036545785
ENSG00000184060	0.073844608	0.068523777	0.067030186	0.054515643
ENSG00000106025	0.074863327	0.055374495	0.055937752	0.053526197
ENSG00000130724	0.019047117	0.026701722	0.027937666	0.017056911
ENSG00000186193	0.079793829	0.055365927	0.0509357	0.061113093
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ENSG00000152601	0.033214784	0.035589954	0.034443747	0.024202369
ENSG00000156968	0.015899236	0.025378431	0.024836223	0.015053068
ENSG00000158805	0.022350694	0.028640521	0.027815435	0.021339681
ENSG00000185149	0.016651807	0.026070955	0.024597278	0.016092475
ENSG00000136247	0.017050575	0.02596043	0.02526757	0.016891832
ENSG00000135740	0.060938814	0.048554141	0.042409521	0.034691062
ENSG00000198901	0.037741313	0.030607115	0.032991424	0.027192426
ENSG00000137968	0.017631725	0.024551522	0.024347492	0.015695778
ENSG00000108671	0.025122161	0.030246194	0.028816399	0.020722655
ENSG00000105374	0.029391084	0.038124811	0.030698511	0.043919475
ENSG00000025039	0.101588668	0.0663478	0.055849213	0.07686704
ENSG00000183765	0.02865857	0.035414376	0.029011201	0.03821018
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ENSG00000118513	0.04956336	0.056698576	0.047584257	0.049813364
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ENSG00000184330	0.015502607	0.02516881	0.025822618	0.016132215
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ENSG00000136436	0.031689652	0.034278416	0.032210834	0.034917
ENSG00000100711	0.032022028	0.039260086	0.033048767	0.031128374
ENSG00000180138	0.014785388	0.024961762	0.025742702	0.015991187
ENSG00000107807	0.016890186	0.026384993	0.024937746	0.016830071
ENSG00000123989	0.0465446	0.04257507	0.046114259	0.046835017
ENSG00000167778	0.028190775	0.031230527	0.03515972	0.031446114
ENSG00000109272	0.016484124	0.026679775	0.025948374	0.015972986
ENSG00000179636	0.017029405	0.025085641	0.025171907	0.015683583
ENSG00000082126	0.016511154	0.025016812	0.025319869	0.015772867
ENSG00000214900	0.022670206	0.029527604	0.027975761	0.019488929
ENSG00000143466	0.029564871	0.036493447	0.029583672	0.028745651
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ENSG00000130768	0.018073201	0.026630945	0.02623604	0.020459351
ENSG00000179455	0.017596147	0.024711417	0.024837217	0.016140142
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ENSG00000174004	0.044445127	0.052529904	0.056851406	0.044721508

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ENSG00000122971	0.029517348	0.036800142	0.031926985	0.027029847
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ENSG00000123353	0.024210834	0.029578352	0.027570299	0.022079617
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ENSG00000121406	0.030109289	0.031466648	0.031850782	0.028118909
ENSG00000115419	0.040180699	0.044702631	0.036366074	0.034619961
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ENSG00000185485	0.024030055	0.03432241	0.031020729	0.028984324
ENSG00000130175	0.024451041	0.032916071	0.035839355	0.026564179
ENSG00000106397	0.031337301	0.034634985	0.032029185	0.031372893
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ENSG00000185962	0.020147365	0.027616438	0.030559411	0.018843616
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ENSG00000103653	0.031314529	0.031572691	0.031584655	0.02599557
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ENSG00000116721	0.025990612	0.024755368	0.025069087	0.016966312
ENSG00000104907	0.027280673	0.030713879	0.029131173	0.024190934
ENSG00000109861	0.049641999	0.053883033	0.051177386	0.056043371
ENSG00000104213	0.035552678	0.038887567	0.029608182	0.02716735
ENSG00000087263	0.024646731	0.032612569	0.03303974	0.02613434
ENSG00000100445	0.026501686	0.034653502	0.035112214	0.032159565
ENSG00000152292	0.015013313	0.025636534	0.024506154	0.014630407
ENSG00000164830	0.038650557	0.045409706	0.037404105	0.033302439
ENSG00000169740	0.033805299	0.037334805	0.035241137	0.027007391
ENSG00000157765	0.014694895	0.025227492	0.024862832	0.013957338
ENSG00000123240	0.036664333	0.034930257	0.03560397	0.02946831
ENSG00000111305	0.017092425	0.025599363	0.025060765	0.014029636
ENSG00000019995	0.042708303	0.039280325	0.042170554	0.041555069
ENSG00000005421	0.014902258	0.024741173	0.024176994	0.015332501
ENSG00000174373	0.029625255	0.035484579	0.032612811	0.03022583

ENSG0000099617	0.016474055	0.025745006	0.025718517	0.016929039
ENSG00000124788	0.055883813	0.048421451	0.049429682	0.040415202
ENSG0000078369	0.018346758	0.026311056	0.026999989	0.017916345
ENSG0000086967	0.090611167	0.078407533	0.076308334	0.060926098
ENSG00000165072	0.014850492	0.025385847	0.024773124	0.015545591
ENSG00000126249	0.02987611	0.029987214	0.031443105	0.027908706
ENSG00000138587	0.046004928	0.050794953	0.037418447	0.044604368
ENSG00000172059	0.019613173	0.025288574	0.025504074	0.016819924
ENSG00000134057	0.037679429	0.034309319	0.034846414	0.033466441
ENSG00000172199	0.016068096	0.024723057	0.025059628	0.016515369
ENSG00000115761	0.01667737	0.025478732	0.025037763	0.01478924
ENSG00000123307	0.016726705	0.025596742	0.023942556	0.014933809
ENSG00000117713	0.016874792	0.026330865	0.026319067	0.016193916
ENSG00000185899	0.016271329	0.025712185	0.024624649	0.015288844
ENSG00000130985	0.016358159	0.025476179	0.025551137	0.016946409
ENSG00000152520	0.027186986	0.032678415	0.032895626	0.02709534
ENSG00000166780	0.018982717	0.026928887	0.024988183	0.01817466
ENSG00000136827	0.030592435	0.035487245	0.042757997	0.031423248
ENSG00000125779	0.015044037	0.02592399	0.024154773	0.015216578
ENSG00000171606	0.022696958	0.030481611	0.032706639	0.025917777
ENSG00000130649	0.03309595	0.03221001	0.02944686	0.0304395
ENSG00000150625	0.07533226	0.032887974	0.025563444	0.018449549
ENSG00000138670	0.017275465	0.027521028	0.025641807	0.017156384
ENSG00000178184	0.015575157	0.025704133	0.024799139	0.015613008
ENSG00000023734	0.022653031	0.027783254	0.02961863	0.026635749
ENSG00000179152	0.021087313	0.030400698	0.030109489	0.020506629
ENSG00000068383	0.051836681	0.04696515	0.048570002	0.05132136
ENSG00000251664	0.016465984	0.026105563	0.025631678	0.016503504
ENSG00000078579	0.016340452	0.025323885	0.025240091	0.016897377
ENSG00000172508	0.016408515	0.024659284	0.024208678	0.016586015
ENSG00000137473	0.016718522	0.025059249	0.024770087	0.015467211
ENSG00000204086	0.016795246	0.024741811	0.026077802	0.015796884
ENSG00000127318	0.016175203	0.024596259	0.024892602	0.015281927
ENSG00000164123	0.018565521	0.025556622	0.026040986	0.017689601
ENSG00000105254	0.025951642	0.032563979	0.031265853	0.027737241
ENSG00000125944	0.025261331	0.03272932	0.029309291	0.027181097
ENSG00000134480	0.027738893	0.030385344	0.029547615	0.025257648
ENSG00000178306	0.015284573	0.024897912	0.024977194	0.015256643
ENSG00000079277	0.023174242	0.031796254	0.035643808	0.022546124
ENSG00000126016	0.101078276	0.102123102	0.101075375	0.082073036
ENSG00000146007	0.024550125	0.030566272	0.032711295	0.022414266
ENSG00000101558	0.032990319	0.035445567	0.035891675	0.030312922
ENSG00000205423	0.024803416	0.031082292	0.031535881	0.026412255
ENSG00000178935	0.022288213	0.033050304	0.028779781	0.022615413
ENSG00000153310	0.031633242	0.036963017	0.035925023	0.029727806
ENSG00000186943	0.015432413	0.024810771	0.026134723	0.015147665
ENSG00000013619	0.016272134	0.025339494	0.025262512	0.016188818
ENSG00000102390	0.035807369	0.03286147	0.036243645	0.030106031
ENSG00000188958	0.086096316	0.122524282	0.111064579	0.100580614
ENSG00000104728	0.036782637	0.030000279	0.034701697	0.024927073
ENSG00000137507	0.081446342	0.064017943	0.067036567	0.060941223
ENSG00000111249	0.015409007	0.024498673	0.024980341	0.014087046
ENSG00000074219	0.033656463	0.035695445	0.0380475	0.033278596
ENSG00000114999	0.015451579	0.025302168	0.024748058	0.015766189

ENSG0000020444	0.035456787	0.034041074	0.033819896	0.022601078
ENSG00000095906	0.032798517	0.036091022	0.03189814	0.022164022
ENSG00000134061	0.031645718	0.042254635	0.043630623	0.035460231
ENSG00000113083	0.018915663	0.028202208	0.026231509	0.01593719
ENSG00000150773	0.022590658	0.02945509	0.027542337	0.022936244
ENSG00000186652	0.055326628	0.056126898	0.044822426	0.051066637
ENSG00000144357	0.02965787	0.031830766	0.036664416	0.02893884
ENSG00000180801	0.018076446	0.026054092	0.02655611	0.017600836
ENSG00000100364	0.046337899	0.049150368	0.047939744	0.039387679
ENSG00000120662	0.0269689	0.032701592	0.030207276	0.019691112
ENSG00000173261	0.016747781	0.025994362	0.025477575	0.016719085
ENSG00000181031	0.072088608	0.045146014	0.043949978	0.037061613
ENSG00000165349	0.016113625	0.027362768	0.024193402	0.016664185
ENSG00000108272	0.029660792	0.034112302	0.032084569	0.022429521
ENSG00000085832	0.028584046	0.032198752	0.030640569	0.024650578
ENSG00000198846	0.07177868	0.072365972	0.058835085	0.07624414
ENSG00000076706	0.017023093	0.026331249	0.026113297	0.017781461
ENSG00000173093	0.015713265	0.025366603	0.025635946	0.015745488
ENSG00000105223	0.028901353	0.029245063	0.035673428	0.033740412
ENSG00000100802	0.036382573	0.040549269	0.036970699	0.029813099
ENSG00000125864	0.019331326	0.027331334	0.02643153	0.017356563
ENSG00000149231	0.048814545	0.047424852	0.038950342	0.066518571
ENSG00000168243	0.016550813	0.024672225	0.025056383	0.015788584
ENSG00000186376	0.023779826	0.032421692	0.026906762	0.022762178
ENSG00000147905	0.038056111	0.037584194	0.034809959	0.038130016
ENSG00000102125	0.024630938	0.028711057	0.031082273	0.023924361
ENSG00000072832	0.019274132	0.026547215	0.026752955	0.016748545
ENSG00000105656	0.020472654	0.03092817	0.029095344	0.025051343
ENSG00000170515	0.022593207	0.02650688	0.026570117	0.023024833
ENSG00000162366	0.014878642	0.025642964	0.025302907	0.015289397
ENSG00000204590	0.019796306	0.028346872	0.02871535	0.018659277
ENSG00000164283	0.015245824	0.024784427	0.024753283	0.014721367
ENSG00000188037	0.016428543	0.025842387	0.025868814	0.016257082
ENSG00000183032	0.018479263	0.025512207	0.025978887	0.015524974
ENSG00000167910	0.015390404	0.024462773	0.024587402	0.015950331
ENSG00000143753	0.039956145	0.038269619	0.037637579	0.027798429
ENSG00000136631	0.031945882	0.038104739	0.032045658	0.028974155
ENSG00000169105	0.022923717	0.029860341	0.027354404	0.022495396
ENSG00000110328	0.05601145	0.051165187	0.046238567	0.045789003
ENSG00000137872	0.016839649	0.025706979	0.026064792	0.016152714
ENSG00000166860	0.02445106	0.034593481	0.031727312	0.019208742
ENSG00000225830	0.021477596	0.027967437	0.026699843	0.017043956
ENSG00000164011	0.027753719	0.036837062	0.029418443	0.025431794
ENSG00000184602	0.065247548	0.071908332	0.05957631	0.068191744
ENSG00000173214	0.021565365	0.02948256	0.026872362	0.022177725
ENSG00000196408	0.021377462	0.034322305	0.030043555	0.020129604
ENSG00000114491	0.028550033	0.032476299	0.028417944	0.02241656
ENSG00000080822	0.021400007	0.028736473	0.028895008	0.020844003
ENSG00000170456	0.055367636	0.045139683	0.053059567	0.051082891
ENSG00000121236	0.073188688	0.055617166	0.046252506	0.0625385
ENSG00000198908	0.05682207	0.041267352	0.035523794	0.038175531
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ENSG00000145808	0.016877559	0.024675208	0.024854111	0.018238561
ENSG00000110347	0.018054654	0.026800323	0.026316643	0.017761829

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ENSG00000122735	0.015596947	0.025418635	0.024308597	0.017020281
ENSG00000088386	0.016077189	0.025084339	0.024352565	0.013831703
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ENSG00000091986	0.01557377	0.025239307	0.025259322	0.014731598
ENSG00000140691	0.038112615	0.039222199	0.056865949	0.040745948
ENSG00000176435	0.014873759	0.023772976	0.025601973	0.015463119
ENSG00000213145	0.049999862	0.042196742	0.03912911	0.040224362
ENSG00000177602	0.050798757	0.043121879	0.045859019	0.040963499
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ENSG00000107789	0.036821011	0.040581732	0.030628052	0.02895661
ENSG00000104760	0.015730037	0.025089692	0.026165649	0.016338051
ENSG00000101361	0.041414659	0.038290363	0.038386141	0.038225416
ENSG00000179344	0.032479429	0.041649824	0.04263354	0.040339939
ENSG00000116574	0.091435707	0.078762766	0.070921005	0.084641142
ENSG00000169251	0.044649856	0.048476716	0.041182755	0.038786507
ENSG00000136235	0.057977132	0.054361323	0.053476396	0.050177271
ENSG00000107968	0.042769814	0.042872246	0.047819146	0.049305631
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ENSG00000167397	0.028853094	0.027342708	0.030254006	0.023776199
ENSG00000173193	0.035186041	0.036162463	0.038036723	0.03545583
ENSG00000164645	0.017694623	0.027137337	0.025436076	0.018704345
ENSG00000160856	0.018911395	0.02768298	0.028649209	0.02670794
ENSG00000018510	0.035545166	0.037734904	0.032112992	0.024921252
ENSG00000075391	0.020963417	0.025197381	0.025969863	0.015474459
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ENSG00000117450	0.021458078	0.026419322	0.027215165	0.019048721
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ENSG00000187514	0.022626496	0.027602494	0.026285204	0.017754692
ENSG00000126545	0.017973313	0.025547607	0.027518448	0.017488904
ENSG00000109079	0.023101559	0.031406089	0.030854078	0.023421455
ENSG00000138347	0.015001957	0.024914338	0.024681593	0.014412754
ENSG00000153066	0.048004957	0.038572253	0.048624495	0.045624082
ENSG00000153162	0.056651448	0.062741016	0.05344526	0.063977371
ENSG00000171102	0.016547649	0.024961089	0.02645885	0.015711412
ENSG00000139116	0.044054714	0.076305913	0.072509568	0.067690738
ENSG00000115825	0.048743852	0.044729004	0.043296034	0.042400816
ENSG00000116874	0.036481531	0.040075089	0.034566909	0.0292589
ENSG00000151948	0.144280788	0.110986295	0.096545868	0.105615534
ENSG00000129187	0.029941578	0.039227149	0.036131819	0.02933436
ENSG00000119888	0.041751279	0.039321774	0.035214362	0.028520008
ENSG00000180089	0.021255085	0.028306466	0.02759357	0.021284869
ENSG00000174791	0.01529419	0.025618355	0.02398392	0.015786313
ENSG00000120055	0.015134131	0.024337768	0.025108919	0.01459952
ENSG00000070729	0.014982741	0.025508051	0.025839554	0.015731546
ENSG00000102879	0.034428228	0.030687744	0.031737927	0.030826624
ENSG00000183640	0.017388837	0.027623506	0.026875243	0.016991029
ENSG00000240857	0.029899653	0.036181324	0.03406073	0.0268481
ENSG00000121481	0.015532444	0.024682317	0.026333564	0.015731587
ENSG00000154309	0.019341105	0.027209783	0.025416244	0.018470335
ENSG00000144452	0.025405453	0.026562824	0.027413572	0.017649702
ENSG00000104381	0.021449487	0.025515057	0.026445921	0.017770692
ENSG00000122145	0.016886752	0.025481346	0.024840249	0.015355767

ENSG00000129295	0.016346521	0.0256046	0.024784404	0.014878552
ENSG00000133328	0.053697306	0.049160753	0.045069867	0.051819284
ENSG00000125834	0.02493561	0.030656101	0.031063918	0.024105906
ENSG00000174442	0.045491772	0.045976937	0.036783462	0.039950819
ENSG00000130226	0.01591404	0.024781019	0.025852906	0.014391719
ENSG00000153404	0.016738961	0.025746538	0.025776747	0.015296108
ENSG00000171100	0.037323912	0.03631559	0.037054607	0.037040021
ENSG00000095015	0.048936486	0.044889846	0.036117884	0.033495506
ENSG00000162630	0.016731151	0.02572855	0.025018771	0.015258266
ENSG00000172399	0.016632052	0.026003109	0.025235061	0.016099172
ENSG00000180806	0.017646751	0.024476153	0.025711925	0.016172069
ENSG00000151704	0.018184874	0.024811462	0.026615755	0.018584762
ENSG00000244355	0.015113242	0.025280297	0.025598023	0.015136529
ENSG00000172269	0.040350589	0.042430752	0.033966379	0.03326849
ENSG00000160401	0.016106464	0.024795893	0.026667124	0.015271953
ENSG00000140660	0.038341974	0.039082784	0.039957724	0.033930784
ENSG00000163735	0.017523756	0.026166218	0.025415914	0.015727829
ENSG00000213024	0.024520183	0.027456999	0.030178248	0.028037825
ENSG00000125037	0.02344318	0.029063253	0.03240636	0.020630996
ENSG00000147647	0.035793857	0.027332637	0.025453929	0.032663988
ENSG00000092068	0.015508515	0.024652951	0.024998719	0.015861943
ENSG00000164978	0.051800806	0.072810461	0.089024753	0.05154294
ENSG00000159459	0.02381761	0.031302302	0.034002234	0.023669746
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ENSG00000171777	0.017249453	0.025552414	0.025188049	0.015221325
ENSG00000022567	0.020568192	0.027359746	0.026779928	0.019929192
ENSG00000165474	0.07385993	0.046055186	0.043157974	0.063158664
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ENSG00000182816	0.016052598	0.024783183	0.024117047	0.015486682
ENSG00000117281	0.017951153	0.028386649	0.026191415	0.018769601
ENSG00000180008	0.019503856	0.025266921	0.026648014	0.016096602
ENSG00000196743	0.046597259	0.037313842	0.043735726	0.052908152
ENSG00000111445	0.038701364	0.033261895	0.031861059	0.029732037
ENSG00000132915	0.015927685	0.025676787	0.024765355	0.015818576
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ENSG00000153012	0.015672678	0.02477682	0.024027284	0.014501211
ENSG00000104863	0.020855354	0.027127218	0.028794046	0.024482928
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ENSG00000178718	0.047858401	0.045034638	0.04602024	0.045366533
ENSG00000109919	0.029380611	0.035596445	0.029725251	0.025430618
ENSG00000154832	0.041190614	0.03794023	0.042536039	0.042640074
ENSG00000170522	0.059545527	0.051110429	0.0445529	0.03937013
ENSG00000139549	0.015794616	0.025120469	0.0252854	0.01529958
ENSG00000105568	0.019064509	0.026767334	0.030299261	0.019403314
ENSG00000204873	0.017467124	0.02699434	0.026736344	0.016547316
ENSG00000123066	0.063171614	0.072869979	0.071884893	0.069257429
ENSG00000172830	0.016180824	0.024853426	0.024282717	0.014533799
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ENSG00000196865	0.026367053	0.033328063	0.026842654	0.052643247
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ENSG00000125901	0.028835346	0.027637257	0.029284804	0.021209998
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ENSG00000169750	0.030584385	0.0315838	0.031624954	0.02669716
ENSG00000171794	0.015457062	0.025290473	0.024379826	0.020864711

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ENSG00000123411	0.021258316	0.027228646	0.02770619	0.020039485
ENSG00000145687	0.027340559	0.037822933	0.040509952	0.029768029
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ENSG00000095981	0.014980074	0.025753184	0.025098073	0.015438689
ENSG00000167971	0.015982674	0.025033902	0.024452838	0.01535671
ENSG00000132517	0.017358814	0.026111723	0.025444072	0.016879646
ENSG00000113812	0.033224187	0.039585363	0.033204777	0.032430827
ENSG00000218891	0.029865204	0.029018252	0.032577152	0.02738417
ENSG00000101997	0.020722681	0.02898196	0.029788324	0.025612494
ENSG00000182195	0.024787728	0.029484361	0.029935344	0.024820484
ENSG00000107159	0.037508277	0.043754454	0.049699338	0.033110208
ENSG00000185519	0.01855591	0.026997307	0.02532878	0.018085347
ENSG00000147481	0.015546312	0.025763264	0.024843863	0.015584008
ENSG00000198824	0.036641276	0.035842654	0.043181145	0.031856224
ENSG00000100060	0.027379023	0.033673506	0.035343542	0.026426423
ENSG00000165724	0.036595019	0.035916801	0.039502802	0.031397393
ENSG00000136869	0.018440425	0.025399976	0.02658146	0.01759618
ENSG00000183303	0.015420348	0.025264419	0.0246053	0.015999351
ENSG00000127586	0.04983563	0.051852805	0.043915011	0.033103018
ENSG00000149084	0.026891073	0.030390811	0.029466012	0.026590073
ENSG00000157358	0.026531009	0.026396712	0.028077851	0.015661079
ENSG00000135900	0.027617575	0.035748107	0.033158177	0.02397848
ENSG00000170961	0.016650107	0.026886581	0.024887674	0.016960524
ENSG00000170100	0.016826238	0.026492072	0.026688529	0.017244845
ENSG00000086015	0.031291877	0.034769414	0.030790367	0.027221489
ENSG00000114779	0.029213024	0.028893672	0.032667384	0.032376671
ENSG00000151617	0.059888089	0.032225288	0.026109359	0.033549286
ENSG00000203747	0.016062666	0.024695366	0.025797945	0.015426417
ENSG00000182858	0.023766457	0.027658682	0.033887108	0.025618956
ENSG00000100578	0.03704759	0.03919291	0.03096319	0.024796773
ENSG00000179456	0.017261348	0.025668114	0.024733819	0.015232167
ENSG00000182378	0.063623215	0.053200847	0.046188117	0.04465017
ENSG00000105619	0.023297545	0.028144675	0.029646412	0.025666678
ENSG00000237649	0.047695294	0.036491824	0.03527599	0.035150224
ENSG00000214107	0.014820969	0.025827506	0.024363502	0.015614691
ENSG00000100024	0.063962154	0.05501916	0.051831498	0.059178224
ENSG00000184155	0.016194082	0.025246172	0.024544748	0.015219571
ENSG00000158773	0.03624152	0.037445782	0.039367163	0.035711648
ENSG00000167554	0.021518847	0.035837681	0.026127755	0.019138553
ENSG00000117425	0.015193624	0.025444196	0.024880176	0.015608046
ENSG00000104231	0.026874291	0.033560241	0.031697719	0.022890845
ENSG00000204897	0.016203389	0.025597413	0.024420171	0.016335082
ENSG00000188095	0.017253232	0.026650247	0.027726496	0.015525524
ENSG00000124198	0.035333366	0.036894479	0.039440399	0.034664198
ENSG00000115841	0.017646318	0.027499868	0.027514339	0.017452676
ENSG00000147571	0.016723068	0.026189288	0.026340815	0.017310625
ENSG00000159714	0.018708606	0.026132287	0.026562396	0.018009004
ENSG00000116128	0.02592784	0.033919104	0.033327933	0.024142376
ENSG00000122591	0.018810105	0.025689374	0.029746416	0.017405583
ENSG00000167977	0.023497076	0.027797505	0.03073278	0.023879086
ENSG00000035862	0.018274505	0.030294459	0.035037854	0.02147578
ENSG00000179111	0.029889465	0.038615184	0.040117844	0.037856174

ENSG00000104218	0.034448593	0.033697356	0.0302111	0.031798794
ENSG00000111077	0.015471045	0.024700816	0.024859217	0.015395874
ENSG00000159884	0.033622564	0.038806729	0.035128464	0.032894273
ENSG00000130701	0.020305715	0.02731711	0.02751799	0.020322314
ENSG00000081853	0.016147717	0.02655432	0.025225469	0.015329684
ENSG00000134470	0.015729721	0.025486914	0.027845809	0.015466093
ENSG00000088035	0.03696295	0.03848984	0.034805495	0.026659837
ENSG00000100219	0.045830491	0.042611797	0.042930652	0.041839884
ENSG00000161180	0.017416521	0.026828748	0.026850161	0.016982672
ENSG00000180190	0.016323966	0.025608846	0.02499296	0.014830348
ENSG00000118520	0.015814731	0.025086652	0.024480538	0.015535084
ENSG00000172458	0.029772912	0.029743992	0.028884026	0.025750978
ENSG00000120705	0.031301776	0.034980585	0.032367708	0.030685526
ENSG00000101182	0.019164406	0.026496115	0.025057091	0.01984892
ENSG00000093010	0.025470625	0.032231417	0.032232489	0.033099121
ENSG00000129515	0.026684819	0.031535835	0.033043806	0.023711963
ENSG00000127533	0.016130016	0.025379419	0.026385074	0.016947584
ENSG00000119929	0.028439288	0.030997752	0.034920917	0.02299016
ENSG00000168883	0.027046569	0.031828131	0.032101372	0.023817196
ENSG00000125977	0.020166344	0.027983293	0.027001636	0.018891332
ENSG00000175315	0.017472204	0.026729231	0.026073978	0.016087619
ENSG00000186352	0.087022946	0.066395841	0.079007068	0.072078359
ENSG00000141668	0.023475814	0.024776486	0.02658666	0.016547486
ENSG00000078304	0.01814214	0.026953114	0.024791347	0.015522663
ENSG00000178381	0.037754716	0.03589921	0.037822132	0.029028704
ENSG00000154114	0.037087175	0.038678426	0.035169699	0.033063016
ENSG00000197081	0.032544778	0.03948857	0.039053345	0.034400553
ENSG00000112599	0.015806941	0.026343386	0.025886029	0.018665398
ENSG00000167769	0.014969477	0.025547586	0.025593591	0.01523014
ENSG00000101901	0.03986304	0.044647637	0.051147374	0.037899533
ENSG00000179178	0.016227673	0.025922762	0.026532075	0.01655444
ENSG00000068615	0.033034954	0.02816078	0.025020891	0.022843182
ENSG00000122877	0.072985541	0.053319986	0.054095609	0.060073974
ENSG00000163486	0.043963174	0.037415374	0.038597238	0.038892465
ENSG00000078246	0.016576462	0.025381933	0.025770493	0.015163322
ENSG00000166169	0.02360263	0.027757232	0.031011229	0.027834507
ENSG00000133561	0.101638319	0.075834299	0.08164734	0.090417972
ENSG00000167685	0.023480953	0.029972657	0.028405372	0.022329961
ENSG00000027075	0.137717885	0.107238396	0.117988824	0.133605871
ENSG00000180817	0.018523617	0.026781466	0.026476126	0.018620997
ENSG00000188026	0.017682883	0.026608167	0.02545192	0.016825058
ENSG00000111737	0.033046353	0.03934554	0.039282495	0.034566366
ENSG00000167720	0.038663878	0.040361229	0.032808689	0.029845835
ENSG00000169564	0.020450229	0.027597315	0.025376927	0.016104102
ENSG00000196653	0.075381639	0.066476922	0.071559938	0.048480363
ENSG00000125954	0.034145283	0.03862297	0.033817132	0.023832811
ENSG00000185010	0.019764136	0.026938132	0.02564801	0.018073056
ENSG00000121005	0.015444504	0.025972853	0.024172049	0.014646013
ENSG00000188001	0.093128849	0.072657738	0.05345026	0.075254844
ENSG00000097021	0.060833949	0.043188078	0.045230379	0.060585189
ENSG00000169174	0.015035691	0.024597862	0.025078324	0.014982319
ENSG00000102287	0.018040648	0.02425222	0.025216354	0.016852788
ENSG00000111181	0.021715112	0.02715735	0.025188506	0.016485947
ENSG00000132164	0.016152222	0.026110449	0.025560972	0.014687767

ENSG00000134758	0.034960551	0.040887215	0.038663937	0.035590793
ENSG00000140367	0.032179705	0.035247432	0.035278964	0.028140219
ENSG00000165197	0.016509412	0.02524501	0.026609065	0.016034603
ENSG00000106263	0.034624825	0.026978463	0.030389457	0.028196468
ENSG00000120451	0.026955629	0.035963351	0.028359331	0.025986425
ENSG00000055163	0.026790051	0.031346597	0.031208997	0.035031648
ENSG00000100911	0.026511491	0.033300641	0.03036438	0.024227119
ENSG00000134684	0.023391408	0.028853522	0.029719727	0.021883785
ENSG00000172748	0.020810603	0.029302277	0.028478946	0.019119135
ENSG00000108187	0.038821141	0.037837266	0.034454496	0.036609487
ENSG00000117133	0.02823265	0.032035266	0.033632895	0.029549398
ENSG00000183020	0.024709546	0.033993141	0.031704702	0.023681345
ENSG00000171459	0.013128741	0.023511326	0.02384858	0.012890179
ENSG00000136156	0.062432475	0.055571255	0.052035147	0.040912056
ENSG00000167080	0.020492264	0.025585003	0.025469634	0.018174112
ENSG00000176160	0.040356418	0.033425178	0.030065738	0.029288757
ENSG00000171044	0.017923935	0.025773159	0.024447467	0.015611225
ENSG00000104419	0.109936616	0.103773912	0.080361109	0.108566903
ENSG00000198363	0.015786163	0.025398318	0.025516862	0.016036377
ENSG00000165501	0.04178768	0.034927468	0.035257378	0.033476718
ENSG00000127311	0.022392381	0.031949504	0.028123146	0.025478145
ENSG00000095397	0.030502045	0.039366629	0.026946015	0.022166194
ENSG00000132405	0.028319099	0.03561406	0.032807159	0.023308253
ENSG00000205090	0.015981151	0.02495132	0.02484918	0.015580049
ENSG00000102038	0.074287851	0.060127364	0.034989733	0.046250535
ENSG00000105146	0.022202486	0.029656352	0.033722732	0.023167165
ENSG00000180263	0.060696168	0.057720934	0.058647474	0.049400895
ENSG00000079432	0.023184144	0.031508381	0.033188008	0.02536399
ENSG00000144771	0.016077443	0.024590525	0.024597546	0.016171485
ENSG00000206073	0.017675371	0.025385738	0.026563607	0.017071202
ENSG00000136839	0.018129031	0.027038938	0.025759043	0.015956527
ENSG00000222004	0.015445409	0.025621455	0.025396764	0.014984261
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ENSG00000196811	0.016025873	0.024930967	0.024378753	0.015909434
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ENSG00000156150	0.015715822	0.026226371	0.024362233	0.015394175
ENSG00000151148	0.031109909	0.037950558	0.030599375	0.026107419
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ENSG00000175920	0.016903586	0.025232291	0.02501253	0.016553309
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ENSG00000141433	0.016119464	0.027201562	0.025213284	0.015136571
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ENSG00000131849	0.042420288	0.033275719	0.033073804	0.025669182
ENSG00000121905	0.015330647	0.025653294	0.024053564	0.014615147
ENSG00000176182	0.028715559	0.035424637	0.030389946	0.024621579
ENSG00000197841	0.023762716	0.028253298	0.026080315	0.019209576
ENSG00000161405	0.033930005	0.041869139	0.038092958	0.035880354
ENSG00000148935	0.105194883	0.074277212	0.083716067	0.093052119
ENSG00000165802	0.01456605	0.025996533	0.025288586	0.014972778
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ENSG00000230989	0.029413851	0.030887488	0.030483156	0.021546

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ENSG00000124216	0.015546082	0.024885098	0.025082332	0.016472772
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ENSG00000198851	0.066998058	0.044743009	0.032803721	0.055092847
ENSG00000067560	0.018054421	0.027160602	0.026587944	0.017845231
ENSG00000103111	0.031764112	0.037916682	0.03780385	0.033251407
ENSG00000118322	0.015958268	0.024831083	0.024746356	0.016248063
ENSG00000172000	0.016955871	0.025198018	0.024945424	0.015825082
ENSG00000176732	0.029847445	0.030780339	0.029879592	0.020198946
ENSG00000196632	0.017418913	0.025653973	0.026384229	0.015494289
ENSG00000155016	0.043917558	0.04072831	0.038641257	0.039227785
ENSG00000224201	0.019772162	0.025807651	0.025993083	0.016816759
ENSG00000079393	0.022750571	0.027969634	0.029472172	0.018701287
ENSG00000156206	0.015452579	0.024668782	0.025201067	0.015022628
ENSG00000137494	0.019255701	0.025774088	0.025480984	0.018955301
ENSG00000162885	0.021595819	0.027230043	0.027897618	0.019777442
ENSG00000186190	0.015999107	0.02416372	0.024590287	0.014919207
ENSG00000142453	0.024188959	0.028103291	0.030244461	0.022799724
ENSG00000107104	0.014061763	0.02508967	0.024434388	0.016138904
ENSG00000227345	0.030887699	0.040435598	0.03017451	0.022906668
ENSG00000129151	0.046461126	0.027447326	0.02553978	0.019834175
ENSG00000137500	0.027813315	0.031663979	0.027923942	0.018655491
ENSG00000085719	0.025862699	0.032401314	0.031636505	0.023479124
ENSG00000154813	0.030453707	0.034337517	0.037804301	0.030747218
ENSG00000132661	0.0309391	0.039617804	0.041523233	0.027901655
ENSG00000165006	0.022823377	0.032280504	0.03705005	0.018096948
ENSG00000160182	0.018233573	0.026687121	0.026233822	0.015971747
ENSG00000168303	0.0232223	0.028964968	0.029549058	0.019500899
ENSG00000169297	0.016750637	0.025884189	0.024586044	0.016141087
ENSG00000155659	0.017379558	0.025572332	0.026431839	0.017122745
ENSG00000105700	0.021199539	0.027379887	0.030252036	0.021387156
ENSG00000155380	0.042027513	0.052505012	0.04425277	0.076327804
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ENSG00000158301	0.033570389	0.033371759	0.032580824	0.026216572
ENSG00000164117	0.027285884	0.035054023	0.031433923	0.025905789
ENSG00000101335	0.04771224	0.052985732	0.032686077	0.038016896
ENSG00000138092	0.037871949	0.032811263	0.034360053	0.02609292
ENSG00000142186	0.037958632	0.042684096	0.044128197	0.035588581
ENSG00000126856	0.054875142	0.043564057	0.037517325	0.042880069
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ENSG00000136197	0.034859048	0.03618874	0.030408238	0.026372455
ENSG00000170616	0.016158753	0.025492799	0.024962885	0.016277693
ENSG00000112041	0.015557892	0.025380767	0.024089633	0.015475473
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ENSG00000198015	0.031872065	0.033487941	0.030737657	0.025785681
ENSG00000186184	0.022893936	0.03254945	0.029097252	0.026760137
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ENSG00000215203	0.014323335	0.024349271	0.023645397	0.013763507
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ENSG00000134962	0.016150115	0.025358719	0.024643572	0.016350759
ENSG00000138738	0.015357709	0.025844097	0.025162537	0.015907408
ENSG00000118564	0.017600875	0.026916688	0.0266854	0.018180707
ENSG00000083123	0.046254642	0.04984258	0.03918009	0.033056219
ENSG00000161031	0.026186294	0.029795259	0.030996369	0.028647518
ENSG00000163902	0.027809094	0.030093324	0.033525113	0.028527917
ENSG00000131459	0.04203586	0.031308527	0.031237957	0.022077011
ENSG00000096746	0.029836386	0.030981138	0.02969813	0.025578661
ENSG00000144134	0.036698652	0.041111264	0.038337739	0.0350109
ENSG00000166855	0.026694443	0.032219175	0.031005377	0.025857007
ENSG00000131480	0.016437496	0.024448781	0.02474128	0.016666914
ENSG00000165621	0.016584129	0.025480508	0.024842126	0.015508537
ENSG00000100055	0.046913779	0.04005679	0.040561648	0.040864662
ENSG00000198390	0.015793817	0.02476322	0.025040865	0.016006024
ENSG00000151348	0.038901786	0.041754926	0.036944883	0.031441835
ENSG00000128191	0.035347457	0.033900857	0.032102096	0.036040023
ENSG00000145287	0.07782621	0.050620416	0.053115091	0.051652459
ENSG00000161610	0.015436379	0.027517261	0.02794715	0.015940763
ENSG00000181408	0.015981851	0.025754598	0.024627213	0.014875888
ENSG00000198324	0.016394911	0.025479889	0.025266176	0.014228833
ENSG00000177685	0.060353413	0.044774997	0.040817949	0.041906327
ENSG00000105887	0.034550639	0.040256552	0.0340323	0.030658427
ENSG00000136874	0.020748185	0.029990249	0.029504543	0.019585455
ENSG00000143543	0.020754971	0.028409833	0.026078003	0.018370421
ENSG00000115339	0.033955482	0.03612598	0.037101158	0.041154841
ENSG00000120306	0.047230891	0.038361076	0.040759874	0.046281687
ENSG00000135678	0.018742174	0.025774893	0.025809453	0.017081207
ENSG00000197483	0.0165773	0.029615739	0.030388894	0.018289759
ENSG00000132970	0.015862097	0.025399058	0.025736953	0.018031127
ENSG00000175121	0.016183781	0.024812787	0.02435028	0.015993188
ENSG00000105379	0.03252978	0.033434528	0.035462477	0.028125469
ENSG00000142611	0.016490985	0.025084289	0.024178642	0.01510016
ENSG00000243147	0.019942565	0.028060051	0.027816334	0.017652772
ENSG00000137819	0.017084072	0.026642273	0.025664994	0.017086494
ENSG00000169957	0.034073853	0.035697341	0.038463582	0.029337889
ENSG00000148798	0.059040699	0.031511447	0.035960168	0.052361537
ENSG00000143493	0.035506868	0.036585554	0.038135664	0.040393201
ENSG00000127824	0.044064529	0.033090909	0.031836147	0.031021005
ENSG00000175727	0.05091619	0.047977943	0.047162734	0.042614346
ENSG00000168597	0.022030938	0.02913511	0.026958493	0.021458409
ENSG00000177335	0.022988122	0.028016372	0.027924158	0.020232366
ENSG00000111058	0.016337149	0.024965414	0.024038182	0.014581469
ENSG00000152061	0.043099278	0.042291911	0.038532234	0.046873848
ENSG00000140859	0.030043847	0.030724553	0.028553589	0.021309823
ENSG00000146066	0.021496551	0.027939305	0.029545156	0.028670974
ENSG00000177613	0.028431998	0.040564927	0.040073074	0.026581818
ENSG00000188800	0.014370996	0.025165747	0.025521661	0.014470049
ENSG00000117620	0.032933	0.036071276	0.032659487	0.023367784
ENSG00000146535	0.027533575	0.029104991	0.026293498	0.02339336
ENSG00000152455	0.027030798	0.029707417	0.029308066	0.024011489
ENSG00000140398	0.085115181	0.062309579	0.059404123	0.081524073

ENSG00000174562	0.01430295	0.024877638	0.025019761	0.015180825
ENSG00000176208	0.042212902	0.04154257	0.033746335	0.040144318
ENSG00000133800	0.01512985	0.024611696	0.025181823	0.01477264
ENSG00000111653	0.016173933	0.024845899	0.024781777	0.015488759
ENSG00000102362	0.055149432	0.025331855	0.025858087	0.026782639
ENSG00000179750	0.070676991	0.127929457	0.12701674	0.060184376
ENSG00000059691	0.028919148	0.033648329	0.032391841	0.024926924
ENSG00000138650	0.015368956	0.024567173	0.025317702	0.016123486
ENSG00000120509	0.024396797	0.030756233	0.027717068	0.020396327
ENSG00000175497	0.016508298	0.025468115	0.025365446	0.015654181
ENSG00000140519	0.014935795	0.025216891	0.024879622	0.014131129
ENSG00000197714	0.024721418	0.031934193	0.029434217	0.021604153
ENSG00000138162	0.026455162	0.028874578	0.025031055	0.01510334
ENSG00000155876	0.022980419	0.030313528	0.030732144	0.020116483
ENSG00000109089	0.019203161	0.025636973	0.026648658	0.017722918
ENSG00000101160	0.058922337	0.050734384	0.05233446	0.066848908
ENSG00000175182	0.051242584	0.046442342	0.038667393	0.042990346
ENSG00000182504	0.016535172	0.024972682	0.025845423	0.015973683
ENSG00000198077	0.01687137	0.024966053	0.024511055	0.014747795
ENSG00000100146	0.015576909	0.024802039	0.024955954	0.015318407
ENSG00000174502	0.014896583	0.024949717	0.024434416	0.015935904
ENSG00000177575	0.015340386	0.025009463	0.025579834	0.015084528
ENSG00000198858	0.016833548	0.026345674	0.026309101	0.016193729
ENSG00000137267	0.078534028	0.087192199	0.083935592	0.082672406
ENSG00000145780	0.033085079	0.04256348	0.036505934	0.028049192
ENSG00000171150	0.015806831	0.024906613	0.025272938	0.015679006
ENSG00000244045	0.029031711	0.036398329	0.035336916	0.034742895
ENSG00000171453	0.031243266	0.034834853	0.03832904	0.028181895
ENSG00000100842	0.016804038	0.025737645	0.024746736	0.014425101
ENSG00000166152	0.015457803	0.024858009	0.024876497	0.016055196
ENSG00000095261	0.029911289	0.033900963	0.031929435	0.022862355
ENSG00000171443	0.033096734	0.03565059	0.032619602	0.028653949
ENSG00000186648	0.016351348	0.027909797	0.02781237	0.016425419
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ENSG00000141971	0.03106119	0.031962557	0.032190557	0.024649139
ENSG00000136603	0.043998744	0.039705417	0.041749381	0.030209877
ENSG00000068079	0.03360724	0.034734695	0.033566859	0.029648774
ENSG00000171848	0.072089868	0.062327984	0.047065886	0.055115542
ENSG00000058262	0.029580862	0.033228472	0.043939853	0.036838855
ENSG00000173898	0.028664053	0.036547197	0.027446896	0.038795164
ENSG00000072274	0.027106651	0.029604369	0.0283862	0.024764473
ENSG00000116218	0.015148876	0.024617961	0.024611091	0.014960873
ENSG00000108175	0.056127761	0.039022897	0.036276804	0.041729425
ENSG00000155324	0.051727201	0.055390436	0.048686201	0.058590197
ENSG00000116698	0.01631847	0.025251138	0.026079071	0.01556465
ENSG00000147526	0.023785112	0.034654981	0.03329879	0.027072973
ENSG00000144560	0.047249477	0.041799313	0.048909355	0.038962434
ENSG00000134508	0.05341447	0.035937727	0.035585193	0.038354645
ENSG00000233224	0.031371108	0.031326231	0.034777142	0.033713846
ENSG00000172530	0.030696026	0.032526405	0.040088743	0.034313537
ENSG00000175471	0.047310197	0.040673501	0.041328381	0.044283029
ENSG00000115760	0.025986535	0.037654856	0.029388557	0.025573634
ENSG00000152705	0.018489276	0.028723892	0.02649135	0.017522128
ENSG00000116701	0.054674451	0.051265305	0.043425105	0.047291257

ENSG00000188452	0.031513309	0.027499075	0.026592062	0.022914324
ENSG00000051523	0.02690749	0.031314835	0.029108598	0.023588994
ENSG00000196345	0.026394273	0.031575745	0.026879962	0.02120584
ENSG00000205809	0.016808769	0.024653088	0.025105933	0.017089988
ENSG00000010165	0.034281519	0.041282829	0.034875303	0.029795272
ENSG00000048540	0.142422309	0.099611166	0.089717418	0.09541886
ENSG00000176294	0.016755601	0.025400879	0.028233529	0.014417903
ENSG00000174951	0.017055389	0.025664231	0.024762778	0.018166269
ENSG00000084774	0.03485247	0.039946471	0.035008554	0.026391109
ENSG00000107372	0.026588733	0.037354101	0.035762266	0.024877784
ENSG00000084628	0.034131442	0.029421868	0.02484013	0.017960954
ENSG00000144749	0.051960687	0.055063693	0.044945855	0.046943652
ENSG00000073803	0.024718899	0.030192155	0.032885564	0.027660222
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ENSG00000001626	0.016267878	0.02685182	0.026407607	0.016458894
ENSG00000074416	0.036805959	0.03788355	0.034690162	0.037069874
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ENSG00000129277	0.074254686	0.050752006	0.053359377	0.06156874
ENSG00000092054	0.024516323	0.025357589	0.02604863	0.018539681
ENSG00000164946	0.021377187	0.025347594	0.024374395	0.023277707
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ENSG00000144840	0.029943727	0.034123876	0.03534576	0.026806675
ENSG00000164587	0.012998215	0.023582113	0.023388337	0.014560897
ENSG00000168234	0.052261572	0.061492756	0.060091292	0.060118835
ENSG00000243056	0.048325602	0.053848005	0.04517061	0.05202232
ENSG00000198755	0.016400273	0.02508864	0.025795425	0.017130672
ENSG00000168917	0.083817065	0.072595688	0.044995369	0.052724872
ENSG00000152689	0.03487496	0.046842858	0.037358235	0.030730096
ENSG00000076770	0.017938306	0.02660067	0.026827505	0.022363596
ENSG00000151893	0.022375726	0.028548933	0.029027405	0.018442543
ENSG00000130518	0.014791957	0.024550846	0.024101022	0.014403915
ENSG00000132702	0.014845624	0.024589184	0.02404918	0.013698753
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ENSG00000067048	0.253568148	0.283227114	0.251468315	0.248287655
ENSG00000168010	0.044748828	0.039552024	0.03965922	0.036456216
ENSG00000184984	0.01552645	0.025516721	0.025032485	0.015295694
ENSG00000137693	0.018616246	0.025095873	0.024612252	0.015467747
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ENSG00000136068	0.065121737	0.058543157	0.050667773	0.051993538
ENSG00000178342	0.013981092	0.025387429	0.024978275	0.015295038
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ENSG00000164758	0.038310142	0.037027834	0.033287842	0.029347093
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ENSG00000189190	0.024682013	0.029009346	0.028920295	0.023481442
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ENSG00000067900	0.035068161	0.04574274	0.037256281	0.03231753
ENSG00000118707	0.026377709	0.034142533	0.031895846	0.022787608
ENSG00000141977	0.019704706	0.025754185	0.02565446	0.018102459
ENSG00000213416	0.01893877	0.026709688	0.028494553	0.017591944
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ENSG00000105245	0.019437554	0.03163805	0.033502972	0.028120683
ENSG00000149212	0.053609042	0.052315205	0.037122079	0.041222751
ENSG00000135709	0.081746378	0.051547674	0.05653588	0.05527522
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ENSG00000150076	0.022364687	0.026382874	0.028272598	0.018420071
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ENSG00000122218	0.019805501	0.028370393	0.030308452	0.020547979
ENSG00000165660	0.025657068	0.034225718	0.032388133	0.020884317
ENSG00000179284	0.017852545	0.026046623	0.02613511	0.017523659
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ENSG00000125743	0.022515804	0.027442382	0.027635599	0.020356281
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ENSG00000179914	0.016526504	0.025347666	0.024428366	0.015139262
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ENSG00000144406	0.019123276	0.026762373	0.026320138	0.017949287
ENSG00000197641	0.017373105	0.025334809	0.0258893	0.015768631
ENSG00000188827	0.015491945	0.025852243	0.025491209	0.015086016
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ENSG00000171316	0.027841308	0.033247624	0.033570443	0.026670753
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ENSG00000163661	0.015828047	0.025007252	0.025524677	0.014222997
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ENSG00000165795	0.015905564	0.025340444	0.025017943	0.01544737
ENSG00000163424	0.016278464	0.024882468	0.025129302	0.01497469
ENSG00000134490	0.043968465	0.04096061	0.042370889	0.038164227
ENSG00000102471	0.034220825	0.038916179	0.040556949	0.037153946
ENSG00000138796	0.044289489	0.042288049	0.035945308	0.030243177
ENSG00000227826	0.107741841	0.148766627	0.134662087	0.109525912
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ENSG00000169228	0.028134994	0.037142103	0.032519402	0.024059254
ENSG00000075073	0.016338451	0.025234981	0.024730715	0.015405537
ENSG00000166681	0.127278052	0.132542685	0.094318283	0.128707887
ENSG00000119705	0.021139615	0.027548307	0.026291701	0.020145469
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ENSG00000143479	0.052183281	0.041651966	0.042489031	0.037376688
ENSG00000097033	0.026364614	0.033653729	0.033709283	0.020673107
ENSG00000125787	0.015871791	0.025257243	0.024881542	0.015526703
ENSG00000121381	0.016408759	0.025208853	0.024534104	0.014501749
ENSG00000083857	0.099617583	0.050399749	0.028847072	0.050436222
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ENSG00000119865	0.018171405	0.026846859	0.026242908	0.015775644
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ENSG00000184650	0.021861855	0.029207447	0.027433424	0.020021362
ENSG00000079459	0.022211542	0.028858096	0.027362221	0.020586124
ENSG00000068781	0.015230156	0.024905408	0.025057991	0.015464092
ENSG00000172260	0.015845005	0.02451496	0.024462382	0.014955697
ENSG00000119408	0.034864232	0.043479985	0.042792318	0.039477417
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ENSG00000115155	0.035910876	0.035712291	0.041609503	0.034690845
ENSG00000146151	0.017011006	0.025028412	0.025314777	0.015580148
ENSG00000165775	0.027354354	0.029719627	0.032486113	0.027826207
ENSG00000171209	0.015515506	0.024648471	0.024228573	0.014138952
ENSG00000092295	0.032498741	0.035720019	0.035685887	0.029055251

ENSG00000148688	0.020044565	0.027432572	0.026247927	0.017203464
ENSG00000109929	0.030527509	0.034728613	0.038416766	0.02913874
ENSG00000179058	0.016338209	0.025619327	0.024580121	0.015278468
ENSG00000122958	0.023917271	0.03036276	0.028838436	0.023118555
ENSG00000186567	0.014218219	0.025170638	0.024470071	0.015341423
ENSG00000176248	0.02490966	0.028673098	0.028815468	0.025156464
ENSG00000106244	0.024777204	0.030071765	0.030876162	0.024244356
ENSG00000124813	0.01661014	0.025208824	0.025102282	0.014569248
ENSG00000179869	0.021537912	0.0280001	0.026136732	0.018264706
ENSG00000198246	0.015831004	0.024604926	0.024442686	0.014363767
ENSG00000198074	0.015361751	0.024589056	0.024723918	0.01566041
ENSG00000154124	0.035985175	0.039997949	0.041583807	0.032047614
ENSG00000088543	0.017913398	0.028179143	0.025085964	0.017814714
ENSG00000168078	0.048655446	0.037824941	0.035095162	0.037670097
ENSG00000223730	0.015867731	0.024675945	0.02496338	0.016456929
ENSG00000183340	0.025136738	0.034310633	0.028712939	0.021613779
ENSG00000103723	0.016539722	0.025238369	0.024814714	0.016326596
ENSG00000169248	0.01977118	0.026564856	0.026330058	0.015560784
ENSG00000156219	0.015387666	0.024948439	0.025298291	0.015332075
ENSG00000166823	0.052575478	0.049889508	0.046273043	0.044409802
ENSG00000162654	0.104295726	0.100500946	0.095493115	0.112277505
ENSG00000107223	0.016184748	0.024257109	0.024445773	0.01531503
ENSG00000221955	0.065760186	0.05070852	0.042758157	0.063599972
ENSG00000049239	0.01674936	0.024902024	0.023788423	0.015153609
ENSG00000144837	0.088297711	0.051954734	0.055388065	0.06714615
ENSG00000133627	0.03559944	0.035462872	0.032143262	0.030520161
ENSG00000100038	0.025382473	0.032359428	0.033729589	0.024445647
ENSG00000104067	0.08006845	0.031056064	0.027536544	0.040470152
ENSG00000187173	0.015635115	0.024164422	0.025463498	0.014941641
ENSG00000129235	0.028100335	0.03140443	0.026892941	0.025655136
ENSG00000115318	0.075318779	0.057654705	0.05109257	0.064507764
ENSG00000008294	0.032874724	0.033539159	0.034826107	0.024740193
ENSG00000106299	0.027850918	0.035418023	0.035111661	0.024714281
ENSG00000149582	0.018529236	0.028011462	0.026423325	0.018053946
ENSG00000197885	0.033971361	0.035208192	0.034422868	0.030516542
ENSG00000100523	0.034304677	0.039824649	0.032327399	0.031267605
ENSG00000148399	0.028979625	0.032793804	0.032775768	0.023900778
ENSG00000130427	0.016989304	0.025007889	0.026074655	0.018012762
ENSG00000185668	0.027004656	0.030422804	0.027636648	0.029158225
ENSG00000109111	0.020460812	0.028928294	0.030515592	0.022555215
ENSG00000135973	0.017614831	0.026577491	0.026606659	0.016697808
ENSG00000127928	0.01722319	0.025651418	0.02542835	0.016856237
ENSG00000186395	0.026859923	0.038981719	0.039935363	0.026658773
ENSG00000076554	0.020309128	0.026605539	0.027039747	0.016364153
ENSG00000114738	0.046730433	0.043940163	0.047336487	0.046670891
ENSG00000170348	0.032257278	0.035117829	0.037489904	0.029897156
ENSG00000105193	0.020606796	0.02737089	0.026267721	0.021310714
ENSG00000104883	0.018859589	0.027369431	0.024573796	0.016468467
ENSG00000115594	0.115406661	0.098671061	0.056684816	0.089605947
ENSG00000123473	0.016929191	0.026749585	0.025746678	0.017040754
ENSG00000122566	0.025877215	0.03145163	0.02783204	0.023503812
ENSG00000162627	0.025209923	0.025396366	0.025040802	0.016581618
ENSG00000180483	0.017095844	0.025461011	0.024923719	0.017687971
ENSG00000111300	0.03337373	0.032734993	0.033318842	0.029355792

ENSG0000086232	0.022768059	0.030236511	0.035657375	0.023672566
ENSG00000140678	0.062853714	0.053322396	0.049557818	0.082745547
ENSG00000173120	0.022093456	0.031581701	0.037018064	0.023599174
ENSG00000166432	0.025987313	0.029504238	0.027356546	0.026402101
ENSG00000129514	0.050466078	0.033936786	0.030457691	0.019678023
ENSG00000170035	0.014926281	0.024846278	0.025476184	0.014538397
ENSG00000142273	0.019468872	0.027881335	0.025996138	0.020659161
ENSG00000167749	0.049809311	0.05416763	0.045599851	0.057150976
ENSG00000163702	0.015262804	0.025703224	0.024442885	0.014968705
ENSG00000186081	0.028093747	0.024655569	0.025966027	0.019392446
ENSG00000013375	0.035822092	0.037174323	0.041259803	0.037064138
ENSG00000221986	0.017023242	0.026176736	0.024435074	0.015804418
ENSG00000133863	0.033453014	0.035824572	0.027159189	0.03173027
ENSG00000122884	0.061546758	0.038008041	0.035746485	0.040396563
ENSG00000176749	0.073791856	0.049850626	0.044908038	0.066003093
ENSG00000017621	0.016047284	0.025897924	0.024936005	0.015944318
ENSG00000248144	0.020403188	0.024336142	0.026123472	0.016789047
ENSG00000109445	0.027236066	0.031319703	0.031029985	0.020405668
ENSG00000188352	0.044322497	0.039630076	0.036974369	0.031656904
ENSG00000108561	0.025634467	0.027670555	0.026889078	0.020577716
ENSG00000153107	0.028616811	0.033269543	0.029877931	0.020203628
ENSG00000132541	0.053530818	0.048349407	0.038367852	0.040489648
ENSG00000223802	0.017932047	0.024901281	0.025599986	0.014990541
ENSG00000042429	0.023600183	0.030760325	0.027007888	0.019237292
ENSG00000125551	0.028879132	0.030557943	0.034607939	0.024129398
ENSG00000177082	0.031706248	0.035111474	0.042090098	0.027443172
ENSG00000134201	0.015962494	0.024653327	0.024558575	0.015650112
ENSG00000054116	0.028320605	0.033401713	0.032352615	0.02375788
ENSG00000198876	0.026511338	0.032219348	0.029467964	0.020894866
ENSG00000119778	0.023201281	0.032950446	0.029500745	0.020763045
ENSG00000169594	0.014848157	0.024394851	0.024768983	0.015692434
ENSG00000109099	0.015051004	0.025053714	0.024401794	0.026780195
ENSG00000140992	0.02549078	0.031938842	0.031573722	0.022675792
ENSG00000172888	0.028273905	0.031288793	0.030982269	0.023824914
ENSG00000149294	0.015613427	0.024469095	0.025078584	0.01620213
ENSG00000175376	0.03192916	0.035688875	0.03691153	0.024095842
ENSG00000140521	0.020775822	0.030281035	0.028757991	0.0200509
ENSG00000072786	0.029463244	0.033304377	0.034659596	0.0248956
ENSG00000006116	0.032759594	0.026436869	0.025210236	0.038742331
ENSG00000198719	0.036755412	0.051089887	0.042457149	0.050253191
ENSG00000186300	0.017945362	0.026987865	0.024663975	0.016625931
ENSG00000243667	0.036595095	0.04473641	0.036111621	0.031216614
ENSG00000196323	0.036929073	0.036978784	0.038387888	0.034951709
ENSG00000007306	0.015068531	0.024856297	0.024469923	0.015077528
ENSG00000196532	0.067619846	0.050237343	0.066201593	0.073517507
ENSG00000107937	0.028260208	0.034396131	0.033607291	0.030219119
ENSG00000183955	0.033165052	0.035584933	0.037039394	0.040025964
ENSG00000183431	0.026436365	0.030426563	0.033520855	0.026138545
ENSG00000145335	0.048266391	0.028709453	0.027149104	0.040569302
ENSG00000213347	0.043705752	0.032294837	0.034338313	0.029841097
ENSG00000150991	0.014074979	0.02377619	0.024638588	0.013515026
ENSG00000182108	0.03382288	0.036872078	0.036043233	0.033771092
ENSG00000125821	0.029133572	0.032201426	0.03341834	0.023511746
ENSG00000109182	0.016704662	0.025514029	0.02500827	0.016381879

ENSG00000169116	0.023321252	0.028749397	0.027225706	0.024325342
ENSG00000196943	0.023224617	0.027537615	0.027215227	0.017926357
ENSG00000142511	0.014956617	0.024018489	0.024287215	0.01440346
ENSG00000158555	0.068971562	0.084019337	0.063433251	0.052496597
ENSG00000196376	0.016586026	0.02469643	0.024628169	0.015089233
ENSG00000124380	0.03333763	0.035884397	0.037050256	0.027192694
ENSG00000196565	0.067220104	0.026413282	0.025102266	0.021358345
ENSG00000114030	0.027933648	0.032127735	0.034731025	0.028644263
ENSG00000176853	0.039617047	0.040272536	0.046602455	0.033152434
ENSG00000182810	0.030676119	0.037726202	0.046649824	0.031595446
ENSG00000139610	0.01972326	0.025460446	0.025474285	0.017449417
ENSG00000087903	0.022074775	0.028665506	0.027247726	0.021396309
ENSG00000119723	0.017604347	0.025273216	0.025525617	0.016055503
ENSG00000124783	0.028056754	0.032666623	0.03305931	0.028010072
ENSG00000168438	0.034169806	0.040778757	0.034743538	0.02801558
ENSG00000151923	0.015400012	0.025918437	0.025274877	0.014124095
ENSG00000142528	0.024251559	0.02746832	0.028600697	0.030544991
ENSG00000165409	0.016335178	0.025578171	0.026744072	0.016559357
ENSG00000123453	0.032141293	0.040916271	0.037017905	0.04449024
ENSG00000061656	0.076001435	0.04647411	0.047846201	0.049464651
ENSG00000156136	0.046564262	0.052542091	0.039460105	0.033424238
ENSG00000081386	0.026438743	0.034688843	0.031646736	0.025640428
ENSG00000140830	0.0302002	0.02871868	0.035425491	0.026808846
ENSG00000163600	0.061788495	0.094602463	0.086661045	0.084955344
ENSG00000162174	0.098149246	0.049921756	0.042729534	0.065340412
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ENSG00000109381	0.02988408	0.04038693	0.040036071	0.026782651
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ENSG00000185860	0.01731295	0.024813396	0.025633708	0.015403454
ENSG00000111186	0.016830683	0.024969604	0.02556782	0.016133881
ENSG00000134278	0.020142219	0.023932363	0.025273932	0.015422684
ENSG00000126091	0.02686868	0.030251361	0.03186969	0.021098229
ENSG00000177752	0.016724962	0.025893511	0.025883604	0.016687183
ENSG00000094796	0.014994925	0.024586607	0.024341751	0.014862905
ENSG00000119535	0.018455597	0.026411487	0.025693433	0.017254582
ENSG00000188321	0.040128366	0.045568136	0.051539518	0.033756051
ENSG00000138744	0.063161793	0.04521069	0.045995171	0.056402574
ENSG00000181577	0.085944995	0.070420216	0.061848707	0.073638244
ENSG00000157500	0.033237481	0.044376642	0.038937939	0.035587343
ENSG00000099977	0.018604435	0.026885934	0.027535838	0.022320009
ENSG00000173681	0.038169766	0.036376663	0.033771022	0.036134023
ENSG00000131171	0.021239204	0.031756835	0.028189075	0.022893735
ENSG00000141150	0.01909183	0.025616436	0.026079631	0.017074593
ENSG00000162924	0.050610365	0.054336766	0.053010395	0.041154604
ENSG00000143612	0.018205842	0.026713407	0.026991563	0.018800548
ENSG00000173917	0.106656017	0.079936004	0.067234339	0.074961039
ENSG00000090659	0.014849904	0.025593427	0.025192937	0.016004837
ENSG00000175334	0.030249229	0.033161225	0.033152091	0.031690058
ENSG00000213654	0.021392066	0.028397566	0.033942793	0.022672622
ENSG00000163719	0.036966765	0.036854151	0.047264109	0.036048599
ENSG00000117592	0.030855064	0.036793644	0.033688679	0.024018243
ENSG00000188611	0.020654058	0.027333727	0.028689686	0.019187436
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ENSG00000138135	0.015937151	0.02688434	0.025624767	0.015855178
ENSG00000129221	0.017014896	0.025334808	0.024217595	0.015692699
ENSG00000173728	0.01674246	0.024779612	0.025292761	0.014733528
ENSG00000197497	0.029104196	0.02993024	0.031413731	0.025577156
ENSG00000105612	0.046521193	0.039108029	0.038491791	0.029933374
ENSG00000132623	0.020218555	0.026942358	0.025442818	0.015905635
ENSG00000171487	0.016650464	0.025330664	0.024834247	0.015619724
ENSG00000213380	0.019177607	0.027402436	0.031165976	0.020015407
ENSG00000118094	0.01681347	0.024542912	0.025220966	0.015431892
ENSG00000141425	0.034132239	0.036971004	0.032117776	0.028813746
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ENSG00000163565	0.025780532	0.029801768	0.029222006	0.021928227
ENSG00000162992	0.017908966	0.026866608	0.027423837	0.015829761
ENSG00000197976	0.023817975	0.0315203	0.029166243	0.024837092
ENSG00000132326	0.036804053	0.038139563	0.040215605	0.033324288
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ENSG00000203326	0.030251719	0.036236204	0.036354712	0.032798462
ENSG00000175115	0.03331427	0.036589675	0.037310502	0.033671822
ENSG00000135686	0.030758359	0.034807382	0.036221357	0.024963597
ENSG00000068323	0.018673826	0.028664903	0.031342704	0.019617228
ENSG00000106823	0.022329277	0.028982831	0.028660574	0.021323663
ENSG00000100116	0.045108716	0.036449955	0.036876616	0.033460821
ENSG00000092841	0.021854117	0.028812606	0.02679955	0.021211225
ENSG00000146360	0.017213844	0.026816048	0.024367453	0.015762991
ENSG00000216937	0.01836482	0.026958418	0.026822162	0.015853058
ENSG00000047617	0.014968292	0.024334387	0.024641722	0.015293016
ENSG00000111110	0.014742373	0.025051531	0.024179469	0.014511326
ENSG00000184307	0.048903436	0.040824055	0.040719991	0.038182331
ENSG00000174886	0.020397983	0.02724423	0.02781318	0.017821034
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ENSG00000172725	0.030474938	0.035537612	0.028501072	0.031371066
ENSG00000013306	0.028778364	0.029737869	0.028238058	0.02245035
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ENSG00000133104	0.092886331	0.068071152	0.054158162	0.067907852
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ENSG00000213215	0.016081543	0.024453374	0.026365635	0.014848964
ENSG00000089063	0.02428784	0.030218735	0.026550031	0.020646684
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ENSG00000110244	0.017954254	0.027121276	0.026109534	0.016945888
ENSG00000110076	0.016963008	0.025432257	0.02704474	0.01701892
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ENSG00000070019	0.021613596	0.026861448	0.029272828	0.024028585
ENSG00000119599	0.039839372	0.046997226	0.054922513	0.038558677
ENSG00000134216	0.016279267	0.024353894	0.024738908	0.015302602
ENSG00000237651	0.051709105	0.052516783	0.052526744	0.045815646
ENSG00000165181	0.017539746	0.027010354	0.025709752	0.016840193
ENSG00000175793	0.037416189	0.042145264	0.032616666	0.027274835

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ENSG00000129749	0.020774606	0.027972508	0.028804288	0.016485233
ENSG00000152242	0.024885567	0.030632295	0.032815438	0.021135955
ENSG00000124469	0.020742548	0.026292209	0.026701478	0.018597476
ENSG00000124370	0.035461168	0.034524337	0.035910961	0.029878655
ENSG00000167230	0.016174844	0.025630605	0.02530964	0.0163408
ENSG00000113569	0.01694987	0.025386496	0.025101116	0.015569285
ENSG00000074266	0.033253205	0.039095486	0.033460411	0.025813573
ENSG00000124564	0.015794334	0.024669061	0.025261959	0.016831648
ENSG00000164256	0.01808022	0.027605204	0.028397738	0.016568742
ENSG00000131043	0.026254609	0.038357814	0.043970699	0.027713042
ENSG00000158639	0.01804644	0.027003887	0.025985548	0.016553053
ENSG00000167139	0.016185712	0.025063067	0.024330561	0.014808785
ENSG00000167895	0.041197761	0.054232387	0.043481305	0.037627944
ENSG00000043355	0.018023095	0.024865771	0.02610207	0.017450828
ENSG00000108588	0.026704596	0.032569237	0.029029282	0.027262829
ENSG00000177108	0.015481524	0.024492429	0.024838662	0.015016651
ENSG00000142961	0.015506983	0.025975983	0.025814151	0.014918395
ENSG00000221926	0.032485669	0.038800901	0.039103972	0.032182952
ENSG00000130204	0.031815018	0.032843096	0.035775896	0.036082778
ENSG00000056277	0.035204911	0.033861465	0.031270807	0.026225091
ENSG00000187048	0.017054023	0.026085089	0.024583807	0.017615423
ENSG00000137193	0.065207849	0.05492716	0.046997216	0.053828195
ENSG00000085491	0.037681943	0.029100929	0.027974467	0.019390559
ENSG00000198087	0.053688023	0.059326204	0.041845842	0.090617669
ENSG00000178882	0.018419896	0.025578967	0.02784341	0.015699691
ENSG00000171160	0.042841793	0.047184635	0.037920603	0.042950045
ENSG00000119640	0.036988204	0.034083664	0.036275749	0.040482926
ENSG00000156515	0.017615306	0.027879652	0.026148019	0.017885937
ENSG00000163626	0.028814511	0.031470532	0.028954561	0.021859381
ENSG00000215009	0.015640715	0.02523398	0.024712952	0.014605429
ENSG00000121988	0.017741925	0.025805771	0.024616446	0.015698476
ENSG00000066427	0.037172182	0.041566279	0.03783536	0.034583802
ENSG00000133112	0.0161849	0.024815678	0.025194637	0.017633061
ENSG00000163217	0.016526787	0.026716225	0.026348048	0.016518445
ENSG00000186583	0.029822292	0.032710713	0.031451826	0.024928964
ENSG00000172209	0.015887494	0.025208777	0.025181989	0.014184632
ENSG00000008405	0.078821085	0.065070976	0.053091874	0.065448666
ENSG00000105971	0.067016748	0.057687315	0.051218589	0.019251075
ENSG00000180834	0.036198821	0.035255195	0.0431736	0.034967173
ENSG00000204815	0.025880338	0.030037955	0.02682994	0.025523079
ENSG00000151773	0.018157352	0.025708209	0.025607493	0.016915767
ENSG00000127580	0.019194317	0.028181033	0.028494654	0.022266831
ENSG00000169154	0.015681965	0.024907316	0.024986594	0.015276965
ENSG00000166292	0.039486296	0.032689545	0.037445626	0.051764015
ENSG00000116176	0.016962234	0.02526699	0.024359475	0.016508358
ENSG00000196189	0.041882331	0.048766691	0.048230141	0.040743233
ENSG00000138069	0.021522574	0.029459388	0.031202387	0.022177537
ENSG00000136280	0.029665054	0.034990603	0.036945315	0.026088808
ENSG00000056736	0.110614721	0.080326494	0.081287674	0.101137443
ENSG00000162695	0.030083505	0.034765498	0.038882819	0.029239669
ENSG00000166326	0.025790741	0.032980775	0.029620944	0.023325715
ENSG00000182853	0.01749477	0.025109562	0.026686759	0.016310867
ENSG00000164107	0.01546831	0.024525586	0.024556842	0.014998059

ENSG00000157107	0.021296607	0.028492809	0.026507819	0.022330783
ENSG00000182934	0.025963117	0.031042956	0.036758068	0.029660031
ENSG00000159398	0.017521663	0.026002698	0.024739177	0.014669675
ENSG00000213588	0.020087255	0.029197402	0.027708573	0.017559305
ENSG00000122787	0.016437518	0.024984319	0.025181447	0.015264615
ENSG00000021574	0.023059763	0.028844008	0.027398583	0.021630115
ENSG00000083168	0.02698163	0.031059633	0.032610914	0.02412522
ENSG00000253846	0.017054366	0.026763455	0.025276228	0.016647426
ENSG00000135837	0.028304695	0.035467061	0.032326978	0.028866063
ENSG00000073598	0.015869292	0.024672287	0.023790159	0.014872444
ENSG00000143185	0.148617157	0.136802821	0.130465001	0.144641035
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ENSG00000100311	0.01524148	0.025454884	0.025389339	0.015827367
ENSG00000056291	0.014733451	0.024686991	0.024768208	0.015672894
ENSG00000105507	0.015998755	0.024387068	0.02443824	0.014280803
ENSG00000109083	0.025188447	0.03110809	0.034875363	0.021788606
ENSG00000173258	0.017746832	0.024832315	0.026374932	0.015754898
ENSG00000148498	0.036380064	0.035948889	0.035554549	0.035708931
ENSG00000138640	0.075606725	0.061480958	0.049827283	0.06681908
ENSG00000249915	0.019562593	0.028949755	0.027809197	0.021485894
ENSG00000134440	0.027681594	0.030522161	0.029141874	0.02200279
ENSG00000136286	0.030263202	0.030832696	0.036463192	0.028361649
ENSG00000144713	0.014375577	0.024274996	0.024253927	0.015718597
ENSG00000102078	0.027232251	0.033408661	0.03113814	0.025512449
ENSG00000136877	0.03711762	0.041617344	0.037245247	0.0354217
ENSG00000196139	0.02754551	0.026530949	0.024762525	0.018240901
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ENSG00000099795	0.024469089	0.028572326	0.02740563	0.019423193
ENSG00000137275	0.032798972	0.039339083	0.044349014	0.030415462
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ENSG00000172660	0.02803902	0.033577875	0.031460881	0.025458559
ENSG00000168781	0.028036221	0.039371981	0.037777715	0.02950674
ENSG00000033030	0.031968456	0.035573957	0.032925374	0.024712497
ENSG00000164961	0.029393433	0.03429584	0.028337642	0.026764587
ENSG00000108479	0.042490397	0.036253779	0.030930366	0.025897761
ENSG00000165059	0.016928812	0.026350658	0.024609564	0.016632501
ENSG00000136003	0.026305321	0.030094159	0.028973449	0.022591802
ENSG00000161888	0.050189121	0.036167156	0.036381477	0.032519221
ENSG00000147874	0.039052305	0.039370771	0.034043966	0.046430782
ENSG00000124140	0.016174803	0.024876815	0.02470898	0.014903803
ENSG00000085998	0.030680253	0.0314541	0.029746183	0.025619288
ENSG00000083720	0.039533939	0.039588928	0.033359039	0.033648675
ENSG00000107984	0.017889843	0.025944058	0.025591106	0.017263787
ENSG00000130881	0.035053164	0.031008031	0.037495586	0.019017057
ENSG00000205403	0.018799175	0.025966121	0.025739069	0.01518561
ENSG00000126804	0.023849391	0.033363135	0.032215691	0.026756547
ENSG00000172320	0.018340381	0.025750009	0.025025189	0.015522724
ENSG00000111729	0.071473998	0.070131732	0.050169833	0.108463487
ENSG00000101290	0.033290027	0.036194758	0.033668464	0.029081284
ENSG00000175040	0.05196421	0.045095014	0.044302135	0.057614323
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ENSG00000198848	0.017166542	0.026346072	0.028207603	0.015845138

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ENSG00000144596	0.017310179	0.027728844	0.024954074	0.016326333
ENSG00000175868	0.017238724	0.025446627	0.025375987	0.015846132
ENSG00000112874	0.079708844	0.062606879	0.039735441	0.065847997
ENSG00000174606	0.031639694	0.035074728	0.032652824	0.029707669
ENSG00000178175	0.016927958	0.025613206	0.025491191	0.016806119
ENSG00000134046	0.014735696	0.024887612	0.025145873	0.016230427
ENSG00000197381	0.032153174	0.030431082	0.025451937	0.01469685
ENSG00000213949	0.052307591	0.051672797	0.039190371	0.050502561
ENSG00000145087	0.015815821	0.025567746	0.025322607	0.0157773
ENSG00000030304	0.015363031	0.023959376	0.024227586	0.014663111
ENSG00000065361	0.016072111	0.025913253	0.023940233	0.013905802
ENSG00000248099	0.034100442	0.033344136	0.031396569	0.030736533
ENSG00000022267	0.102797137	0.074423006	0.081980241	0.100198062
ENSG00000151657	0.025315589	0.030464911	0.034659704	0.029235473
ENSG00000244509	0.030553007	0.033995638	0.032367286	0.028721181
ENSG00000165757	0.019478279	0.024850575	0.025005118	0.015394181
ENSG00000108961	0.026768387	0.029467108	0.030081758	0.019208302
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ENSG00000101391	0.026354621	0.030826676	0.029629935	0.021839912
ENSG00000167671	0.031635174	0.037072105	0.036602024	0.029135713
ENSG00000156795	0.034226475	0.033345921	0.03457617	0.026407964
ENSG00000079156	0.016333615	0.026373997	0.02559204	0.016355937
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ENSG00000054598	0.021793612	0.027448721	0.027815935	0.018100815
ENSG00000135164	0.025613826	0.035503912	0.032076108	0.021504398
ENSG00000177535	0.015309	0.024892917	0.025548547	0.016160023
ENSG00000198223	0.02753292	0.032124677	0.033117579	0.019510831
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ENSG00000132465	0.061793153	0.046386102	0.045897919	0.04025927
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ENSG00000166265	0.015573689	0.024842928	0.025642161	0.016578792
ENSG00000197746	0.03394462	0.035152482	0.040134566	0.042030289
ENSG00000204314	0.016104092	0.02558126	0.024437171	0.014950326
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ENSG00000174282	0.030417008	0.034751555	0.037180836	0.03032257
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ENSG00000159871	0.018526452	0.025797753	0.02626263	0.016570867
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ENSG00000184937	0.044185047	0.03291294	0.030718133	0.039792474
ENSG00000111144	0.025406293	0.030529063	0.027257244	0.021954738
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ENSG00000145216	0.022938771	0.031813782	0.031269724	0.023887669
ENSG00000165948	0.039230508	0.034895414	0.035502783	0.028942777
ENSG00000115806	0.019792324	0.027852974	0.032084384	0.021670332
ENSG00000101577	0.030352977	0.032800272	0.03350034	0.028343914
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ENSG00000133393	0.024879286	0.030136786	0.031801386	0.022948301
ENSG00000139354	0.020938487	0.026398163	0.02572191	0.019658499
ENSG00000011021	0.018979913	0.026349645	0.025604733	0.015553682
ENSG00000122512	0.033603912	0.034190813	0.032245409	0.027621091
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ENSG00000177663	0.03062826	0.032755472	0.036819467	0.033369856
ENSG00000127947	0.035373096	0.037783342	0.036662634	0.031894364
ENSG00000106302	0.024080745	0.02819735	0.027652205	0.02234149
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ENSG00000165325	0.015456759	0.029260772	0.026407963	0.015031082
ENSG00000178395	0.017617843	0.024679415	0.026490407	0.016632576
ENSG00000177283	0.018496128	0.026496711	0.026613133	0.018027118
ENSG00000167011	0.020566507	0.026818067	0.028013745	0.017719426
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ENSG00000168309	0.016232637	0.027275684	0.027700384	0.018240044
ENSG00000104312	0.041486788	0.041047943	0.040594897	0.037225973
ENSG00000161996	0.042119055	0.044355688	0.037172767	0.043059746
ENSG00000175520	0.038900498	0.036423259	0.034245117	0.0358735
ENSG00000068366	0.041881084	0.049096342	0.04125598	0.038797349
ENSG00000108602	0.018720891	0.030126968	0.027851576	0.033502508
ENSG00000083097	0.03266903	0.042943091	0.035526675	0.029591921
ENSG00000085978	0.022422972	0.025147793	0.031888432	0.019197859
ENSG00000104973	0.02977084	0.033872762	0.033664069	0.020821886
ENSG00000144677	0.034810864	0.031633414	0.028104921	0.024984157
ENSG00000153246	0.016003046	0.024914841	0.025222442	0.014883503
ENSG00000006025	0.018780473	0.025215008	0.027624854	0.017340563
ENSG00000101400	0.037326521	0.031631421	0.032976829	0.033627446
ENSG00000173674	0.049337738	0.046894881	0.046352946	0.03410953

ENSG00000119632	0.025647185	0.032767897	0.030213664	0.025601237
ENSG00000125872	0.015875078	0.025906641	0.024716222	0.015228798
ENSG00000163527	0.039762636	0.043650539	0.041910191	0.039844026
ENSG00000196507	0.038800574	0.039542743	0.038167821	0.027694681
ENSG00000198919	0.036930846	0.038900104	0.031591929	0.029743546
ENSG00000153187	0.016046778	0.025186305	0.024480028	0.01464308
ENSG00000197121	0.022823615	0.028580208	0.026902463	0.018957706
ENSG00000140459	0.02174869	0.033708643	0.031755501	0.02178584
ENSG00000146090	0.015478667	0.025207567	0.024956064	0.016224154
ENSG00000028310	0.026700568	0.031252312	0.035509617	0.027134197
ENSG00000213494	0.014864846	0.024749587	0.024629094	0.015687413
ENSG00000178358	0.015794264	0.025188212	0.024464871	0.01588756
ENSG00000165416	0.024100468	0.029194489	0.028231271	0.023747134
ENSG00000166033	0.015841745	0.025338523	0.025922555	0.015390707
ENSG00000126603	0.015415977	0.024945828	0.024086798	0.014631969
ENSG00000178403	0.102758179	0.076010125	0.086209752	0.0899817
ENSG00000150456	0.037758429	0.038088202	0.032475802	0.033376232
ENSG00000163239	0.016772879	0.025782303	0.025376708	0.019162181
ENSG00000120675	0.038379065	0.037364728	0.031621747	0.02295015
ENSG00000125450	0.030625536	0.033442831	0.032634291	0.023940059
ENSG00000185480	0.037840048	0.036718723	0.036988656	0.035004481
ENSG00000079215	0.027852736	0.028378474	0.02560258	0.018168635
ENSG00000128617	0.018583383	0.026291265	0.025485858	0.015754967
ENSG00000104765	0.048916752	0.036203145	0.033873187	0.032005246
ENSG00000174236	0.016647893	0.02568693	0.02447488	0.015727815
ENSG00000186280	0.017152998	0.026167639	0.024935327	0.016382022
ENSG00000166351	0.016687592	0.025606685	0.024946298	0.014630228
ENSG00000160447	0.030199559	0.039867013	0.035131724	0.027042003
ENSG00000244115	0.02884324	0.035528744	0.035098669	0.02625914
ENSG00000180626	0.047454437	0.04663559	0.033210286	0.039507318
ENSG00000157181	0.023944449	0.028679189	0.028798235	0.021104167
ENSG00000110497	0.028604325	0.030818894	0.033531004	0.035937611
ENSG00000203857	0.015394231	0.025659973	0.025317265	0.015643798
ENSG00000166148	0.016445003	0.025188679	0.026720447	0.015832287
ENSG00000055208	0.027246649	0.032675904	0.030650099	0.030083909
ENSG00000168067	0.028515948	0.033320744	0.032490155	0.023282523
ENSG00000172382	0.017424027	0.025406837	0.024966471	0.014374134
ENSG00000157578	0.015225281	0.02480516	0.025164065	0.015783461
ENSG00000198910	0.015724073	0.025485587	0.024977818	0.016350106
ENSG00000172164	0.113628785	0.085400656	0.083112782	0.082596287
ENSG00000189269	0.015926808	0.025990971	0.02497489	0.015824688
ENSG00000163666	0.03472954	0.038583775	0.040250202	0.030472044
ENSG00000223496	0.034928479	0.040207501	0.04784686	0.036059027
ENSG00000182070	0.016221683	0.02616862	0.025285159	0.016449563
ENSG00000112077	0.015905589	0.024635969	0.025298741	0.014447646
ENSG00000132763	0.018122318	0.026854614	0.025437201	0.015361212
ENSG00000077942	0.016891455	0.025230263	0.026298307	0.016718247
ENSG00000196569	0.016386637	0.025848851	0.024859593	0.015491996
ENSG00000160299	0.029830214	0.037747653	0.032506425	0.025659071
ENSG00000136383	0.020988004	0.027335642	0.029333609	0.019619588
ENSG00000186765	0.018089074	0.02631822	0.024852083	0.021609934
ENSG00000162735	0.029329654	0.031556332	0.032833692	0.022501546
ENSG00000142606	0.018794708	0.026552858	0.024854633	0.01725244
ENSG00000113525	0.017669332	0.02759857	0.027887669	0.018014949

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ENSG00000096060	0.048919813	0.041943251	0.036785093	0.041901412
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ENSG00000149313	0.031762703	0.040393104	0.030165463	0.02725711
ENSG00000146378	0.017182851	0.025863735	0.026959488	0.01674054
ENSG00000144445	0.017081587	0.024740377	0.024846212	0.016035059
ENSG00000133020	0.016582092	0.025527265	0.02484834	0.016299019
ENSG00000152439	0.02005717	0.027735628	0.032490914	0.018482218
ENSG00000148826	0.015151865	0.024384949	0.02533148	0.014451025
ENSG00000120280	0.06528578	0.054778779	0.044894956	0.051194559
ENSG00000138606	0.033069006	0.03319433	0.034190805	0.027120724
ENSG00000155368	0.018857763	0.0251252	0.025198699	0.01611885
ENSG00000182185	0.030621053	0.031869175	0.030649424	0.031206238
ENSG00000085433	0.028048791	0.040062277	0.033994763	0.032207845
ENSG00000144063	0.015237892	0.024406344	0.024238157	0.014032436
ENSG00000089280	0.031079295	0.030322839	0.033743317	0.033164615
ENSG00000160256	0.028245519	0.029774901	0.029069801	0.025986157
ENSG00000130193	0.052704653	0.046786307	0.043535341	0.041379728
ENSG00000125458	0.030345139	0.02931284	0.031580411	0.025590188
ENSG00000184162	0.029321846	0.028678994	0.030713098	0.021065007
ENSG00000239382	0.027174143	0.032883209	0.031686546	0.020590402
ENSG00000105989	0.046958183	0.030181302	0.029862131	0.050311167
ENSG00000215440	0.04398518	0.040615342	0.043522152	0.041306504
ENSG00000137310	0.030217261	0.035841684	0.029646593	0.031143709
ENSG00000165060	0.03070667	0.030367557	0.034027182	0.025945209
ENSG00000111875	0.045149755	0.041728214	0.036478611	0.032766682
ENSG00000153283	0.107683297	0.077647699	0.084676715	0.11508813
ENSG00000170579	0.015825137	0.02499246	0.02520502	0.015067569
ENSG00000204376	0.0180217	0.026966435	0.027964135	0.018919645
ENSG00000155115	0.02957547	0.032624975	0.030499659	0.031180183
ENSG00000115232	0.064405154	0.065417384	0.045264399	0.046671452
ENSG00000183337	0.035079748	0.036831316	0.037327664	0.028894474
ENSG00000169660	0.04389002	0.047211192	0.039206352	0.040206235
ENSG00000182670	0.031615162	0.03386015	0.034857828	0.027960812
ENSG00000197056	0.035594646	0.039338937	0.036885316	0.038658872
ENSG00000065833	0.084462073	0.074135637	0.071618962	0.08828417
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ENSG00000079785	0.026637588	0.029345886	0.029699683	0.024138892
ENSG00000143162	0.044957394	0.039845109	0.044879879	0.030879653
ENSG00000166311	0.029152888	0.036428199	0.041666443	0.035071821
ENSG00000176635	0.017598855	0.02495485	0.024904417	0.016092024
ENSG00000075043	0.045855766	0.028763149	0.035939143	0.041644133
ENSG00000204371	0.0309288	0.03536395	0.030580553	0.026830873
ENSG00000137731	0.211043196	0.132501562	0.122784243	0.171088875
ENSG00000181061	0.026414135	0.032526069	0.029306304	0.035056694
ENSG00000174796	0.041289492	0.04452421	0.049096176	0.039136015
ENSG00000119973	0.01681578	0.024426329	0.025290053	0.01673363
ENSG00000168216	0.029301525	0.03659766	0.034007261	0.02411401
ENSG00000243772	0.016014477	0.024549968	0.025225505	0.015176039
ENSG00000136937	0.038121632	0.04016148	0.031403223	0.029274387
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ENSG00000168538	0.027566807	0.033859055	0.032176752	0.020894522

ENSG00000120289	0.015762433	0.025160835	0.024915754	0.015042162
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ENSG00000006075	0.044501635	0.045536674	0.049597723	0.042792246
ENSG00000184924	0.035758727	0.03756119	0.032189037	0.025965156
ENSG00000136143	0.033643315	0.040808939	0.031638896	0.027458758
ENSG00000111339	0.016239208	0.025476216	0.025220247	0.014900532
ENSG00000077800	0.014991957	0.025457045	0.02419346	0.014315645
ENSG00000136842	0.06074902	0.058643061	0.055244143	0.052043494
ENSG00000147408	0.031592798	0.033794984	0.039334662	0.040710402
ENSG00000136636	0.043946723	0.036659884	0.038890248	0.032313116
ENSG00000050405	0.044930938	0.035804529	0.033777001	0.044040877
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ENSG00000148341	0.030075893	0.038224178	0.036267637	0.027574603
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ENSG00000197959	0.064618319	0.064887235	0.040482712	0.04137803
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ENSG00000178209	0.039850045	0.044313265	0.036436252	0.037430061
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ENSG00000167522	0.029127349	0.033083831	0.03756111	0.027833104
ENSG00000162105	0.016091812	0.026248845	0.026354536	0.017099106
ENSG00000184831	0.035542693	0.037222036	0.031489258	0.027195
ENSG00000198208	0.05666256	0.03898369	0.043698286	0.037058692
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ENSG00000088682	0.02586667	0.031244619	0.030008509	0.022237669
ENSG00000105855	0.029619132	0.040862017	0.033750597	0.028185289
ENSG00000101158	0.029342357	0.030123467	0.032568668	0.026648507
ENSG00000178591	0.015515026	0.025133581	0.025520318	0.016171551
ENSG00000174123	0.042200713	0.051671198	0.058634069	0.042039906
ENSG00000176903	0.042782707	0.038937926	0.036896215	0.035241114
ENSG00000132498	0.015175858	0.02548729	0.025079701	0.017700823
ENSG00000172243	0.015219167	0.02473021	0.024669598	0.015947256
ENSG00000112167	0.033206031	0.034375435	0.035046833	0.02884873
ENSG00000138231	0.032327876	0.034755958	0.038241791	0.029749671
ENSG00000140479	0.029842018	0.033791363	0.031242982	0.035177916
ENSG00000114346	0.043735658	0.034818378	0.035087194	0.036850854
ENSG00000174327	0.018194221	0.026190014	0.025347733	0.018819968
ENSG00000082175	0.016618689	0.025312205	0.025096097	0.015191634
ENSG00000148482	0.029129583	0.02568323	0.025513197	0.015822662
ENSG00000175161	0.019971036	0.024871837	0.024742973	0.015658181

ENSG0000006071	0.016381013	0.026611228	0.025756398	0.01642093
ENSG00000198369	0.05124871	0.053930404	0.049248299	0.055100164
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ENSG00000179399	0.046208115	0.033843217	0.026850179	0.021342796
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ENSG00000137463	0.015976877	0.025221094	0.025764657	0.015945742
ENSG00000113649	0.025794078	0.029282492	0.028862346	0.021664664
ENSG00000135452	0.029980854	0.03460027	0.034349672	0.025826194
ENSG00000099810	0.03468355	0.034602048	0.02939473	0.04731647
ENSG00000161609	0.021228046	0.027210365	0.027610972	0.023990718
ENSG00000178741	0.017641195	0.026160894	0.026441628	0.019310206
ENSG00000168461	0.094764144	0.08720413	0.088378106	0.085564009
ENSG00000243696	0.01907804	0.026238437	0.026544164	0.017195354
ENSG00000120694	0.045338661	0.050660925	0.040863301	0.037492541
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ENSG00000129675	0.051044501	0.042522071	0.039647333	0.037209651
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ENSG00000152766	0.030082956	0.029421533	0.02854329	0.023006494
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ENSG00000119715	0.016963828	0.026471696	0.026404058	0.015249427
ENSG00000008735	0.016071929	0.02507406	0.025276975	0.015334243
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ENSG00000169393	0.016093058	0.025045374	0.025344346	0.015272998
ENSG00000105641	0.015625557	0.024932547	0.026562114	0.014985866
ENSG00000158055	0.068404322	0.039151133	0.029583339	0.039819212
ENSG00000155744	0.033702524	0.038380921	0.036388933	0.030374178
ENSG00000010030	0.041022058	0.04822527	0.037334985	0.047491116
ENSG00000099984	0.015885354	0.025672734	0.025728982	0.015856442
ENSG00000116205	0.026453257	0.043638323	0.032959468	0.035397229
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ENSG00000172007	0.020079142	0.02710892	0.02986789	0.020125749
ENSG00000151665	0.027803496	0.033705146	0.031199329	0.02283934
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ENSG00000140718	0.027638936	0.032332708	0.034765234	0.02343982
ENSG00000100372	0.044630869	0.043217983	0.039291056	0.041636042
ENSG00000170234	0.020103484	0.030957291	0.026888526	0.02169343
ENSG00000174156	0.016348501	0.025550577	0.024666804	0.014415585
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ENSG00000242173	0.014953806	0.025187724	0.024770369	0.015034935
ENSG00000116117	0.014568118	0.024365374	0.026402096	0.014934558
ENSG00000181638	0.017072676	0.025106224	0.02474936	0.015710699
ENSG00000105875	0.047325252	0.039847738	0.036437053	0.039255981
ENSG00000183093	0.026253016	0.028556539	0.027719056	0.02175146
ENSG00000172348	0.015509576	0.024320119	0.025132091	0.016056396
ENSG00000163577	0.05533973	0.046072601	0.037967341	0.033859178
ENSG00000124256	0.069501768	0.064870853	0.064210647	0.067150085

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ENSG00000161911	0.017859871	0.028406026	0.026250761	0.018927486
ENSG00000123171	0.015363872	0.024454269	0.024817208	0.014514418
ENSG00000148303	0.015839602	0.02452774	0.0246125	0.015516439
ENSG00000120093	0.040935005	0.03913736	0.033926998	0.034857321
ENSG00000147852	0.083492475	0.07897495	0.059333949	0.058512968
ENSG00000213337	0.028757415	0.032534727	0.032303335	0.028103466
ENSG00000166402	0.015843059	0.025209845	0.0267215	0.015989812
ENSG00000121440	0.017512287	0.032201951	0.02536622	0.01583481
ENSG00000198759	0.045436559	0.027678372	0.031276862	0.036069242
ENSG00000118816	0.019444544	0.025972885	0.028487309	0.019582939
ENSG00000250571	0.031795927	0.031255674	0.029114958	0.026469086
ENSG00000081842	0.016437475	0.02452375	0.024475816	0.016512413
ENSG00000198315	0.015705711	0.024586341	0.02583606	0.016582256
ENSG00000114391	0.013758482	0.023706023	0.023918733	0.015074674
ENSG00000166704	0.032401047	0.037851637	0.030675837	0.023882629
ENSG00000091157	0.031721167	0.038762513	0.033219587	0.026447847
ENSG00000143324	0.035269823	0.03756084	0.031842722	0.025555559
ENSG00000077420	0.029628687	0.032608321	0.032828862	0.034490592
ENSG00000103257	0.056907448	0.048994295	0.05170032	0.063755267
ENSG00000121207	0.016655368	0.024994837	0.02684906	0.015719611
ENSG00000126456	0.024480636	0.03130301	0.033612494	0.025227472
ENSG00000121895	0.055270987	0.052175782	0.054437086	0.049992127
ENSG00000186130	0.031046435	0.038094115	0.032066441	0.024255001
ENSG00000010072	0.03826791	0.04238601	0.046334823	0.041871905
ENSG00000197646	0.049689704	0.045329131	0.038401345	0.040129923
ENSG00000036257	0.019279641	0.026206974	0.025926389	0.016731079
ENSG00000182521	0.015155747	0.026964022	0.024442339	0.015691564
ENSG00000126733	0.015860702	0.025293185	0.026599321	0.016786188
ENSG00000183166	0.018418796	0.025256785	0.026461311	0.015245286
ENSG00000103275	0.018563338	0.02788605	0.025838246	0.018810905
ENSG00000182492	0.014732784	0.025113754	0.025160115	0.014991199
ENSG00000179222	0.030698957	0.032242099	0.035485472	0.029657662
ENSG00000108511	0.01740953	0.025144803	0.026141893	0.014588151
ENSG00000170465	0.018024243	0.026418581	0.024695417	0.016452995
ENSG00000077152	0.03973838	0.034052588	0.030971324	0.029645084
ENSG00000206069	0.016651329	0.025745173	0.025994738	0.016790895
ENSG00000142556	0.034796229	0.035676058	0.044694692	0.028752785
ENSG00000183495	0.016601658	0.026733467	0.026046231	0.015849348
ENSG00000128951	0.051949263	0.045972515	0.038560665	0.039243979
ENSG00000156709	0.031125244	0.035229112	0.031194226	0.028951977
ENSG00000102043	0.014893844	0.024892033	0.025243284	0.016107067
ENSG00000164182	0.028590857	0.030961777	0.031192808	0.029446729
ENSG00000172062	0.034894881	0.034475942	0.03247658	0.031984946
ENSG00000197757	0.017810843	0.025925805	0.027142307	0.015141262
ENSG00000064102	0.036493172	0.043861362	0.033801893	0.027070647
ENSG00000126266	0.019575522	0.026328682	0.028460875	0.033919285
ENSG00000127252	0.015787526	0.025276378	0.024331706	0.014797984
ENSG00000186532	0.033947644	0.037696139	0.037121951	0.028859552
ENSG00000138722	0.037291056	0.028428982	0.025747661	0.019272004
ENSG00000149451	0.014910157	0.024551236	0.025230313	0.01564407
ENSG00000173391	0.036195134	0.02592584	0.026171204	0.020720496
ENSG00000124479	0.017334248	0.025516133	0.024812892	0.016396115

ENSG00000168679	0.017974169	0.031388584	0.025729314	0.021073751
ENSG00000197415	0.018161477	0.02466792	0.025200466	0.017595545
ENSG00000143340	0.016890416	0.026565748	0.024554369	0.017648926
ENSG00000130561	0.019805651	0.026203901	0.025308153	0.017163367
ENSG00000198836	0.029266131	0.033842529	0.03094025	0.037726352
ENSG00000131876	0.026345579	0.030124408	0.031071054	0.024872298
ENSG00000138442	0.032666748	0.033905341	0.029569873	0.028333426
ENSG00000173976	0.016455834	0.024747113	0.026126219	0.016196996
ENSG00000005156	0.016493371	0.025835777	0.025037147	0.01600769
ENSG00000166839	0.089906051	0.048335511	0.048657722	0.052347459
ENSG00000014257	0.085833466	0.067125771	0.058125932	0.0637496
ENSG00000133703	0.017157096	0.025946756	0.024894486	0.015929297
ENSG00000151233	0.02427575	0.031951336	0.031699774	0.025142256
ENSG00000040608	0.017584332	0.02697498	0.027056812	0.024556966
ENSG00000110881	0.015140669	0.025440651	0.025249295	0.015830821
ENSG00000178252	0.022610029	0.027177595	0.031360912	0.019505092
ENSG00000151131	0.023105848	0.030929459	0.032215143	0.022224435
ENSG00000162383	0.01772203	0.025749088	0.0256758	0.018567149
ENSG00000198517	0.013981161	0.025619486	0.024675437	0.01594043
ENSG00000135446	0.026735746	0.030196387	0.030724513	0.026660272
ENSG00000122873	0.04046881	0.041258946	0.035819431	0.030773955
ENSG00000027697	0.046772502	0.054699309	0.057076634	0.055295841
ENSG00000112367	0.030158549	0.030859214	0.031698905	0.029871657
ENSG00000053747	0.014983493	0.024393805	0.024684191	0.015492082
ENSG00000174417	0.017952511	0.024996828	0.025404906	0.018554501
ENSG00000151135	0.031458229	0.031286042	0.033329916	0.026089622
ENSG00000091136	0.059780809	0.070573984	0.054520278	0.057003617
ENSG00000152700	0.032522352	0.038530617	0.037695734	0.030010436
ENSG00000090861	0.026612647	0.029536409	0.030333565	0.024201189
ENSG00000196821	0.031173184	0.032072509	0.034757013	0.028025502
ENSG00000101193	0.024709421	0.029592927	0.03490815	0.019077057
ENSG00000112659	0.027828562	0.032122899	0.030173645	0.025604801
ENSG00000179813	0.015455468	0.024980678	0.025555737	0.015656688
ENSG00000123178	0.030610746	0.035797617	0.032507763	0.023383976
ENSG00000189280	0.014775028	0.024924833	0.02433362	0.015050756
ENSG00000156076	0.014868791	0.025141916	0.024549179	0.015782571
ENSG00000166562	0.027895782	0.03035591	0.029703123	0.03053857
ENSG00000156127	0.043520724	0.037369302	0.036873131	0.030172941
ENSG00000155066	0.01927578	0.026745493	0.029257427	0.017441824
ENSG00000081692	0.02301431	0.026862601	0.028487126	0.020448762
ENSG00000143373	0.017274149	0.027009931	0.026961893	0.017289976
ENSG00000104872	0.025275461	0.029354438	0.030463249	0.018939806
ENSG00000065485	0.041546848	0.033674956	0.040501286	0.042410023
ENSG00000250799	0.019473352	0.025260969	0.025477025	0.016448923
ENSG00000079819	0.063866865	0.049653077	0.051603333	0.050651206
ENSG00000158473	0.01641089	0.026062968	0.024878481	0.03248995
ENSG00000167618	0.014854897	0.024865677	0.024525109	0.014202414
ENSG00000010278	0.118333527	0.072473697	0.085041444	0.086210548
ENSG00000164520	0.016346749	0.025171909	0.02537173	0.015257039
ENSG00000165731	0.015699112	0.024948634	0.025011315	0.016404517
ENSG00000041515	0.016869624	0.024766326	0.024407941	0.016967489
ENSG00000044012	0.015185889	0.024779212	0.026032316	0.015187309
ENSG00000182952	0.026476038	0.030461387	0.030818382	0.023639561
ENSG00000136463	0.028466987	0.032803052	0.03420136	0.026910989

ENSG00000141034	0.014456082	0.024398552	0.024406236	0.014786594
ENSG00000159917	0.035588002	0.046943471	0.052019162	0.038196222
ENSG00000179604	0.069814649	0.055253731	0.04522177	0.059782249
ENSG00000110025	0.038763798	0.042325452	0.03836035	0.032060187
ENSG00000166558	0.017565061	0.026436125	0.024442623	0.014740642
ENSG00000155495	0.015603408	0.024742068	0.025041642	0.015515237
ENSG00000143954	0.018868239	0.027736734	0.026778101	0.017904865
ENSG00000165490	0.044210501	0.036163508	0.037629571	0.04035155
ENSG00000119335	0.022969423	0.028129703	0.026559139	0.021286523
ENSG00000112293	0.019074389	0.027388588	0.026291736	0.017015245
ENSG00000113312	0.025069635	0.030125884	0.031047751	0.022344849
ENSG00000119013	0.031263093	0.037296891	0.0293262	0.024614396
ENSG00000100897	0.023372184	0.035931697	0.03128879	0.035819867
ENSG00000135775	0.028782272	0.033239172	0.033270663	0.028067586
ENSG00000104824	0.030729315	0.033246511	0.031490412	0.02760244
ENSG00000160321	0.016849791	0.025827129	0.025732422	0.016889424
ENSG00000173207	0.032601011	0.030766594	0.029165491	0.022051466
ENSG00000171490	0.024954906	0.029613275	0.029099022	0.021329238
ENSG00000171723	0.033048282	0.040910764	0.035072139	0.034748618
ENSG00000153291	0.01795711	0.02649985	0.025684516	0.018233927
ENSG00000130433	0.017073426	0.024988453	0.025005305	0.016277535
ENSG00000155508	0.027799136	0.035579179	0.030934079	0.023533165
ENSG00000169575	0.016214452	0.025361968	0.025033201	0.014592689
ENSG00000108622	0.035377367	0.032408611	0.034967364	0.034849864
ENSG00000102119	0.024673092	0.030162385	0.0303558761	0.02127809
ENSG00000037042	0.035733476	0.036134624	0.034722204	0.041853375
ENSG00000204130	0.021309236	0.030215536	0.027967914	0.020754855
ENSG00000046653	0.027364108	0.029949162	0.028408102	0.020955422
ENSG00000176798	0.014799445	0.024211123	0.025183165	0.0151283
ENSG00000086598	0.029990675	0.034641754	0.037363156	0.027840381
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ENSG00000107201	0.048625438	0.063059049	0.050503298	0.049732814
ENSG00000114745	0.027778502	0.032455009	0.034091955	0.027626737
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ENSG00000130303	0.028081915	0.041886157	0.036976029	0.031767361
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ENSG00000126583	0.015339047	0.024491322	0.024632786	0.014047888
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ENSG00000177707	0.016677878	0.025813035	0.0239836	0.016307891
ENSG00000136694	0.016826137	0.024141193	0.024383438	0.014771396
ENSG00000116273	0.026799178	0.039158925	0.038455425	0.025697039
ENSG00000138398	0.024704791	0.031113263	0.033368903	0.034161456
ENSG00000160058	0.025756551	0.030073614	0.032805289	0.022845014
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ENSG00000165630	0.023537691	0.031156021	0.03405093	0.02971349
ENSG00000169429	0.14514876	0.112330592	0.104988304	0.096369395
ENSG00000100029	0.032867178	0.034137388	0.031853112	0.030344077

ENSG00000134285	0.045796345	0.043254285	0.044322421	0.051709964
ENSG00000169515	0.016374828	0.025205572	0.025098695	0.015950628
ENSG00000115275	0.022193553	0.028931707	0.03287581	0.024661677
ENSG00000171960	0.03098451	0.031634629	0.029931098	0.026150919
ENSG00000123975	0.036166707	0.034290398	0.031036761	0.0240352
ENSG00000105810	0.016454648	0.025344092	0.025114171	0.016498215
ENSG00000111913	0.04864511	0.048775483	0.049931509	0.042064251
ENSG00000165269	0.01473041	0.024768846	0.024590918	0.014363274
ENSG00000160404	0.0237869	0.027653956	0.026274227	0.019862614
ENSG00000082269	0.042399242	0.042615905	0.035451188	0.038176908
ENSG00000183607	0.017698951	0.026459236	0.027626479	0.015721933
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ENSG00000148985	0.027744519	0.028349782	0.031900159	0.030417837
ENSG00000119457	0.014051634	0.025076184	0.024546617	0.015034308
ENSG00000166963	0.018351334	0.025612526	0.024610651	0.015050364
ENSG00000176533	0.018060062	0.02568538	0.025476714	0.019200237
ENSG00000118491	0.028495805	0.028297295	0.028603932	0.026029228
ENSG00000172426	0.018510526	0.026586578	0.024465596	0.023523032
ENSG00000204687	0.015285804	0.024509455	0.0248109	0.0153694
ENSG00000121577	0.026507255	0.028648133	0.027653787	0.019331824
ENSG00000166226	0.025748481	0.029828957	0.027734746	0.026814962
ENSG00000182759	0.016559905	0.025104833	0.024089179	0.015006758
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ENSG00000115966	0.027861289	0.033078154	0.035439928	0.025228606
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ENSG00000121848	0.022210594	0.032984371	0.037936488	0.025844428
ENSG00000086289	0.111326842	0.1003186	0.08732898	0.106539413
ENSG00000067798	0.016599576	0.025566204	0.025305748	0.015170534
ENSG00000128340	0.021913178	0.02813611	0.030943128	0.02641483
ENSG00000187969	0.015751117	0.024475008	0.026114642	0.015097741
ENSG00000140280	0.035360479	0.040946368	0.038922434	0.043770741
ENSG00000155974	0.017430615	0.026614367	0.025491268	0.019267031
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ENSG00000164399	0.014621211	0.024503912	0.024762634	0.014984199
ENSG00000162444	0.025124831	0.041581138	0.034271957	0.030238129
ENSG00000126215	0.03343189	0.034694296	0.03855656	0.032377444
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ENSG00000198242	0.014876102	0.02426315	0.024485891	0.015104098
ENSG00000188707	0.051144797	0.061677916	0.053926903	0.053331213
ENSG00000177363	0.01497262	0.024932848	0.024400704	0.014809986
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ENSG00000115850	0.032449005	0.052038055	0.03356133	0.029013571
ENSG00000197457	0.052798201	0.05439503	0.059764417	0.072166493
ENSG00000169744	0.023736487	0.027764014	0.025765043	0.017710119
ENSG00000205336	0.066364311	0.065604471	0.065485519	0.080907073
ENSG00000105664	0.020600753	0.030249311	0.028751747	0.019780322
ENSG00000164287	0.016970439	0.025400942	0.024705755	0.015979694
ENSG00000114374	0.108501133	0.120339256	0.101955712	0.100759967
ENSG00000130733	0.035260448	0.034192365	0.041741137	0.033349381
ENSG00000129354	0.01639184	0.025188572	0.025476382	0.015308732
ENSG00000137807	0.039005373	0.037967662	0.030664442	0.033354246
ENSG00000144278	0.015150097	0.024369866	0.024986631	0.015441577
ENSG00000084234	0.052444146	0.062982014	0.03951551	0.042519503
ENSG00000102755	0.04612947	0.051553709	0.045058553	0.031722787
ENSG00000167747	0.0334566	0.03324617	0.036175194	0.037045366
ENSG00000133835	0.034151148	0.036663484	0.030159955	0.0259613
ENSG00000083817	0.0278553	0.047800473	0.049757169	0.027843554
ENSG00000117877	0.045595198	0.041659675	0.04001103	0.046847254
ENSG00000164548	0.024776838	0.030319525	0.029001165	0.021835496
ENSG00000197111	0.017243313	0.025815658	0.027348445	0.017157815
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ENSG00000134049	0.027167139	0.030051548	0.033925727	0.031125754
ENSG00000107263	0.018402376	0.0253395	0.025830898	0.016927203
ENSG00000136960	0.098910255	0.084727662	0.07326167	0.086531504
ENSG00000103423	0.027293325	0.033052111	0.030310101	0.021766059
ENSG00000123159	0.05286504	0.048561703	0.041493797	0.046539136
ENSG00000169306	0.015871531	0.024613691	0.024438448	0.015698358
ENSG00000179846	0.015897253	0.027683509	0.025850975	0.015226875
ENSG00000135093	0.029053324	0.033880555	0.035569377	0.023935877
ENSG00000091010	0.017680963	0.026353012	0.026292412	0.016837565
ENSG00000174498	0.017512395	0.025962372	0.025201023	0.015074329
ENSG00000006453	0.105841246	0.079082838	0.090430653	0.102293366
ENSG00000204301	0.026950024	0.037004128	0.035163311	0.027209663
ENSG00000136888	0.020771761	0.030264682	0.03039102	0.022774994
ENSG00000006432	0.034238146	0.033817397	0.031212125	0.044659205
ENSG00000117318	0.071591964	0.056844751	0.048642681	0.06060457
ENSG00000158158	0.035954295	0.033960847	0.034603183	0.031352077
ENSG00000167113	0.033476257	0.033113763	0.030462947	0.028190377
ENSG00000188404	0.090980729	0.079134976	0.077009272	0.091717571
ENSG00000095713	0.015357996	0.025644922	0.02445838	0.015535083
ENSG00000183753	0.01520479	0.025309344	0.024910394	0.014499365
ENSG00000160588	0.021051378	0.026553583	0.028593328	0.020602917
ENSG00000069275	0.024148136	0.028206438	0.029076718	0.01913807
ENSG00000121388	0.032771789	0.036299758	0.0327278	0.03500293
ENSG00000159423	0.038730988	0.043273557	0.035572679	0.045374661
ENSG00000058085	0.018489214	0.026312224	0.025080466	0.015259377
ENSG00000132746	0.019610639	0.026860887	0.027634501	0.021893374

ENSG00000187151	0.017057185	0.024676765	0.025102719	0.0161944
ENSG00000186897	0.01506841	0.02548483	0.024901387	0.014873349
ENSG00000116199	0.029836824	0.033535912	0.033530469	0.023987919
ENSG00000170689	0.036126725	0.037989095	0.032176963	0.047095039
ENSG00000165995	0.015370925	0.025389311	0.024674323	0.015776062
ENSG00000183773	0.016454557	0.026652607	0.024554094	0.014510772
ENSG00000165816	0.015625877	0.025473308	0.024262778	0.014814999
ENSG00000123094	0.016081796	0.025218234	0.025415862	0.016961447
ENSG00000127129	0.021178148	0.027519098	0.02571883	0.016576627
ENSG00000114013	0.075252089	0.056368342	0.065210044	0.073770683
ENSG00000123297	0.028521187	0.030296712	0.034629011	0.026999743
ENSG00000078401	0.094243706	0.074125259	0.072682951	0.07652464
ENSG00000105404	0.039013393	0.037171146	0.042515366	0.043730113
ENSG00000077585	0.040043159	0.040984953	0.041498494	0.039718859
ENSG00000042317	0.047471649	0.043545783	0.040909063	0.048030377
ENSG00000066382	0.019039792	0.026727421	0.026028753	0.019263582
ENSG00000106615	0.025440908	0.035624513	0.033600805	0.023967803
ENSG00000178055	0.021809596	0.028698774	0.026604439	0.021278545
ENSG00000103091	0.021957917	0.028359491	0.030497269	0.024607122
ENSG00000007516	0.020467382	0.030540657	0.029058263	0.024996896
ENSG00000178015	0.017680907	0.02444924	0.025194259	0.016058621
ENSG00000108387	0.014622308	0.025498956	0.025044718	0.015279636
ENSG00000180771	0.029425967	0.037808781	0.042998238	0.026253983
ENSG00000115415	0.026797746	0.030833205	0.028484062	0.020545219
ENSG00000110911	0.040357953	0.048818973	0.042796314	0.035138477
ENSG00000108556	0.024699515	0.026610447	0.028025731	0.019878297
ENSG00000163349	0.018469904	0.026955509	0.025949414	0.018562507
ENSG00000181481	0.039594448	0.034324035	0.03356477	0.045016869
ENSG00000120533	0.021528021	0.026681915	0.027649572	0.018426788
ENSG00000124942	0.023302908	0.029374293	0.026482204	0.021906294
ENSG00000184343	0.019609311	0.027373857	0.027119232	0.017064586
ENSG00000241595	0.017117572	0.025016442	0.025728283	0.014769085
ENSG00000125354	0.033969723	0.039089833	0.035528598	0.035652707
ENSG00000175189	0.016778954	0.025773332	0.024649211	0.015670172
ENSG00000117016	0.079890611	0.062243477	0.060171209	0.073264816
ENSG00000116031	0.015398663	0.025846578	0.025452931	0.015603264
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ENSG00000110484	0.015119829	0.024912442	0.024116665	0.014836928
ENSG00000152137	0.01706546	0.026777513	0.025772436	0.015754768
ENSG00000142444	0.022173129	0.027861116	0.032479217	0.01905533
ENSG00000108849	0.021167986	0.025897045	0.02542825	0.020465717
ENSG00000181784	0.016179618	0.024440629	0.024827892	0.015565456
ENSG00000198373	0.015463786	0.024598152	0.024197773	0.01484033
ENSG00000197299	0.049747903	0.040987921	0.039633987	0.033020764
ENSG00000137145	0.031275065	0.031272654	0.033398869	0.029433459
ENSG00000102978	0.027926726	0.032727826	0.03862718	0.027745838
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ENSG00000138293	0.020571944	0.028675242	0.027666823	0.019349494
ENSG00000092439	0.038852902	0.042719701	0.037012574	0.027559938
ENSG00000187144	0.015679558	0.024734473	0.024752362	0.015944669
ENSG00000127220	0.026417877	0.032890544	0.036660469	0.030264643
ENSG00000072609	0.024174844	0.033396417	0.033988625	0.027267063
ENSG00000010322	0.025460386	0.028395769	0.034031567	0.023499016
ENSG00000150471	0.015841543	0.024817228	0.02441786	0.014353516

ENSG00000154783	0.036517823	0.025708871	0.026108508	0.016480364
ENSG00000160194	0.034187388	0.035215396	0.043893773	0.019725058
ENSG00000167315	0.030874631	0.031806579	0.031047004	0.021891187
ENSG00000087460	0.014685449	0.024414306	0.025073518	0.014391344
ENSG00000086065	0.025141869	0.031311687	0.029200441	0.021036732
ENSG00000122741	0.027383535	0.034817246	0.033165662	0.021990238
ENSG00000176105	0.050081444	0.051229792	0.048371645	0.045447074
ENSG00000158195	0.027219792	0.026824268	0.029915226	0.031744519
ENSG00000116514	0.036496906	0.039196379	0.045897597	0.042150663
ENSG00000169641	0.01977561	0.025181263	0.026079985	0.01834222
ENSG00000173928	0.038013378	0.035124691	0.035571564	0.036322641
ENSG00000164024	0.034254381	0.036227618	0.030920271	0.027904233
ENSG00000165675	0.020808112	0.026639662	0.025957164	0.017708445
ENSG00000198685	0.015979791	0.024746547	0.024541275	0.014480827
ENSG00000185236	0.021908946	0.031751181	0.027687905	0.025630687
ENSG00000077264	0.017005318	0.027468612	0.025115554	0.017980823
ENSG00000180530	0.098515835	0.067723407	0.064897615	0.065880484
ENSG00000138079	0.016627925	0.0251388	0.025557103	0.017087661
ENSG00000143183	0.026773684	0.03200429	0.032952665	0.023354986
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ENSG00000088726	0.016521256	0.025402512	0.024392483	0.014773323
ENSG00000197694	0.027534483	0.038381396	0.036596322	0.03229993
ENSG00000171984	0.035928803	0.042891977	0.034286593	0.034845392
ENSG00000101890	0.015870645	0.025283538	0.024478201	0.015568143
ENSG00000162415	0.028397809	0.027235127	0.025334595	0.017468433
ENSG00000145824	0.135541979	0.060336782	0.059325172	0.074128693
ENSG00000185728	0.038673911	0.045063255	0.054442079	0.038767352
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ENSG00000203710	0.014731834	0.025151933	0.024425782	0.014539442
ENSG00000129521	0.114762849	0.081030593	0.073638944	0.087016615
ENSG0000006007	0.02441601	0.03263725	0.032719136	0.024034285
ENSG00000197256	0.054801474	0.045695738	0.040320206	0.042094135
ENSG00000151715	0.016063606	0.026192502	0.024508663	0.016244217
ENSG00000156787	0.0412491	0.041635574	0.034456536	0.028264412
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ENSG00000008517	0.091417562	0.055594832	0.055417488	0.067621627
ENSG00000197479	0.019346598	0.026409374	0.029169986	0.017865618
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ENSG00000072042	0.024219863	0.028704129	0.026188924	0.018791948
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ENSG00000124157	0.019352583	0.024901687	0.025333288	0.016095058
ENSG00000069206	0.015263419	0.024904879	0.025181856	0.014780763
ENSG00000151690	0.029807163	0.032475361	0.031377953	0.029205346
ENSG00000111412	0.035491852	0.040765268	0.040086922	0.034267469
ENSG00000139722	0.066014604	0.054256442	0.056871654	0.047172531
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ENSG00000184574	0.036173796	0.034154527	0.036864309	0.036962982
ENSG00000163655	0.027431477	0.032733534	0.029358847	0.024693066
ENSG00000188620	0.129710955	0.105811608	0.100302255	0.119242712
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ENSG00000103942	0.041692656	0.034866168	0.036468831	0.029624973
ENSG00000185024	0.015606127	0.025413219	0.024725108	0.0145261
ENSG00000146678	0.016336137	0.024335191	0.025361487	0.015687288
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ENSG00000145284	0.016361921	0.026718856	0.026118002	0.015956636
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ENSG00000188342	0.029433255	0.031321235	0.028639844	0.02318612
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ENSG00000126561	0.040111681	0.036413019	0.037221631	0.033678442
ENSG00000075914	0.030489335	0.02815929	0.030875121	0.02631761
ENSG00000102195	0.016441006	0.024568965	0.025168299	0.015274445
ENSG00000178188	0.023006243	0.027818501	0.035250149	0.023193745
ENSG00000124575	0.060597265	0.039742459	0.049275026	0.063074762
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ENSG00000171867	0.059992152	0.048975528	0.042674756	0.045163014
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ENSG00000065600	0.016243785	0.024316143	0.024451634	0.016070626
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ENSG00000232112	0.023944021	0.027469604	0.030426193	0.020519052
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ENSG00000178409	0.014657847	0.024037982	0.025215462	0.013884533
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ENSG00000105894	0.019711377	0.024867422	0.024787525	0.01712741
ENSG00000138085	0.020838418	0.027228416	0.027874755	0.020059893
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ENSG00000105699	0.014853555	0.025097541	0.025706164	0.015159687
ENSG00000119953	0.027015706	0.032099872	0.030122026	0.025281209
ENSG00000215695	0.026624417	0.036088041	0.041720645	0.026880249
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ENSG00000116667	0.023670441	0.027205837	0.025674312	0.021995052
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ENSG00000149179	0.030255709	0.037035003	0.031827434	0.026434737
ENSG00000137270	0.016259632	0.027273884	0.025688824	0.016175394

ENSG00000170819	0.077223753	0.071452333	0.05868572	0.066593364
ENSG00000170802	0.019418299	0.026764139	0.027290963	0.020692055
ENSG00000164325	0.014894757	0.025010109	0.025300185	0.014528602
ENSG00000170323	0.021052088	0.026334924	0.028443889	0.019064672
ENSG00000171484	0.017247219	0.027301022	0.027968883	0.01644353
ENSG00000168703	0.017395682	0.026125553	0.026038757	0.017596895
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ENSG00000157131	0.017449454	0.025798774	0.028797417	0.018065791
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ENSG00000186188	0.015746122	0.024600163	0.02438532	0.015103786
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ENSG00000124126	0.027029862	0.031647949	0.036584501	0.034489067
ENSG00000111676	0.022447273	0.031572149	0.039622454	0.03010309
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ENSG00000134882	0.044904069	0.045067634	0.043428668	0.041120676
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ENSG00000198558	0.04088249	0.036748894	0.04070753	0.042968844
ENSG00000132485	0.029478537	0.028927459	0.02764296	0.018527891
ENSG00000213240	0.069479627	0.061004781	0.06692451	0.07303826
ENSG00000240303	0.045721877	0.052523575	0.039194686	0.04839082
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ENSG00000020426	0.030799159	0.037310791	0.031681882	0.023325227
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ENSG00000138771	0.121288674	0.103146067	0.12475618	0.104033045
ENSG00000135547	0.021877041	0.027152681	0.025460371	0.021625786
ENSG00000205339	0.042293863	0.04746428	0.039445455	0.043138704
ENSG00000127554	0.015146685	0.025618441	0.025453901	0.016274256
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ENSG00000115607	0.078109827	0.083696835	0.051141937	0.059122538
ENSG00000144668	0.023205555	0.025578049	0.024991319	0.015452464
ENSG00000164631	0.029570861	0.035599375	0.032641056	0.029169311
ENSG00000079134	0.030740392	0.033267926	0.03182181	0.021917543
ENSG00000173548	0.021035321	0.029244098	0.027632764	0.01924319
ENSG00000138430	0.023978447	0.027309088	0.026116968	0.019278988
ENSG00000144369	0.018483742	0.024402419	0.024339912	0.01673213

ENSG00000130720	0.016435172	0.025349565	0.025578975	0.017702789
ENSG00000089157	0.019608273	0.027617931	0.02842399	0.020992082
ENSG00000107611	0.016816629	0.024947116	0.024375603	0.015418016
ENSG00000173757	0.033411746	0.040125957	0.041285316	0.031558685
ENSG00000181019	0.069711051	0.04829446	0.047927867	0.06131601
ENSG00000132471	0.027741398	0.035741151	0.037056224	0.036443009
ENSG00000070540	0.034620822	0.035179324	0.038653774	0.03539413
ENSG00000119242	0.040940265	0.041110307	0.035508379	0.036304512
ENSG00000198561	0.063450681	0.057854216	0.037266677	0.060825592
ENSG00000117691	0.030704934	0.033970538	0.032110105	0.023655777
ENSG00000131233	0.018230735	0.025695254	0.026251796	0.018580836
ENSG00000117322	0.0851468	0.0861642	0.079809082	0.087754026
ENSG00000101665	0.042553973	0.0477045	0.047562507	0.039878788
ENSG00000122545	0.026283577	0.029093294	0.028887509	0.032163544
ENSG00000179348	0.016566494	0.024272409	0.025498195	0.016368926
ENSG00000110696	0.019706808	0.028607707	0.027167985	0.018265995
ENSG00000006074	0.01818914	0.026413236	0.025843555	0.019303077
ENSG00000126012	0.040151571	0.041647866	0.050162298	0.040396224
ENSG00000168092	0.026944496	0.030579858	0.034993522	0.026685223
ENSG00000091651	0.042856307	0.040026985	0.034902678	0.033660777
ENSG00000104960	0.026127338	0.03015922	0.031306897	0.026430763
ENSG00000163098	0.016929682	0.025177045	0.024895829	0.014086996
ENSG00000187955	0.015979028	0.024717831	0.025514543	0.015334613
ENSG00000134294	0.026432532	0.032477103	0.035296934	0.027488298
ENSG00000173040	0.033705797	0.034861276	0.028602859	0.026372838
ENSG00000075089	0.032538175	0.035184023	0.03034521	0.027518714
ENSG00000141574	0.016564311	0.024400477	0.026398319	0.017624072
ENSG00000134830	0.018628403	0.028017997	0.025897115	0.017238399
ENSG00000102466	0.018553565	0.027996976	0.027611642	0.019899996
ENSG00000215301	0.035656238	0.045423388	0.051877611	0.03146208
ENSG00000214114	0.042145159	0.045415875	0.034069147	0.030355861
ENSG00000113522	0.017344814	0.024522978	0.024949105	0.01646261
ENSG00000160781	0.031542223	0.036183047	0.030660149	0.024298865
ENSG00000124557	0.07292317	0.058212421	0.043778255	0.043124158
ENSG00000115520	0.029359736	0.044543012	0.048607416	0.033912717
ENSG00000163285	0.017001774	0.025982724	0.025447615	0.015790805
ENSG00000198604	0.02701728	0.035283741	0.032514896	0.028051321
ENSG00000137814	0.032934683	0.033697516	0.032309101	0.041093251
ENSG00000198915	0.031129786	0.042190104	0.040183637	0.029246382
ENSG00000085382	0.020690884	0.026177472	0.029405825	0.02104012
ENSG00000162729	0.023960699	0.030062009	0.030924755	0.025871735
ENSG00000109758	0.017037142	0.025186706	0.025208954	0.015034656
ENSG00000110583	0.031636472	0.032052118	0.032051045	0.027596557
ENSG00000137745	0.015136904	0.025799712	0.02487667	0.01583112
ENSG00000105649	0.069502933	0.074377049	0.066840815	0.071213371
ENSG00000064763	0.095987491	0.065389966	0.063003655	0.07461855
ENSG00000063046	0.023662785	0.030315009	0.030967993	0.028461952
ENSG00000114988	0.034661329	0.040223171	0.037541239	0.026062819
ENSG00000168779	0.015969491	0.025620957	0.025098139	0.016425053
ENSG00000139567	0.015236884	0.025936404	0.02633747	0.015734015
ENSG00000129250	0.029052057	0.033045798	0.033043876	0.030644797
ENSG00000143870	0.037369814	0.036354126	0.034851866	0.036815196
ENSG00000141027	0.019976418	0.029749959	0.030044051	0.018223061
ENSG00000138496	0.048352574	0.041656786	0.04088179	0.039602932

ENSG00000112530	0.015188307	0.025284282	0.024737998	0.015506652
ENSG00000175600	0.018435564	0.025580589	0.024888773	0.018164257
ENSG00000167962	0.015709814	0.026744329	0.024534676	0.015982017
ENSG00000186930	0.015317706	0.025193665	0.025059248	0.014689141
ENSG00000139679	0.148119443	0.103162724	0.099881538	0.101874122
ENSG00000153391	0.022132096	0.030524187	0.029422577	0.026999697
ENSG00000187416	0.017967883	0.025992403	0.025159712	0.017183101
ENSG00000184486	0.015859779	0.025227333	0.025752003	0.015084018
ENSG00000162927	0.025668691	0.031950009	0.031378583	0.020102905
ENSG00000159217	0.014729561	0.024952147	0.024268775	0.015095685
ENSG00000188234	0.027114888	0.030159683	0.030648365	0.025305136
ENSG00000005249	0.0175771	0.024382216	0.024252418	0.016166659
ENSG00000170608	0.060718056	0.081493375	0.053600234	0.066407884
ENSG00000101307	0.02679495	0.03341033	0.02523724	0.017299021
ENSG00000214530	0.038505699	0.03659964	0.034718311	0.04101496
ENSG00000146701	0.019888674	0.025624587	0.026076729	0.016243764
ENSG00000068028	0.032078683	0.044647696	0.043483802	0.037017096
ENSG00000116299	0.087317174	0.069144436	0.053232107	0.098555238
ENSG00000104313	0.018650375	0.026467069	0.025504993	0.016091752
ENSG00000168878	0.018709903	0.026370063	0.026997471	0.020495938
ENSG00000205250	0.026617742	0.03416864	0.038457183	0.027742008
ENSG00000160688	0.029710411	0.032846564	0.034200708	0.029415654
ENSG00000153975	0.028054186	0.03191822	0.031082864	0.02277132
ENSG00000140694	0.033516036	0.037042199	0.037687294	0.029323031
ENSG00000181555	0.034794006	0.039803553	0.035943952	0.030724759
ENSG00000144815	0.036617406	0.03469911	0.037338008	0.034134886
ENSG00000078070	0.034221515	0.034468108	0.032520501	0.027352125
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ENSG00000024422	0.016043762	0.025324998	0.024763763	0.014694671
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ENSG00000090530	0.167799476	0.105820363	0.102492116	0.122625253
ENSG00000124243	0.0379245	0.036337748	0.036644224	0.033513793
ENSG00000148291	0.027457529	0.029732907	0.030594936	0.023466568
ENSG00000161509	0.016426922	0.02496315	0.02540625	0.016070022
ENSG00000183092	0.035943457	0.036624101	0.033589656	0.023059143
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ENSG00000131471	0.022240785	0.026742668	0.027180208	0.017322535
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ENSG00000005102	0.016180673	0.025584765	0.026059648	0.016694042
ENSG00000170325	0.032847222	0.046089945	0.03324678	0.032536566
ENSG00000167302	0.029029597	0.031723004	0.034495706	0.030767068
ENSG00000179213	0.016842812	0.025575508	0.025298573	0.015864169
ENSG00000115274	0.023787039	0.028594061	0.03105952	0.023474021
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ENSG00000119318	0.029662044	0.032298604	0.029498006	0.023369179
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ENSG0000087274	0.022773555	0.03151517	0.034047416	0.020420787
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ENSG0000161040	0.019816894	0.02512015	0.02464816	0.015890012
ENSG0000148337	0.017853281	0.026353264	0.028069861	0.017006418
ENSG0000136270	0.025780319	0.030767329	0.029975045	0.023353834
ENSG0000167088	0.039248032	0.038015246	0.033946599	0.038577931
ENSG0000034677	0.028259143	0.033991938	0.034738565	0.03332925
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ENSG0000116678	0.021510139	0.0275369	0.027079475	0.026038796
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ENSG0000107957	0.022575526	0.028150323	0.025428895	0.01933188
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ENSG00000188223	0.025974873	0.033192928	0.035919815	0.025615936
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ENSG00000144182	0.031516738	0.039921279	0.034006562	0.02254728
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ENSG00000104343	0.027444846	0.035056121	0.034477857	0.024448292
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ENSG00000062716	0.038532506	0.037200265	0.035003568	0.033267065
ENSG00000197150	0.022858822	0.02919577	0.026553751	0.021998858
ENSG00000081277	0.017894379	0.025486385	0.025809209	0.017731406
ENSG00000139946	0.023779836	0.03048776	0.029679998	0.020705128
ENSG00000135931	0.058176476	0.055999742	0.044213145	0.043531421
ENSG00000100721	0.079651879	0.040893421	0.041042156	0.054698269
ENSG00000126522	0.043587933	0.037781949	0.032113348	0.03456467
ENSG00000158882	0.034332623	0.035110031	0.034425043	0.03573147
ENSG00000180938	0.026095584	0.03168818	0.03081973	0.024856361
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ENSG00000104783	0.041567345	0.040950526	0.043119259	0.044729844
ENSG00000115286	0.023523035	0.027049175	0.026855843	0.019940401
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ENSG00000146839	0.017765307	0.025565793	0.026037867	0.015107179
ENSG00000139194	0.015354106	0.025193546	0.025697185	0.015875049
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ENSG00000120159	0.026353234	0.033093599	0.03022007	0.023968784
ENSG00000130559	0.028753634	0.038739469	0.036253707	0.028865085
ENSG00000139734	0.042204736	0.042509212	0.032439775	0.037868853
ENSG00000114867	0.017944998	0.026787427	0.025833159	0.017626354
ENSG00000171320	0.046823661	0.047772597	0.033860781	0.03698581
ENSG00000169783	0.025581525	0.027630005	0.026489233	0.017814584
ENSG00000111087	0.015176267	0.025324399	0.026137309	0.014981182
ENSG00000156097	0.015417916	0.025748249	0.024471794	0.014525784
ENSG00000141480	0.025549965	0.027001064	0.028144484	0.023948826
ENSG00000172071	0.039058137	0.038241814	0.037076712	0.036598483
ENSG00000107331	0.016387426	0.025292835	0.025169963	0.015408574
ENSG00000127585	0.025743546	0.036493008	0.035474235	0.033135251
ENSG00000177504	0.058738222	0.031431379	0.032982883	0.038956077
ENSG00000075336	0.032117564	0.035748539	0.03060623	0.023859569
ENSG00000111879	0.032330587	0.030873124	0.028824296	0.021418175
ENSG00000103769	0.02980671	0.035861435	0.032992891	0.027170446
ENSG00000128563	0.032000274	0.037193258	0.037946418	0.031983433
ENSG00000120659	0.016604313	0.025192787	0.025656195	0.01650995
ENSG00000118972	0.01882159	0.026903421	0.028135123	0.01718778
ENSG00000163815	0.01782074	0.025683658	0.024672263	0.015553726
ENSG00000116127	0.054265963	0.058290537	0.041817382	0.043441835
ENSG00000063854	0.037036086	0.038228736	0.03763789	0.031619782
ENSG00000075413	0.028956609	0.033998	0.030456424	0.023619508
ENSG00000166317	0.104699223	0.100425861	0.076488395	0.099699012
ENSG00000009790	0.03742763	0.041243189	0.040175272	0.037566534
ENSG00000154305	0.01600775	0.02648681	0.025250287	0.014772014
ENSG00000137218	0.035585078	0.041340953	0.031426266	0.027009023
ENSG00000162755	0.028607867	0.029645902	0.029394522	0.026906293
ENSG00000157637	0.019671862	0.026444152	0.0260544	0.017788701
ENSG00000165182	0.014753432	0.024824378	0.024676087	0.01478037
ENSG00000148153	0.024022426	0.027789928	0.027873108	0.02306824
ENSG00000153574	0.033024946	0.035163016	0.032728875	0.033480672
ENSG00000132963	0.019825875	0.027347176	0.028458472	0.02221775

ENSG00000131910	0.016507861	0.025244725	0.025478308	0.016194324
ENSG00000011198	0.045074408	0.039812903	0.03813485	0.038042558
ENSG00000184470	0.017292655	0.025584825	0.024582202	0.016259438
ENSG00000173156	0.036376466	0.032001324	0.029373721	0.025229208
ENSG00000140015	0.017317549	0.02607388	0.025424923	0.014576413
ENSG00000106144	0.038071944	0.038587011	0.036626897	0.032085396
ENSG00000117222	0.02628305	0.030126572	0.029087336	0.021454276
ENSG00000155313	0.033052865	0.037480602	0.029947083	0.027727062
ENSG00000104044	0.028466601	0.024351567	0.026446554	0.014787989
ENSG00000165029	0.0361244	0.053261336	0.037971948	0.054004174
ENSG00000135914	0.073415913	0.054507899	0.051607209	0.042392471
ENSG00000189052	0.01538951	0.02571182	0.026851742	0.01454325
ENSG00000158552	0.032635602	0.033078511	0.034986166	0.02663239
ENSG00000140157	0.024795834	0.03500173	0.036786259	0.031774727
ENSG00000204435	0.019918043	0.026748932	0.028174181	0.017081368
ENSG00000135480	0.053955961	0.036267575	0.031671126	0.031088069
ENSG00000179409	0.032838244	0.0349903	0.034074995	0.027608953
ENSG00000135956	0.023502096	0.036350851	0.040876794	0.022254925
ENSG00000110446	0.048138792	0.038882838	0.042758275	0.032969472
ENSG00000154277	0.128347032	0.140355757	0.119879585	0.146236602
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ENSG00000158887	0.02338185	0.029490109	0.032581346	0.018877174
ENSG00000103657	0.040211746	0.036772777	0.041263589	0.038950669
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ENSG00000104884	0.028424806	0.029425395	0.032866657	0.022854579
ENSG00000189139	0.015115511	0.025883386	0.024604791	0.014664719
ENSG00000213020	0.031237493	0.035524982	0.037747428	0.028306347
ENSG00000213465	0.032513738	0.036734402	0.034362242	0.026205201
ENSG00000114204	0.014820319	0.024864249	0.025087131	0.013574359
ENSG00000116962	0.065247865	0.053057743	0.045164793	0.056785258
ENSG00000109511	0.016031721	0.025810936	0.025440201	0.014856571
ENSG00000138658	0.017892546	0.025321518	0.025188897	0.01612991
ENSG00000185222	0.082631492	0.062789339	0.045503955	0.062746084
ENSG00000132341	0.037399013	0.037654369	0.034480929	0.037136426
ENSG00000182257	0.016947684	0.024962597	0.024378545	0.015909608
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ENSG00000111332	0.053653469	0.042377097	0.040609529	0.041171041
ENSG00000162946	0.037603547	0.031641038	0.027439124	0.027242737
ENSG00000106105	0.023608986	0.029504943	0.029157671	0.022054259
ENSG00000162595	0.01656121	0.02531199	0.024651586	0.015059913
ENSG00000135447	0.015388094	0.025117971	0.025016754	0.015967279
ENSG00000139193	0.033864383	0.043228677	0.036647082	0.053881731
ENSG00000162598	0.016491698	0.025342664	0.025686252	0.016320658
ENSG00000215475	0.014562459	0.024312788	0.024267848	0.014471202
ENSG00000019991	0.025649162	0.02529797	0.026386141	0.025077331
ENSG00000106392	0.054044828	0.049616623	0.046390147	0.048456052
ENSG00000160951	0.015708195	0.025642544	0.024996919	0.014468698
ENSG00000167792	0.023993518	0.029240479	0.029822022	0.019990646
ENSG00000149021	0.019644792	0.026255471	0.025807079	0.016967303
ENSG00000118579	0.024090482	0.033035339	0.031215784	0.026333426
ENSG00000154930	0.047252872	0.044598615	0.035490471	0.039877528
ENSG00000126001	0.026569096	0.02788037	0.031067051	0.020319304
ENSG00000099875	0.065655217	0.056072484	0.050359557	0.064974376
ENSG00000185681	0.016664292	0.026708638	0.024749231	0.016409826

ENSG00000129255	0.032628177	0.030964752	0.032973595	0.032190887
ENSG00000103888	0.017314366	0.02458554	0.024697859	0.015339723
ENSG00000174946	0.058614901	0.074129314	0.079374062	0.085556575
ENSG00000134222	0.063671885	0.041211674	0.037769311	0.04644056
ENSG00000173914	0.030823761	0.032191841	0.034643087	0.02810943
ENSG00000163931	0.023990892	0.027014521	0.02854379	0.021553302
ENSG00000204748	0.020449291	0.025385034	0.026112917	0.018027207
ENSG00000204256	0.024551087	0.032262039	0.03904121	0.021676466
ENSG00000105767	0.017984256	0.025296519	0.025752633	0.016470366
ENSG00000110395	0.018505799	0.025603936	0.025096191	0.016216632
ENSG00000158901	0.015562248	0.024918849	0.024865369	0.01688624
ENSG00000103037	0.038070964	0.035078126	0.031454014	0.03124126
ENSG00000187741	0.022583629	0.029311149	0.029454125	0.019214498
ENSG00000204536	0.03951127	0.046505026	0.040265719	0.035950066
ENSG00000055483	0.061857516	0.077483749	0.060171845	0.044551533
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ENSG00000196814	0.016141696	0.026765698	0.026057325	0.017190134
ENSG00000130182	0.015437162	0.02426946	0.026037585	0.015214522
ENSG00000185187	0.027661648	0.029856491	0.030094018	0.026532138
ENSG00000160972	0.041168925	0.046400356	0.03993135	0.032460356
ENSG00000176601	0.019427384	0.026354611	0.029908651	0.01921868
ENSG00000114784	0.02167357	0.029839224	0.030908045	0.021948675
ENSG00000219073	0.015737841	0.02392381	0.025083791	0.015218762
ENSG00000157335	0.015063344	0.024849973	0.025719155	0.01487507
ENSG00000090554	0.025687762	0.028668749	0.033274641	0.027876667
ENSG00000127990	0.058691283	0.055700697	0.055104102	0.05163737
ENSG00000176697	0.016975567	0.024738927	0.024360237	0.015179125
ENSG00000007038	0.089658792	0.082548985	0.061631097	0.043333674
ENSG00000144468	0.037132551	0.039897298	0.035506945	0.034098398
ENSG00000133302	0.042599913	0.049885582	0.034478839	0.031009409
ENSG00000183826	0.01513165	0.024971551	0.025153837	0.014885114
ENSG00000163093	0.034134023	0.029379864	0.033653853	0.031735712
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ENSG00000136738	0.034988975	0.040836471	0.039915846	0.035493634
ENSG00000203666	0.083030207	0.070191842	0.084857252	0.070257766
ENSG00000182199	0.029438621	0.029446889	0.028095391	0.022277291
ENSG00000170185	0.026810992	0.035708678	0.032571908	0.027071442
ENSG00000137434	0.033936415	0.029387059	0.029746091	0.037092918
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ENSG00000196954	0.030907173	0.030399974	0.034206582	0.021584896
ENSG00000047249	0.022918275	0.032259816	0.029399078	0.022428362
ENSG00000139800	0.015790684	0.025033457	0.02476246	0.014974091
ENSG00000116830	0.032550467	0.031314365	0.03282633	0.025916901
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ENSG00000118655	0.052407801	0.055516137	0.04313417	0.058403452
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ENSG00000198931	0.024382976	0.030364255	0.03064704	0.031890715
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ENSG00000242485	0.022291441	0.027181126	0.027714309	0.022648616
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ENSG00000104835	0.02914848	0.031084974	0.030744035	0.025892694
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ENSG00000135828	0.035238989	0.042450713	0.036034337	0.028595012
ENSG00000133983	0.025553671	0.032720339	0.030057509	0.02076335
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ENSG00000182307	0.034651759	0.034039824	0.034790101	0.027727416
ENSG00000136870	0.032407855	0.03414727	0.031662002	0.026307289
ENSG00000248483	0.015386306	0.025202705	0.025695521	0.014242717
ENSG00000107105	0.016819366	0.026562167	0.02515713	0.016861452
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ENSG00000014164	0.023569745	0.03033335	0.037882212	0.024949928
ENSG00000166153	0.015871584	0.025209225	0.025042081	0.015506199
ENSG00000205268	0.050855626	0.057427129	0.050875082	0.048530861
ENSG00000110880	0.026352445	0.03243344	0.030832821	0.020824142
ENSG00000165028	0.031765914	0.043000987	0.040102486	0.031961755
ENSG00000243444	0.014872612	0.024519337	0.02448185	0.014982428
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ENSG00000182132	0.016478889	0.023997404	0.024266035	0.015081953
ENSG00000176170	0.01450618	0.024402745	0.024030802	0.014719267
ENSG00000130950	0.015870483	0.025587147	0.025599777	0.016106247
ENSG00000244624	0.015308779	0.025044397	0.024955226	0.014445963
ENSG00000108384	0.043204129	0.059003692	0.047497257	0.033374548
ENSG00000166851	0.050905437	0.032686339	0.04739466	0.041526139
ENSG00000095627	0.070619331	0.049806618	0.036776276	0.023147373
ENSG00000141965	0.026082421	0.040300036	0.047479894	0.03083272
ENSG00000103313	0.015778064	0.025060574	0.025190969	0.01594449
ENSG00000101442	0.034889651	0.036846544	0.034969993	0.026927381
ENSG00000100714	0.037023654	0.036988785	0.033076426	0.027771427
ENSG00000165244	0.01574607	0.025686751	0.026937244	0.01612367
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ENSG00000140545	0.095365355	0.064854591	0.064841572	0.075792395
ENSG00000111615	0.029544083	0.039985364	0.029018629	0.025459399
ENSG00000099246	0.024002953	0.031768287	0.031628356	0.031254628
ENSG00000138166	0.045321295	0.048482455	0.056646141	0.046910052
ENSG00000079263	0.051723238	0.042718197	0.049879027	0.046255574
ENSG00000155875	0.016166406	0.025167534	0.025006011	0.016367397
ENSG00000125931	0.015260608	0.025386368	0.025042656	0.014245216
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ENSG00000003056	0.021249815	0.030745907	0.029282547	0.018303721
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ENSG00000135437	0.047701608	0.036444467	0.033247692	0.036911701
ENSG00000173327	0.022508861	0.035606819	0.045244007	0.028361781
ENSG00000138315	0.015228436	0.025587249	0.024112356	0.014437762
ENSG00000111252	0.033828558	0.051585528	0.051611873	0.066380319
ENSG00000185201	0.070022219	0.049256212	0.053294509	0.058037003
ENSG00000104953	0.033349525	0.035841639	0.034290931	0.030975424
ENSG00000069399	0.03364882	0.042480237	0.051740437	0.043303812
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ENSG00000108179	0.040826899	0.033992652	0.038958331	0.036809984
ENSG00000206203	0.018019566	0.026772238	0.029185855	0.016281239
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ENSG00000151748	0.037541402	0.042861091	0.038755344	0.030724071
ENSG00000138303	0.032625421	0.033627574	0.032268151	0.025587718
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ENSG00000124116	0.018839355	0.027619019	0.026866943	0.017871241
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ENSG00000136193	0.03322884	0.0344836	0.030704158	0.031949714
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ENSG00000130429	0.022065828	0.027827866	0.028047426	0.02180616
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ENSG00000127226	0.031656002	0.035303755	0.037387584	0.032901595
ENSG00000157404	0.021917936	0.031542157	0.029080123	0.038163985
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ENSG00000173338	0.015319955	0.024492976	0.024750519	0.015118563
ENSG00000147164	0.024259504	0.030500234	0.028707911	0.025861456
ENSG00000203797	0.018482401	0.025192236	0.025983183	0.015066172
ENSG00000128422	0.108209552	0.085609622	0.064350913	0.082868867
ENSG00000104903	0.060421482	0.056354582	0.046709619	0.049199835
ENSG00000130024	0.045043114	0.046403503	0.039674318	0.030259379
ENSG00000160932	0.047379718	0.036831665	0.041009477	0.035047191
ENSG00000071246	0.029986081	0.038330313	0.029676682	0.027735616
ENSG00000170777	0.017415334	0.026400247	0.026381828	0.017390975
ENSG00000178662	0.028569413	0.02902966	0.024440254	0.015578471
ENSG00000135486	0.017970929	0.025464004	0.024758106	0.016858951
ENSG00000057608	0.02280525	0.029320773	0.026528437	0.019219976
ENSG00000100697	0.016489098	0.024795658	0.025067721	0.016431639
ENSG00000163520	0.016722998	0.025127692	0.024541917	0.015369237
ENSG00000158869	0.025227628	0.053314413	0.045862954	0.051489906
ENSG00000149418	0.017612414	0.026803272	0.025471953	0.017014189
ENSG00000105202	0.022788569	0.026033758	0.026229162	0.02062011
ENSG00000101871	0.014967537	0.02528541	0.024301465	0.014879449
ENSG00000077684	0.02401949	0.033836939	0.028911047	0.020300297
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ENSG00000158258	0.016865269	0.025119983	0.025410136	0.017595218
ENSG00000138459	0.023571236	0.036164377	0.032108494	0.024071475
ENSG00000213995	0.029707802	0.035780613	0.036066123	0.02463013
ENSG00000120438	0.026451467	0.031233249	0.027686613	0.020817359
ENSG00000124205	0.016903006	0.025160952	0.025043226	0.016447001
ENSG00000136942	0.01320482	0.023754781	0.024064533	0.014288458
ENSG00000158955	0.016002882	0.024708143	0.024410051	0.016100703
ENSG00000165115	0.014811405	0.02484244	0.025537559	0.015743714
ENSG00000138435	0.020110865	0.027324789	0.026473188	0.015769435
ENSG00000184508	0.028689027	0.032383133	0.03255743	0.028273497
ENSG00000186038	0.015906429	0.024431698	0.025400263	0.015176426
ENSG00000198793	0.030616042	0.040698349	0.032879739	0.02916835

ENSG00000196367	0.032571887	0.03731573	0.03349451	0.025937035
ENSG00000102243	0.015626045	0.02447208	0.025714931	0.01549993
ENSG00000143643	0.035104452	0.037442808	0.036097404	0.026764428
ENSG00000198826	0.040650182	0.035209725	0.033032931	0.031764271
ENSG00000181499	0.01660055	0.026160869	0.025775159	0.016385713
ENSG00000197753	0.016867201	0.02588373	0.025741746	0.014431109
ENSG00000211460	0.039698893	0.036943641	0.037602803	0.048687963
ENSG00000172497	0.017198085	0.026451292	0.024975654	0.015438751
ENSG00000100084	0.031418849	0.032546642	0.034678421	0.030759988
ENSG00000171853	0.022966014	0.031158929	0.034405565	0.026025204
ENSG00000162408	0.022098682	0.026640883	0.02711335	0.024203529
ENSG00000073734	0.015736332	0.025748566	0.024582382	0.016939255
ENSG00000124391	0.016684281	0.026738169	0.024179028	0.015886756
ENSG00000142676	0.014445745	0.024227066	0.024239845	0.015256792
ENSG00000151474	0.101482634	0.085796455	0.076494348	0.081280939
ENSG00000161533	0.016278375	0.024781549	0.024802504	0.015498212
ENSG00000164346	0.020969072	0.026373463	0.026266787	0.023352286
ENSG00000100422	0.016458478	0.025082801	0.025021862	0.015957952
ENSG00000204822	0.018626424	0.029533956	0.032137063	0.024332733
ENSG00000105983	0.029628119	0.036023084	0.031650206	0.022546799
ENSG00000204616	0.016416328	0.024540787	0.025333759	0.015003112
ENSG00000080839	0.029390225	0.034706974	0.027843569	0.020576087
ENSG00000072958	0.022620613	0.028997996	0.028880384	0.026280133
ENSG00000061492	0.015628718	0.025158732	0.024520498	0.016418457
ENSG00000167634	0.119278735	0.087567963	0.093822008	0.094384445
ENSG00000125409	0.014925825	0.024324976	0.02533252	0.016309209
ENSG00000152430	0.016574206	0.026426192	0.025374882	0.017281369
ENSG00000197808	0.031816629	0.0387319	0.040025949	0.03022711
ENSG00000148834	0.027263273	0.029715757	0.029437032	0.030038057
ENSG00000172818	0.021876728	0.028311349	0.027893433	0.02215918
ENSG00000182261	0.016069692	0.025829053	0.025444903	0.016071028
ENSG00000170917	0.034990034	0.034949099	0.032270931	0.028721135
ENSG00000104812	0.035704587	0.034401735	0.034685773	0.032715365
ENSG00000088832	0.024826938	0.030457823	0.029206501	0.025179227
ENSG00000166069	0.015166207	0.024730892	0.025207468	0.015386756
ENSG00000241553	0.025775468	0.030802958	0.032006241	0.028895631
ENSG00000205352	0.01986995	0.028285255	0.027426765	0.018917991
ENSG00000184719	0.016292985	0.025205298	0.025545859	0.016127872
ENSG00000131373	0.025636185	0.032084053	0.031761998	0.022591428
ENSG00000185386	0.024241058	0.030904144	0.02881379	0.026155043
ENSG00000165509	0.016334295	0.025504096	0.025513117	0.015911636
ENSG00000244187	0.033453902	0.031370528	0.028583378	0.029801145
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ENSG00000203933	0.015663633	0.025765233	0.025878428	0.014702078
ENSG00000114473	0.076374682	0.106804685	0.068273836	0.088745036
ENSG00000196209	0.017353335	0.027274357	0.024944372	0.016042897
ENSG00000011638	0.055902196	0.043797391	0.042949983	0.052880589
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ENSG00000128408	0.018263894	0.025427962	0.025286635	0.017087636
ENSG00000171132	0.018407461	0.028011576	0.028241424	0.020196449
ENSG00000130511	0.03683141	0.030474013	0.037138751	0.030400811
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ENSG00000124635	0.071316909	0.060965451	0.064444825	0.061457664

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ENSG00000167107	0.052951377	0.037795532	0.041779246	0.05222762
ENSG00000015532	0.028353216	0.029316923	0.029705014	0.025579041
ENSG00000120733	0.024915259	0.033832253	0.031096775	0.021453634
ENSG00000163156	0.023506338	0.032380563	0.033987382	0.022014136
ENSG00000186908	0.028331902	0.033302501	0.031921979	0.026002254
ENSG00000108465	0.028990825	0.031299723	0.032635736	0.024586401
ENSG00000152256	0.051897	0.051460606	0.039770542	0.051495292
ENSG00000131475	0.02209975	0.029107112	0.030680877	0.022627685
ENSG00000171988	0.032945713	0.036541486	0.034200107	0.031864698
ENSG00000168913	0.014872824	0.024752319	0.024900469	0.014427863
ENSG00000127412	0.015242172	0.024803838	0.024248595	0.01550751
ENSG00000168350	0.017889944	0.0274438	0.025995101	0.018423198
ENSG00000165637	0.021737406	0.027485888	0.027111523	0.019938875
ENSG00000168903	0.01885588	0.02532	0.027199192	0.017296156
ENSG00000163376	0.049605987	0.071440371	0.064022169	0.066132552
ENSG00000164418	0.015646447	0.024702218	0.024868443	0.015791898
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ENSG00000152518	0.036596334	0.047061013	0.042994904	0.038893069
ENSG00000081041	0.029385701	0.02840402	0.027360618	0.018931629
ENSG00000170727	0.034772206	0.033267353	0.035276369	0.031929044
ENSG00000197622	0.035791567	0.042365757	0.048723644	0.03561906
ENSG00000197183	0.023247664	0.02702504	0.025869106	0.019901714
ENSG00000135655	0.029225227	0.036589177	0.032771058	0.026767219
ENSG00000173894	0.015716026	0.024736807	0.025434988	0.01510802
ENSG00000214265	0.041913188	0.029579787	0.031629225	0.027192639
ENSG00000132749	0.01820519	0.026683896	0.026938727	0.017904907
ENSG00000196341	0.016239046	0.025065105	0.02415687	0.014871491
ENSG00000088930	0.022923171	0.029739475	0.030747197	0.021112028
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ENSG00000150630	0.016148349	0.024527263	0.024734037	0.016394427
ENSG00000088538	0.015154818	0.024708621	0.024955763	0.014768074
ENSG00000112246	0.018929276	0.02625695	0.026532639	0.018527433
ENSG00000119522	0.049437865	0.04119878	0.039488672	0.039260851
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ENSG00000215021	0.023157549	0.030020225	0.02941145	0.019221837
ENSG00000117308	0.033695296	0.031436195	0.038215941	0.031520674
ENSG00000148429	0.051575952	0.043419464	0.048351888	0.039958701
ENSG00000178386	0.024899544	0.029320853	0.025245002	0.019452044
ENSG00000162670	0.016641807	0.024658595	0.024115865	0.016123877
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ENSG00000148660	0.036465661	0.035509655	0.030944508	0.029362839
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ENSG00000136819	0.029142496	0.034002469	0.032507196	0.02462958
ENSG00000185721	0.023231506	0.029417494	0.029506921	0.017810809
ENSG00000079805	0.023437899	0.030351973	0.035810343	0.025768362
ENSG00000085377	0.034416722	0.039877507	0.03478144	0.025367236
ENSG00000066117	0.017912911	0.028027838	0.027354936	0.019880141
ENSG00000111348	0.023422642	0.028196273	0.026202174	0.021094602
ENSG00000215186	0.016074356	0.025095862	0.025323641	0.015907514
ENSG00000105355	0.030602924	0.030925481	0.033903303	0.029905377

ENSG00000140931	0.017707483	0.024508159	0.026050637	0.015710666
ENSG00000115884	0.137696539	0.1193151	0.108205495	0.121850354
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ENSG00000007968	0.079053173	0.055363975	0.049580633	0.057532069
ENSG00000136521	0.022729675	0.030300095	0.027210327	0.020559174
ENSG00000161634	0.015541045	0.02653573	0.024374409	0.015928484
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ENSG00000167754	0.016531229	0.025478302	0.024953814	0.014552175
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ENSG00000135821	0.084242834	0.067060874	0.046364383	0.055435862
ENSG00000165806	0.018258168	0.026722144	0.024652791	0.019780728
ENSG00000135631	0.015525393	0.024979046	0.02526708	0.016189749
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ENSG00000115241	0.030692698	0.031410284	0.028936375	0.024758684
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ENSG00000134539	0.016139075	0.024612552	0.024617838	0.01594799
ENSG00000180884	0.031563789	0.036889046	0.032656335	0.022761476
ENSG00000139287	0.016511218	0.025551412	0.024968663	0.01534696
ENSG00000105373	0.021278774	0.029262117	0.027308213	0.022515269
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ENSG00000104290	0.066887167	0.048755234	0.050009756	0.057284898
ENSG00000054282	0.033446996	0.035769393	0.033489714	0.031188362
ENSG00000111713	0.015556258	0.0249812	0.025227929	0.015501166
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ENSG00000173511	0.035712999	0.032561669	0.036037894	0.0345407
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ENSG00000115361	0.016578477	0.024789211	0.024905343	0.015894789
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ENSG00000124253	0.015507525	0.025196056	0.02433966	0.015133192
ENSG00000162650	0.030491929	0.031981603	0.040067308	0.033224215

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ENSG00000228198	0.014372038	0.024524942	0.024689629	0.016472732
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ENSG00000187239	0.019128663	0.027479339	0.02573012	0.018536846
ENSG00000106336	0.021015843	0.026051122	0.026038193	0.017695857
ENSG00000160679	0.026462044	0.030778668	0.027995186	0.021824904
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ENSG00000177888	0.016692775	0.024911751	0.025373642	0.017537151
ENSG00000180697	0.015172629	0.02503389	0.024582552	0.015620802
ENSG00000167680	0.015925707	0.026731205	0.025550006	0.017139083
ENSG00000205085	0.016976013	0.024863779	0.024975069	0.014652925
ENSG00000198053	0.107844516	0.068761856	0.078912272	0.078370877
ENSG00000204713	0.030938372	0.030068811	0.032143967	0.026199428
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ENSG00000170484	0.015457713	0.024327138	0.024777017	0.016148935
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ENSG00000092445	0.015584946	0.02640505	0.024677019	0.015329973
ENSG00000122121	0.025673624	0.028527658	0.029300345	0.023377503
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ENSG00000116786	0.027767007	0.032260194	0.03816723	0.026190378
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ENSG00000164976	0.019782174	0.025267885	0.025101526	0.0147995
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ENSG00000181135	0.02004349	0.028611985	0.029272452	0.021973946
ENSG00000214078	0.042038613	0.043728245	0.038200286	0.037282009
ENSG00000113658	0.042535663	0.037699739	0.03822712	0.038593778
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ENSG00000154473	0.025144301	0.032198563	0.030726234	0.026247255
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ENSG00000112763	0.030924749	0.036865209	0.033531229	0.025115873
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ENSG00000005379	0.053671672	0.046686382	0.046253021	0.054834786
ENSG00000028137	0.046518678	0.040441956	0.034917677	0.041045373
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ENSG00000102226	0.024953993	0.027888942	0.030067355	0.02161817
ENSG00000117560	0.01527278	0.025119658	0.024413342	0.015458237
ENSG00000136449	0.015360079	0.025000246	0.024727555	0.0147283
ENSG00000204967	0.015378176	0.024923284	0.025673471	0.014585213
ENSG00000139350	0.048911886	0.048996605	0.04238374	0.045316693
ENSG00000145730	0.049429607	0.041306687	0.042104279	0.040152154
ENSG00000183023	0.016628581	0.024636107	0.024585215	0.016152567
ENSG00000069020	0.041918747	0.028565262	0.034444926	0.030205671
ENSG00000163633	0.020461804	0.027545349	0.025446336	0.017795567

ENSG00000177459	0.122108632	0.077140257	0.080737783	0.08451474
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ENSG00000184357	0.056478788	0.03785126	0.048001841	0.056060768
ENSG00000131845	0.025201866	0.035572597	0.034224532	0.021900996
ENSG00000145864	0.016907057	0.0255887	0.02552668	0.01606047
ENSG00000100410	0.033025104	0.034946053	0.03765651	0.030724348
ENSG00000205981	0.032166648	0.030192909	0.03056864	0.021936244
ENSG00000167797	0.038699556	0.035010939	0.033891274	0.036500224
ENSG00000132846	0.04617484	0.040761805	0.037339118	0.038371134
ENSG00000105058	0.021573832	0.028889514	0.033064565	0.02173181
ENSG00000136155	0.019529968	0.027479241	0.026962532	0.018799227
ENSG00000163121	0.133736789	0.08589833	0.094848622	0.114613634
ENSG00000243335	0.018310449	0.025905056	0.024789398	0.01576285
ENSG00000161671	0.026629655	0.032414426	0.031609616	0.027680074
ENSG00000169093	0.033657894	0.034107653	0.042900303	0.044681262
ENSG00000158786	0.015428609	0.025640859	0.02465825	0.015526099
ENSG00000152495	0.039650361	0.046883258	0.037645985	0.039932968
ENSG00000115604	0.135415444	0.112256187	0.103474972	0.119414198
ENSG00000162813	0.030708161	0.036510276	0.031065647	0.026266512
ENSG00000100350	0.037989338	0.03362529	0.031260065	0.028681778
ENSG00000231852	0.016076159	0.025640539	0.025949225	0.015693847
ENSG00000198440	0.020363051	0.02591716	0.028484777	0.023038917
ENSG00000151093	0.029193758	0.033857772	0.028653219	0.021112382
ENSG00000118600	0.033977386	0.032041636	0.033758742	0.030425264
ENSG00000109133	0.037812675	0.037101436	0.03129955	0.033606508
ENSG00000189129	0.015108425	0.024972269	0.025009169	0.014632021
ENSG00000023318	0.023740617	0.028964414	0.027711848	0.019155667
ENSG00000141934	0.01558649	0.025175162	0.02582433	0.015935973
ENSG00000019169	0.031080031	0.029540217	0.027407462	0.021791996
ENSG00000183036	0.016739785	0.025386756	0.024791611	0.015026906
ENSG00000169314	0.015981935	0.025450617	0.024211108	0.015058176
ENSG00000156958	0.037710065	0.037199012	0.03269758	0.029819257
ENSG00000046889	0.023394115	0.030413238	0.028442111	0.023583297
ENSG00000101190	0.06938211	0.063159365	0.049845124	0.056877644
ENSG00000187990	0.055007166	0.044150273	0.045860148	0.043087192
ENSG00000186073	0.041595374	0.042405594	0.032209223	0.034163969
ENSG00000101751	0.034911489	0.037247971	0.031290981	0.033357132
ENSG00000173531	0.047551791	0.049509563	0.042821141	0.051148286
ENSG00000179562	0.025733549	0.039867335	0.041793225	0.025584531
ENSG00000184788	0.0204708	0.024717608	0.032758293	0.016611584
ENSG00000164451	0.017038455	0.024671629	0.025236521	0.016030274
ENSG00000125898	0.045746241	0.050272573	0.039017568	0.038642624
ENSG00000164935	0.01641673	0.025368573	0.024499237	0.014883826
ENSG00000132780	0.022631477	0.027880209	0.027643325	0.020937905
ENSG00000149929	0.036157066	0.034015626	0.031244426	0.027579093
ENSG00000105011	0.047265916	0.040652459	0.041307792	0.037055633
ENSG00000040341	0.03756061	0.045717059	0.033711432	0.033213774
ENSG00000147065	0.022212362	0.029819429	0.028357256	0.019984677
ENSG00000017483	0.038047537	0.031472583	0.033544054	0.0368018
ENSG00000101435	0.030084867	0.03545362	0.032517461	0.029596186
ENSG00000116685	0.026665254	0.030976556	0.037130389	0.025205659
ENSG00000152669	0.015595785	0.025009637	0.025480658	0.015438816

ENSG00000148356	0.026797035	0.030528462	0.027757611	0.021653319
ENSG00000196242	0.01557781	0.024601931	0.024907994	0.01540431
ENSG00000143140	0.015009688	0.025497477	0.024651849	0.014858771
ENSG00000173349	0.03031873	0.037489427	0.03496327	0.026008088
ENSG00000108774	0.030737074	0.037270901	0.032523991	0.033757367
ENSG00000179115	0.024133737	0.028249871	0.029379684	0.023766039
ENSG00000065029	0.033524862	0.036771624	0.033765927	0.02870081
ENSG00000131771	0.01542869	0.025105293	0.024261521	0.014022842
ENSG00000179364	0.014959148	0.024703295	0.02452265	0.014197984
ENSG00000106829	0.058269774	0.049958539	0.044467237	0.04916383
ENSG00000140464	0.018575938	0.027125131	0.02569266	0.016287633
ENSG00000172478	0.017489763	0.02660803	0.025536748	0.017377917
ENSG00000103994	0.032941081	0.0382093	0.03195011	0.025039316
ENSG00000105497	0.035740482	0.037903142	0.038312917	0.026198351
ENSG00000140254	0.015196966	0.02502865	0.024118585	0.015782052
ENSG00000178257	0.015600981	0.025730554	0.024631775	0.01630571
ENSG00000084444	0.022591176	0.034787096	0.031012337	0.023639252
ENSG00000181085	0.014958829	0.025887372	0.023879849	0.01450203
ENSG00000174840	0.02349148	0.031433872	0.030706181	0.02539161
ENSG00000142959	0.025878908	0.028912259	0.026861385	0.020435156
ENSG00000141664	0.016343605	0.024972505	0.025533542	0.015235809
ENSG00000187091	0.027711829	0.033020461	0.027211752	0.028773703
ENSG00000241233	0.018467964	0.026172977	0.026347973	0.017763735
ENSG00000197375	0.031346269	0.033177664	0.028897874	0.021667688
ENSG00000171365	0.016927446	0.025978853	0.025170327	0.017223176
ENSG00000163877	0.034638914	0.049901502	0.047850721	0.035768632
ENSG00000125492	0.016068114	0.027585268	0.026197708	0.016197673
ENSG00000181284	0.020146054	0.02789312	0.027948573	0.022978091
ENSG00000183876	0.015320644	0.02553416	0.025417167	0.016120543
ENSG00000187242	0.01504733	0.024562791	0.024962038	0.014862273
ENSG00000095464	0.016467964	0.025731855	0.024529056	0.015603114
ENSG00000157800	0.030303432	0.033954065	0.038848976	0.025733259
ENSG00000204843	0.016276098	0.024533117	0.025397648	0.015487261
ENSG00000099960	0.015130077	0.024730036	0.024633452	0.014858126
ENSG00000082781	0.104252683	0.068265693	0.079068751	0.100903404
ENSG00000159461	0.043990117	0.053460296	0.034716948	0.058066532
ENSG00000061676	0.082766568	0.078732069	0.066343415	0.07525707
ENSG00000103671	0.026802938	0.034045008	0.0334919	0.034443441
ENSG00000139515	0.019560524	0.02699277	0.026352841	0.017248018
ENSG00000131668	0.025287174	0.029524863	0.025468253	0.016985493
ENSG00000161547	0.028364534	0.033318259	0.035623354	0.029322092
ENSG00000162881	0.017242962	0.027498104	0.026287369	0.020348848
ENSG00000080189	0.018926547	0.026123124	0.027047555	0.018962914
ENSG00000080561	0.02128261	0.028269106	0.026739566	0.017801305
ENSG00000107242	0.062784759	0.06976943	0.050163162	0.052285851
ENSG00000110057	0.037504875	0.066327882	0.050844841	0.051723203
ENSG00000151503	0.039264936	0.038047432	0.032565984	0.026078685
ENSG00000013441	0.028937843	0.035108376	0.038281081	0.037704012
ENSG00000176390	0.027346061	0.033649178	0.032466614	0.02608051
ENSG00000137033	0.017665336	0.025405674	0.02454199	0.016535331
ENSG00000065618	0.01923173	0.029362618	0.027283589	0.019200049
ENSG00000132681	0.015904713	0.024779692	0.023870909	0.01465435
ENSG00000143549	0.021758092	0.028876589	0.027562798	0.020546291
ENSG0000008988	0.016122666	0.024129398	0.025164387	0.016598583

ENSG00000104979	0.01798016	0.026868495	0.027707301	0.019881374
ENSG00000184524	0.099194613	0.072488273	0.066978952	0.083425511
ENSG00000148450	0.035327963	0.042306619	0.040063525	0.029419962
ENSG00000160181	0.083832278	0.029486308	0.029071899	0.042965067
ENSG00000212127	0.019061609	0.027136188	0.028511064	0.018969577
ENSG00000197008	0.0395475	0.041901143	0.036438426	0.034191854
ENSG00000086696	0.016470284	0.02552616	0.024696164	0.014807641
ENSG00000160844	0.037618704	0.033420772	0.034079523	0.022771016
ENSG00000116266	0.034695079	0.038654811	0.035040056	0.038655255
ENSG00000148734	0.017777154	0.027541323	0.025232252	0.016927458
ENSG00000123562	0.033611945	0.034559836	0.033593444	0.023486263
ENSG00000179796	0.017273938	0.025880648	0.026660259	0.017052757
ENSG00000090534	0.014547409	0.024679093	0.02419535	0.013851722
ENSG00000101331	0.01553207	0.02425229	0.024391152	0.015631554
ENSG00000075426	0.069544962	0.067973253	0.059149285	0.080543175
ENSG00000112742	0.043090309	0.036929978	0.03553822	0.036715201
ENSG00000127837	0.024489014	0.027850705	0.030925649	0.021332694
ENSG00000018699	0.035727559	0.040324447	0.033103373	0.030106678
ENSG00000162923	0.032198388	0.033785191	0.035292032	0.030992348
ENSG00000103852	0.024144605	0.034704051	0.02700779	0.024497679
ENSG00000116857	0.042294454	0.038529822	0.038935648	0.03141369
ENSG00000156711	0.081259283	0.045199125	0.059389053	0.053334931
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ENSG00000115255	0.016969024	0.025422858	0.02615667	0.016086041
ENSG00000058600	0.026441421	0.031842102	0.038658625	0.024700919
ENSG00000117569	0.035317778	0.037144827	0.040008921	0.029951583
ENSG00000115488	0.017394183	0.025265893	0.025557284	0.015378094
ENSG00000127191	0.02175663	0.029258467	0.030017614	0.022352293
ENSG00000122085	0.034091692	0.03583493	0.034980308	0.030831383
ENSG00000099341	0.033320781	0.035242226	0.034759237	0.025946405
ENSG00000164032	0.026846835	0.028904578	0.028100871	0.02092373
ENSG00000144567	0.023017915	0.029968226	0.032359419	0.026132754
ENSG00000065308	0.06822187	0.051427646	0.049430039	0.059652801
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ENSG00000177103	0.040004693	0.033777253	0.028893241	0.031107753
ENSG00000143195	0.016301575	0.025255927	0.024095753	0.015869311
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ENSG00000172183	0.042190037	0.042879666	0.037191882	0.036568758
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ENSG00000177556	0.033300183	0.033107746	0.029398928	0.030917776
ENSG00000100441	0.020701777	0.029990938	0.027138827	0.025718298
ENSG00000103199	0.017256366	0.02517307	0.024961636	0.016796206
ENSG00000111700	0.019167263	0.0259398	0.025873224	0.016634472
ENSG00000205765	0.030960142	0.03292472	0.029136766	0.021890173
ENSG00000156298	0.037335272	0.028487509	0.025024891	0.024861145
ENSG00000066136	0.025302802	0.033096132	0.031521681	0.023631485
ENSG00000160392	0.03435726	0.029893279	0.044990979	0.042622083
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ENSG00000176371	0.021541326	0.027179591	0.027433324	0.019617902
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ENSG00000122133	0.01764408	0.027854143	0.025137743	0.023981942
ENSG00000115844	0.049558412	0.040668021	0.042940694	0.046458767
ENSG00000160216	0.038774724	0.042361952	0.036578623	0.042330269
ENSG00000198146	0.015649489	0.026815794	0.025922663	0.016802684
ENSG00000170965	0.019057292	0.02754042	0.025990057	0.02307926
ENSG00000125618	0.017265414	0.026915535	0.026035889	0.01661758
ENSG00000144535	0.021563135	0.028176057	0.027412481	0.021050718
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ENSG00000124839	0.016843584	0.025314377	0.025262616	0.015470702
ENSG00000168081	0.046920964	0.038527065	0.034701664	0.03970935
ENSG00000076924	0.028803636	0.02952063	0.034215359	0.027357682
ENSG00000115866	0.02922995	0.030660692	0.027708429	0.020873967
ENSG00000090565	0.028788118	0.03666448	0.038107913	0.023121959
ENSG00000186416	0.02406838	0.031295219	0.030763227	0.021249686
ENSG00000100593	0.016808462	0.027362654	0.025158281	0.01842167
ENSG00000167555	0.025875655	0.028172773	0.028158129	0.02011621
ENSG00000013275	0.026775618	0.031064962	0.030138209	0.030309756
ENSG00000162241	0.043249267	0.038230309	0.034312846	0.038224913
ENSG00000177169	0.036539135	0.039099226	0.0398047	0.034798011
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ENSG00000139083	0.029190235	0.036508273	0.032538974	0.038752008
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ENSG00000206262	0.014874758	0.023838076	0.0247229	0.013903233
ENSG00000150316	0.026609947	0.03109339	0.030098525	0.020641196
ENSG00000172602	0.031085312	0.031179606	0.034380852	0.032554121
ENSG00000012660	0.032017827	0.036280165	0.031810151	0.024447122
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ENSG00000173698	0.053551784	0.028264278	0.025732658	0.021389073
ENSG00000169446	0.022664353	0.028602917	0.03143625	0.02289938
ENSG00000151366	0.033619318	0.033114492	0.035022351	0.037091238
ENSG00000182218	0.015509007	0.026458557	0.024865926	0.015284669
ENSG00000102901	0.022498653	0.03113291	0.030595661	0.021802344
ENSG00000148700	0.056897784	0.04502997	0.04289536	0.038418196
ENSG00000172197	0.035808209	0.033914737	0.036357144	0.028536864
ENSG00000141200	0.016636949	0.024947505	0.025220225	0.016934413
ENSG00000213281	0.030724474	0.035261703	0.039726817	0.034882024
ENSG00000136490	0.029565439	0.028276786	0.029462312	0.025437178
ENSG00000178602	0.017386725	0.024241857	0.024906057	0.016290943
ENSG00000233822	0.018916734	0.026862342	0.026343803	0.017045479
ENSG00000148110	0.044387022	0.062732182	0.04752766	0.107305569
ENSG00000241258	0.022334924	0.027396414	0.028873681	0.02173572
ENSG00000004799	0.015850267	0.025563955	0.025459847	0.01637481
ENSG00000157259	0.027016481	0.03357057	0.032531231	0.025829832
ENSG00000105287	0.029898328	0.029569387	0.036776122	0.024699147
ENSG00000169885	0.016096826	0.024588551	0.024291563	0.014448103
ENSG00000157540	0.027880573	0.033761174	0.035712414	0.028952538
ENSG00000125257	0.041046175	0.045587819	0.039692641	0.041296249
ENSG00000178171	0.015877607	0.024853068	0.024729523	0.014538716
ENSG00000112214	0.015777992	0.024800505	0.025174964	0.015295856

ENSG00000186977	0.018208182	0.02549086	0.027126658	0.016831594
ENSG00000155329	0.030941055	0.038257558	0.037856349	0.030147962
ENSG00000180066	0.020174373	0.032324185	0.025923566	0.017568512
ENSG00000188784	0.015357684	0.026201306	0.024843742	0.014927849
ENSG00000074935	0.042593252	0.045286599	0.036852881	0.038290214
ENSG00000160563	0.028631091	0.035198917	0.035239827	0.030351729
ENSG00000010256	0.025924061	0.028837874	0.027402993	0.021049077
ENSG00000102580	0.043472997	0.040939407	0.056287946	0.04593887
ENSG00000060069	0.032724006	0.039438444	0.037917289	0.031584864
ENSG00000197125	0.017478899	0.026284972	0.025752912	0.016958192
ENSG00000206026	0.017028467	0.025132469	0.025518365	0.015885072
ENSG00000171501	0.015926497	0.025940701	0.024133708	0.015863312
ENSG00000133321	0.04965819	0.052840466	0.043316179	0.047966254
ENSG00000184750	0.015909622	0.023972302	0.024187729	0.015332488
ENSG00000101844	0.031587019	0.037735685	0.032828283	0.029474566
ENSG00000068001	0.017544593	0.027196436	0.027310158	0.018467378
ENSG00000091317	0.037797262	0.045620852	0.039262204	0.045115295
ENSG00000025156	0.029484099	0.03301761	0.031891165	0.025003116
ENSG00000163012	0.01585571	0.025947977	0.025872593	0.01515838
ENSG00000155428	0.037601145	0.0375138	0.039316661	0.038959253
ENSG00000100077	0.03517225	0.035356474	0.038265407	0.031674506
ENSG00000113088	0.024625713	0.031938294	0.032080325	0.036759971
ENSG00000103061	0.022295066	0.028523411	0.029226572	0.022471951
ENSG00000205022	0.015609733	0.024202527	0.024194284	0.013579206
ENSG00000084072	0.049661641	0.044521475	0.037533834	0.040228898
ENSG00000215560	0.017388765	0.025919045	0.026112732	0.016378278
ENSG00000157343	0.023176705	0.027239115	0.026031287	0.017376315
ENSG00000142615	0.017212032	0.025501208	0.025554537	0.016166541
ENSG00000112852	0.017284764	0.025984343	0.024303378	0.01439481
ENSG00000186212	0.016646175	0.025157125	0.026394633	0.015654733
ENSG00000113889	0.019394071	0.025641046	0.025564292	0.017764186
ENSG00000181935	0.015632976	0.024860501	0.024322891	0.015135587
ENSG00000068078	0.025354756	0.027042335	0.026829047	0.019491393
ENSG00000151576	0.023105197	0.025770558	0.028750261	0.020333317
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ENSG00000110237	0.056885178	0.058586902	0.053254265	0.070514552
ENSG00000175711	0.022654122	0.030576847	0.030413899	0.022140619
ENSG00000158764	0.01632577	0.025652694	0.02416449	0.015920762
ENSG00000127870	0.017666349	0.026218513	0.025996507	0.017159085
ENSG00000205323	0.019221635	0.028137008	0.028226635	0.017112871
ENSG00000152291	0.020903202	0.027381382	0.030037198	0.024806555
ENSG00000175592	0.018151065	0.027036433	0.025425134	0.01862935
ENSG00000115145	0.037898253	0.037545473	0.032987054	0.042426949
ENSG00000166912	0.014072096	0.024406843	0.024862923	0.014767982
ENSG00000136560	0.054506437	0.045616284	0.055232829	0.055392434
ENSG00000164134	0.034566432	0.035559842	0.032121317	0.02982457
ENSG00000177646	0.03574871	0.035649562	0.032723928	0.029467933
ENSG00000174231	0.022261657	0.029936697	0.029707666	0.019922608
ENSG00000150045	0.051286497	0.045802677	0.035077457	0.039149114
ENSG00000073792	0.040107285	0.02717032	0.026162878	0.020453071
ENSG00000184956	0.018477607	0.025598261	0.026839325	0.015963384
ENSG00000033170	0.041591938	0.039625244	0.046444015	0.045924009
ENSG00000181315	0.030101204	0.037653612	0.034483952	0.03125591
ENSG00000163755	0.017548956	0.025738925	0.027608056	0.018172604

ENSG00000109762	0.032621987	0.042064724	0.032632711	0.034679448
ENSG00000198590	0.015983098	0.026646522	0.025284059	0.015750015
ENSG00000108960	0.038074862	0.041424	0.036057786	0.034857737
ENSG00000132434	0.055018571	0.045893534	0.053963917	0.056013806
ENSG00000136731	0.04624348	0.041038141	0.044809942	0.039170882
ENSG00000105549	0.016366019	0.024892546	0.02432072	0.016080927
ENSG00000148444	0.027808868	0.032084254	0.030499368	0.0218084
ENSG00000165480	0.045503967	0.04671728	0.036161234	0.036514534
ENSG00000175606	0.057164115	0.04905953	0.046028161	0.053868629
ENSG00000157954	0.015655696	0.025787245	0.02482755	0.015514472
ENSG00000162236	0.025698729	0.030500321	0.043619408	0.023878978
ENSG00000114796	0.040138593	0.043802918	0.046714807	0.042957055
ENSG00000113597	0.031046266	0.031152982	0.031678756	0.028056434
ENSG00000149970	0.015890216	0.025874195	0.025006281	0.016093365
ENSG00000127472	0.015524566	0.024934118	0.025653413	0.016224371
ENSG00000137757	0.021577739	0.027617626	0.033848103	0.018869155
ENSG00000136689	0.017644121	0.025598402	0.026325149	0.01755491
ENSG00000188486	0.04222295	0.040154823	0.04080108	0.035504115
ENSG00000073756	0.052883442	0.030768923	0.029908851	0.024294509
ENSG00000154589	0.033025335	0.040806641	0.034832213	0.02833643
ENSG00000152229	0.101227012	0.071140005	0.05828755	0.068098812
ENSG00000179837	0.033264856	0.0316088	0.031810268	0.029522428
ENSG00000165970	0.018948213	0.025333137	0.025577458	0.015483628
ENSG00000176463	0.017588478	0.025964512	0.02555551	0.018629224
ENSG00000185479	0.017131845	0.024645976	0.026864372	0.017165196
ENSG00000204316	0.025980336	0.026789777	0.030431733	0.027177258
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ENSG00000232119	0.025736966	0.029612128	0.028307398	0.018997253
ENSG00000175874	0.016717369	0.025185868	0.02469906	0.016879388
ENSG00000029364	0.048379446	0.051128192	0.042549833	0.031582823
ENSG00000198862	0.029194373	0.037334935	0.031540628	0.029201311
ENSG00000005075	0.027776985	0.036367629	0.03092659	0.023892187
ENSG00000158483	0.01751387	0.026581565	0.026617995	0.019713639
ENSG00000132600	0.032732347	0.033845903	0.035218764	0.027067317
ENSG00000214087	0.038448339	0.033489875	0.038862284	0.034703543
ENSG00000004059	0.024591947	0.032429551	0.030052064	0.025062703
ENSG00000162817	0.126407906	0.112239004	0.118611515	0.122101147
ENSG00000106305	0.032409387	0.033456598	0.032609585	0.033879541
ENSG00000039523	0.031668837	0.03809457	0.038895295	0.045128603
ENSG00000149925	0.026538437	0.035969121	0.030668676	0.029239882
ENSG00000137770	0.031616658	0.035855808	0.033327422	0.031963642
ENSG00000149187	0.036618742	0.041591745	0.03558688	0.024715984
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ENSG00000109472	0.015848351	0.024733732	0.025142137	0.015116476
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ENSG00000187753	0.018132859	0.025785297	0.029489772	0.018662059
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ENSG00000128487	0.043524488	0.037358283	0.037827499	0.032050997
ENSG00000117114	0.037570013	0.025810582	0.024993406	0.017246512
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ENSG00000155093	0.072404613	0.05921292	0.057656508	0.065362834
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ENSG00000100427	0.017165013	0.024787973	0.02614523	0.015680931
ENSG00000189134	0.023221086	0.028489039	0.027502993	0.021015492
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ENSG00000065615	0.031619934	0.038871206	0.033725708	0.028774986
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ENSG00000109771	0.015415899	0.024123646	0.025531607	0.015479885
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ENSG00000164252	0.032501451	0.044555044	0.030703715	0.027744962
ENSG00000174738	0.030599346	0.036345089	0.034966827	0.031010173
ENSG00000163535	0.021174977	0.030809381	0.026947132	0.017253494
ENSG00000104941	0.034458448	0.033520039	0.035833376	0.040541017
ENSG00000174871	0.040570403	0.038181218	0.039936058	0.033776954
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ENSG00000188517	0.018366307	0.026105616	0.025607937	0.017731245
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ENSG00000117597	0.027179171	0.030022012	0.028338375	0.020990881
ENSG00000157224	0.042859861	0.039777287	0.040334252	0.036015101
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ENSG00000197838	0.015246019	0.02477436	0.024990356	0.014977771
ENSG00000042493	0.070757062	0.061698002	0.055781541	0.070767448
ENSG00000134086	0.034300714	0.034936282	0.034120421	0.030050927
ENSG00000205678	0.015941284	0.026151695	0.026081607	0.016502432
ENSG00000099800	0.033787304	0.03954925	0.040387455	0.035619173
ENSG00000152348	0.023240684	0.028039626	0.027661143	0.024167602
ENSG00000137440	0.02147663	0.024828505	0.025266004	0.015143922
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ENSG00000111885	0.060018408	0.049823861	0.046153541	0.048247789
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ENSG00000206013	0.013477379	0.023768372	0.023495009	0.013146153
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ENSG00000138136	0.018875054	0.026017143	0.025558589	0.018444911
ENSG00000139343	0.023129609	0.027757173	0.02791482	0.018620348
ENSG00000152192	0.037117093	0.030987658	0.029446934	0.028801894
ENSG00000135597	0.030313851	0.032268451	0.03574117	0.029461317
ENSG00000067533	0.035107851	0.037678532	0.040445113	0.040900357
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ENSG00000102554	0.064286672	0.037899978	0.033924012	0.040372546
ENSG00000166261	0.01552373	0.02437804	0.024826473	0.01504438
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ENSG00000166479	0.039421779	0.040866104	0.034371894	0.025498652
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ENSG00000115446	0.026249557	0.032308051	0.032540049	0.022993865
ENSG00000101421	0.022852259	0.032218705	0.032474457	0.022983009
ENSG00000091542	0.042809003	0.033832012	0.03838289	0.034656034
ENSG00000127989	0.03836799	0.038916494	0.044059961	0.033330143
ENSG00000197506	0.015324941	0.024821741	0.025020334	0.0159598
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ENSG00000130684	0.032051914	0.036254118	0.035805759	0.035769293
ENSG00000187134	0.088295252	0.038215447	0.025218468	0.033464444
ENSG00000197019	0.037318825	0.042355637	0.055283111	0.032044665
ENSG00000134242	0.016329406	0.024708537	0.024957726	0.017564607
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ENSG00000142192	0.134567762	0.077814181	0.074680601	0.092732093
ENSG00000168476	0.038742632	0.030968	0.037568547	0.028111216
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ENSG00000068784	0.039794717	0.039921824	0.031100887	0.029146175
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ENSG00000147606	0.01934912	0.02500592	0.025619694	0.021555543
ENSG00000187838	0.033300907	0.036808889	0.032671984	0.029223169
ENSG00000141456	0.027841996	0.027863819	0.035121791	0.027598078
ENSG00000197928	0.017055532	0.02667467	0.026104167	0.016034621
ENSG00000159224	0.016035396	0.024766334	0.024521312	0.014627512
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ENSG00000147231	0.062643111	0.053053995	0.042183807	0.041515848

ENSG00000133874	0.043730618	0.038234858	0.043688919	0.036707387
ENSG00000185896	0.029418149	0.034564232	0.032128702	0.030080222
ENSG00000143776	0.026870303	0.029467948	0.02689546	0.022525174
ENSG00000146374	0.015503007	0.025369568	0.02481034	0.014913953
ENSG00000115750	0.042113644	0.039911275	0.040967714	0.036968067
ENSG00000143603	0.082203519	0.07658081	0.063747966	0.055969696
ENSG00000177479	0.028765491	0.032884386	0.033767997	0.027119344
ENSG00000119977	0.030554528	0.033972321	0.035970962	0.027203686
ENSG00000022556	0.171478017	0.145839275	0.142843609	0.135590104
ENSG00000184117	0.028371656	0.029720106	0.034391799	0.032845973
ENSG00000115363	0.01551645	0.025315475	0.024159679	0.015240679
ENSG00000100105	0.035476177	0.036467283	0.037713406	0.040816152
ENSG00000175984	0.016914081	0.025252063	0.02471537	0.015644605
ENSG00000186377	0.01625746	0.025226314	0.02487708	0.014719019
ENSG00000155827	0.034448823	0.037851961	0.032855815	0.025304975
ENSG00000111728	0.014649976	0.024399436	0.024633191	0.02681669
ENSG00000184672	0.015154557	0.024851162	0.025718841	0.013703952
ENSG00000244025	0.017865793	0.02648054	0.025623517	0.015076406
ENSG00000104325	0.02573888	0.031395934	0.029366781	0.019997662
ENSG00000158089	0.091417194	0.044016368	0.044931527	0.084721818
ENSG00000168434	0.018424612	0.027342561	0.02830848	0.01655756
ENSG00000114646	0.016130545	0.025327944	0.024293971	0.015729789
ENSG00000116016	0.016003968	0.02462852	0.024408478	0.014195242
ENSG00000144893	0.016348644	0.025081275	0.024516885	0.015987903
ENSG00000103599	0.016851331	0.025517109	0.024692535	0.015641693
ENSG00000175538	0.020010576	0.025753889	0.024127356	0.014650994
ENSG00000156304	0.027428881	0.032478801	0.035331853	0.028691401
ENSG00000173402	0.02578237	0.034472881	0.033885973	0.02500267
ENSG00000116903	0.03544268	0.038649788	0.039127737	0.038912768
ENSG00000198353	0.018416307	0.025544687	0.02560997	0.017365343
ENSG00000029725	0.040713663	0.030366325	0.032746872	0.028475261
ENSG00000114923	0.018248385	0.025759978	0.026689493	0.016873007
ENSG00000106538	0.135672322	0.097116431	0.0732806	0.094929344
ENSG00000145014	0.051290741	0.046802565	0.053296091	0.052768631
ENSG00000170893	0.015712264	0.025227216	0.025090408	0.015248005
ENSG00000137824	0.023269929	0.03018522	0.029639104	0.020712521
ENSG00000178096	0.038817294	0.040610249	0.03752214	0.030309304
ENSG00000104915	0.024602036	0.030032795	0.031384452	0.03181753
ENSG00000038274	0.029660246	0.034483374	0.038714915	0.026860663
ENSG00000102001	0.021722561	0.032528448	0.028996225	0.020163175
ENSG00000127377	0.01645105	0.024841819	0.02502151	0.016459643
ENSG00000176153	0.014797971	0.024651038	0.024756579	0.014317732
ENSG00000099949	0.026018796	0.037807761	0.031370456	0.029312913
ENSG00000111880	0.04854555	0.046256581	0.042280988	0.040817915
ENSG00000075461	0.017067819	0.024749755	0.025279597	0.01582189
ENSG00000054983	0.045346105	0.041059728	0.036179259	0.034379419
ENSG00000198356	0.026824533	0.032569742	0.029951493	0.027294798
ENSG00000198689	0.034843277	0.041245294	0.035904989	0.028851421
ENSG00000130844	0.043485539	0.063345634	0.051094084	0.031948598
ENSG00000104897	0.023409865	0.028510779	0.029471008	0.023002376
ENSG00000137875	0.074774997	0.05316748	0.048279925	0.052752767
ENSG00000183831	0.017990942	0.025413346	0.026877716	0.017563351
ENSG00000185352	0.014944334	0.024379556	0.025716738	0.015385414
ENSG00000109576	0.016697062	0.024293056	0.024418063	0.016081584

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ENSG00000169900	0.015143021	0.025427679	0.024957966	0.014574296
ENSG00000143556	0.020951905	0.028578342	0.027544856	0.019249874
ENSG00000183762	0.01753937	0.026127531	0.026521057	0.015974338
ENSG00000136536	0.035343288	0.045746504	0.03939003	0.04286444
ENSG00000176239	0.0165799	0.025125996	0.025905691	0.015536243
ENSG00000158050	0.051312922	0.037478883	0.039966071	0.042189709
ENSG00000186496	0.016836171	0.025282862	0.025372046	0.016866176
ENSG00000140396	0.020111055	0.027817196	0.027718137	0.01921957
ENSG00000169403	0.089234978	0.072241684	0.055301288	0.07141188
ENSG00000176095	0.025400233	0.033502318	0.03376588	0.026291233
ENSG00000131067	0.017215731	0.025822359	0.024958233	0.016854358
ENSG00000180098	0.02232647	0.028466202	0.026981229	0.017132016
ENSG00000229361	0.015991899	0.026433855	0.0248865	0.016056791
ENSG00000132768	0.031065747	0.032377056	0.031974089	0.033025098
ENSG00000198842	0.01683254	0.025079181	0.025052992	0.015593169
ENSG00000108039	0.02714617	0.030536683	0.030262642	0.020817574
ENSG00000198885	0.01945732	0.025183778	0.02860192	0.018613971
ENSG00000144120	0.025196985	0.028167612	0.027678954	0.021685041
ENSG00000110274	0.02832081	0.034600692	0.03026587	0.024839815
ENSG00000099942	0.023576469	0.030785107	0.030855391	0.019329612
ENSG00000158406	0.059614787	0.052248211	0.042448711	0.04516011
ENSG00000177432	0.032826381	0.033398521	0.034213563	0.033696891
ENSG00000169598	0.031307295	0.034275431	0.034200246	0.026375088
ENSG00000163214	0.015979067	0.025738029	0.02400864	0.015098257
ENSG00000143815	0.015278556	0.025161279	0.024297448	0.01568271
ENSG00000175216	0.02806412	0.035402264	0.02878568	0.022043995
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ENSG00000171403	0.015545443	0.024737264	0.025536484	0.015188597
ENSG00000135074	0.099470894	0.090578582	0.070692506	0.094987774
ENSG00000167272	0.036788307	0.036396629	0.035718464	0.032841458
ENSG00000140983	0.024493497	0.030503011	0.029556484	0.020199223
ENSG00000176407	0.021764396	0.028245129	0.026466015	0.017533454
ENSG00000109680	0.029367078	0.038090455	0.029291863	0.025244562
ENSG00000104299	0.02542154	0.033702805	0.033677148	0.030217583
ENSG00000140835	0.076117356	0.067857194	0.049916483	0.04914639
ENSG00000006194	0.029012119	0.041237106	0.044570042	0.024136306
ENSG00000019102	0.019440075	0.026941261	0.026301676	0.017266731
ENSG00000173660	0.027256706	0.027786927	0.027809817	0.020316333
ENSG00000105954	0.014320091	0.024554095	0.025463433	0.016212197
ENSG00000158014	0.015208723	0.025184967	0.025048919	0.01521277
ENSG00000130640	0.026726474	0.031091863	0.032379998	0.022343375
ENSG00000131697	0.043166084	0.04598499	0.041357021	0.031470479
ENSG00000147010	0.029288503	0.028339251	0.03170193	0.0233631
ENSG00000139133	0.026725599	0.033391624	0.031965652	0.022523657
ENSG00000158042	0.030018816	0.029430934	0.034445927	0.021677985
ENSG00000178773	0.089523556	0.058661559	0.047924713	0.059481502
ENSG00000160551	0.026674559	0.034211992	0.033656098	0.036287846
ENSG00000177917	0.04499026	0.043426003	0.035613184	0.030042618
ENSG00000135363	0.104379918	0.094099747	0.101564015	0.111392024
ENSG00000185087	0.017224064	0.025032414	0.025803151	0.018219786
ENSG00000187837	0.066367814	0.07313054	0.068866781	0.0642724
ENSG00000136750	0.020285125	0.025868532	0.027576773	0.019426568
ENSG00000174844	0.01470137	0.024758763	0.025295525	0.014971218

ENSG00000170145	0.016218168	0.025537024	0.024690884	0.01527739
ENSG00000079462	0.039260215	0.037041859	0.033701935	0.029492928
ENSG00000197408	0.016827172	0.025581093	0.024512522	0.018041164
ENSG00000159348	0.030471446	0.031337287	0.037285779	0.024032633
ENSG00000126947	0.099520655	0.058026857	0.058992266	0.054162502
ENSG00000120458	0.03182928	0.040462555	0.035212016	0.029820585
ENSG00000011132	0.027654394	0.028103934	0.033678383	0.030037126
ENSG00000109943	0.024223019	0.025225691	0.026346615	0.016483375
ENSG00000072133	0.022846311	0.027000913	0.026265409	0.019925646
ENSG00000111490	0.093158775	0.050692971	0.026838693	0.045845966
ENSG00000162591	0.067567242	0.058415122	0.059315753	0.060834492
ENSG00000134986	0.062251969	0.049254882	0.050113496	0.051982778
ENSG00000109832	0.018814945	0.025449317	0.024350572	0.016544676
ENSG00000166819	0.01488791	0.02533628	0.024042815	0.014763062
ENSG00000111536	0.020423438	0.0262282	0.027977404	0.017865983
ENSG00000023330	0.033471184	0.034849409	0.031861448	0.026374279
ENSG00000156096	0.015877783	0.024730743	0.026160375	0.01656492
ENSG00000130208	0.084542293	0.059039656	0.054854448	0.061985142
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ENSG00000159197	0.017611779	0.025609633	0.025444216	0.016559887
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ENSG00000118194	0.01583933	0.02542114	0.024723134	0.015298538
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ENSG00000158373	0.065578993	0.066402533	0.054722253	0.062831911
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ENSG00000120820	0.016224719	0.024839255	0.025778888	0.014376783
ENSG00000172774	0.01534113	0.025466113	0.02469061	0.014742756
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ENSG00000070756	0.014976136	0.024331382	0.025127443	0.014698083
ENSG00000164171	0.017114839	0.025566173	0.02418892	0.015740794
ENSG00000003436	0.028053552	0.026645013	0.024819573	0.016110312
ENSG00000150995	0.04667243	0.042634048	0.036175816	0.040706867
ENSG00000175110	0.031183075	0.030255094	0.030488563	0.021782515
ENSG00000161682	0.017839225	0.024087126	0.024910966	0.015327457
ENSG00000214897	0.035324584	0.04121915	0.03309336	0.034782399
ENSG00000101079	0.034355464	0.038483823	0.034975899	0.031154719
ENSG00000182901	0.016273721	0.024756735	0.024210715	0.015575778
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ENSG00000131435	0.015694421	0.026239755	0.024476997	0.015207661
ENSG00000150594	0.017898258	0.026223364	0.024851126	0.015860997
ENSG00000136810	0.022447291	0.027433487	0.026294032	0.017841177
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ENSG00000089163	0.030142059	0.037030669	0.035825485	0.025725476
ENSG00000087502	0.02972973	0.033082033	0.031839083	0.024143989
ENSG00000134438	0.017537175	0.027782431	0.025912937	0.016941459
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ENSG00000157881	0.025813616	0.03188177	0.031390276	0.022320736
ENSG00000239713	0.032959501	0.03408833	0.034006856	0.028095835
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ENSG00000153046	0.0162478	0.024376284	0.026560728	0.015467776
ENSG00000076201	0.026292407	0.029105792	0.043649539	0.030866505
ENSG00000183891	0.040498603	0.051030684	0.049368072	0.035242687
ENSG00000160991	0.043213463	0.041008844	0.053555783	0.041894191
ENSG00000009694	0.01600888	0.025241916	0.025596228	0.015799815
ENSG00000197771	0.039005403	0.033274231	0.030610475	0.033958531
ENSG00000150977	0.034268714	0.034677464	0.034210977	0.033411243
ENSG00000168488	0.022986408	0.041613094	0.042552107	0.042776477
ENSG00000165819	0.03615418	0.036430598	0.031482229	0.023516667
ENSG00000132693	0.015995444	0.025540898	0.02552797	0.015602074
ENSG00000101413	0.01754737	0.024433247	0.025102407	0.015784107
ENSG00000162433	0.02312745	0.031766355	0.030990035	0.024925848
ENSG00000185811	0.068294395	0.068902077	0.089576286	0.071363582
ENSG00000185818	0.016069547	0.025316584	0.025915272	0.014570289
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ENSG00000178473	0.014847398	0.02509529	0.024987283	0.014741529
ENSG00000114124	0.015823936	0.025582987	0.024704331	0.01678269
ENSG00000076242	0.035891629	0.036667932	0.030028918	0.025594082
ENSG00000215114	0.019935167	0.027852255	0.027026262	0.018834701
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ENSG00000197444	0.07023563	0.04370421	0.048387271	0.033628697
ENSG00000214274	0.054174439	0.041565628	0.050588972	0.047964487
ENSG00000237190	0.017421371	0.026395673	0.024935597	0.018220587
ENSG00000165591	0.036102725	0.032887626	0.032227544	0.030155439
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ENSG00000213390	0.017980235	0.025934202	0.025115686	0.016489374
ENSG00000116750	0.028624238	0.034138515	0.028863407	0.027430819
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ENSG00000105996	0.027560629	0.031586724	0.040592435	0.022762303
ENSG00000189159	0.027208869	0.03064209	0.02878275	0.024739042
ENSG00000156876	0.036814151	0.034066258	0.033457218	0.037589306
ENSG00000137642	0.039273834	0.050560952	0.042858307	0.057002403
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ENSG00000232382	0.016143854	0.025868014	0.02428446	0.015393454
ENSG00000114978	0.035943975	0.042127746	0.036523065	0.052108028
ENSG00000170837	0.016544205	0.02558181	0.025271599	0.016828025
ENSG00000198477	0.067556043	0.050897984	0.054426723	0.048102337
ENSG00000149547	0.030695883	0.03205208	0.032214241	0.029642281
ENSG00000130479	0.02420887	0.035082023	0.044574246	0.026167066
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ENSG00000170412	0.10583769	0.066405646	0.058906339	0.075429992
ENSG00000177932	0.017042822	0.02711748	0.025884641	0.016722529
ENSG00000204388	0.067235338	0.040138727	0.050859649	0.052437886
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ENSG00000103449	0.016257612	0.026275524	0.025187138	0.017216133
ENSG00000144230	0.015695878	0.025290898	0.025103788	0.015558695

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ENSG00000005513	0.016882646	0.026419826	0.026327771	0.014474932
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ENSG00000116641	0.037318444	0.044278118	0.032905644	0.034063589
ENSG00000183671	0.029808062	0.031672934	0.031098998	0.029201643
ENSG00000197859	0.044553145	0.03470295	0.029669291	0.027810313
ENSG00000171659	0.076633249	0.039041161	0.031780259	0.043119664
ENSG00000171169	0.022058025	0.026428959	0.026897065	0.017966125
ENSG00000065911	0.029873618	0.03135657	0.028560875	0.02769211
ENSG00000115107	0.018139033	0.025369599	0.025275706	0.016917428
ENSG00000128039	0.032984801	0.033274819	0.03316112	0.038727184
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ENSG00000165410	0.019146336	0.027043249	0.02496234	0.017068711
ENSG00000012223	0.017480837	0.024991132	0.025324862	0.026954628
ENSG00000083223	0.029046898	0.037599915	0.035716466	0.029294469
ENSG00000145936	0.086557254	0.103411122	0.090205509	0.098758933
ENSG00000169519	0.05192666	0.077164455	0.070311445	0.07209653
ENSG00000110851	0.032453617	0.043280099	0.041474887	0.029856834
ENSG00000116489	0.024736975	0.032042298	0.030360003	0.02930262
ENSG00000183354	0.028835507	0.034342133	0.035443333	0.026710728
ENSG00000085063	0.03240507	0.032259678	0.031670631	0.027359374
ENSG00000146285	0.01672057	0.025017221	0.024397953	0.016232011
ENSG00000196670	0.031407079	0.035196787	0.032308489	0.025810179
ENSG00000170946	0.031271602	0.036661516	0.031515722	0.026302102
ENSG00000138308	0.015641081	0.024918486	0.024777176	0.015843153
ENSG00000175106	0.018397955	0.0254816	0.026090418	0.017841856
ENSG00000127074	0.167543334	0.086822829	0.066400066	0.135156929
ENSG00000238023	0.017722099	0.025115611	0.024381269	0.016593818
ENSG00000075239	0.030956983	0.034513253	0.031298293	0.022603973
ENSG00000183632	0.028098252	0.056384083	0.04004436	0.031271284
ENSG00000177138	0.016175223	0.026976334	0.025009585	0.015050046
ENSG00000090920	0.046260281	0.056499951	0.054565163	0.048233319
ENSG00000147548	0.033481096	0.036408362	0.035546311	0.028592549
ENSG00000123358	0.01620504	0.026477753	0.025568909	0.016067256
ENSG00000100312	0.015914389	0.026385289	0.025517303	0.015215826
ENSG00000106554	0.02627771	0.030021929	0.028150953	0.024510332
ENSG00000084674	0.015237926	0.024214729	0.024863996	0.015041339
ENSG00000119689	0.023100674	0.031821335	0.036105284	0.02656267
ENSG00000146834	0.037475353	0.034268305	0.041823957	0.030839995
ENSG00000129991	0.017745748	0.024331582	0.025539713	0.019166335
ENSG00000163751	0.01687079	0.025511943	0.025387783	0.01564725
ENSG00000072778	0.025452714	0.030105133	0.028635912	0.02232063
ENSG00000144455	0.034708296	0.034249867	0.031855431	0.035885783
ENSG00000162722	0.027921411	0.029168262	0.030063443	0.024242378
ENSG00000158793	0.034148915	0.033755293	0.029924168	0.023820468
ENSG00000138131	0.042490376	0.036576976	0.034311561	0.030055728
ENSG00000144741	0.02368893	0.030426505	0.02958091	0.02305515
ENSG00000106331	0.014729258	0.025723006	0.024694816	0.014961879
ENSG00000165584	0.017180569	0.025814462	0.025370486	0.017981781
ENSG00000105732	0.027459775	0.030998212	0.03639603	0.030013691
ENSG00000168785	0.036541497	0.034862503	0.028699107	0.028851885
ENSG00000122691	0.015435834	0.024063864	0.024269828	0.014725779
ENSG00000137675	0.01460821	0.025888004	0.024487318	0.015811002

ENSG00000101928	0.026132938	0.033391844	0.033260452	0.021415999
ENSG00000124602	0.020498252	0.02662319	0.027257685	0.024082621
ENSG00000163694	0.038222491	0.035195578	0.03560638	0.033576021
ENSG00000231500	0.015249804	0.0238596	0.023789199	0.015581297
ENSG00000179133	0.01574662	0.025153395	0.024290295	0.015037806
ENSG00000125459	0.040149843	0.036472879	0.039386672	0.037132693
ENSG00000134815	0.033039683	0.038305853	0.029132639	0.026517582
ENSG00000168286	0.024694773	0.031258529	0.02805423	0.020158666
ENSG00000164113	0.015040074	0.025510284	0.024770633	0.014287592
ENSG00000134077	0.030092027	0.034380591	0.028657566	0.022915945
ENSG00000090316	0.025382448	0.032299751	0.030536082	0.027463925
ENSG00000169340	0.017012215	0.024875777	0.024412419	0.015585007
ENSG00000189409	0.05540893	0.060343224	0.060809666	0.04434409
ENSG00000169258	0.027900059	0.026067455	0.028259559	0.027385361
ENSG00000072071	0.017911106	0.025560475	0.026410023	0.017821339
ENSG00000188676	0.019947253	0.027530683	0.025819827	0.023515647
ENSG00000116679	0.056129567	0.04627864	0.038738246	0.03988234
ENSG00000163220	0.031099665	0.025602143	0.027099547	0.030585973
ENSG00000187094	0.03739009	0.040977503	0.025814859	0.017344762
ENSG00000160505	0.080286526	0.050573821	0.075220184	0.080280565
ENSG00000186143	0.015984982	0.024160275	0.024804254	0.015043487
ENSG00000143382	0.017795787	0.02580404	0.025878131	0.016008622
ENSG00000103528	0.058421554	0.04970631	0.044954194	0.04643822
ENSG00000214946	0.016646884	0.024092588	0.025279088	0.014761911
ENSG00000049249	0.063448193	0.055837487	0.046817552	0.058608486
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ENSG00000144233	0.031276106	0.041567444	0.038087602	0.026870021
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ENSG00000057149	0.015420564	0.024984317	0.025190776	0.014997665
ENSG00000126267	0.018279117	0.025459397	0.024924747	0.015186694
ENSG00000163884	0.016291105	0.024706605	0.024766969	0.015294826
ENSG00000163072	0.015436374	0.024803465	0.025832214	0.015460476
ENSG00000120899	0.03777326	0.034096763	0.035086042	0.029611716
ENSG00000124313	0.018015369	0.026576838	0.02547686	0.018729479
ENSG00000123569	0.016392	0.024972447	0.024485975	0.015247421
ENSG00000067596	0.020802109	0.029490044	0.031873752	0.023123225
ENSG00000163945	0.028361339	0.038961221	0.032714543	0.023333035
ENSG00000080802	0.026106658	0.032125435	0.03125865	0.023007131
ENSG00000103351	0.030156281	0.028211929	0.027072599	0.020643865
ENSG00000182880	0.016899545	0.025769189	0.024379909	0.015679045
ENSG00000175073	0.033628542	0.0407002	0.033063117	0.030815131
ENSG00000144354	0.055541873	0.054591987	0.048789382	0.054496675
ENSG00000147655	0.016342196	0.025561789	0.025486861	0.015340841
ENSG00000138759	0.018248701	0.025274262	0.026098405	0.017161924
ENSG00000181472	0.032676223	0.035050667	0.039361642	0.026980961
ENSG00000172889	0.033026343	0.032993705	0.030687969	0.030491748
ENSG00000157429	0.016250344	0.026720419	0.025367105	0.017121129
ENSG00000164683	0.104301353	0.086048319	0.095320901	0.104783007
ENSG00000180104	0.024609758	0.02862215	0.029937257	0.020987955
ENSG00000134709	0.083391472	0.062312513	0.057235645	0.070830018
ENSG00000144834	0.022620547	0.033651971	0.026476412	0.019002955
ENSG00000101109	0.021557328	0.026551841	0.029348376	0.020651219
ENSG00000117407	0.018258043	0.024454789	0.026838711	0.015922906
ENSG00000164983	0.068195323	0.06225246	0.048429025	0.053018724

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ENSG00000100478	0.01511918	0.024024539	0.024886305	0.014517219
ENSG00000161914	0.02951972	0.036369038	0.034700006	0.026171384
ENSG00000141316	0.039434164	0.029446013	0.026337618	0.028018058
ENSG00000162521	0.025976214	0.033645248	0.030232161	0.02425743
ENSG00000183049	0.025249437	0.03005613	0.032107743	0.024206895
ENSG00000164128	0.018075082	0.025452262	0.024720899	0.015687401
ENSG00000104371	0.034386786	0.031589232	0.027522114	0.026080694
ENSG00000140526	0.021076359	0.028826777	0.026569253	0.019177324
ENSG00000169856	0.016518861	0.024974401	0.025564284	0.016109723
ENSG00000109193	0.017604698	0.026490251	0.024894619	0.015559978
ENSG00000119574	0.028725926	0.032835702	0.036471229	0.029301333
ENSG00000185532	0.017494503	0.027051305	0.026023216	0.016965573
ENSG00000176101	0.021578751	0.02764653	0.026844945	0.022570199
ENSG00000184108	0.015913239	0.025282432	0.025922701	0.016634546
ENSG00000124702	0.029932143	0.035744535	0.029587352	0.026363553
ENSG00000125968	0.020012125	0.026141165	0.027022174	0.019177502
ENSG00000099260	0.015215605	0.025107264	0.025610807	0.014496639
ENSG00000120210	0.015715664	0.025857591	0.024895692	0.015347732
ENSG00000183853	0.020524337	0.026403186	0.026787083	0.021357074
ENSG00000175573	0.02830433	0.030416655	0.030189238	0.027002557
ENSG00000165061	0.015505447	0.025596816	0.025647535	0.014723121
ENSG00000204022	0.018455699	0.025408081	0.025781305	0.018035075
ENSG00000066379	0.025352682	0.032672308	0.036331509	0.029262943
ENSG00000184349	0.018513787	0.026161487	0.024928869	0.015768665
ENSG00000189043	0.017380952	0.025690491	0.02486755	0.018008091
ENSG00000243137	0.0153471	0.025819606	0.024756614	0.016060735
ENSG00000166803	0.043242269	0.036681913	0.030262736	0.026507493
ENSG00000167889	0.016069113	0.026316159	0.024506658	0.016636493
ENSG00000114315	0.040641876	0.033629495	0.034921863	0.039599713
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ENSG00000013563	0.039037073	0.033730039	0.034220593	0.03195059
ENSG00000125304	0.026268195	0.033735489	0.031784474	0.026565805
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ENSG00000126934	0.024627305	0.026931998	0.027389111	0.025690528
ENSG00000130300	0.026080756	0.036854118	0.028424619	0.029393418
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ENSG00000181773	0.027761475	0.028830949	0.027393368	0.020354404
ENSG00000123427	0.051396652	0.041232859	0.044445355	0.040029196
ENSG00000132958	0.021136697	0.025518147	0.026268813	0.019015123
ENSG00000104142	0.023973111	0.044106707	0.045552825	0.031932921
ENSG00000147536	0.046934927	0.045745227	0.035027638	0.036719236
ENSG00000176884	0.077524211	0.065165002	0.057350759	0.076766071
ENSG00000138336	0.016963382	0.024532083	0.025337574	0.015409749
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ENSG00000187010	0.015265824	0.024838692	0.025366596	0.015285755
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ENSG00000127022	0.021246709	0.027696387	0.026242048	0.020276964
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ENSG00000095066	0.021765511	0.028265135	0.026509393	0.02499106
ENSG00000180340	0.042402398	0.044402334	0.037411958	0.047098277
ENSG00000130935	0.028692535	0.032181022	0.030206409	0.028298497
ENSG00000075340	0.015955444	0.025525418	0.026733368	0.016669227
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ENSG00000112038	0.017434439	0.024603039	0.026312519	0.016335185
ENSG00000130307	0.016209365	0.025858349	0.025537201	0.016563969
ENSG00000177868	0.033620268	0.033668459	0.034775931	0.027887583
ENSG00000140743	0.035084304	0.040821118	0.041202475	0.031329253
ENSG00000113296	0.016522325	0.025412925	0.025354249	0.014787658
ENSG00000184347	0.015465252	0.025351682	0.024229626	0.014534325
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ENSG00000162779	0.016376369	0.025024862	0.024133526	0.017248356
ENSG00000140284	0.04115485	0.039215206	0.038772828	0.032802244
ENSG00000168140	0.021554869	0.030563764	0.027745139	0.024097081
ENSG00000175264	0.016161086	0.02533498	0.026426618	0.014656919
ENSG00000240386	0.066937828	0.036796013	0.030789203	0.041723983
ENSG00000144021	0.025995288	0.029953078	0.030334942	0.019559556
ENSG00000182508	0.021494727	0.029994892	0.028262513	0.02126922
ENSG00000091409	0.016081111	0.024855411	0.02534083	0.015400404
ENSG00000117525	0.016924248	0.02549516	0.025679925	0.016584645
ENSG00000182253	0.06666748	0.075045164	0.067368691	0.060514461
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ENSG00000067646	0.070227235	0.065465019	0.062442952	0.052315394
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ENSG00000185774	0.015356052	0.024645824	0.025558058	0.015381301
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ENSG00000111424	0.085915616	0.069423929	0.071987099	0.085724437
ENSG00000120334	0.058119425	0.078389139	0.071156943	0.050766578
ENSG00000128886	0.05771737	0.061434678	0.061636082	0.059163175
ENSG00000147316	0.024915701	0.032113969	0.030956668	0.030820909
ENSG00000103742	0.042239854	0.038366587	0.028883008	0.028033806
ENSG00000157087	0.01793203	0.02468593	0.025900327	0.016304732
ENSG00000134324	0.048018201	0.051882941	0.050063255	0.050219487
ENSG00000138363	0.027549214	0.030549416	0.029088398	0.02548412
ENSG00000120215	0.015082028	0.025477897	0.02568971	0.015435114
ENSG00000167447	0.024283323	0.030518844	0.031902795	0.020283492
ENSG00000135218	0.054082955	0.025621242	0.024371168	0.016214151
ENSG00000120645	0.016462877	0.024647785	0.025132762	0.015690185
ENSG00000159164	0.044851868	0.041620493	0.037498452	0.041745123
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ENSG00000176971	0.01625593	0.025435531	0.025522012	0.014604051
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ENSG00000187650	0.013076892	0.023329564	0.023787117	0.013394331
ENSG00000125970	0.022621652	0.026029321	0.030747652	0.022057843
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ENSG00000196456	0.037168466	0.043221692	0.038028314	0.037781056
ENSG00000141294	0.023091686	0.027602873	0.027641384	0.020858858
ENSG00000197584	0.039345829	0.029427763	0.030544802	0.022093424
ENSG00000149089	0.037325131	0.045992567	0.039693528	0.030055432
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ENSG00000204246	0.015635701	0.024370652	0.025360882	0.014650682
ENSG00000145675	0.021328036	0.025636038	0.024720342	0.02026979
ENSG00000070761	0.032921221	0.033811898	0.035147057	0.032007085
ENSG00000110218	0.033190057	0.039427213	0.042906708	0.031182457
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ENSG00000152382	0.030727302	0.036057287	0.030127139	0.027664521
ENSG00000157093	0.01630103	0.025585558	0.025569033	0.015336561
ENSG00000135406	0.024023414	0.026384527	0.027321352	0.01664132
ENSG00000233816	0.016689083	0.025444079	0.025947153	0.019038118
ENSG00000104888	0.016402476	0.025383107	0.025113525	0.016337288
ENSG00000166924	0.017929976	0.024971102	0.025247643	0.017460799
ENSG00000126337	0.016369274	0.024668666	0.024482236	0.014991951
ENSG00000160094	0.062183123	0.060345907	0.053453634	0.0643956
ENSG00000181092	0.015377516	0.025608132	0.025514942	0.0161869
ENSG00000123983	0.049098471	0.042465911	0.036521616	0.034462482
ENSG00000164902	0.027880029	0.030876554	0.032746184	0.028453337
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ENSG00000168792	0.045116165	0.045449877	0.037927737	0.038648832
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ENSG00000198933	0.025797655	0.031890595	0.031399662	0.035258121
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ENSG00000171135	0.027048082	0.042779495	0.042398613	0.030057346
ENSG00000155636	0.034854394	0.039379833	0.035659835	0.033422217
ENSG00000174740	0.017257138	0.025551747	0.025308544	0.015754702
ENSG00000142002	0.023877703	0.031251708	0.032450663	0.027359244
ENSG00000125879	0.015373629	0.024548444	0.024300959	0.015038959
ENSG00000221882	0.021299036	0.024373401	0.025876183	0.016034423
ENSG00000164244	0.026190711	0.035721657	0.033734233	0.029290228
ENSG00000163623	0.016902908	0.026389292	0.027054554	0.017257428
ENSG00000168263	0.018761002	0.026154451	0.025997231	0.01651485
ENSG00000130818	0.03054145	0.039529213	0.039621687	0.027055068
ENSG00000163659	0.041317435	0.040289107	0.034527992	0.032181666
ENSG00000170786	0.015550851	0.024741118	0.025027765	0.015210132
ENSG00000181610	0.022782642	0.028643171	0.02744901	0.02105902

ENSG00000147121	0.024900396	0.031720356	0.02820607	0.023697508
ENSG00000092140	0.025560909	0.027883061	0.029110582	0.021733927
ENSG00000183486	0.044739289	0.044349617	0.047811946	0.059667233
ENSG00000142197	0.03485508	0.039531263	0.037161236	0.031722512
ENSG00000108953	0.022362032	0.027496541	0.033567597	0.023994334
ENSG00000139970	0.017738414	0.025538608	0.025402686	0.015392084
ENSG00000168314	0.015749001	0.024718937	0.024914982	0.014771633
ENSG00000180228	0.026697065	0.030408905	0.034339996	0.03042511
ENSG00000183718	0.015640804	0.025280131	0.02543117	0.016734138
ENSG00000147099	0.025400024	0.033584418	0.029551268	0.0293339
ENSG00000123737	0.028821335	0.032648122	0.033257049	0.02535332
ENSG00000171720	0.026884038	0.029243325	0.028567465	0.022178662
ENSG00000165650	0.04290875	0.040530951	0.040591743	0.033463907
ENSG00000186019	0.016646672	0.025459409	0.025325983	0.01712135
ENSG00000122550	0.036418096	0.045227918	0.035318564	0.035236334
ENSG00000157514	0.01945941	0.027967563	0.025990674	0.021645424
ENSG00000160326	0.039262013	0.038644722	0.036994975	0.048343609
ENSG00000188987	0.059006871	0.042055183	0.035380839	0.056872812
ENSG00000164303	0.02251827	0.030968544	0.026182856	0.026768141
ENSG0000004468	0.124077986	0.074646816	0.07263905	0.07652104
ENSG00000067141	0.022510594	0.035540788	0.025632463	0.020159965
ENSG00000180745	0.049365287	0.025749271	0.024636534	0.014953467
ENSG00000160072	0.028972992	0.027801954	0.030089034	0.026147073
ENSG00000099377	0.022659959	0.028322587	0.026159736	0.022294473
ENSG00000100813	0.023868989	0.030648275	0.03424216	0.023693771
ENSG0000004142	0.028668317	0.034238073	0.031619956	0.027180252
ENSG00000203880	0.038247568	0.041865917	0.036042926	0.027109591
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ENSG00000166801	0.031651276	0.036323844	0.03370765	0.027132241
ENSG00000132000	0.017145409	0.024913389	0.025066491	0.016149205
ENSG00000047662	0.016331651	0.025374243	0.024664172	0.016418942
ENSG00000163399	0.028099856	0.031105077	0.028982394	0.025872751
ENSG00000102401	0.01500451	0.025775985	0.024694159	0.015466504
ENSG00000178809	0.050211237	0.040618035	0.037302617	0.039260504
ENSG00000116251	0.022337163	0.030562225	0.027439639	0.021507294
ENSG00000243910	0.020381338	0.024858849	0.024533727	0.016107683
ENSG00000197919	0.017683862	0.029205675	0.025596813	0.018935549
ENSG00000138380	0.018747304	0.029722405	0.027161869	0.01707064
ENSG00000164088	0.040443622	0.033781282	0.034846737	0.033032718
ENSG00000165669	0.020128007	0.027999015	0.027067535	0.017725877
ENSG00000135333	0.017651437	0.02501656	0.024591038	0.016697014
ENSG00000122859	0.016285023	0.026352778	0.026290943	0.01579866
ENSG00000100207	0.018155045	0.025398811	0.027622167	0.015283659
ENSG00000144306	0.01834383	0.026288153	0.025291203	0.017759809
ENSG00000242019	0.018495943	0.027629921	0.026690692	0.017010574
ENSG00000157005	0.017033162	0.024216432	0.025420683	0.01578743
ENSG00000130348	0.04219094	0.039850041	0.034309581	0.028071787
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ENSG00000187079	0.016481943	0.024939954	0.024774714	0.017072008
ENSG00000019144	0.015495194	0.025849941	0.025073685	0.016486472
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ENSG00000108370	0.016752037	0.025387383	0.025707544	0.014627514
ENSG00000176919	0.015721764	0.025474313	0.025143543	0.015620045
ENSG00000189266	0.023114451	0.031207278	0.030843614	0.021611553
ENSG00000150938	0.06656242	0.047795191	0.043157304	0.045348693
ENSG00000168297	0.038281794	0.041667817	0.04018422	0.033592223
ENSG00000177692	0.015580826	0.026326074	0.025787387	0.016087645
ENSG00000143222	0.021755089	0.02853916	0.027849191	0.017759265
ENSG00000165458	0.029873451	0.031182686	0.032667799	0.031632079
ENSG00000128694	0.040526064	0.049913191	0.036001939	0.036421262
ENSG00000168939	0.015024533	0.025859893	0.025227159	0.015982673
ENSG00000177468	0.016479491	0.037430175	0.025134465	0.021050598
ENSG00000162891	0.01646731	0.0263735	0.026249222	0.017328619
ENSG00000153015	0.032255047	0.035690863	0.030235359	0.024451146
ENSG00000119711	0.033340513	0.038639809	0.038116376	0.030635136
ENSG00000165698	0.026838841	0.029540646	0.030862848	0.024556637
ENSG00000239697	0.060707419	0.061426544	0.046262136	0.054750983
ENSG00000136021	0.037753332	0.039375139	0.040776732	0.04802203
ENSG00000166634	0.018383509	0.028551087	0.026920453	0.018125374
ENSG00000134594	0.048916671	0.040044362	0.036914414	0.030821117
ENSG00000079313	0.023232709	0.036212506	0.045265888	0.029393883
ENSG00000101940	0.021552455	0.028823195	0.031794336	0.020537248
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ENSG00000196371	0.071127948	0.064202973	0.060574984	0.067337533
ENSG00000187862	0.027079866	0.028034318	0.027776455	0.024449515
ENSG00000168757	0.01637858	0.024170984	0.024639478	0.015986263
ENSG00000149809	0.046128461	0.040139721	0.031062563	0.036609992
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ENSG00000007392	0.044223889	0.043519374	0.044629821	0.03464995
ENSG00000142327	0.025591221	0.028236453	0.03262023	0.024118172
ENSG00000095209	0.041738855	0.037969294	0.042323966	0.034019611
ENSG00000163964	0.023921553	0.030703908	0.030044183	0.027146964
ENSG00000141959	0.026972812	0.033153796	0.031534243	0.026032086
ENSG00000113460	0.026941616	0.029932354	0.032342783	0.029091907
ENSG00000147027	0.015139367	0.025136292	0.025597264	0.015997993
ENSG00000105852	0.031838138	0.027050213	0.025312216	0.016066055
ENSG00000131730	0.016115711	0.025467368	0.024395341	0.016593516
ENSG00000165192	0.016409491	0.025470099	0.024946482	0.015375521
ENSG00000177191	0.019648693	0.029843332	0.026581277	0.017838712
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ENSG00000134812	0.01707218	0.025676829	0.024745556	0.01584369
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ENSG00000169752	0.088004458	0.040180133	0.031049403	0.044526203
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ENSG00000138785	0.023739899	0.032434817	0.033582217	0.021212122
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ENSG00000163599	0.016799366	0.027647372	0.026348919	0.017800772
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ENSG00000188069	0.01675212	0.026311704	0.025583388	0.01776294
ENSG00000116209	0.029310137	0.031983598	0.032142367	0.020184336
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ENSG00000162222	0.027937441	0.034994744	0.032319926	0.023729128
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ENSG00000106603	0.037471342	0.032908671	0.037023363	0.035521499
ENSG00000133422	0.036368469	0.041059947	0.034650872	0.029663046
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ENSG00000139146	0.027525488	0.03174131	0.030924804	0.026771719
ENSG00000135387	0.015813586	0.025561752	0.025335377	0.016467833
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ENSG00000160201	0.023628658	0.028945339	0.028554583	0.023125018
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ENSG00000164949	0.019030067	0.02522333	0.024912949	0.017969302
ENSG00000182022	0.047806002	0.051937565	0.057124012	0.060372655
ENSG00000169777	0.014869968	0.024182462	0.025689363	0.014896924
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ENSG00000113209	0.015673703	0.024169355	0.024601305	0.014829289
ENSG00000239789	0.027848406	0.030246073	0.030164384	0.024414578
ENSG00000162783	0.025161118	0.030824935	0.03285943	0.025983479
ENSG00000114771	0.014601696	0.024371889	0.025768134	0.015216904
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ENSG00000198026	0.02379985	0.029319509	0.028529659	0.020085102
ENSG00000078061	0.022786909	0.029508108	0.036048162	0.022752226
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ENSG00000163820	0.038949047	0.03636021	0.031569697	0.029396758
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ENSG00000075790	0.035103649	0.039138934	0.039380847	0.034320162
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ENSG00000089248	0.03350145	0.031795708	0.034424381	0.029842413
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ENSG00000076108	0.016564324	0.025430648	0.025989861	0.015794649
ENSG00000204304	0.023875728	0.029465253	0.030822485	0.024703673
ENSG00000197070	0.028232215	0.037002905	0.040076145	0.031239294
ENSG00000127526	0.024460375	0.028999273	0.030492672	0.028042517
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ENSG00000186960	0.025850569	0.023655092	0.023639175	0.01307655
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ENSG00000148308	0.0260606	0.032809397	0.032090496	0.021447258
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ENSG00000168386	0.069603873	0.073536196	0.053608528	0.048685856
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ENSG00000175309	0.023168387	0.030752481	0.031621557	0.035513292
ENSG00000124374	0.034495866	0.037183758	0.030702124	0.031276253
ENSG00000214435	0.082839969	0.079438033	0.057469276	0.07453483
ENSG00000173473	0.0227267	0.031869108	0.029260793	0.020876906
ENSG00000140307	0.020978045	0.02937284	0.030285995	0.02150825
ENSG00000102683	0.017904904	0.026719734	0.026119886	0.01800842
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ENSG00000198513	0.019248163	0.025573129	0.025385261	0.019065801

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ENSG00000089006	0.040920574	0.047417427	0.037205852	0.048518103
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ENSG00000175787	0.015201237	0.026704602	0.024621276	0.014608607
ENSG00000164508	0.014910126	0.025199277	0.026452885	0.015225247
ENSG00000091137	0.033072656	0.032023593	0.035926254	0.026723114
ENSG00000136488	0.015127923	0.025432404	0.025448481	0.014630174
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ENSG0000008130	0.025999844	0.032946055	0.030023535	0.0281803
ENSG00000105186	0.028486625	0.034522777	0.030973307	0.02602995
ENSG00000153993	0.014908395	0.024885363	0.024697981	0.014605108
ENSG00000205309	0.045856725	0.040887108	0.041500504	0.042394028
ENSG00000170950	0.015031142	0.024740063	0.025188426	0.015205613
ENSG00000198612	0.019901358	0.025716938	0.025126492	0.017811057
ENSG00000184185	0.017606217	0.027676653	0.027224706	0.017710213
ENSG00000110047	0.035397339	0.032463122	0.035654886	0.030276395
ENSG00000154237	0.054076012	0.042999377	0.035338922	0.078410195
ENSG00000140451	0.021737779	0.025959687	0.025938658	0.019280879
ENSG00000243811	0.017028971	0.025667564	0.026528861	0.01590795
ENSG00000126262	0.026031775	0.030426515	0.029989139	0.032259123
ENSG00000115170	0.096703611	0.067315496	0.054167245	0.058902657
ENSG00000175467	0.022443793	0.029030966	0.030787578	0.0250496
ENSG00000204420	0.015499614	0.024757147	0.025966994	0.016133027
ENSG00000166167	0.016963491	0.026008436	0.026620643	0.016860961
ENSG00000137331	0.060402176	0.046332484	0.061202848	0.050559733
ENSG00000232810	0.049677113	0.049099698	0.047341651	0.047281714
ENSG00000100983	0.030375937	0.03330346	0.029852061	0.021735314
ENSG00000124357	0.040532853	0.039211662	0.034212128	0.039331928
ENSG00000186562	0.016450944	0.025488063	0.025819926	0.015454727
ENSG00000146263	0.03758874	0.043972585	0.035566556	0.030029734
ENSG00000062524	0.026158082	0.0425642	0.030678289	0.019940545
ENSG00000198853	0.016121237	0.026321512	0.024944541	0.016360132
ENSG00000169550	0.017480973	0.026650081	0.024714229	0.015515208
ENSG00000177426	0.017834751	0.025192794	0.025556074	0.016709852
ENSG00000162877	0.01560693	0.026048194	0.025716571	0.017054391
ENSG00000110931	0.059402035	0.061125571	0.054319957	0.052763923
ENSG00000181827	0.034398293	0.039216662	0.029999449	0.028407754
ENSG00000167751	0.017994706	0.027726858	0.026540029	0.021021979
ENSG00000181722	0.06202068	0.058541322	0.038099878	0.04559534
ENSG00000101266	0.022226332	0.030712435	0.029518771	0.02096595
ENSG00000188859	0.03214969	0.032073511	0.033105261	0.030291461
ENSG00000132589	0.059479763	0.051710569	0.047158841	0.049680696
ENSG00000140623	0.017079796	0.024360387	0.02481814	0.015240346
ENSG00000151320	0.028895333	0.026002469	0.024400484	0.020387649
ENSG00000040487	0.015283242	0.025602633	0.025551477	0.015134735
ENSG00000077713	0.038795046	0.039544064	0.031694815	0.038739809
ENSG00000115540	0.016326276	0.025277028	0.024946249	0.015507763
ENSG00000164690	0.01643028	0.024424558	0.024278861	0.01522449
ENSG00000054796	0.014862134	0.02441954	0.025437197	0.015335595
ENSG00000164405	0.022918996	0.029631151	0.027153505	0.021519753
ENSG00000151967	0.098735654	0.073356249	0.069729083	0.066502948

ENSG00000146411	0.018439118	0.029014048	0.02576275	0.02113715
ENSG00000153347	0.017014622	0.025599618	0.026005467	0.016428043
ENSG00000142538	0.019229848	0.03007159	0.024275183	0.015640175
ENSG00000162302	0.037363198	0.041315798	0.03307274	0.034425007
ENSG00000162757	0.032786629	0.0356479	0.033240664	0.023545616
ENSG00000064199	0.037883304	0.043394271	0.045371756	0.044832992
ENSG00000166337	0.019477031	0.026048063	0.027438774	0.022309289
ENSG00000063180	0.026257774	0.029774434	0.033015238	0.030877539
ENSG00000187609	0.024681855	0.028465307	0.033231456	0.023338035
ENSG00000198286	0.042377166	0.043582021	0.039811041	0.036987272
ENSG00000003402	0.036586222	0.034768565	0.034686556	0.032050565
ENSG00000103175	0.016817897	0.024606181	0.025093286	0.016921493
ENSG00000182346	0.016431097	0.024700383	0.025082519	0.0169375
ENSG00000173421	0.015576861	0.026365226	0.025774018	0.015474496
ENSG00000163590	0.017522094	0.024709145	0.025187527	0.015676542
ENSG00000010270	0.032973632	0.036565074	0.03382627	0.033943393
ENSG00000139209	0.020176909	0.026660882	0.025475792	0.016155598
ENSG00000182742	0.061776787	0.051982872	0.044863793	0.057049691
ENSG00000172016	0.013990595	0.024746831	0.024685956	0.014859666
ENSG00000169271	0.018825276	0.026319197	0.026323055	0.015815775
ENSG00000111602	0.042662145	0.043360872	0.033856785	0.035724239
ENSG00000153446	0.016232482	0.025504814	0.024660348	0.015618975
ENSG00000198646	0.025232589	0.035285497	0.028025865	0.026335048
ENSG00000100376	0.071592125	0.086008339	0.065150247	0.063713026
ENSG00000204576	0.03354959	0.035970435	0.035503557	0.031366853
ENSG00000196159	0.015997973	0.026406177	0.025537143	0.01511671
ENSG00000168675	0.051298109	0.054532565	0.049549473	0.052276215
ENSG00000183609	0.015950885	0.025123285	0.025197904	0.015961131
ENSG00000065357	0.016023717	0.025134094	0.02454543	0.014472473
ENSG00000171603	0.031858488	0.031418172	0.033682318	0.025544667
ENSG00000105865	0.03151304	0.033239953	0.031850096	0.02461972
ENSG00000079246	0.023697406	0.029925564	0.029206779	0.021548298
ENSG00000132259	0.018892842	0.026612395	0.027247858	0.015928217
ENSG00000179431	0.060883871	0.048242201	0.056556866	0.061765478
ENSG00000205944	0.015616279	0.024335954	0.025277799	0.014329836
ENSG00000156521	0.037362326	0.038454381	0.039986725	0.027883514
ENSG00000231887	0.01889594	0.029199018	0.030849008	0.018309654
ENSG00000177879	0.033739944	0.031946347	0.02978895	0.023561706
ENSG00000005483	0.034895318	0.040675877	0.034856097	0.03023119
ENSG00000123685	0.050239784	0.054208843	0.045839124	0.060931134
ENSG00000116748	0.029177365	0.02628476	0.024809833	0.020560204
ENSG00000162601	0.019093308	0.027691895	0.02604197	0.018556025
ENSG00000179674	0.036101535	0.030456627	0.027144969	0.018025362
ENSG00000241635	0.017842921	0.0257985	0.025141667	0.019016736
ENSG00000169194	0.052294899	0.03322102	0.028476769	0.027250552
ENSG00000052802	0.024078392	0.033232757	0.031831936	0.021695705
ENSG00000129691	0.028889752	0.033836606	0.03290349	0.022672614
ENSG00000243244	0.039143118	0.035978377	0.039072358	0.044982568
ENSG00000050165	0.014566691	0.025128786	0.02538281	0.01446972
ENSG00000087884	0.039630972	0.039133508	0.042017288	0.02992133
ENSG00000175203	0.02225244	0.027998448	0.028481194	0.021152914
ENSG00000159399	0.064290337	0.072507875	0.066525986	0.060243054
ENSG00000170852	0.039733713	0.044056577	0.036733749	0.034337677
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ENSG00000152778	0.045424223	0.051152216	0.045801358	0.039297215
ENSG00000197969	0.034120417	0.041724804	0.034659113	0.033910192
ENSG00000182575	0.019492494	0.028570694	0.02525471	0.018177138
ENSG00000196409	0.042732809	0.043338482	0.041585519	0.036212367
ENSG00000138443	0.028154149	0.032152238	0.031931667	0.023326654
ENSG00000173769	0.014232171	0.023516211	0.024002102	0.012855021
ENSG00000124151	0.020717926	0.030261534	0.028048775	0.024179567
ENSG00000188906	0.022830125	0.026825134	0.027330519	0.018060003
ENSG00000127329	0.018552762	0.02691023	0.025118063	0.017657839
ENSG00000095637	0.057439107	0.064930677	0.030513451	0.034417224
ENSG00000163449	0.028830844	0.031159049	0.026916079	0.022981847
ENSG00000109103	0.043740434	0.044752299	0.043129782	0.042209741
ENSG00000184361	0.0162232	0.025462345	0.025759369	0.015732898
ENSG00000100450	0.030959031	0.031309494	0.029350886	0.057257717
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ENSG00000249948	0.044275921	0.027296346	0.025788025	0.016327452
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ENSG00000048052	0.072651665	0.066795014	0.055131345	0.057216228
ENSG00000157216	0.051574125	0.049461166	0.048730536	0.057570345
ENSG00000062282	0.039357717	0.034342883	0.03529534	0.033858461
ENSG00000196155	0.017490351	0.027905092	0.027295383	0.020485602
ENSG00000142871	0.015625444	0.024713662	0.024812453	0.016048332
ENSG00000006468	0.02076132	0.025835943	0.028554566	0.017658623
ENSG00000102174	0.020399254	0.027161381	0.028262217	0.01805601
ENSG00000175130	0.042992221	0.047612393	0.051489119	0.05107237
ENSG00000142539	0.047380704	0.039967043	0.041893777	0.060444566
ENSG00000114654	0.017449434	0.028124411	0.026377148	0.015789766
ENSG00000115486	0.021308129	0.028688707	0.027866072	0.01928293
ENSG00000100479	0.050681292	0.045635536	0.037703416	0.038170754
ENSG00000196458	0.027961005	0.031523987	0.02939803	0.025149053
ENSG00000249124	0.027805432	0.028566031	0.028602765	0.023670958
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ENSG00000164794	0.064001435	0.030801301	0.030302107	0.035489753
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ENSG00000127529	0.01631563	0.024338551	0.024702134	0.015591809
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ENSG00000136159	0.027671454	0.031382788	0.032074473	0.027052352
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ENSG00000136161	0.056809086	0.059403719	0.049057028	0.056298662
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ENSG00000153922	0.027624326	0.039266716	0.042149901	0.031216729
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ENSG00000114405	0.161724225	0.097689612	0.057241137	0.090934993
ENSG00000137628	0.078257156	0.065422812	0.050056999	0.065214664
ENSG00000184661	0.050311472	0.036716011	0.044234503	0.039719101

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ENSG00000081052	0.066202399	0.077906007	0.057988012	0.076368312
ENSG00000166211	0.019582386	0.02552221	0.026383523	0.015446517
ENSG00000134757	0.018426241	0.025220041	0.02565095	0.01534033
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ENSG00000050628	0.018209767	0.025721036	0.025613092	0.020048039
ENSG00000054523	0.017520839	0.02531172	0.025235065	0.018473584
ENSG00000185615	0.015431811	0.024677571	0.024725258	0.015570765
ENSG00000173572	0.015663719	0.026023546	0.024395352	0.015545928
ENSG00000130714	0.028668973	0.035503206	0.0339526	0.024910017
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ENSG00000241563	0.017495818	0.02576971	0.02450342	0.0157146
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ENSG00000134516	0.023458821	0.032598436	0.028987698	0.019260976
ENSG00000168274	0.049480293	0.047904327	0.04721569	0.042735974
ENSG00000110721	0.045294275	0.036474626	0.042404717	0.033934903
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ENSG00000080709	0.036488873	0.033495622	0.034048657	0.032469741
ENSG00000173039	0.02357679	0.035362078	0.042763192	0.024300474
ENSG00000140829	0.025083921	0.031626226	0.031974357	0.023767606
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ENSG00000081019	0.030232108	0.040088298	0.037833092	0.03136802
ENSG00000165512	0.034744299	0.036405229	0.036461303	0.026694563
ENSG00000115904	0.029869215	0.036837695	0.035246542	0.039921516
ENSG00000176046	0.018062526	0.026032882	0.025940876	0.016260063
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ENSG00000121898	0.036338031	0.025804097	0.025207494	0.022056613
ENSG00000099337	0.057019552	0.050608202	0.053638686	0.060721129
ENSG00000090376	0.090622613	0.06653202	0.063585667	0.06827838
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ENSG00000005073	0.016531524	0.024992272	0.025926318	0.016942607
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ENSG00000174130	0.048057823	0.058344712	0.054432728	0.035224215
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ENSG00000148300	0.024553176	0.027994337	0.029580015	0.026991655
ENSG00000214367	0.036243893	0.036919249	0.029328057	0.031736864
ENSG00000156050	0.014571422	0.024937547	0.024647497	0.015905534
ENSG00000188419	0.018197508	0.03302964	0.026178861	0.017707878
ENSG00000006114	0.032016273	0.034266935	0.034086091	0.026852856
ENSG00000142784	0.026613449	0.031785342	0.036670159	0.030169353
ENSG00000078124	0.027085504	0.032507284	0.032147094	0.026462066
ENSG00000150403	0.031087934	0.041344272	0.034474164	0.034163282
ENSG00000128881	0.015627712	0.026006779	0.02568749	0.016387989
ENSG00000142235	0.04938564	0.062977526	0.062100418	0.053264434
ENSG00000164291	0.020420052	0.026552002	0.026113025	0.019558059
ENSG00000156675	0.055021283	0.048221426	0.05075909	0.049461339
ENSG00000196176	0.028259105	0.027961519	0.032669958	0.029964446
ENSG00000078725	0.017615753	0.02520836	0.026728947	0.015751357
ENSG00000146109	0.019678114	0.025573571	0.025480187	0.016799435
ENSG00000169946	0.037238814	0.033637075	0.030171992	0.030809548
ENSG00000118245	0.016548253	0.025501248	0.024823761	0.015119769
ENSG00000173545	0.022539309	0.031080594	0.03463313	0.020413931
ENSG00000135966	0.032125085	0.035876229	0.038479386	0.033815795
ENSG00000138944	0.017255869	0.025139848	0.025819391	0.016415598
ENSG00000213599	0.017153293	0.025178494	0.024400493	0.017066635
ENSG00000169006	0.016895087	0.024344855	0.025213983	0.015949293
ENSG00000089041	0.022748784	0.02779483	0.02936071	0.020904993
ENSG00000144791	0.040510731	0.045575606	0.037629967	0.036010117
ENSG00000234511	0.015760346	0.02632022	0.024481788	0.014959628
ENSG00000155189	0.032385655	0.034720385	0.031097076	0.035934437
ENSG00000080573	0.047281826	0.038313639	0.028359374	0.037060529
ENSG00000130751	0.023957037	0.026814659	0.027584084	0.021736328
ENSG00000145362	0.019569842	0.02524124	0.026788245	0.015957985
ENSG00000151079	0.017871185	0.025061346	0.024964348	0.014726625
ENSG00000135898	0.067261173	0.042255755	0.046618351	0.062309453
ENSG00000183060	0.042850611	0.042124241	0.038852083	0.041519968
ENSG00000117595	0.023549622	0.027252299	0.026612233	0.016997653
ENSG00000132938	0.016721069	0.025340805	0.024747875	0.014856479
ENSG00000174332	0.014855405	0.025606561	0.024602734	0.015944542
ENSG00000100557	0.120732921	0.081936098	0.081420899	0.102459354
ENSG00000176142	0.034153521	0.035823511	0.035633183	0.036849856
ENSG00000141759	0.019182334	0.025783667	0.026812074	0.017355603
ENSG00000180979	0.025284047	0.034221922	0.034551739	0.023796406
ENSG00000198892	0.015458452	0.024899748	0.024784263	0.014753007
ENSG00000116785	0.016629686	0.024439573	0.024395322	0.015141196
ENSG00000145012	0.018537849	0.027851219	0.026603786	0.020206301
ENSG00000168671	0.016023419	0.025334937	0.025079276	0.015073383
ENSG00000115112	0.034798086	0.030701349	0.034887882	0.020566062
ENSG00000187238	0.01475296	0.024736767	0.024919794	0.015551248
ENSG00000186191	0.018508804	0.026068525	0.027290147	0.016697514
ENSG00000105639	0.033102542	0.046712894	0.037709508	0.039904366
ENSG00000117862	0.028402808	0.030498523	0.030337887	0.021177439

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ENSG00000119919	0.016549737	0.024787221	0.024763282	0.015612995
ENSG00000173480	0.03332916	0.032813453	0.032877383	0.030591897
ENSG00000105851	0.065337051	0.068952273	0.063750473	0.053812347
ENSG00000136908	0.025975937	0.030993239	0.034400402	0.02754123
ENSG00000158296	0.01526837	0.025597279	0.024958473	0.015397873
ENSG00000179087	0.016037665	0.024690253	0.025021497	0.015490843
ENSG00000101181	0.025211012	0.027061376	0.027355678	0.018805666
ENSG0000008086	0.015337817	0.025036509	0.024640788	0.014618996
ENSG00000143207	0.024567846	0.034531865	0.032260138	0.026223874
ENSG00000165861	0.031357017	0.031756936	0.032390736	0.027880933
ENSG00000184384	0.032442381	0.037086753	0.033407269	0.032096527
ENSG00000159200	0.043381074	0.0509169	0.050255813	0.050146663
ENSG00000074803	0.015955965	0.025740017	0.026319322	0.016328197
ENSG00000149657	0.018405588	0.029957175	0.027085588	0.019250094
ENSG00000114378	0.017300448	0.025750136	0.027129758	0.017075581
ENSG00000112499	0.015911632	0.024220008	0.024337883	0.016060509
ENSG00000073146	0.017665278	0.024714586	0.025232105	0.018901147
ENSG00000116459	0.018770625	0.026421805	0.025802291	0.017276819
ENSG00000107669	0.019866034	0.027495258	0.025776103	0.018102291
ENSG00000162894	0.040148944	0.036445725	0.039015323	0.046653761
ENSG00000126233	0.017080384	0.024397194	0.024820964	0.015581486
ENSG00000204604	0.022877537	0.03210897	0.034638803	0.021368578
ENSG00000176386	0.025266745	0.030828104	0.030935446	0.019837066
ENSG00000196152	0.040285351	0.036124464	0.039499345	0.033717294
ENSG00000167619	0.040290069	0.037697146	0.033136427	0.056074791
ENSG00000167264	0.028093376	0.031470678	0.030984155	0.025127723
ENSG00000069345	0.021855713	0.029344839	0.03013815	0.021072395
ENSG00000101773	0.016563814	0.026442009	0.02491389	0.014755284
ENSG00000103184	0.016324501	0.025164443	0.024386494	0.015276088
ENSG00000221978	0.027573104	0.035026271	0.034413702	0.027900228
ENSG00000112299	0.042574647	0.028310218	0.025355903	0.021683302
ENSG00000250722	0.100139503	0.04290266	0.025480203	0.031473278
ENSG00000125885	0.029110497	0.031866655	0.030332243	0.031890788
ENSG00000147256	0.01511329	0.024868867	0.024680714	0.015004024
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ENSG00000166143	0.016610116	0.025305089	0.025010398	0.016526543
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ENSG00000175906	0.033056135	0.033717567	0.032099941	0.02965399
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ENSG00000188257	0.016842986	0.026428721	0.025479948	0.015867442
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ENSG00000122406	0.015128393	0.024368325	0.024243991	0.016011026
ENSG00000105642	0.049185624	0.04592218	0.04696675	0.048213566
ENSG00000168228	0.030487616	0.041772942	0.03816159	0.023865628
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ENSG00000145386	0.050927878	0.042777671	0.037666353	0.034750529
ENSG00000204683	0.014086385	0.023935736	0.023938071	0.01361177
ENSG00000135677	0.027395519	0.03574855	0.029369794	0.025185559
ENSG00000151332	0.026382876	0.038235325	0.034608874	0.020183497
ENSG00000204308	0.031630177	0.031627507	0.030403007	0.020213283
ENSG00000119616	0.036171382	0.043202646	0.044844271	0.038437637
ENSG00000134186	0.039007081	0.037794057	0.032269372	0.034374588

ENSG00000166435	0.03320708	0.036486197	0.037749545	0.025968086
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ENSG00000186466	0.016218315	0.025105475	0.0263047	0.016259074
ENSG00000168148	0.016336126	0.024288707	0.024662445	0.015042236
ENSG00000069493	0.086493722	0.048417133	0.046610629	0.040573763
ENSG00000123146	0.039046672	0.025051567	0.032529375	0.028452863
ENSG00000189430	0.015241251	0.025374004	0.024877193	0.015556297
ENSG00000184752	0.022187331	0.030074643	0.02874187	0.019987597
ENSG00000177301	0.01770446	0.025414553	0.027493336	0.017865037
ENSG00000180316	0.018312273	0.026829712	0.029011706	0.020884332
ENSG00000196374	0.083493017	0.055019979	0.073835237	0.075398287
ENSG00000114859	0.016630971	0.026155487	0.026043555	0.016042732
ENSG00000162873	0.015252261	0.024591699	0.024569081	0.014740136
ENSG00000132406	0.02673217	0.036162141	0.031070222	0.026973284
ENSG00000111452	0.016446902	0.025521845	0.024848276	0.016862915
ENSG00000175486	0.016117701	0.024736281	0.024468929	0.015509272
ENSG00000078053	0.028723122	0.026978586	0.026984048	0.017520479
ENSG00000185926	0.016591398	0.025018206	0.024588361	0.014430309
ENSG00000170873	0.0414558	0.049381446	0.052950023	0.034136154
ENSG00000150540	0.083121288	0.045943903	0.052720018	0.06547923
ENSG00000167656	0.01600545	0.024794869	0.02542257	0.017747585
ENSG00000167693	0.028332278	0.028362736	0.029844682	0.021378716
ENSG00000013297	0.048006085	0.040746037	0.028839872	0.072390715
ENSG00000182896	0.015448777	0.025124737	0.02451654	0.01482561
ENSG00000198205	0.023938475	0.030686883	0.029659221	0.023413979
ENSG00000162066	0.031336616	0.030118487	0.030265939	0.026595143
ENSG00000115282	0.021436369	0.027508691	0.029725448	0.021170032
ENSG00000138768	0.025423344	0.032686672	0.027862403	0.022335493
ENSG00000171680	0.015217825	0.024658669	0.024677795	0.014867133
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ENSG00000184478	0.013519231	0.024227115	0.023726115	0.013884397
ENSG00000253304	0.018342228	0.026839457	0.025674301	0.01808786
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ENSG00000137692	0.027788784	0.030819774	0.030223632	0.022417283
ENSG00000178982	0.019289181	0.025510157	0.025234359	0.01712485
ENSG00000117505	0.026797938	0.034670699	0.039117464	0.030450803
ENSG00000172785	0.054791749	0.055414254	0.050114851	0.066160078
ENSG00000080823	0.099842698	0.09167952	0.071322545	0.078583485
ENSG00000105402	0.026537198	0.033468385	0.033530434	0.027913528
ENSG00000137449	0.019567307	0.029537937	0.028088038	0.026246251
ENSG00000133065	0.014992949	0.024313926	0.02546328	0.01471741
ENSG00000141505	0.020114772	0.027067496	0.027225944	0.018632378
ENSG00000132446	0.015166628	0.025293051	0.025939469	0.014611094
ENSG00000091490	0.098200345	0.059615379	0.051155571	0.058220445
ENSG00000153721	0.118831826	0.082835476	0.069953356	0.093167297
ENSG00000197471	0.033030185	0.034604479	0.040993007	0.049717971
ENSG00000197912	0.028936807	0.031325415	0.029234983	0.025705765
ENSG00000239672	0.041614165	0.043324908	0.039644964	0.030216209
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ENSG00000177728	0.029840433	0.029366768	0.037454193	0.033679839
ENSG00000159110	0.023408816	0.029097634	0.027720126	0.020606087
ENSG00000148942	0.015880067	0.025575563	0.024612963	0.015528688
ENSG00000177212	0.016290263	0.025623503	0.024831738	0.016381847
ENSG00000204231	0.022077407	0.027124809	0.030205572	0.021173164

ENSG00000126882	0.026076279	0.029602597	0.029338308	0.025388098
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ENSG00000138668	0.023042942	0.027976362	0.026792479	0.020426308
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ENSG00000174080	0.016702903	0.025208368	0.025127508	0.017200123
ENSG00000145191	0.022656563	0.029112713	0.030592703	0.021525469
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ENSG00000135824	0.01463593	0.025944816	0.02578589	0.015590847
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ENSG00000011426	0.054947754	0.04552909	0.035833054	0.041683871
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ENSG00000197191	0.024279115	0.02950683	0.026178653	0.020590067
ENSG00000073150	0.016775959	0.027535095	0.026391365	0.017941321
ENSG00000172238	0.017791056	0.026042175	0.026350214	0.017438148
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ENSG00000095794	0.046533962	0.047953844	0.04559819	0.047929691
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ENSG00000139915	0.019679823	0.02473872	0.02457973	0.015649298
ENSG00000112183	0.01649934	0.024962528	0.024967378	0.015264906
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ENSG00000166689	0.061586964	0.05616825	0.054219779	0.056521617
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ENSG00000154217	0.09813124	0.060786326	0.058176242	0.082512383
ENSG00000172594	0.040658108	0.039167493	0.029773558	0.0320331
ENSG00000177951	0.023797287	0.035159735	0.039617407	0.023333306
ENSG00000139637	0.02199921	0.027095477	0.026898317	0.021826171
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ENSG00000165644	0.03510998	0.032296843	0.031558597	0.031700126
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ENSG00000134460	0.057140558	0.051874921	0.053492897	0.046408479
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ENSG00000168490	0.017921347	0.025129986	0.026780041	0.01694066
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ENSG00000137274	0.03329227	0.040790653	0.035881636	0.037251097
ENSG00000109047	0.016369301	0.025238808	0.025336199	0.015340147
ENSG00000131370	0.031136411	0.030783695	0.034834139	0.027865204
ENSG00000149300	0.014760353	0.024948885	0.026348513	0.015048
ENSG00000078549	0.015581847	0.025553695	0.024134092	0.015000438
ENSG00000198722	0.052716914	0.064658847	0.042441432	0.044352623
ENSG00000146802	0.029323744	0.03477045	0.033486344	0.023522956
ENSG00000176022	0.041148536	0.0481714	0.049363414	0.047123986
ENSG00000117906	0.033155911	0.039184215	0.033447254	0.028679173
ENSG00000145781	0.032684296	0.039876405	0.034191509	0.027517985
ENSG00000206047	0.016263544	0.025920487	0.02534266	0.016356382
ENSG00000166822	0.033403276	0.034959276	0.036012307	0.029667685
ENSG00000150764	0.027380606	0.032167508	0.031333525	0.024423238
ENSG00000071203	0.014674934	0.024047173	0.023658679	0.01463859
ENSG00000160055	0.02571023	0.033378552	0.026627517	0.021183513
ENSG00000175866	0.016449214	0.026326122	0.024232725	0.019444306
ENSG00000137948	0.015890076	0.02543098	0.02467548	0.016194242
ENSG00000138483	0.017278236	0.027416306	0.025842269	0.017271694
ENSG00000127241	0.015451487	0.026487962	0.025851138	0.015557147
ENSG00000136883	0.021579338	0.028022237	0.028803181	0.017275522
ENSG00000123136	0.033566685	0.031827394	0.03349523	0.032499395
ENSG00000108557	0.034911754	0.045350304	0.035352876	0.045790633
ENSG00000164106	0.015163521	0.024643918	0.024170196	0.014767707
ENSG00000009724	0.017291028	0.024861167	0.02463603	0.015939602
ENSG00000137266	0.080643048	0.098823845	0.034128709	0.033386855
ENSG00000062194	0.02714987	0.035408521	0.030979319	0.022377374
ENSG00000168884	0.026562279	0.033668823	0.037376215	0.026001821
ENSG00000170502	0.031691502	0.033164098	0.029690305	0.02425743
ENSG00000007908	0.016070513	0.024966667	0.024597074	0.015766897
ENSG00000164168	0.026223565	0.037154468	0.038595974	0.027552367
ENSG00000139714	0.018916369	0.025165821	0.025397159	0.017852908
ENSG00000070367	0.025943157	0.031993822	0.030474357	0.033565797
ENSG00000146247	0.027638434	0.033004652	0.029148837	0.022323402
ENSG00000198033	0.039638547	0.038091752	0.039733637	0.059755327
ENSG00000092931	0.027959397	0.03356792	0.039696795	0.02512151
ENSG00000204704	0.014495603	0.024028215	0.024220059	0.01511373
ENSG00000146731	0.031416071	0.035884427	0.031631765	0.030587058
ENSG00000108839	0.019691019	0.025792957	0.028001247	0.018993734
ENSG00000136305	0.054693065	0.050106444	0.03978441	0.03682303
ENSG00000148468	0.104930597	0.093178193	0.05752117	0.089370706
ENSG00000211452	0.017276152	0.026138469	0.025156284	0.017531829
ENSG00000101265	0.018787485	0.028944578	0.028297255	0.018590155
ENSG00000106086	0.015650402	0.025353228	0.025523861	0.014511274
ENSG00000198837	0.024894516	0.030188889	0.031084296	0.021816097
ENSG00000102678	0.028524221	0.029722827	0.02910096	0.020965281
ENSG00000187147	0.028768871	0.03541215	0.04032711	0.027092409
ENSG00000182379	0.017578544	0.028891137	0.028203692	0.018919967
ENSG00000169302	0.022301143	0.025031299	0.024631851	0.014977075
ENSG00000055950	0.03064162	0.04393088	0.037869209	0.036160202
ENSG00000153140	0.03974472	0.039791967	0.031672461	0.034454819
ENSG00000198756	0.078740433	0.055356744	0.027702991	0.026964361
ENSG00000160963	0.017550562	0.025577146	0.026500194	0.015244427

ENSG00000179295	0.033863796	0.037480474	0.032107903	0.026851343
ENSG00000180543	0.114622931	0.065691291	0.067054113	0.086288406
ENSG00000168077	0.014939468	0.025202387	0.025827089	0.015106821
ENSG00000139631	0.034221236	0.037283731	0.034685166	0.041300757
ENSG00000188266	0.057591674	0.039859555	0.036234132	0.03928034
ENSG00000198967	0.014640189	0.024243335	0.025070977	0.01481584
ENSG00000162441	0.042865374	0.060775402	0.044080346	0.032792209
ENSG0000006837	0.033166851	0.034843661	0.036633056	0.032305138
ENSG00000085514	0.071707004	0.056637358	0.04154912	0.05192633
ENSG00000188056	0.017279918	0.025631599	0.025080381	0.017570088
ENSG00000196923	0.046426733	0.039417175	0.045996564	0.047125263
ENSG00000152266	0.015897396	0.025271559	0.024852959	0.017018592
ENSG00000185359	0.02469602	0.030001066	0.03264901	0.019427381
ENSG00000165355	0.031849221	0.033793772	0.03499839	0.027892235
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ENSG00000165152	0.019268826	0.0255214	0.026038474	0.01636893
ENSG00000179055	0.015564599	0.025857821	0.025311847	0.016031879
ENSG00000111319	0.01621233	0.024467959	0.025266062	0.014916128
ENSG00000167759	0.016527708	0.02478122	0.02566435	0.015939597
ENSG00000106245	0.020949088	0.028548979	0.02947953	0.020487618
ENSG00000186566	0.015755404	0.024696871	0.024149246	0.015300779
ENSG00000168952	0.147477451	0.096192603	0.073966329	0.066071945
ENSG00000164124	0.025314949	0.029071463	0.028423977	0.023272627
ENSG00000126353	0.050737087	0.052576306	0.051365349	0.06075798
ENSG00000169249	0.037016229	0.042136935	0.040123314	0.040331608
ENSG00000166444	0.017882256	0.027016474	0.025606022	0.019344096
ENSG00000138073	0.033433453	0.030767514	0.033967116	0.03106554
ENSG00000069122	0.01614816	0.02486275	0.025219404	0.015959296
ENSG00000147206	0.015435489	0.023883195	0.024357799	0.014082028
ENSG00000115053	0.043012709	0.029628503	0.033181096	0.026947098
ENSG00000166598	0.029510093	0.033016347	0.034395833	0.03006179
ENSG00000116670	0.029114149	0.028538247	0.029718531	0.022156348
ENSG00000241685	0.025911893	0.031446836	0.029080586	0.021714216
ENSG00000061337	0.018415861	0.025773072	0.025343827	0.016161995
ENSG00000175213	0.021515001	0.028351388	0.038133481	0.021095301
ENSG00000187172	0.019168224	0.028665713	0.028328289	0.022399875
ENSG00000111011	0.026932339	0.033799458	0.029987358	0.01968027
ENSG00000167468	0.026944595	0.030754618	0.032025766	0.024554504
ENSG00000198624	0.038603254	0.036118912	0.036184884	0.027454563
ENSG00000112715	0.027680643	0.033647027	0.028594696	0.023160651
ENSG00000170044	0.017744366	0.025055492	0.024303455	0.015683511
ENSG00000175634	0.034419659	0.037187366	0.036485363	0.033003497
ENSG00000153395	0.03627385	0.035457829	0.036865984	0.03656992
ENSG00000110955	0.016602628	0.025274413	0.025156744	0.016102545
ENSG00000130383	0.019106972	0.024688455	0.02490428	0.01808444
ENSG00000090269	0.015575571	0.024920676	0.024095284	0.014536041
ENSG00000183305	0.016763204	0.024606553	0.026944662	0.015124167
ENSG00000158985	0.032529545	0.041257642	0.040447156	0.027271057
ENSG00000159248	0.018054996	0.025511428	0.024779202	0.016400876
ENSG00000136895	0.044385973	0.041056145	0.03554142	0.041386239
ENSG00000121410	0.021830552	0.029839139	0.026782644	0.021137657
ENSG00000135974	0.036527634	0.033461148	0.03413208	0.031199237
ENSG00000167748	0.05119244	0.038552398	0.039148026	0.051455361
ENSG00000128271	0.033156964	0.041943315	0.039287108	0.037673229

ENSG00000173705	0.017377525	0.025008243	0.027087256	0.017321855
ENSG00000120314	0.025651675	0.033509866	0.031726709	0.023563878
ENSG00000086666	0.042432402	0.057425303	0.044393106	0.053719283
ENSG00000164087	0.045245599	0.045999392	0.039806288	0.03230437
ENSG00000180346	0.052957274	0.048039158	0.039869663	0.04048317
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ENSG00000143294	0.026131888	0.034046792	0.035851834	0.02492369
ENSG0000006607	0.029943101	0.031524359	0.030906781	0.029362127
ENSG00000178307	0.026801401	0.030634231	0.033952535	0.02405696
ENSG00000107864	0.054932909	0.050117566	0.043076252	0.043879118
ENSG00000205777	0.018782885	0.026537338	0.025587368	0.017989908
ENSG00000116793	0.045763294	0.053318251	0.03979925	0.037585874
ENSG00000170085	0.032981601	0.037543748	0.03383798	0.021861163
ENSG00000128159	0.021315555	0.030760521	0.035129	0.026232834
ENSG00000150477	0.022846925	0.031204535	0.027165187	0.019738457
ENSG00000101000	0.043218321	0.033089366	0.032789965	0.035750318
ENSG00000134265	0.02945091	0.035042536	0.037118713	0.025856581
ENSG00000185674	0.014397685	0.025188151	0.024346032	0.013822785
ENSG00000099284	0.047914593	0.033405775	0.027165941	0.03433831
ENSG00000179915	0.014883595	0.02583291	0.024238423	0.015532162
ENSG00000241119	0.015800377	0.025434886	0.025431304	0.016031498
ENSG00000144407	0.032228835	0.047594068	0.042486723	0.029280862
ENSG00000203782	0.017749399	0.032905941	0.025524368	0.015243397
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ENSG00000102030	0.028111978	0.030606443	0.02776622	0.026555593
ENSG00000172955	0.016399601	0.025592017	0.025635046	0.015185827
ENSG00000120262	0.016244433	0.025625505	0.02418956	0.015733858
ENSG00000166049	0.01671733	0.026076866	0.025076893	0.015964958
ENSG00000168936	0.01885311	0.028714771	0.029293042	0.020838753
ENSG00000185361	0.036575604	0.038395721	0.036821956	0.038604676
ENSG00000169919	0.030816504	0.029951771	0.030814712	0.030562298
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ENSG00000204176	0.05795889	0.036660287	0.037463883	0.034098914
ENSG00000138386	0.04254917	0.041646262	0.038185907	0.038430657
ENSG00000118113	0.015623764	0.025117678	0.025222409	0.014850957
ENSG00000143179	0.034424524	0.034076166	0.034043426	0.034972145
ENSG00000112273	0.017311338	0.024896053	0.024257056	0.014866529
ENSG00000174243	0.023311201	0.030582821	0.032561483	0.021744515
ENSG00000171862	0.034157234	0.038585178	0.03784461	0.031195455
ENSG00000101542	0.015234126	0.025203402	0.025228594	0.014789528
ENSG00000137818	0.014310435	0.02340775	0.024200901	0.016141185
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ENSG00000125998	0.015606291	0.024392482	0.025860786	0.014943831
ENSG00000121578	0.03004818	0.036249931	0.03329582	0.027977355
ENSG00000136630	0.068159921	0.06446153	0.030453614	0.024554045
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ENSG00000118496	0.036456797	0.040018417	0.043765082	0.038730953
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ENSG00000035681	0.031445848	0.035421397	0.033961385	0.032450788
ENSG00000125485	0.016355073	0.024973377	0.024407008	0.014661504
ENSG00000049541	0.029059228	0.033301368	0.032256043	0.024026051
ENSG00000215644	0.031250233	0.049323288	0.025833444	0.028572397
ENSG00000168454	0.018213926	0.02565289	0.025784713	0.01524102
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ENSG00000116809	0.026872149	0.02763581	0.037250441	0.022720129
ENSG00000181733	0.018133808	0.027097622	0.026172148	0.016062228
ENSG00000130997	0.018256325	0.02772961	0.026157028	0.020147409
ENSG00000180209	0.016637428	0.024977071	0.024003786	0.015577229
ENSG00000165661	0.032746044	0.037481962	0.035338518	0.028057326
ENSG00000183386	0.070120018	0.049403226	0.058161909	0.057735292
ENSG00000121775	0.024448823	0.027986514	0.03512463	0.023524843
ENSG00000121068	0.037994995	0.037648343	0.036863124	0.041851458
ENSG00000186603	0.077854019	0.04737762	0.047520487	0.049119452
ENSG00000164904	0.098898906	0.068154154	0.063116659	0.075231456
ENSG00000105143	0.018670874	0.026374098	0.025870622	0.019290786
ENSG00000123560	0.015897902	0.024325838	0.02432004	0.01615102
ENSG00000173065	0.030862134	0.037595972	0.035780376	0.027144575
ENSG00000042753	0.0230549	0.029598843	0.027055397	0.021176462
ENSG00000198336	0.024325646	0.026744348	0.029260336	0.025871393
ENSG00000134686	0.017596547	0.026334826	0.025918521	0.01760017
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ENSG00000240694	0.016607615	0.029894298	0.025316631	0.01482035
ENSG00000232258	0.05345262	0.057169882	0.077071682	0.047443621
ENSG00000158571	0.016880928	0.026017266	0.025315953	0.016567838
ENSG00000188782	0.019296651	0.029239188	0.030272241	0.018280779
ENSG00000167004	0.023257432	0.030067456	0.030281353	0.023753043
ENSG00000105677	0.029389957	0.029691523	0.028192533	0.026775564
ENSG00000134817	0.016611971	0.026792509	0.025446113	0.016898685
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ENSG00000101974	0.034897233	0.04031091	0.034449571	0.040190071
ENSG00000140548	0.045995939	0.026732005	0.025751528	0.018279429
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ENSG00000141013	0.063996645	0.059490551	0.061488411	0.071968459
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ENSG00000164924	0.042972692	0.053368771	0.05154608	0.049727693
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ENSG00000047932	0.028699413	0.032474705	0.036373018	0.025145979
ENSG00000140326	0.03197221	0.037946374	0.034170891	0.025788129
ENSG00000229035	0.069206771	0.038341954	0.026170213	0.041739906
ENSG00000146085	0.025659499	0.031946131	0.03164932	0.021736645
ENSG00000013374	0.039425184	0.043309196	0.034526642	0.032106937
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ENSG00000187720	0.018721067	0.026892358	0.02641007	0.018193882
ENSG00000127578	0.016790342	0.026750153	0.025888478	0.015979965
ENSG00000168005	0.026110261	0.031848625	0.034278837	0.026408172
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ENSG00000129194	0.016313075	0.024057268	0.025413204	0.016775775
ENSG00000143469	0.020021107	0.027297669	0.026299425	0.019100132
ENSG00000105392	0.014930888	0.02561597	0.024877651	0.016388747
ENSG00000121871	0.015484829	0.026248964	0.024460696	0.016252899
ENSG00000169696	0.018249404	0.026980481	0.028598315	0.019042472
ENSG00000148680	0.056205418	0.025367298	0.026519143	0.014256785
ENSG00000175792	0.036219775	0.037579437	0.03178466	0.031211414
ENSG00000163697	0.027067857	0.024380973	0.026071841	0.017881628
ENSG00000198417	0.05959506	0.054247915	0.065990155	0.046478925
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ENSG00000179673	0.014848864	0.024397665	0.025113046	0.015580202
ENSG00000104361	0.016858353	0.025231479	0.025046994	0.017363442
ENSG00000132010	0.03948256	0.033746523	0.036205487	0.02975761
ENSG00000167202	0.03595884	0.042285661	0.033828207	0.031383935
ENSG00000180917	0.041876102	0.040224867	0.039297181	0.039589889
ENSG00000145194	0.015624472	0.023911988	0.024261348	0.014977759
ENSG00000106636	0.024808899	0.032926723	0.037691617	0.029424626
ENSG00000138663	0.026022871	0.031068845	0.030193018	0.02246301
ENSG00000135317	0.023464889	0.027635066	0.031084312	0.021306594
ENSG00000118507	0.10345725	0.078776022	0.097584162	0.08859851
ENSG00000196510	0.025631833	0.031733666	0.031010312	0.0254283
ENSG00000150681	0.016967729	0.027237106	0.025564519	0.016119681
ENSG00000187808	0.025082201	0.032652219	0.029037549	0.025646701
ENSG00000124733	0.027927033	0.0308695	0.02843291	0.02348597
ENSG00000143127	0.016295281	0.025241838	0.026140108	0.015226356
ENSG00000160908	0.032195121	0.046238341	0.057784408	0.035045158
ENSG00000130749	0.018312598	0.028513523	0.02560699	0.017678073
ENSG00000238243	0.015576489	0.025356353	0.025335863	0.017223579
ENSG00000125375	0.030469588	0.03536329	0.032354107	0.029176472
ENSG00000204963	0.015620293	0.025286946	0.024767664	0.014542309
ENSG00000163812	0.027803789	0.03438784	0.03008612	0.028781257
ENSG00000122783	0.036896592	0.040985966	0.033573584	0.038092089
ENSG00000171530	0.022196138	0.026683455	0.026314946	0.018508009
ENSG00000011295	0.031393157	0.031308626	0.032985476	0.029182602
ENSG00000182156	0.01682513	0.026293654	0.025636328	0.016528573
ENSG00000215704	0.015842509	0.024782416	0.025527191	0.015108124
ENSG00000100095	0.015648424	0.026437193	0.025542278	0.015798858
ENSG00000172156	0.016099386	0.025861297	0.025969957	0.016142469
ENSG00000123360	0.021006456	0.02675754	0.028120017	0.019618665
ENSG00000160014	0.034464111	0.040017913	0.03470795	0.031083389
ENSG00000143033	0.026521967	0.031287752	0.03294945	0.021342443
ENSG00000204577	0.112020271	0.072534537	0.063434411	0.049034996
ENSG00000076248	0.035376773	0.0396469	0.030454613	0.031499417
ENSG00000127362	0.014606594	0.024659101	0.024733924	0.015505016
ENSG00000131503	0.039689323	0.042935551	0.040088063	0.035233368
ENSG00000154611	0.17555734	0.105514857	0.094227941	0.134518227
ENSG00000107874	0.022638148	0.029185714	0.028710048	0.019365003
ENSG00000163141	0.018708902	0.025665424	0.025447215	0.0172816
ENSG00000112280	0.015268245	0.024094459	0.026289776	0.014088395
ENSG00000174599	0.028201232	0.024650922	0.024982336	0.018821772
ENSG00000138029	0.021629512	0.027818113	0.028408845	0.020934791
ENSG00000185803	0.03162137	0.03641137	0.044612055	0.033384703

ENSG0000077782	0.017202039	0.025578642	0.025241616	0.016634725
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ENSG0000165688	0.023009914	0.028502987	0.033363422	0.024563777
ENSG0000080166	0.016491641	0.025625658	0.024986499	0.015943557
ENSG0000119760	0.016696598	0.02609605	0.024756387	0.0158917
ENSG0000120756	0.049321333	0.035825133	0.032968184	0.035278885
ENSG0000157330	0.014764739	0.024920976	0.025022768	0.014169922
ENSG0000166847	0.027204656	0.032075647	0.035823563	0.025154575
ENSG0000182591	0.018598807	0.027385892	0.026806705	0.020895188
ENSG0000048028	0.047055772	0.054307724	0.039787391	0.034092536
ENSG0000138036	0.025037547	0.028200288	0.027101005	0.027061643
ENSG0000188229	0.029862299	0.027675382	0.033179048	0.029942521
ENSG0000159674	0.080256956	0.070713382	0.064027902	0.074266556
ENSG0000166106	0.015660743	0.024413287	0.024581924	0.014963322
ENSG0000184708	0.035190352	0.039005845	0.039661576	0.032734774
ENSG0000134864	0.051105726	0.077754941	0.079966213	0.052275653
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ENSG0000106415	0.052131133	0.056975934	0.043848591	0.042063304
ENSG0000073060	0.032141069	0.034937817	0.03456805	0.027172321
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ENSG0000145736	0.035054715	0.041564726	0.040169023	0.033966683
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ENSG0000145495	0.03817244	0.040698234	0.035469579	0.037191838
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ENSG0000067167	0.025828655	0.031746484	0.034071231	0.025998696
ENSG0000100628	0.116295001	0.095722425	0.085660323	0.119740684
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ENSG0000125285	0.015325236	0.024604153	0.024997757	0.014579281
ENSG0000170681	0.015482481	0.024692064	0.025194453	0.01442265
ENSG0000121989	0.041114143	0.030776124	0.026546972	0.025304776
ENSG0000101888	0.032595604	0.034820989	0.032165696	0.02297181
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ENSG0000072195	0.016854747	0.025542265	0.025687255	0.016037466
ENSG0000132591	0.025887555	0.032505079	0.036463769	0.029843933
ENSG0000205358	0.055379313	0.060908842	0.065766204	0.06383946
ENSG0000135374	0.015553195	0.025373053	0.024964288	0.015661439
ENSG0000170017	0.039294821	0.043608481	0.040930609	0.043075664
ENSG0000132323	0.027301397	0.032156252	0.032710241	0.023969415
ENSG0000099250	0.020109635	0.027537952	0.027582947	0.016313496
ENSG0000168143	0.01599816	0.024093952	0.025252515	0.014816545
ENSG0000188747	0.017232985	0.026451921	0.026734586	0.019030577
ENSG0000141526	0.080097525	0.049901896	0.044785381	0.049855164
ENSG0000101489	0.020124409	0.028433662	0.026982482	0.018315806
ENSG0000149292	0.028975216	0.028775235	0.027184343	0.034971279
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ENSG00000160752	0.023744017	0.02830442	0.02650764	0.019859463
ENSG00000101298	0.016327215	0.024394658	0.025828375	0.014831002
ENSG00000147669	0.02324956	0.029197606	0.027426806	0.021385208
ENSG00000144891	0.015950347	0.024293056	0.024987993	0.014431238
ENSG00000104671	0.027580391	0.032479756	0.032171405	0.022230486
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ENSG00000110756	0.029042924	0.032732698	0.029603837	0.024860575
ENSG00000188322	0.012709858	0.023716982	0.023823376	0.013691245
ENSG00000163703	0.052836674	0.045963037	0.036638244	0.044430304
ENSG00000114520	0.02901546	0.029953968	0.029537812	0.030147178
ENSG00000203618	0.045107351	0.037599805	0.035394955	0.025693437
ENSG00000196944	0.016490322	0.025852586	0.025027866	0.016256163
ENSG00000129116	0.099054911	0.041396884	0.040540436	0.037777006
ENSG00000076928	0.024469798	0.034915379	0.044884557	0.036861583
ENSG00000185313	0.017117378	0.025201817	0.025002795	0.014338806
ENSG00000185651	0.034380551	0.038012425	0.03704272	0.033281442
ENSG00000103496	0.025512773	0.029324553	0.030602548	0.026149574
ENSG00000185627	0.023435631	0.029757205	0.029150451	0.024067386
ENSG00000099814	0.039669938	0.035828707	0.034764386	0.030235222
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ENSG00000176714	0.018635402	0.027076805	0.025996008	0.020064787
ENSG00000127993	0.019053323	0.027328036	0.026359488	0.016800526
ENSG00000171517	0.014819036	0.024381422	0.025068519	0.014417699
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ENSG00000071894	0.031670386	0.041490153	0.03553148	0.026739951
ENSG00000100075	0.028315914	0.029516933	0.034064329	0.029295714
ENSG00000165506	0.030782511	0.033395178	0.030676214	0.029756068
ENSG00000180210	0.017024575	0.026578057	0.026534852	0.015934558
ENSG00000129696	0.026221075	0.03174163	0.031877727	0.023936122
ENSG00000198576	0.015951004	0.024979747	0.024344168	0.016251055
ENSG00000103355	0.014777531	0.025835949	0.024704833	0.016312046
ENSG00000156398	0.063527081	0.069808637	0.056248131	0.049521799
ENSG00000204450	0.01538022	0.024642589	0.02474729	0.015605375
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ENSG00000151790	0.063334275	0.03079933	0.029354751	0.029756835
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ENSG00000139173	0.038410859	0.039305907	0.04432615	0.030491187
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ENSG00000120725	0.03615064	0.035141854	0.039203349	0.036855452
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ENSG00000152454	0.043936205	0.049949923	0.055683099	0.042289408
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ENSG00000164010	0.044766778	0.043618528	0.031432469	0.036412422
ENSG00000137474	0.01562761	0.023925095	0.024791965	0.016176461
ENSG00000044090	0.031133331	0.031210964	0.034829665	0.031956839
ENSG00000103249	0.030484654	0.037464972	0.033449755	0.029964689
ENSG00000112514	0.022695324	0.028073853	0.030525252	0.021310156
ENSG00000072415	0.031251222	0.033450233	0.035118351	0.031343128
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ENSG00000219481	0.028150969	0.034083296	0.030443656	0.025084143
ENSG00000170381	0.032868674	0.033565932	0.034626625	0.031562888
ENSG00000124102	0.03157304	0.038179	0.026677815	0.021651117
ENSG00000137804	0.038088447	0.036588264	0.032035181	0.024913721
ENSG00000071909	0.047335167	0.039569613	0.038791887	0.046433999
ENSG00000124789	0.032173537	0.033773866	0.031206459	0.030221442
ENSG00000174807	0.018868088	0.026948133	0.024680249	0.015948101
ENSG00000182107	0.0166272	0.025597023	0.024830946	0.016885458
ENSG00000104205	0.035421037	0.030873292	0.037261784	0.027646295
ENSG00000105556	0.042030856	0.041642755	0.039962827	0.026703797
ENSG00000116096	0.054341359	0.057588748	0.045073871	0.050437099
ENSG00000104892	0.024180031	0.028018694	0.027947816	0.017901263
ENSG00000135778	0.042378813	0.039398874	0.038449495	0.029971834
ENSG00000105419	0.019619236	0.028758442	0.028520834	0.017957255
ENSG00000145332	0.032390292	0.039139185	0.040309355	0.027401455
ENSG00000174125	0.052144207	0.07169487	0.069349032	0.064797515
ENSG00000140030	0.047147396	0.054487052	0.045954825	0.038122627
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ENSG00000183473	0.0169462	0.024896472	0.02511719	0.01717149
ENSG00000108679	0.040961258	0.079534437	0.07603617	0.090752439
ENSG00000142661	0.015252948	0.02471924	0.024541315	0.015577645
ENSG00000145708	0.015585572	0.02504623	0.026026501	0.015627464
ENSG00000130045	0.016549548	0.024984922	0.024909255	0.015988055
ENSG00000127324	0.01526887	0.025396146	0.024709351	0.015853797
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ENSG00000177889	0.028441883	0.040192843	0.033792602	0.024877782
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ENSG00000165929	0.070154532	0.06837468	0.054421961	0.063433314
ENSG00000179010	0.028118147	0.033233505	0.030871901	0.023419413
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ENSG00000154227	0.015436945	0.027121834	0.026015223	0.015464718
ENSG00000124786	0.03705662	0.042093044	0.033038963	0.033468255
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ENSG00000119147	0.016960001	0.025021895	0.025090586	0.014576166
ENSG00000175197	0.052343924	0.051014205	0.048125537	0.042615162
ENSG00000175602	0.033399183	0.031364215	0.032788474	0.034755518
ENSG00000244005	0.02346783	0.030010964	0.027013237	0.020151908
ENSG00000105429	0.017503756	0.026193886	0.026300404	0.017103185
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ENSG00000129682	0.015429743	0.024519555	0.024215752	0.014265329
ENSG00000164081	0.025324094	0.030112305	0.030412002	0.022450494
ENSG00000115306	0.030083266	0.035955388	0.029488285	0.033791462
ENSG00000153563	0.017814806	0.026995213	0.026248273	0.025150452
ENSG00000038210	0.030324925	0.039278796	0.032722007	0.02347164
ENSG00000168787	0.015961792	0.025210265	0.025661098	0.015880642
ENSG00000104140	0.05495316	0.049304323	0.047563773	0.050572542
ENSG00000164849	0.092129325	0.072938499	0.067394225	0.080820845
ENSG00000110925	0.032924391	0.035007284	0.035061506	0.026480947
ENSG00000116285	0.063630336	0.055646137	0.043932067	0.048816261
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ENSG00000198909	0.01593556	0.024900675	0.024962691	0.013836119
ENSG00000184903	0.043876281	0.043799063	0.042845235	0.040496806
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ENSG00000188766	0.018674046	0.025720999	0.026579003	0.015743083
ENSG00000130811	0.017928957	0.025891687	0.026599376	0.018512963
ENSG00000203879	0.022746518	0.028979281	0.035024428	0.031598644
ENSG00000214513	0.01505341	0.024618992	0.024977908	0.014994707
ENSG00000128311	0.061912187	0.045543896	0.044076255	0.057912744
ENSG00000167700	0.050827322	0.040867057	0.044582314	0.037761228
ENSG00000178149	0.026008988	0.029953413	0.029738689	0.026302567
ENSG00000100138	0.028247668	0.030463882	0.032615802	0.031212684
ENSG00000189298	0.034067305	0.042650142	0.031690185	0.02979671

ENSG00000124201	0.030382087	0.044434329	0.048095836	0.031124124
ENSG00000091704	0.014983577	0.025822158	0.02480803	0.015899553
ENSG00000177058	0.034258609	0.036937121	0.033708284	0.029589114
ENSG00000166960	0.017563078	0.02674987	0.02528432	0.017298808
ENSG00000100448	0.016590502	0.025012838	0.024283432	0.015379185
ENSG00000213983	0.028936869	0.040959565	0.037525458	0.031309107
ENSG00000186318	0.030932928	0.030154896	0.028913384	0.024887555
ENSG00000112855	0.02967598	0.033590258	0.029416228	0.022884905
ENSG00000127946	0.026871871	0.029267606	0.028035015	0.026939103
ENSG00000166716	0.019798542	0.028090177	0.027536739	0.018399086
ENSG00000157570	0.020948765	0.032225813	0.035659678	0.034550493
ENSG00000183160	0.068344007	0.04034485	0.031445343	0.027564444
ENSG00000156414	0.026413445	0.026404111	0.031361988	0.020474576
ENSG00000105388	0.015854146	0.024807049	0.025100888	0.014797272
ENSG00000182634	0.01635088	0.025908835	0.025903659	0.017761585
ENSG00000171124	0.015313067	0.024581475	0.025025839	0.014652979
ENSG00000147601	0.032367688	0.034624624	0.036189494	0.029514657
ENSG00000162998	0.030784264	0.025778442	0.026494255	0.015878686
ENSG00000160211	0.034246473	0.036560987	0.03613913	0.033572393
ENSG00000120833	0.086274193	0.054713161	0.058333699	0.062419674
ENSG00000156920	0.017795034	0.025890609	0.026497512	0.015673726
ENSG00000081913	0.06408583	0.047071165	0.052598857	0.041981265
ENSG00000158402	0.047214039	0.043143937	0.040985663	0.047568751
ENSG00000167173	0.034821002	0.040729872	0.055063654	0.034387646
ENSG00000174677	0.017480723	0.025579567	0.027282022	0.017087762
ENSG00000163352	0.017226054	0.024630674	0.026604122	0.015021775
ENSG00000180613	0.015374289	0.02562546	0.025432291	0.015519476
ENSG00000012779	0.06986243	0.038170647	0.036046935	0.054982609
ENSG00000137672	0.016277587	0.024915282	0.024925226	0.014948554
ENSG00000162688	0.016133315	0.024471108	0.024498418	0.015051596
ENSG00000171956	0.024600238	0.030001479	0.026500891	0.024624571
ENSG00000183691	0.017522438	0.02583725	0.026131543	0.016587129
ENSG00000157191	0.03160969	0.034232417	0.032578336	0.034334114
ENSG00000188305	0.015618632	0.025068056	0.024625652	0.014081425
ENSG00000089094	0.035229656	0.034349245	0.030158644	0.028509175
ENSG00000148377	0.018835837	0.024513392	0.026483886	0.016546891
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ENSG00000149781	0.022592659	0.037323148	0.031193984	0.024258461
ENSG00000179965	0.016668544	0.024072224	0.024685944	0.015388339
ENSG00000184743	0.030625826	0.031547104	0.03364625	0.02916938
ENSG00000162980	0.033638715	0.041219109	0.039290882	0.032335951
ENSG00000139357	0.042903823	0.04211223	0.041087024	0.052173253
ENSG00000152484	0.042735758	0.047521161	0.047569429	0.03183389
ENSG00000135047	0.018574703	0.02465003	0.025438554	0.01653152
ENSG00000126067	0.024320287	0.029188279	0.029241416	0.022872799
ENSG00000106400	0.022986691	0.026495277	0.027019674	0.019771148
ENSG00000142227	0.030433631	0.029909276	0.033498264	0.028305312
ENSG00000120860	0.061074606	0.045965128	0.036725022	0.035897871
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ENSG00000197616	0.044202509	0.03214063	0.028445596	0.025766441
ENSG00000108405	0.065973771	0.054694359	0.054470555	0.056315622
ENSG00000157045	0.02330837	0.03059712	0.03151208	0.020605487
ENSG00000189308	0.032174281	0.032970039	0.034558872	0.029761382
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ENSG00000136720	0.016410937	0.024790696	0.024986311	0.016127785
ENSG00000130638	0.029467762	0.03218065	0.031708574	0.02595734
ENSG00000144671	0.016989633	0.026154678	0.026162476	0.016633747
ENSG00000197766	0.023282432	0.027412854	0.028169224	0.023128277
ENSG00000128482	0.018547015	0.025453948	0.029172768	0.016592553
ENSG00000110768	0.032242484	0.040138907	0.030813192	0.027300926
ENSG00000114757	0.017419024	0.025578481	0.02495366	0.01694022
ENSG00000666027	0.024403849	0.030335885	0.030936669	0.023862156
ENSG00000163083	0.016482067	0.025379997	0.024856851	0.01537182
ENSG00000185554	0.015096238	0.025716528	0.024667772	0.016258294
ENSG00000100532	0.027078969	0.039316633	0.04383131	0.030180172
ENSG00000118432	0.09008295	0.080559969	0.049986942	0.08013879
ENSG00000132254	0.023260336	0.030399468	0.040189075	0.028127599
ENSG00000133193	0.024407169	0.031505963	0.031557494	0.021570573
ENSG00000127666	0.034082168	0.034709547	0.031606975	0.030333899
ENSG00000118292	0.093124919	0.068446089	0.058755107	0.068326047
ENSG00000196422	0.089399331	0.07124822	0.066183769	0.076530381
ENSG00000172086	0.035675159	0.053361374	0.046160555	0.042968525
ENSG00000117791	0.145732708	0.092192912	0.104885781	0.118592136
ENSG00000103202	0.043374442	0.042881787	0.03803881	0.039169501
ENSG00000121060	0.027185908	0.030031508	0.030738856	0.024326962
ENSG00000249158	0.014811701	0.025133134	0.025106689	0.015828614
ENSG00000160593	0.086355337	0.080388766	0.071083986	0.092917995
ENSG00000173452	0.021070903	0.026218911	0.028681489	0.01894124
ENSG00000178338	0.036472726	0.031922304	0.032540636	0.03270119
ENSG00000186472	0.015517495	0.023591816	0.024217284	0.013916958
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ENSG00000090104	0.051082677	0.046004968	0.048282838	0.040958281
ENSG0000068745	0.027750609	0.03091003	0.036982391	0.026522222
ENSG00000160049	0.030609154	0.032090062	0.030995126	0.025464727
ENSG00000102878	0.073437058	0.061129107	0.045286393	0.065836106
ENSG00000099992	0.024809443	0.033945367	0.031269686	0.02572202
ENSG00000135365	0.035075902	0.034959401	0.033982094	0.0267959
ENSG00000167716	0.033456678	0.036656347	0.042759512	0.034879565
ENSG00000100784	0.016627818	0.025571128	0.025268366	0.014400198
ENSG00000167323	0.026705277	0.031159877	0.033880396	0.027769912
ENSG00000079557	0.015771526	0.024952124	0.025494058	0.016195187
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ENSG00000196352	0.049538689	0.051173953	0.04443434	0.050344933
ENSG00000197498	0.024752712	0.02874998	0.027620726	0.0252224
ENSG00000113248	0.015606818	0.026696231	0.025265659	0.015807224
ENSG00000106330	0.037819782	0.039525297	0.034208989	0.029652085
ENSG00000149480	0.026568998	0.029774911	0.038000341	0.029604797
ENSG00000186115	0.035271074	0.031724086	0.027185231	0.024847744
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ENSG00000075399	0.024464617	0.027885852	0.030427812	0.020829602
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ENSG00000101417	0.02166164	0.028676367	0.027606321	0.022033308
ENSG00000129535	0.016784464	0.025011228	0.024866579	0.015373035
ENSG00000151470	0.036971745	0.039671894	0.032984839	0.039191568
ENSG00000167549	0.026895638	0.030020199	0.029587435	0.028076877
ENSG00000184160	0.017351279	0.026066436	0.024646022	0.015449476
ENSG00000135502	0.01529218	0.024877893	0.024789039	0.014552021

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ENSG00000170471	0.023858363	0.032115917	0.032540998	0.02199838
ENSG00000113262	0.014846895	0.024236213	0.024393387	0.014305603
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ENSG00000198420	0.024521799	0.038318313	0.030893579	0.029524555
ENSG00000136425	0.0195871	0.025801525	0.025217905	0.01728626
ENSG00000243468	0.017298964	0.026754268	0.026930528	0.015405547
ENSG00000149016	0.024950691	0.029986428	0.030421142	0.022787855
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ENSG00000164266	0.016105711	0.024756462	0.026013901	0.01613679
ENSG00000167123	0.032887351	0.046388482	0.038571154	0.046739858
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ENSG00000116711	0.091978556	0.080227528	0.078139116	0.073792938
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ENSG00000116819	0.01581956	0.025319288	0.024576246	0.015544187
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ENSG00000116741	0.119139332	0.087045384	0.090011187	0.095879634
ENSG00000213699	0.015612799	0.024145723	0.02422251	0.015441593
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ENSG00000135617	0.031847391	0.033736096	0.032236898	0.029893807
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ENSG00000136059	0.028758702	0.034766199	0.030520895	0.025548013
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ENSG00000197223	0.081944121	0.077274762	0.09452856	0.067754622
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ENSG00000173786	0.024303635	0.031328146	0.034640344	0.027339236
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ENSG00000166856	0.014883814	0.02428354	0.024470452	0.013656576
ENSG00000132464	0.021608714	0.028238062	0.025908878	0.01878238
ENSG00000105939	0.030586048	0.032798547	0.040774634	0.029709478
ENSG00000068097	0.040718385	0.038494663	0.035536361	0.035900463
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ENSG00000134970	0.035369379	0.039048188	0.041273547	0.039948567
ENSG00000167863	0.024365771	0.028936413	0.026784804	0.018351203
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ENSG00000063241	0.049984391	0.031184141	0.035440703	0.03874005
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ENSG00000117054	0.022046357	0.027340707	0.028449922	0.021708175
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ENSG00000163166	0.029593018	0.035878114	0.033643253	0.024646047
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ENSG00000172867	0.016267239	0.02542288	0.025294435	0.015882547
ENSG00000165912	0.018941661	0.028726151	0.02598106	0.016748486
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ENSG00000180479	0.03021509	0.034343186	0.033729673	0.025219321
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ENSG00000128965	0.069868922	0.066404271	0.072925845	0.069124278
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ENSG00000123728	0.026710541	0.033045008	0.033677679	0.023249538
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ENSG00000141048	0.017492281	0.02537347	0.025860448	0.015341145
ENSG00000189171	0.069214779	0.07663343	0.066011398	0.06501992
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ENSG00000132840	0.016162566	0.024711709	0.024799743	0.015522621
ENSG00000197603	0.033498062	0.041902618	0.03113448	0.026375601
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ENSG00000100280	0.029084926	0.035526014	0.031997006	0.034546135
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ENSG00000101115	0.015220691	0.024435194	0.024365411	0.015811156
ENSG00000174567	0.033788306	0.042440708	0.035477346	0.034475259
ENSG00000141510	0.033989888	0.03509195	0.03596134	0.035258793
ENSG00000213719	0.026055467	0.027998427	0.030082588	0.018506088
ENSG00000159713	0.015826497	0.024641063	0.024911415	0.014995676
ENSG00000119185	0.03111898	0.036113058	0.033930869	0.026319356
ENSG00000156735	0.025257241	0.027695053	0.03520555	0.024387376

ENSG00000130702	0.085569572	0.076170231	0.064117216	0.079822617
ENSG00000107960	0.031786332	0.030648565	0.034562264	0.026796196
ENSG00000183643	0.018916209	0.027316903	0.026776681	0.016131727
ENSG00000170866	0.047916639	0.033475428	0.027700924	0.020027546
ENSG00000137090	0.02970318	0.027219184	0.026869622	0.018191439
ENSG00000172061	0.015978548	0.024874135	0.024116216	0.016402975
ENSG00000157693	0.050234695	0.044403478	0.04605653	0.053651468
ENSG00000096070	0.037702629	0.040698929	0.047083514	0.034344847
ENSG00000167220	0.04169124	0.041825027	0.041506668	0.032108561
ENSG00000184216	0.032525064	0.03574066	0.036671056	0.03173756
ENSG00000187624	0.119731746	0.115914597	0.113840688	0.090366082
ENSG00000104129	0.027540225	0.032483925	0.029692648	0.022464588
ENSG00000152591	0.014396873	0.02412345	0.024557628	0.014201751
ENSG00000145863	0.016078912	0.025998287	0.024491544	0.016341374
ENSG00000183684	0.03281071	0.029555822	0.029942478	0.029884652
ENSG00000164398	0.015805012	0.025067304	0.024940533	0.015504189
ENSG00000176787	0.018122105	0.027097189	0.02684766	0.018143944
ENSG00000144847	0.015482713	0.025085801	0.025155563	0.015042448
ENSG00000214128	0.017700653	0.024929137	0.025528065	0.015774949
ENSG00000128059	0.031978596	0.035571862	0.031623704	0.021939223
ENSG00000168487	0.022952385	0.031423624	0.029811878	0.024303393
ENSG00000136936	0.027098895	0.037883418	0.038982127	0.027549015
ENSG00000188636	0.11170547	0.081236943	0.06487301	0.08026463
ENSG00000214655	0.039613569	0.040312362	0.040046919	0.036368634
ENSG00000213316	0.05814501	0.052294874	0.042490491	0.060727665
ENSG00000185518	0.11391624	0.065060177	0.067645868	0.093450133
ENSG00000086506	0.028065734	0.029709192	0.027974986	0.028683543
ENSG00000170683	0.015498681	0.024869983	0.024441748	0.014088235
ENSG00000120802	0.052943604	0.060274816	0.043107981	0.060346697
ENSG00000172167	0.034665381	0.033996155	0.029307443	0.0293445
ENSG00000185262	0.042443595	0.043247139	0.047895091	0.032378518
ENSG00000066629	0.028898248	0.028204142	0.02559382	0.023536584
ENSG00000144736	0.029519811	0.036221782	0.03629609	0.031963351
ENSG00000110871	0.029401064	0.034380623	0.031642281	0.022487241
ENSG00000182866	0.053311345	0.045397631	0.041983457	0.065414127
ENSG00000061938	0.043059003	0.048058586	0.038695933	0.039070201
ENSG00000115073	0.031647286	0.033205303	0.030583724	0.028808899
ENSG00000167978	0.024861472	0.03247382	0.03695222	0.027476036
ENSG00000154040	0.077184468	0.060122332	0.057440452	0.062072524
ENSG00000168356	0.032371662	0.035760717	0.037434606	0.033789812
ENSG00000100354	0.020420135	0.028637711	0.032392953	0.022209331
ENSG00000109991	0.016609653	0.026091856	0.02513059	0.016239305
ENSG00000189050	0.035699866	0.042900568	0.037493458	0.038219147
ENSG00000171433	0.014576352	0.024455444	0.024291241	0.013282949
ENSG00000167291	0.021436468	0.02662444	0.027550564	0.019479879
ENSG00000187097	0.022429178	0.026218325	0.026362785	0.017474038
ENSG00000171201	0.015723125	0.025160213	0.024893678	0.015377294
ENSG00000198001	0.028323208	0.034049213	0.032826849	0.021698525
ENSG00000168152	0.021682206	0.02642388	0.028959306	0.022425036
ENSG00000141905	0.021060017	0.027947548	0.026878899	0.023085657
ENSG00000126778	0.01653449	0.026003272	0.024857607	0.015024883
ENSG00000161055	0.062763421	0.052326597	0.030973134	0.04873854
ENSG00000134982	0.02276813	0.030760167	0.027435804	0.020504511
ENSG00000221886	0.041108767	0.062140055	0.045575256	0.043592576

ENSG00000178110	0.015774213	0.025415083	0.024720979	0.015103582
ENSG00000125850	0.028795743	0.030291653	0.029414852	0.028382638
ENSG00000188162	0.018667055	0.025953466	0.029236065	0.020987546
ENSG00000100592	0.065123607	0.057769665	0.047751341	0.047425552
ENSG00000162032	0.02252823	0.028851035	0.033662292	0.025209135
ENSG00000184402	0.016490421	0.025713605	0.026825652	0.01608492
ENSG00000156411	0.026141576	0.032093056	0.029304768	0.023177767
ENSG00000146904	0.017382888	0.02471835	0.025573466	0.016458469
ENSG00000142330	0.018993671	0.026560374	0.025650647	0.019710463
ENSG00000126858	0.035561371	0.05224956	0.041000728	0.031264317
ENSG00000088367	0.014493256	0.024877595	0.024553327	0.01546901
ENSG00000166813	0.063313422	0.060326098	0.038264801	0.064617162
ENSG00000144724	0.10287471	0.060499061	0.033828333	0.047727494
ENSG00000085721	0.03190515	0.035560971	0.036454947	0.030309358
ENSG00000165502	0.020423044	0.034284717	0.027532332	0.022605239
ENSG00000198937	0.025094047	0.031324709	0.03231205	0.026605196
ENSG00000181449	0.018012778	0.028090647	0.027728944	0.019272116
ENSG00000102967	0.036577823	0.034841129	0.030393585	0.022705832
ENSG00000120094	0.018930474	0.025578255	0.025951253	0.016074435
ENSG00000179119	0.040534099	0.038483903	0.048114558	0.036442541
ENSG00000110717	0.021712696	0.027006215	0.027399014	0.020529957
ENSG00000142731	0.044099817	0.038222838	0.034515129	0.030679066
ENSG00000182578	0.059160706	0.051179529	0.045187899	0.065514899
ENSG00000141434	0.015410056	0.024301683	0.024935195	0.015201366
ENSG00000128872	0.027313767	0.034448427	0.031160595	0.027929233
ENSG00000143595	0.015786814	0.024362349	0.024924661	0.014450509
ENSG00000158125	0.017665453	0.025207292	0.023872521	0.014987132
ENSG00000136861	0.030720042	0.043534782	0.038456036	0.038807873
ENSG00000160185	0.035980277	0.033683733	0.030066231	0.030460485
ENSG00000117152	0.016229564	0.025161151	0.024257208	0.016171677
ENSG00000125895	0.020532904	0.026626184	0.028525926	0.029570214
ENSG00000134153	0.023967221	0.02900101	0.033010725	0.023481386
ENSG00000074370	0.047225844	0.040523202	0.044785447	0.035481851
ENSG00000125888	0.015519514	0.024423698	0.025432954	0.015974414
ENSG00000214517	0.045372819	0.037446631	0.035990264	0.03648298
ENSG00000151789	0.019854492	0.02832769	0.027908642	0.019478535
ENSG00000153896	0.01625303	0.025848606	0.025016831	0.018300955
ENSG00000131558	0.026126553	0.030078203	0.032102904	0.023585133
ENSG00000167552	0.045342333	0.048534735	0.033610153	0.044359306
ENSG00000073536	0.041222225	0.045872825	0.049970199	0.034300131
ENSG00000181804	0.029445487	0.032548944	0.030611941	0.025780026
ENSG00000185594	0.016357946	0.025541367	0.026254732	0.015193217
ENSG00000165246	0.107362889	0.113391932	0.084380631	0.101251084
ENSG00000221946	0.015700491	0.02453891	0.024813815	0.015526688
ENSG00000182836	0.015829692	0.024311531	0.025193772	0.014491256
ENSG00000179988	0.023253858	0.028040931	0.027794772	0.021564588
ENSG00000166831	0.166290929	0.113349064	0.114368238	0.137246964
ENSG00000198799	0.028052814	0.034685596	0.033367516	0.026665069
ENSG00000167741	0.017952154	0.026128913	0.026582231	0.017540427
ENSG00000196468	0.016768081	0.025562119	0.02525782	0.014802103
ENSG00000164038	0.032621606	0.041530441	0.031255532	0.023957559
ENSG00000160959	0.038215738	0.041768866	0.039267202	0.031707474
ENSG00000125871	0.032433848	0.036922183	0.032013256	0.025134187
ENSG00000169020	0.025426341	0.0308089	0.029400084	0.02469468

ENSG0000070950	0.024279192	0.02938014	0.029418777	0.023004111
ENSG00000171462	0.016888449	0.025318545	0.025243391	0.01517161
ENSG00000127688	0.016015605	0.025365827	0.026392201	0.01543472
ENSG0000075415	0.034249392	0.039994635	0.039098172	0.036327837
ENSG00000144043	0.027023731	0.031030503	0.03791996	0.0321264
ENSG0000052126	0.036603016	0.025830244	0.025288809	0.01617427
ENSG00000112983	0.01493414	0.025125405	0.025739959	0.01560545
ENSG00000198538	0.013943713	0.023268802	0.023869161	0.01350916
ENSG00000131236	0.018630783	0.027432992	0.026630805	0.01858277
ENSG00000126787	0.04403211	0.043720308	0.036949109	0.035192448
ENSG00000237077	0.014450626	0.024088517	0.024035573	0.014655891
ENSG00000146859	0.067169282	0.05348084	0.056438274	0.060485404
ENSG00000123179	0.033653855	0.032894964	0.030908461	0.032273229
ENSG00000007264	0.015810304	0.02546367	0.025489045	0.016321675
ENSG00000113161	0.035152297	0.042788553	0.033530236	0.034741128
ENSG00000166377	0.025301258	0.02873675	0.028540566	0.022825699
ENSG00000241935	0.046941873	0.031681487	0.03118416	0.043937302
ENSG00000186118	0.014381236	0.023549413	0.024133212	0.014119496
ENSG00000162604	0.029916105	0.0364698	0.032921881	0.028873911
ENSG00000129159	0.015989175	0.0249253	0.025199456	0.014980624
ENSG00000187325	0.036775531	0.042701647	0.036970233	0.040541509
ENSG00000179046	0.016425042	0.024909529	0.025618816	0.015829936
ENSG00000082516	0.038205238	0.042914532	0.035642145	0.029099077
ENSG00000125650	0.017949915	0.025665199	0.024428275	0.015812384
ENSG00000122068	0.030103703	0.036704983	0.034693673	0.030177721
ENSG00000101188	0.015427077	0.025406463	0.025827421	0.016566306
ENSG00000176922	0.016687144	0.026820727	0.025754343	0.017756129
ENSG00000158669	0.027268607	0.033239106	0.037055289	0.025961787
ENSG00000171817	0.019662401	0.027151587	0.026752118	0.023845418
ENSG00000176887	0.018799552	0.026823861	0.027071486	0.016863454
ENSG00000175048	0.111998754	0.100111557	0.083003457	0.076611209
ENSG00000165092	0.017281943	0.026244432	0.024732491	0.0152863
ENSG00000169410	0.015679395	0.025417281	0.024662546	0.016689785
ENSG00000181761	0.016109448	0.025139034	0.025062975	0.014977717
ENSG00000185013	0.016471412	0.025933295	0.025478236	0.016489965
ENSG00000153443	0.032805967	0.044545984	0.048751724	0.038410405
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ENSG00000090054	0.035286282	0.044323849	0.03882586	0.059192073
ENSG00000127418	0.054395515	0.055461916	0.05459183	0.051986438
ENSG00000183615	0.016124176	0.025335802	0.026189703	0.016035727
ENSG00000215864	0.015677102	0.025431238	0.025148314	0.015721711
ENSG00000100216	0.026009753	0.030372873	0.029001387	0.020832608
ENSG00000101144	0.016721078	0.02423714	0.02624343	0.01625903
ENSG00000131650	0.034953586	0.041155731	0.031240268	0.037204458
ENSG00000104826	0.016128209	0.024592467	0.025498144	0.016398788
ENSG00000167193	0.036163907	0.034612485	0.035273829	0.030722238
ENSG00000103932	0.032612197	0.036418424	0.030154653	0.029258255
ENSG00000136574	0.02362816	0.029764622	0.028981564	0.021076849
ENSG00000186222	0.024512881	0.034329242	0.032264344	0.020385576
ENSG00000177464	0.014911401	0.025164464	0.025290003	0.015655383
ENSG00000179603	0.110377633	0.074422756	0.059048626	0.078815572
ENSG00000188536	0.016741517	0.025428625	0.024789454	0.025269971
ENSG00000156885	0.014369077	0.024227151	0.024450575	0.014264064
ENSG00000147400	0.029849704	0.035776843	0.029674865	0.030340637

ENSG00000107618	0.020435422	0.028134611	0.026241779	0.01735654
ENSG00000124490	0.015784543	0.025066537	0.024620042	0.015250915
ENSG00000069764	0.015306864	0.025020822	0.024765609	0.014904211
ENSG00000169255	0.019199195	0.028138318	0.027441728	0.017874548
ENSG00000143374	0.02404796	0.028131245	0.031197319	0.022869888
ENSG00000162373	0.056330421	0.10200357	0.107114067	0.108518999
ENSG00000198881	0.015722236	0.027165487	0.025495235	0.016097657
ENSG00000164494	0.032600573	0.034603832	0.031327052	0.026266508
ENSG00000176842	0.016707519	0.025050111	0.025785014	0.015669872
ENSG00000140263	0.033664364	0.035594405	0.030679076	0.029644615
ENSG00000008277	0.015959972	0.024671544	0.024674384	0.016071532
ENSG00000138792	0.024100497	0.031204338	0.025808807	0.016674727
ENSG00000130560	0.024523933	0.030994692	0.028724622	0.022841034
ENSG00000148655	0.116848985	0.091965277	0.059723422	0.068335934
ENSG00000135587	0.022915348	0.026561112	0.029522541	0.02045022
ENSG00000112294	0.051039577	0.05236248	0.055739408	0.056830083
ENSG00000174010	0.021064137	0.027468962	0.030803705	0.017743166
ENSG00000103381	0.051220436	0.039340642	0.036058883	0.037549321
ENSG00000242185	0.211503785	0.180000038	0.193335496	0.203610925
ENSG00000116833	0.018724262	0.027278175	0.025880309	0.01817133
ENSG00000198056	0.047584521	0.042474303	0.03484635	0.029295524
ENSG00000173821	0.059719308	0.078506675	0.055460609	0.057956913
ENSG00000163576	0.01714842	0.026549696	0.025271126	0.019721741
ENSG00000130762	0.015800774	0.024638688	0.024612946	0.014358894
ENSG00000100883	0.026209582	0.031814159	0.030741347	0.02408938
ENSG00000138161	0.028553615	0.028228665	0.025957175	0.018612543
ENSG00000244617	0.018137791	0.026900368	0.024957492	0.016662517
ENSG00000141519	0.016986255	0.026422789	0.026571458	0.016854281
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ENSG00000127184	0.014443672	0.024113433	0.024590498	0.016354111
ENSG00000169084	0.024287711	0.027599819	0.02610804	0.027768926
ENSG00000132855	0.014695019	0.023821097	0.024074681	0.014454512
ENSG00000135847	0.026539043	0.029210845	0.030085101	0.023157098
ENSG00000163638	0.016732992	0.025118021	0.024747581	0.015233761
ENSG00000106351	0.031793137	0.03366418	0.029365832	0.02945117
ENSG00000167972	0.044642037	0.045479971	0.031599612	0.048027482
ENSG00000161618	0.033733582	0.035906102	0.03612934	0.034459405
ENSG00000128165	0.016332571	0.02641867	0.026748174	0.017377101
ENSG00000100220	0.024550267	0.033469671	0.033935856	0.025021067
ENSG00000187164	0.06895365	0.04903965	0.041966155	0.061684977
ENSG00000177225	0.033834287	0.035612087	0.032059241	0.029025464
ENSG00000163378	0.046470305	0.045491438	0.046206365	0.051852825
ENSG00000104408	0.018245347	0.026765069	0.025896999	0.018096795
ENSG00000089195	0.033704174	0.043008768	0.040655479	0.03693131
ENSG00000048707	0.018425073	0.029461469	0.02760378	0.022464446
ENSG00000114416	0.020605665	0.028832189	0.027308661	0.021185793
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ENSG00000127463	0.031027186	0.033667633	0.034758516	0.029012473
ENSG00000174776	0.016121028	0.025541819	0.024391767	0.01498648
ENSG00000134056	0.021418754	0.027112021	0.027458425	0.019159724
ENSG00000184154	0.022029152	0.028741938	0.025485028	0.018078327
ENSG00000121361	0.016200869	0.02533734	0.024799632	0.015572553
ENSG00000177030	0.029248715	0.030001065	0.033614508	0.027488094

ENSG00000132635	0.028740305	0.033410703	0.033391888	0.031967527
ENSG00000137821	0.045208885	0.032688397	0.02781206	0.027948666
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ENSG00000108924	0.029019091	0.026435802	0.025802369	0.017756275
ENSG00000114439	0.02786416	0.030375038	0.031254547	0.02232427
ENSG00000203485	0.056218123	0.053304884	0.041501435	0.038912156
ENSG00000100902	0.01977529	0.0277436	0.025899373	0.020711977
ENSG00000156466	0.016970679	0.026350369	0.028346083	0.017468564
ENSG00000100033	0.026451561	0.025534488	0.025582473	0.020464861
ENSG00000090932	0.019438606	0.028975127	0.026796276	0.017130596
ENSG00000204220	0.027277255	0.029714702	0.029604031	0.023824102
ENSG00000135932	0.022248587	0.032305233	0.033010808	0.024153416
ENSG00000160539	0.032243196	0.031373794	0.027403256	0.030826931
ENSG00000109670	0.036979542	0.048464155	0.048635802	0.047245498
ENSG00000176055	0.034218995	0.038502254	0.034829905	0.027734824
ENSG00000163879	0.015981256	0.02475519	0.024436481	0.015922039
ENSG00000146399	0.015503786	0.024253691	0.02541597	0.015005451
ENSG00000014824	0.028229763	0.031731519	0.030198076	0.024368319
ENSG00000164002	0.035138799	0.034041247	0.034283982	0.036088733
ENSG00000145623	0.016410361	0.025166439	0.02467508	0.016013889
ENSG00000163993	0.020336895	0.025176475	0.02648381	0.017450142
ENSG00000124217	0.018945136	0.026984915	0.027066785	0.018975909
ENSG00000115840	0.029270247	0.034528271	0.037268472	0.034501923
ENSG00000149452	0.015051139	0.025222831	0.024999686	0.015463537
ENSG00000124657	0.015096467	0.024555689	0.024272432	0.015728457
ENSG00000067248	0.031108222	0.035875043	0.033819163	0.031013053
ENSG00000165588	0.015871443	0.025418985	0.024350696	0.014573041
ENSG00000221859	0.017566346	0.030084083	0.027894565	0.018928492
ENSG00000171631	0.015535933	0.024917797	0.024406923	0.015281771
ENSG00000164116	0.134284451	0.100672127	0.101039818	0.100496738
ENSG00000187098	0.015100434	0.024553714	0.025933763	0.015870228
ENSG00000092377	0.015894444	0.024996741	0.025320768	0.014891348
ENSG00000158104	0.015447456	0.025414468	0.024565418	0.015309522
ENSG00000140463	0.030272066	0.037191688	0.034878316	0.025904271
ENSG00000204688	0.016876042	0.026825211	0.026527718	0.017555042
ENSG00000214063	0.081961904	0.071078951	0.059299984	0.0736286
ENSG00000166669	0.043644234	0.046729009	0.036583398	0.039415405
ENSG00000058091	0.04517485	0.04750042	0.042778682	0.042684045
ENSG00000148335	0.029363096	0.029172116	0.03017272	0.023704726
ENSG00000173530	0.036122601	0.035937422	0.032687061	0.02403242
ENSG00000188215	0.020378576	0.027942038	0.030903422	0.01699885
ENSG00000157399	0.015222	0.024872576	0.024761965	0.014907451
ENSG00000204264	0.026654244	0.031636244	0.029757911	0.026696166
ENSG00000144401	0.029855228	0.030913471	0.029965078	0.029363573
ENSG00000164729	0.015977759	0.02448009	0.024520725	0.014248892
ENSG00000174106	0.030204235	0.034228088	0.033344658	0.026868823
ENSG00000189067	0.020260015	0.02783079	0.032231025	0.023056012
ENSG00000179886	0.04365618	0.044182818	0.042278652	0.041328894
ENSG00000213780	0.03023948	0.03647124	0.032082279	0.028813951
ENSG00000101460	0.017474985	0.026956685	0.02620672	0.016086209
ENSG00000129355	0.016028403	0.024702799	0.025213946	0.015816429
ENSG00000074590	0.014915389	0.025149689	0.024539732	0.015374653
ENSG00000163257	0.026397574	0.03282942	0.032759015	0.027633729
ENSG00000134317	0.020056022	0.025207965	0.025470715	0.016800487

ENSG00000166510	0.018631456	0.030713574	0.028112873	0.01962518
ENSG00000105248	0.034014005	0.038279638	0.045086134	0.029855145
ENSG00000129028	0.057698254	0.056823135	0.04071462	0.043462863
ENSG00000206562	0.030416658	0.035597314	0.033916696	0.026750643
ENSG00000249853	0.018088668	0.024884044	0.026288638	0.016732665
ENSG00000187713	0.02304005	0.030557615	0.032085339	0.020519977
ENSG00000178201	0.018393429	0.027139415	0.026436648	0.017245363
ENSG00000148835	0.034546647	0.041438501	0.033803817	0.025552342
ENSG00000156687	0.019114029	0.025575851	0.028198567	0.017065767
ENSG00000105825	0.125706804	0.086600902	0.060376573	0.066429535
ENSG00000155966	0.017630621	0.027155867	0.026523214	0.015260484
ENSG00000131013	0.024068942	0.028427218	0.028945964	0.023365368
ENSG00000084112	0.027868604	0.03347291	0.036020942	0.028520075
ENSG00000145020	0.02854162	0.032442777	0.031526954	0.034037066
ENSG00000133149	0.017469613	0.029811353	0.027487191	0.020094393
ENSG00000113361	0.015671416	0.025057228	0.024424872	0.014512363
ENSG00000182870	0.032518153	0.034650029	0.029816639	0.027030921
ENSG00000107485	0.091602974	0.064615731	0.055762688	0.069438196
ENSG00000197162	0.020818058	0.027619148	0.026726921	0.022283101
ENSG00000163545	0.023564425	0.029297072	0.027483042	0.026784061
ENSG00000160953	0.04416269	0.043513757	0.042270739	0.044171712
ENSG00000184500	0.018844893	0.02847975	0.025295607	0.017372038
ENSG00000113448	0.019517705	0.026774633	0.028694346	0.029950538
ENSG00000169223	0.029151559	0.028220631	0.028952838	0.024054576
ENSG00000105808	0.041008187	0.039285719	0.040814374	0.034780573
ENSG00000163938	0.02486641	0.029571116	0.030368498	0.024007372
ENSG00000161204	0.020445256	0.027300011	0.03175768	0.022355821
ENSG00000130037	0.016933105	0.028962933	0.02537475	0.016870174
ENSG00000104825	0.025596504	0.028758945	0.034685291	0.031806275
ENSG00000116005	0.036850417	0.034598641	0.036543857	0.038095785
ENSG00000167098	0.016164329	0.024882244	0.025970569	0.016523276
ENSG00000198298	0.026185432	0.029015805	0.031054526	0.023113903
ENSG00000131779	0.027700767	0.031233819	0.032671501	0.022840959
ENSG00000048545	0.015296415	0.025836104	0.024553587	0.015304713
ENSG00000187714	0.015321559	0.025276803	0.025092208	0.014353092
ENSG00000161940	0.020707322	0.034611766	0.034392015	0.028857902
ENSG00000204619	0.024773274	0.032226159	0.032213749	0.02388225
ENSG00000152804	0.121615389	0.083808655	0.078409192	0.10560598
ENSG00000163743	0.03105033	0.036563112	0.037539692	0.029843916
ENSG00000139880	0.016030972	0.027000549	0.026575368	0.016347448
ENSG00000108395	0.035943389	0.038842529	0.033449346	0.037623193
ENSG00000175643	0.056459103	0.060236954	0.05171736	0.040259212
ENSG00000112624	0.024714041	0.031167358	0.030900453	0.021862713
ENSG00000138755	0.121802443	0.093333464	0.031205425	0.114317489
ENSG00000172757	0.025844798	0.029943007	0.030160323	0.029251104
ENSG00000198830	0.025832229	0.028400079	0.02627557	0.02303981
ENSG00000165732	0.033914049	0.03852396	0.037615938	0.033271368
ENSG00000115526	0.038781004	0.038113798	0.047281394	0.052201524
ENSG00000100263	0.028380743	0.032675599	0.037844042	0.030116426
ENSG00000070476	0.027109035	0.03080511	0.033078278	0.024756038
ENSG00000108551	0.022954982	0.0264171	0.025290011	0.017788286
ENSG00000124212	0.015871125	0.025003344	0.024836844	0.0147031
ENSG00000102098	0.016219924	0.025793437	0.027207761	0.017841435
ENSG00000156531	0.042447829	0.054899037	0.039993955	0.038025811

ENSG00000152942	0.014271253	0.02546565	0.025346475	0.016048391
ENSG00000119906	0.03967196	0.048369916	0.040339724	0.03153602
ENSG00000186448	0.024080977	0.031637448	0.029578355	0.023241799
ENSG00000182473	0.03014428	0.032389075	0.034457806	0.028005101
ENSG00000103544	0.025598073	0.03225558	0.02760569	0.026963708
ENSG00000175183	0.112158225	0.091521249	0.067732005	0.098006295
ENSG00000108984	0.040259097	0.045193751	0.038099297	0.033828685
ENSG00000133657	0.026135833	0.026338873	0.029463693	0.02112417
ENSG00000198189	0.040417855	0.036064139	0.037362751	0.030109644
ENSG00000154917	0.031107215	0.033462243	0.038651372	0.02511198
ENSG00000204610	0.016142709	0.025055148	0.024732599	0.01470156
ENSG00000151883	0.032355963	0.038365662	0.037052207	0.02650072
ENSG00000128309	0.038116901	0.031266328	0.034140414	0.041098676
ENSG00000149218	0.070070374	0.051374811	0.048505462	0.051051015
ENSG00000197903	0.044120463	0.054231839	0.048367458	0.042747181
ENSG00000230522	0.017613265	0.027033696	0.024276604	0.014722609
ENSG00000122718	0.015253597	0.025956209	0.026053078	0.016876179
ENSG00000197044	0.022212627	0.025408366	0.025772618	0.020662096
ENSG00000111799	0.016234118	0.024368927	0.024521014	0.015261252
ENSG00000182447	0.015584634	0.024567523	0.025737021	0.015970399
ENSG00000169756	0.034621299	0.034105499	0.033148591	0.027564372
ENSG00000104756	0.039071993	0.042398728	0.037101306	0.035017979
ENSG00000197849	0.016989946	0.025795426	0.025251813	0.016494936
ENSG00000168748	0.015668807	0.02457584	0.025069935	0.015770248
ENSG00000170315	0.014624089	0.024647619	0.025014036	0.015665376
ENSG00000115956	0.025287463	0.031899716	0.033092844	0.030843985
ENSG00000079387	0.04373737	0.045673607	0.037393289	0.039599184
ENSG00000156508	0.013152077	0.023545511	0.023844292	0.014093267
ENSG00000167800	0.0155988	0.026020168	0.025228811	0.017416103
ENSG00000104517	0.029727592	0.036767254	0.033074677	0.024567256
ENSG00000155666	0.017787712	0.026623976	0.026247129	0.016945522
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ENSG00000136244	0.052260007	0.031213926	0.032323722	0.036203065
ENSG00000155850	0.038421729	0.036529363	0.033602399	0.029827544
ENSG00000138621	0.017387894	0.025119054	0.026367839	0.01505795
ENSG00000077935	0.026975794	0.026457734	0.028295653	0.017976079
ENSG00000100979	0.025404667	0.035386054	0.033792106	0.025083647
ENSG00000002746	0.014451969	0.024547142	0.024057363	0.014233102
ENSG00000137491	0.075335782	0.074401934	0.062454291	0.066142722
ENSG00000111752	0.046116178	0.054103637	0.047557585	0.051297415
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ENSG00000183856	0.038873188	0.038564704	0.03827959	0.033798118
ENSG00000165794	0.015696896	0.024959342	0.025437147	0.01518853
ENSG00000095110	0.016068527	0.024755516	0.025242129	0.015041064
ENSG00000107371	0.025714109	0.031769357	0.029209221	0.026194657
ENSG00000131626	0.038797704	0.035404544	0.03783513	0.034221889
ENSG00000115942	0.037772985	0.037731256	0.03281249	0.023218493
ENSG00000134287	0.027472617	0.033377492	0.030652878	0.029487027
ENSG00000130921	0.033789016	0.035725526	0.033015785	0.031293049
ENSG00000186207	0.014307843	0.02521258	0.024925932	0.015202511
ENSG00000104938	0.017195156	0.025639085	0.026270717	0.017195845
ENSG00000132024	0.025364691	0.028181242	0.031276657	0.024189885
ENSG00000127831	0.028258837	0.025799835	0.0253129	0.016477031
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ENSG00000069974	0.048656877	0.045264767	0.046854564	0.052475981
ENSG00000198374	0.046539223	0.041281225	0.052144981	0.04922617
ENSG00000185633	0.035552374	0.059293516	0.034241418	0.032825744
ENSG00000153814	0.056311476	0.040410554	0.036421221	0.053060381
ENSG00000160282	0.017510013	0.028040284	0.027903207	0.018314431
ENSG00000123352	0.030559698	0.035076115	0.033267534	0.026119472
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ENSG00000219438	0.038888361	0.037706296	0.027848784	0.021341218
ENSG00000100522	0.02404236	0.027788801	0.028863823	0.02089631
ENSG00000006756	0.020772474	0.02706534	0.025943162	0.01936599
ENSG00000164574	0.015721373	0.024527799	0.024026817	0.015501992
ENSG00000182179	0.028182798	0.034381465	0.03304126	0.029841352
ENSG00000173334	0.064687236	0.051485245	0.059301725	0.059480217
ENSG00000169807	0.015803755	0.02420156	0.024320627	0.015199472
ENSG00000179751	0.021157639	0.027909874	0.028872422	0.021204014
ENSG00000179933	0.015637257	0.024687758	0.024463144	0.015267477
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ENSG00000126653	0.028401398	0.035555698	0.036122624	0.02357217
ENSG00000128283	0.016659649	0.025620548	0.026080713	0.015552835
ENSG00000109667	0.016419967	0.025616191	0.024750137	0.016353886
ENSG00000016864	0.038189858	0.044230585	0.041135769	0.046390847
ENSG00000232434	0.014558171	0.023784664	0.024343284	0.015181033
ENSG00000188000	0.027370458	0.034433687	0.034635466	0.035206755
ENSG00000128604	0.064445189	0.060795056	0.064323904	0.049555845
ENSG00000161594	0.019445918	0.026558982	0.025912855	0.019222986
ENSG00000170509	0.020935784	0.031987155	0.027021365	0.022903077
ENSG00000088833	0.033801444	0.03954862	0.037690878	0.030231827
ENSG00000163684	0.030046745	0.037500794	0.040500411	0.028029675
ENSG00000123124	0.028559547	0.031565944	0.031250579	0.024267408
ENSG00000148204	0.01748322	0.026038622	0.027995374	0.019933178
ENSG00000099821	0.026522477	0.031690329	0.031567772	0.02593455
ENSG00000160223	0.025812893	0.03336381	0.032868771	0.027157316
ENSG00000167165	0.01613579	0.02476449	0.024349429	0.015282284
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ENSG00000183798	0.016080336	0.023718495	0.024569235	0.014990497
ENSG00000146469	0.016691676	0.026806556	0.02493766	0.015421663
ENSG00000064651	0.043665056	0.051408014	0.054005995	0.054110311
ENSG00000197563	0.017346115	0.025690172	0.025618215	0.016132012
ENSG00000163041	0.039315051	0.034785432	0.033441726	0.03936927
ENSG00000186891	0.115968942	0.075234174	0.075623701	0.08242764
ENSG00000127445	0.023672851	0.028961737	0.027459626	0.021370581
ENSG00000114248	0.065227216	0.075565052	0.044837953	0.040716973
ENSG00000164068	0.020604098	0.031000681	0.027284251	0.022654336

ENSG00000137760	0.031775045	0.031880754	0.032016736	0.028757164
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ENSG00000119844	0.024694456	0.034354223	0.032048105	0.027932666
ENSG00000170855	0.026987577	0.030064746	0.029457846	0.023203632
ENSG00000180354	0.05446796	0.065455145	0.044908528	0.057420355
ENSG00000197006	0.03678573	0.037006101	0.036382757	0.029658536
ENSG00000162039	0.015904733	0.024645712	0.024738829	0.014773639
ENSG00000163106	0.023220009	0.025787821	0.026597622	0.017693965
ENSG00000011478	0.020620029	0.028235503	0.026351333	0.0190629
ENSG00000143669	0.043955934	0.046847338	0.042816748	0.042230046
ENSG00000076944	0.027586914	0.029742386	0.033211683	0.023365839
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ENSG00000142627	0.02133993	0.028319612	0.027091039	0.021095129
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ENSG00000099804	0.024044846	0.031643681	0.031893097	0.025499745
ENSG00000137808	0.01821761	0.025660995	0.025458154	0.017055688
ENSG00000001617	0.014877451	0.024623375	0.024769341	0.014448891
ENSG00000125691	0.01848926	0.026111924	0.025020656	0.023562537
ENSG00000082996	0.018164851	0.024659454	0.02607166	0.017726565
ENSG00000060642	0.037620601	0.039862028	0.032920386	0.029096425
ENSG00000186393	0.015261053	0.026022185	0.024151669	0.015651632
ENSG00000168826	0.017369456	0.025481758	0.025422648	0.014873702
ENSG00000065665	0.028684369	0.031941667	0.031263036	0.027509187
ENSG00000178150	0.061543007	0.057581169	0.050522807	0.051463041
ENSG00000115593	0.019362449	0.02674563	0.025121293	0.018246847
ENSG00000124772	0.049707876	0.0424604	0.053267185	0.052119652
ENSG00000145545	0.030165311	0.036084864	0.033325742	0.026314361
ENSG00000114098	0.035562772	0.035606956	0.038321918	0.037164965
ENSG00000115368	0.043278006	0.035492412	0.034691364	0.043794527
ENSG00000174885	0.015354147	0.025574607	0.025520053	0.015674602
ENSG00000162843	0.016775302	0.026267631	0.024687315	0.015977763
ENSG00000165175	0.057285732	0.053605445	0.04802007	0.059915156
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ENSG00000110169	0.020511606	0.027683658	0.026560754	0.016575549
ENSG00000163519	0.060023681	0.026505669	0.02457805	0.031856684
ENSG00000164414	0.042210896	0.044855528	0.034962439	0.029944257
ENSG00000183273	0.015584824	0.024154988	0.025682978	0.015283795
ENSG00000087470	0.035992877	0.046525782	0.031771529	0.029615757
ENSG00000232040	0.018128531	0.02557928	0.025525736	0.018072724
ENSG00000115289	0.021378614	0.026991232	0.033547157	0.023400238
ENSG00000100030	0.037866481	0.036674153	0.039129547	0.037244065
ENSG00000141376	0.087423375	0.058058188	0.056988382	0.045869925
ENSG00000204482	0.022676938	0.025976675	0.026329829	0.015939327
ENSG00000241322	0.01651918	0.025990148	0.024938889	0.016023668
ENSG00000163975	0.018664479	0.026872556	0.026026907	0.017147793
ENSG00000204410	0.03367217	0.03292244	0.031475978	0.024517723
ENSG00000164934	0.032259552	0.034841732	0.032696972	0.030483885
ENSG00000112110	0.026912385	0.030627408	0.027778124	0.020989262
ENSG00000180881	0.01802139	0.025947211	0.025344076	0.01550536
ENSG00000102313	0.015580058	0.025340517	0.025386836	0.015286216
ENSG00000164111	0.03908082	0.032678886	0.033779939	0.036452628

ENSG00000140450	0.023501223	0.064827639	0.048230476	0.043269025
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ENSG00000160113	0.048870014	0.043224462	0.041574581	0.041647189
ENSG00000164327	0.024324285	0.028791356	0.033784	0.021211663
ENSG00000204956	0.01681238	0.025170065	0.026475824	0.015329759
ENSG00000135248	0.0168181	0.026454896	0.026319128	0.015942741
ENSG00000121380	0.020224082	0.026902902	0.026430396	0.017732114
ENSG00000244731	0.024570731	0.027617073	0.02705748	0.029540365
ENSG00000182827	0.0306492	0.033701956	0.033589353	0.028845933
ENSG00000132912	0.031581652	0.037120353	0.034933231	0.029452923
ENSG00000164221	0.038647651	0.144014226	0.140043487	0.033520016
ENSG00000112249	0.033848036	0.040066466	0.029056641	0.030291137
ENSG00000125245	0.075212238	0.055133936	0.065776733	0.080426684
ENSG00000236249	0.049035513	0.024855888	0.026094453	0.015260968
ENSG00000143819	0.017618233	0.024921131	0.026574288	0.015877643
ENSG00000175416	0.016295168	0.024095281	0.025091025	0.015418211
ENSG00000149357	0.021278674	0.026548541	0.02959082	0.025727852
ENSG00000185306	0.015132717	0.024703024	0.024814842	0.015109266
ENSG00000110921	0.030101768	0.032856759	0.031500746	0.027014478
ENSG00000130032	0.016609278	0.024797049	0.02497241	0.016307784
ENSG00000177971	0.021213964	0.027504062	0.028338902	0.017001076
ENSG00000178078	0.060244322	0.050220805	0.05119139	0.043366988
ENSG00000103310	0.015669753	0.025143614	0.025185645	0.014969077
ENSG00000116539	0.022639951	0.028444505	0.025792896	0.01867247
ENSG00000144199	0.028988465	0.030623967	0.029319862	0.025161291
ENSG00000158417	0.024067617	0.03027347	0.028575886	0.019618034
ENSG00000240263	0.015398936	0.024901138	0.024039222	0.015111409
ENSG00000124019	0.016126564	0.02501213	0.026046572	0.01623091
ENSG00000124780	0.015398089	0.025027149	0.024296366	0.015633426
ENSG00000188612	0.029953943	0.034490476	0.027998268	0.023937496
ENSG00000114054	0.02591	0.028309786	0.030868519	0.025997488
ENSG00000118231	0.015638497	0.025216448	0.024634513	0.014941233
ENSG00000071655	0.033342955	0.035692592	0.036725726	0.028933137
ENSG00000011347	0.017543528	0.026727857	0.026008154	0.017046865
ENSG00000138185	0.037224487	0.039522652	0.043939931	0.034670695
ENSG00000173621	0.043688668	0.040129011	0.04055129	0.037177337
ENSG00000139624	0.038440359	0.035102569	0.034346738	0.037295384
ENSG00000096717	0.034628336	0.039912277	0.044299027	0.035823833
ENSG00000157326	0.033762506	0.041186071	0.039871327	0.044610243
ENSG00000087116	0.015439959	0.024478134	0.024410317	0.01508983
ENSG00000161813	0.04047903	0.041775485	0.038100418	0.039389379
ENSG00000004939	0.017849387	0.026918896	0.026328202	0.016462997
ENSG00000112782	0.018482831	0.025578135	0.025676699	0.019867
ENSG00000152404	0.02798186	0.036198638	0.03079983	0.027575141
ENSG00000155087	0.024575458	0.034170307	0.027042467	0.022405855
ENSG00000105737	0.016517773	0.026251342	0.025011388	0.01623873
ENSG00000162623	0.048056666	0.037897507	0.035450263	0.047444336
ENSG00000146278	0.020796059	0.030622268	0.029090543	0.028575063
ENSG00000105171	0.022971337	0.027996118	0.029144674	0.021123519
ENSG00000142178	0.064511565	0.05799182	0.051659658	0.055141748
ENSG00000160967	0.034626784	0.035422879	0.034555113	0.029733452
ENSG00000181004	0.015306401	0.025044573	0.024606263	0.015295993
ENSG00000180914	0.066325851	0.046986192	0.052001062	0.06401852
ENSG00000142082	0.033491689	0.045804333	0.039953722	0.033072421

ENSG00000175354	0.031924612	0.040703793	0.036091503	0.027560039
ENSG00000123407	0.015858791	0.026117282	0.025639591	0.016121632
ENSG00000164190	0.028332708	0.03430503	0.032318267	0.029029431
ENSG00000132622	0.016558103	0.023699034	0.024771569	0.015198933
ENSG00000168131	0.028313821	0.028870333	0.026451955	0.023472838
ENSG00000139053	0.015596662	0.025713385	0.025055134	0.016448367
ENSG00000184675	0.026231455	0.033028083	0.032491113	0.027204004
ENSG00000120068	0.021619642	0.030071207	0.028429415	0.02231372
ENSG00000176273	0.040006443	0.038394348	0.048307727	0.040995678
ENSG00000173805	0.01591345	0.025751845	0.024361977	0.015753286
ENSG00000157782	0.090445269	0.076250832	0.062236659	0.073377078
ENSG00000170909	0.017621209	0.027241321	0.027226866	0.018725961
ENSG00000115998	0.03443373	0.037120838	0.032832849	0.030820369
ENSG00000135341	0.022447745	0.031940823	0.031898631	0.021232947
ENSG00000138674	0.020662554	0.028179934	0.030980161	0.021534772
ENSG00000132740	0.031294942	0.036362395	0.033968683	0.026554687
ENSG00000170310	0.030214961	0.029508032	0.030673456	0.024695085
ENSG00000102531	0.034604941	0.034442052	0.031619777	0.033226241
ENSG00000134207	0.016739269	0.026573056	0.025965533	0.016028892
ENSG00000013016	0.03228537	0.034793157	0.028018827	0.022375971
ENSG00000163092	0.01722862	0.025029991	0.024862246	0.017877496
ENSG00000240972	0.019970954	0.02486369	0.025715898	0.017610947
ENSG00000198133	0.016852814	0.024845488	0.0255371	0.015901488
ENSG00000164713	0.036019599	0.037332973	0.032809698	0.029213544
ENSG00000196754	0.028951047	0.038076249	0.034657862	0.030282264
ENSG00000134258	0.017113795	0.025435513	0.026356761	0.017057875
ENSG00000077097	0.027369234	0.03469105	0.034446538	0.027863819
ENSG00000130449	0.0224411	0.027466308	0.027319367	0.021647282
ENSG00000180182	0.017291802	0.027789788	0.027272376	0.016739296
ENSG00000139537	0.016570378	0.024300701	0.024947912	0.014710767
ENSG00000179388	0.056227172	0.042846278	0.048923608	0.047614922
ENSG00000137575	0.03883748	0.038356404	0.038101781	0.030631677
ENSG00000121211	0.051270314	0.038290188	0.03609787	0.035122038
ENSG00000130234	0.01841537	0.025451627	0.027482991	0.015890376
ENSG00000102104	0.018788974	0.028573286	0.026728974	0.02111508
ENSG00000109171	0.028509523	0.040406134	0.036800325	0.031074205
ENSG00000137801	0.042053903	0.030936421	0.036144003	0.024157263
ENSG00000148175	0.039463495	0.049424333	0.049762659	0.038021189
ENSG00000140986	0.016502617	0.024934496	0.024846092	0.0158534
ENSG00000123213	0.042394151	0.040732643	0.033660811	0.036735344
ENSG00000145526	0.015552176	0.025043222	0.024565986	0.014001544
ENSG00000197140	0.017347722	0.027557393	0.026769428	0.017527827
ENSG00000134200	0.016131826	0.027499526	0.025736205	0.01593123
ENSG00000133731	0.030022042	0.035870709	0.033185152	0.025177869
ENSG00000036054	0.031474079	0.037621655	0.043909703	0.038709414
ENSG00000182240	0.082283202	0.072559708	0.096344168	0.100689934
ENSG00000149177	0.020129531	0.027130576	0.026340894	0.016665725
ENSG00000106404	0.037868074	0.039021921	0.042691736	0.038691873
ENSG00000173264	0.017031888	0.026612181	0.025661229	0.017582996
ENSG00000166938	0.049587184	0.046292813	0.040373263	0.037236777
ENSG00000083444	0.040503964	0.041893275	0.040226985	0.030500993
ENSG00000159216	0.061566201	0.03814275	0.040802578	0.054298463
ENSG00000163564	0.027740499	0.033629484	0.035309978	0.038500486
ENSG00000140993	0.037775404	0.039391117	0.035262367	0.035607538

ENSG00000174225	0.01291491	0.023383165	0.023328863	0.012931429
ENSG00000171298	0.034210799	0.036938341	0.034483006	0.033647293
ENSG00000129084	0.033434558	0.035771067	0.035630031	0.030953624
ENSG00000117245	0.015482448	0.025110822	0.024998304	0.015852659
ENSG00000185565	0.080874562	0.060463841	0.061132076	0.074661746
ENSG00000124749	0.016259772	0.024903027	0.026137202	0.015626073
ENSG00000122694	0.048785714	0.060058819	0.056649023	0.057906484
ENSG0000067334	0.031331413	0.034908496	0.038698098	0.029789322
ENSG00000075035	0.018549906	0.026229385	0.028897953	0.016886562
ENSG00000124578	0.016242455	0.025690684	0.02630969	0.016519196
ENSG00000151650	0.015811567	0.025067315	0.025550169	0.01568386
ENSG00000100316	0.017480591	0.024858636	0.025839191	0.018025267
ENSG00000174695	0.02941385	0.033666424	0.03251141	0.023112822
ENSG00000163608	0.022218601	0.031347572	0.032187224	0.022318562
ENSG00000198700	0.030672493	0.035463551	0.029641723	0.023860859
ENSG00000164970	0.028098725	0.032414995	0.029634551	0.0282315
ENSG00000205176	0.016510097	0.025024354	0.024616596	0.014953366
ENSG00000198807	0.016329762	0.025503498	0.024599949	0.015005377
ENSG00000169359	0.035381802	0.037701218	0.042042083	0.036749897
ENSG00000189377	0.017104595	0.025517917	0.025184744	0.017629188
ENSG00000120137	0.024987795	0.030063232	0.028658092	0.020118058
ENSG00000109065	0.023821548	0.030446828	0.032694649	0.025459936
ENSG00000049130	0.01741814	0.025932357	0.026439116	0.016174314
ENSG00000130876	0.016552044	0.024742709	0.025144613	0.015386283
ENSG00000168071	0.037160103	0.040253758	0.040462148	0.028821212
ENSG00000183527	0.029379978	0.029943022	0.029138917	0.029576795
ENSG00000146072	0.118517012	0.083957837	0.068882302	0.084945032
ENSG00000170606	0.022941677	0.029194391	0.028429107	0.023035997
ENSG00000169621	0.016288204	0.026402361	0.025160539	0.016446086
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ENSG00000169155	0.030093904	0.046888144	0.044624324	0.028374163
ENSG00000130675	0.118589109	0.080317578	0.075283293	0.097969133
ENSG00000100722	0.024984903	0.031074036	0.032643317	0.02392289
ENSG00000189212	0.032395566	0.028969059	0.026482491	0.023491487
ENSG00000173991	0.01551324	0.025679413	0.025032757	0.015874376
ENSG00000204257	0.028956982	0.034405161	0.035011436	0.038466685
ENSG00000145794	0.015160849	0.023671437	0.024387212	0.014044908
ENSG00000149136	0.027125316	0.027680326	0.02953811	0.02417209
ENSG00000148288	0.058795382	0.053280053	0.052591837	0.063673655
ENSG00000147873	0.01679428	0.025424573	0.02510894	0.01579541
ENSG00000197576	0.017365671	0.025299548	0.025471685	0.014929302
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ENSG00000143155	0.044211608	0.045063471	0.050432974	0.055322355
ENSG00000144647	0.020503715	0.026497483	0.025691006	0.02000956
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ENSG00000125538	0.104471005	0.111365919	0.094954808	0.093325509
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ENSG00000165983	0.064381884	0.071816054	0.060761396	0.054250608
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ENSG00000074317	0.018106769	0.024964643	0.025641584	0.016446836
ENSG00000119446	0.030184377	0.036230325	0.030300609	0.022604409
ENSG00000174007	0.030562348	0.029839883	0.033290107	0.02579777
ENSG00000115290	0.018457321	0.02825238	0.027377432	0.0182528
ENSG00000172938	0.015352513	0.024609248	0.025132398	0.014138033
ENSG00000147677	0.019383163	0.02661768	0.026473887	0.019353373
ENSG00000172940	0.017348066	0.024900607	0.025300701	0.016112961
ENSG00000157593	0.024772624	0.036404768	0.038184256	0.031758641
ENSG00000115514	0.035728834	0.040184134	0.036836726	0.05575011
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ENSG00000131018	0.017577178	0.028687521	0.026169683	0.01710895
ENSG00000102359	0.017967623	0.026125721	0.02627761	0.017748019
ENSG00000125571	0.016092914	0.024140945	0.024980252	0.01650406
ENSG00000131351	0.042004501	0.033743006	0.034841249	0.029691088
ENSG00000181218	0.069434923	0.058744395	0.050049424	0.053288921
ENSG00000181656	0.014222854	0.025036394	0.025828308	0.01531254
ENSG00000164743	0.023015452	0.02633817	0.028689253	0.019045006
ENSG00000100330	0.024569402	0.031139364	0.036939828	0.022669296
ENSG00000172476	0.017755285	0.026048692	0.025423343	0.025184619
ENSG00000172070	0.063106017	0.042291448	0.054281149	0.039887385
ENSG00000165359	0.02898342	0.035000562	0.032276286	0.025306633
ENSG00000141401	0.077972183	0.060187007	0.050818101	0.054428794
ENSG00000134748	0.034967438	0.036201931	0.037047798	0.032792645
ENSG00000134014	0.02499076	0.033494675	0.031023558	0.02225908
ENSG00000125430	0.019596032	0.026384775	0.026277586	0.019996898
ENSG00000204248	0.020919144	0.025627148	0.025720766	0.018521721
ENSG00000125823	0.015829156	0.024966292	0.025101626	0.015243666
ENSG00000205810	0.01809156	0.027586204	0.025669665	0.01634929
ENSG00000186635	0.016525704	0.025200029	0.027371965	0.016433816
ENSG00000186994	0.024687908	0.029069902	0.026861424	0.023653499
ENSG00000141026	0.031046357	0.037203886	0.036231469	0.030912061
ENSG00000104221	0.027725188	0.033199939	0.039960011	0.02662117
ENSG00000130943	0.015238411	0.02581235	0.025194108	0.016360099
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ENSG00000170954	0.060929553	0.051305392	0.0560297	0.06335567
ENSG00000115380	0.015468439	0.025745188	0.02524202	0.016027538
ENSG00000122257	0.039620789	0.036969546	0.029197807	0.032247796
ENSG00000119801	0.02942241	0.036375674	0.037778792	0.026584647
ENSG00000132128	0.031235024	0.038073057	0.033461633	0.02668294
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ENSG00000163961	0.023293599	0.02815074	0.027943524	0.019886651
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ENSG00000204394	0.04374855	0.04113133	0.03933508	0.039067739
ENSG00000126460	0.047384017	0.048244988	0.04115174	0.061162143
ENSG00000137076	0.032029536	0.047201564	0.040303804	0.038633342
ENSG00000166788	0.031426267	0.030672067	0.028747457	0.02691766
ENSG00000040531	0.031315011	0.03325788	0.034503202	0.027256488

ENSG00000149131	0.018164566	0.025253659	0.024832245	0.01660493
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ENSG00000186094	0.016168715	0.02456321	0.024775953	0.015127065
ENSG00000155561	0.027014352	0.034058352	0.028193811	0.022141692
ENSG00000139505	0.032868508	0.039138849	0.04183634	0.039539782
ENSG00000179051	0.024705106	0.030490144	0.03190584	0.027250294
ENSG00000106211	0.054511869	0.041986111	0.048569151	0.050581929
ENSG00000149948	0.058520935	0.027991488	0.033449693	0.016787037
ENSG00000179630	0.017201946	0.027000953	0.02585751	0.017299269
ENSG00000149532	0.015766287	0.026173898	0.025611862	0.017524022
ENSG00000134109	0.033921071	0.034858641	0.035477767	0.026741785
ENSG00000100150	0.021910609	0.02904496	0.028057056	0.019609338
ENSG00000205929	0.015615363	0.0246893	0.027328165	0.016344453
ENSG00000173218	0.021857098	0.024405589	0.025416866	0.020631974
ENSG00000156931	0.027768154	0.030210246	0.030329581	0.027411123
ENSG00000185432	0.090155767	0.074203184	0.087868253	0.107761742
ENSG00000125084	0.016070783	0.025267751	0.024637959	0.014666119
ENSG00000196116	0.031900955	0.038011866	0.033964101	0.029030732
ENSG00000136450	0.024153574	0.028820347	0.027480431	0.023611195
ENSG00000142599	0.04468405	0.042934102	0.03959438	0.0385542
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ENSG00000196683	0.019058836	0.027364978	0.026373849	0.022666804
ENSG00000113578	0.015516751	0.024576901	0.026045824	0.016277433
ENSG00000177469	0.016911017	0.025577513	0.027762657	0.015800827
ENSG00000169047	0.03233685	0.03743855	0.035508761	0.025831757
ENSG00000172116	0.018034524	0.026396233	0.02537018	0.015628111
ENSG00000066294	0.058304591	0.046627294	0.046951207	0.047819646
ENSG00000106399	0.02968309	0.030102604	0.028825687	0.020534101
ENSG00000100162	0.048239151	0.03803154	0.030495223	0.03450353
ENSG00000188338	0.01578546	0.024705689	0.024622818	0.015733097
ENSG00000185252	0.019054836	0.027665873	0.025708505	0.017883682
ENSG00000169905	0.023117244	0.031183389	0.027429837	0.020162542
ENSG00000074211	0.017938531	0.025968763	0.02496045	0.015029828
ENSG00000161010	0.018787794	0.025042135	0.027077019	0.018834509
ENSG00000163625	0.015686288	0.02500443	0.024173544	0.015487662
ENSG00000085274	0.0267701	0.032866864	0.034181224	0.021871742
ENSG00000146809	0.018431	0.025809577	0.025565432	0.017493038
ENSG00000134075	0.024183667	0.034515893	0.031637081	0.023636093
ENSG00000198088	0.052337071	0.047145938	0.043824948	0.035425656
ENSG00000039139	0.015677686	0.025267741	0.025153462	0.014224439
ENSG00000007171	0.018482003	0.025863056	0.028034846	0.016079047
ENSG00000135175	0.016380334	0.02436459	0.024453775	0.014737359
ENSG00000100014	0.015801538	0.025564793	0.024175472	0.015727238
ENSG00000163218	0.021440787	0.025740308	0.026100401	0.017597269
ENSG00000107816	0.031619898	0.0323438	0.030174919	0.026844737
ENSG00000091947	0.026249411	0.030773388	0.031635364	0.021978077
ENSG00000112414	0.015625375	0.024295596	0.025166268	0.015019885
ENSG00000167523	0.035163726	0.034404392	0.035732953	0.033555923
ENSG00000138604	0.059278457	0.050919634	0.032658614	0.036825283
ENSG00000196937	0.042376939	0.043484779	0.04036711	0.036368151
ENSG00000112146	0.017724873	0.026296936	0.027185793	0.018536364
ENSG00000122375	0.018502731	0.024972475	0.025214377	0.018162738
ENSG00000102760	0.081407933	0.057562186	0.050530622	0.062101242
ENSG00000088926	0.018380066	0.026618079	0.026593053	0.018012493

ENSG00000185158	0.026072868	0.030560946	0.031053596	0.031324398
ENSG00000197901	0.015884482	0.024620341	0.025433599	0.015156428
ENSG00000146143	0.037379657	0.040757462	0.032403615	0.026190536
ENSG00000205544	0.021111248	0.027418982	0.027570941	0.026284887
ENSG00000174514	0.018518685	0.025452752	0.024846852	0.016755919
ENSG00000157036	0.041105104	0.034708283	0.03893491	0.043603488
ENSG00000136238	0.020428085	0.028189984	0.028987124	0.019425833
ENSG0000008438	0.015162546	0.024332031	0.024280171	0.014762611
ENSG00000164816	0.015199461	0.024416969	0.02437207	0.014259464
ENSG00000099860	0.044541726	0.045413479	0.03923332	0.043230977
ENSG00000166025	0.016483432	0.024931546	0.024586861	0.014972034
ENSG00000176438	0.01599375	0.025450359	0.025052027	0.015781305
ENSG00000105255	0.019494736	0.029856891	0.036383774	0.019646667
ENSG00000243156	0.085250367	0.074355007	0.065073435	0.063102249
ENSG00000100023	0.018228241	0.029237718	0.028655683	0.019566184
ENSG00000171224	0.038637248	0.044994765	0.042519634	0.038044642
ENSG00000136931	0.018126321	0.025846107	0.027031164	0.016993202
ENSG00000153989	0.03107694	0.037536002	0.035509626	0.027494015
ENSG00000148296	0.032921626	0.032098537	0.032249038	0.034507515
ENSG00000165475	0.044045129	0.041746472	0.037806057	0.044836658
ENSG00000151224	0.017072712	0.025415864	0.026299589	0.017334041
ENSG00000105270	0.081788394	0.04961773	0.046448234	0.059117992
ENSG00000109625	0.017202581	0.025339906	0.024802894	0.015095012
ENSG00000197956	0.079404976	0.058359698	0.05273146	0.064157531
ENSG00000001460	0.023425622	0.026929436	0.02688357	0.020515244
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ENSG00000142798	0.014678119	0.02531863	0.02505711	0.013933305
ENSG00000125484	0.032091665	0.03686599	0.042220827	0.032775457
ENSG00000128000	0.017163664	0.026742531	0.025255277	0.015890853
ENSG00000088356	0.025337039	0.035001605	0.040228291	0.028547689
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ENSG00000155367	0.018712778	0.028567339	0.027918307	0.019645526
ENSG00000143412	0.018134477	0.02526551	0.026235254	0.018197299
ENSG00000178719	0.026804249	0.048819222	0.052529776	0.048076204
ENSG00000196659	0.016552197	0.025999254	0.024806581	0.016077193
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ENSG00000179855	0.016276919	0.025338514	0.024376826	0.016056305
ENSG00000204140	0.014767554	0.025552435	0.025209068	0.01505371
ENSG00000121904	0.018747027	0.026395615	0.026487522	0.017311694
ENSG00000180785	0.01942855	0.025493235	0.025735453	0.017589044
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ENSG00000118257	0.020757646	0.027844022	0.029323901	0.028183571
ENSG00000131094	0.016108956	0.024599247	0.024927535	0.016039658
ENSG00000183597	0.02696827	0.032658334	0.028905654	0.021917367
ENSG00000106006	0.016289991	0.026247348	0.025212867	0.017513793
ENSG00000106013	0.028080109	0.028510164	0.026236263	0.021427903
ENSG00000111247	0.042916993	0.037457757	0.034836925	0.038363751
ENSG00000166736	0.048243276	0.034755432	0.037257345	0.027495787
ENSG00000178502	0.020528927	0.028069508	0.028741633	0.018905691
ENSG00000143252	0.021354488	0.026925	0.027445539	0.018646606
ENSG00000167083	0.033214561	0.038514575	0.033476917	0.035693319
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ENSG00000164120	0.034925367	0.035718483	0.030008776	0.048184067
ENSG00000083842	0.017394113	0.027925469	0.026697131	0.016286671
ENSG00000126010	0.018058163	0.025517374	0.026187622	0.016551347
ENSG00000138395	0.015843807	0.024610126	0.02420455	0.014820267
ENSG00000131069	0.035093663	0.034095555	0.029617569	0.028239967
ENSG00000105696	0.015521189	0.025627542	0.024670906	0.016194736
ENSG00000170373	0.016244395	0.024864675	0.024577778	0.015143766
ENSG00000124383	0.027015161	0.031702596	0.034886012	0.029731051
ENSG00000083807	0.039893145	0.046614172	0.040786143	0.035028687
ENSG00000133083	0.015047034	0.024746403	0.024991621	0.014869942
ENSG00000168040	0.028210504	0.031946207	0.035885826	0.02719002
ENSG00000188996	0.025976106	0.031875441	0.032194525	0.021297561
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ENSG00000123119	0.031902907	0.034430888	0.036474451	0.035755517
ENSG00000132359	0.030181528	0.027338444	0.030204606	0.02648375
ENSG00000130755	0.031397464	0.031070621	0.030803793	0.024258386
ENSG00000205302	0.027268203	0.036633737	0.033668596	0.027540917
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ENSG00000132549	0.016712799	0.02686809	0.02574305	0.017227232
ENSG00000180573	0.056078279	0.051495375	0.049850198	0.043313161
ENSG00000141127	0.025190667	0.030385672	0.027893968	0.021261535
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ENSG00000154263	0.020719434	0.026433121	0.026315167	0.016537752
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ENSG00000177084	0.026314824	0.028485441	0.030603318	0.021418695
ENSG00000112419	0.051914002	0.042996467	0.036348246	0.036093126
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ENSG00000101935	0.021477754	0.027914214	0.031186254	0.016735029
ENSG00000077943	0.01693527	0.025759499	0.024655338	0.016251864
ENSG00000167531	0.016710762	0.024860237	0.024669757	0.017629434
ENSG00000112658	0.037750667	0.040712493	0.048310063	0.047057456
ENSG00000126895	0.015278381	0.025944384	0.025436317	0.014827474
ENSG00000069956	0.031494294	0.033548554	0.033870194	0.028591036
ENSG00000196405	0.046660867	0.040167652	0.03894074	0.038611516
ENSG00000105204	0.020102958	0.028973587	0.025460846	0.021357026
ENSG00000102181	0.02972785	0.030688623	0.032025826	0.03131603
ENSG00000106266	0.02994993	0.035026356	0.037955274	0.02979814
ENSG00000136167	0.019245776	0.026573367	0.02620969	0.020334378
ENSG00000197747	0.087318674	0.066164494	0.049114578	0.095067721
ENSG00000177476	0.015221646	0.024643096	0.025404567	0.014687132
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ENSG00000124678	0.018498228	0.024878774	0.025523117	0.01765432
ENSG00000112308	0.022011479	0.031057581	0.02849659	0.017051043
ENSG00000101224	0.050005396	0.041645945	0.041874967	0.041662
ENSG00000188785	0.03221093	0.041281253	0.034053514	0.02425675
ENSG00000139517	0.030550544	0.036467932	0.033899856	0.02452211
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ENSG00000214212	0.021860311	0.029150025	0.027589787	0.023623734
ENSG00000116954	0.032759332	0.041617165	0.040287863	0.031138166
ENSG00000137831	0.042763658	0.038590237	0.032424238	0.035515413
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ENSG00000141002	0.026379942	0.031742056	0.03195192	0.023347548
ENSG00000253797	0.037634754	0.0446879	0.035675401	0.03505205
ENSG00000197122	0.015038759	0.025074446	0.025301414	0.015822815
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ENSG00000174348	0.022819501	0.027877905	0.030272229	0.021333397
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ENSG00000187688	0.032187112	0.040774834	0.041593952	0.037894184
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ENSG00000166352	0.089486173	0.086113754	0.061504719	0.08588635
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ENSG00000160446	0.027400803	0.030283574	0.030609314	0.026262463
ENSG00000160255	0.046409816	0.038523398	0.040096042	0.036486566
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ENSG00000005339	0.029616641	0.037075475	0.035148124	0.030007253
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ENSG00000130021	0.054584562	0.051695904	0.057221712	0.04731959
ENSG00000196661	0.015555824	0.024606447	0.025740694	0.015473324
ENSG00000118454	0.034861688	0.039981795	0.032653527	0.03644078
ENSG00000100650	0.022442804	0.034037482	0.031738395	0.024494762
ENSG00000178896	0.025259304	0.028787864	0.031472762	0.025617015
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ENSG00000215012	0.037801579	0.031689109	0.03262577	0.02701714
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ENSG00000166135	0.022888575	0.031743587	0.027996482	0.023048729
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ENSG00000175206	0.015605384	0.024692868	0.02623245	0.015145499
ENSG00000145293	0.033443059	0.035210792	0.031199605	0.023374089
ENSG00000177548	0.032908372	0.03534609	0.031650202	0.029500084
ENSG00000150361	0.016209772	0.024661897	0.025150801	0.014744924
ENSG00000164197	0.053459983	0.035381012	0.026153047	0.022280966
ENSG00000137648	0.016980057	0.025407906	0.026948706	0.016187836

ENSG00000170270	0.040426519	0.039953247	0.041116438	0.036593632
ENSG00000184634	0.027877438	0.039821366	0.032382752	0.027353944
ENSG00000184261	0.078062054	0.05907718	0.054625398	0.067595485
ENSG00000135747	0.018561446	0.027260859	0.027709552	0.017082254
ENSG00000196335	0.015673342	0.025418171	0.024333475	0.014769259
ENSG00000167491	0.025524244	0.031193455	0.036057487	0.027345523
ENSG00000175193	0.021834362	0.027677	0.030717355	0.021841743
ENSG00000133812	0.016832484	0.02539875	0.025142954	0.017283453
ENSG00000124208	0.017932673	0.02887969	0.026082079	0.017672293
ENSG00000242413	0.01657074	0.026059377	0.02508953	0.016136573
ENSG00000143631	0.015758165	0.026148397	0.024717634	0.015836031
ENSG00000081248	0.014913635	0.025748619	0.025084276	0.015661795
ENSG00000147117	0.016374103	0.025736824	0.025129581	0.014503616
ENSG00000232427	0.029120187	0.034024891	0.038154667	0.024708915
ENSG00000172465	0.028106488	0.034861351	0.033748711	0.024981764
ENSG00000179921	0.016648985	0.025508502	0.024941219	0.015352618
ENSG00000205213	0.086367647	0.057437782	0.052330939	0.060218584
ENSG00000115648	0.026306467	0.025884114	0.025305038	0.023019875
ENSG00000137713	0.014235222	0.024938212	0.024392427	0.014947627
ENSG00000204540	0.09112392	0.069680626	0.072939169	0.111037799
ENSG00000155366	0.027888154	0.033296822	0.030849862	0.031049136
ENSG00000168522	0.018510357	0.028563213	0.028108278	0.020239003
ENSG00000178226	0.016213892	0.025081558	0.026420799	0.016938403
ENSG00000185947	0.036985769	0.039288673	0.037512376	0.04568451
ENSG00000144331	0.016874864	0.026258801	0.024934809	0.016115367
ENSG00000112701	0.027745462	0.036685922	0.030627618	0.031130071
ENSG00000065268	0.04459628	0.04150228	0.037670263	0.033910831
ENSG00000164164	0.035015982	0.044938692	0.043073409	0.033132142
ENSG00000152760	0.014802827	0.025029142	0.025343608	0.016305745
ENSG00000166548	0.067080299	0.074493598	0.080217769	0.081196116
ENSG00000142937	0.01542602	0.024323264	0.025110411	0.016033522
ENSG00000179091	0.021976	0.026024016	0.025927298	0.020477947
ENSG00000105501	0.026763309	0.033562493	0.030209556	0.023167389
ENSG00000160298	0.016053757	0.02499437	0.025495982	0.014868693
ENSG00000167755	0.016206146	0.025192594	0.024670591	0.016909965
ENSG00000187773	0.018557904	0.028130841	0.026751579	0.02028737
ENSG00000122180	0.015608618	0.024803052	0.025001327	0.014363665
ENSG00000054277	0.046885866	0.061335673	0.044144631	0.043888987
ENSG00000147485	0.054693584	0.070406522	0.026223521	0.016384754
ENSG00000203883	0.181874847	0.124408477	0.104862399	0.138580591
ENSG00000142677	0.015255097	0.024883218	0.025294976	0.015411789
ENSG00000184545	0.029728767	0.042068279	0.039544326	0.030059238
ENSG00000049860	0.026858379	0.028489404	0.02815704	0.020036226
ENSG00000008853	0.031515471	0.039203371	0.041635487	0.045645742
ENSG00000100968	0.019422285	0.02640471	0.025185873	0.017975636
ENSG00000171469	0.021551503	0.027449851	0.027993096	0.016565524
ENSG00000174279	0.016035959	0.024913682	0.024550603	0.01496062
ENSG00000198945	0.039938835	0.037321658	0.038794217	0.030202919
ENSG00000176978	0.030789704	0.031317542	0.032372598	0.028950051
ENSG00000159374	0.026274171	0.02941871	0.036318639	0.020929106
ENSG00000132003	0.037645231	0.042060483	0.033407969	0.033473113
ENSG00000167850	0.041944561	0.041493464	0.037022603	0.022343424
ENSG00000151468	0.016666611	0.02544532	0.02621751	0.023407222
ENSG00000113971	0.038012298	0.04428964	0.038749166	0.039881845

ENSG00000177200	0.028284581	0.033731296	0.02951725	0.023798353
ENSG00000187231	0.04820782	0.049263515	0.049247285	0.049807812
ENSG00000174529	0.014465153	0.024280222	0.024777756	0.014508823
ENSG00000113739	0.025269475	0.02733863	0.027432479	0.020368594
ENSG00000167635	0.024975478	0.030857907	0.029481581	0.026754395
ENSG00000147535	0.036101381	0.034226229	0.037500944	0.036938269
ENSG00000131196	0.061126358	0.049655252	0.047011353	0.041536245
ENSG00000137171	0.018641893	0.026531521	0.025391429	0.017462125
ENSG00000101247	0.018434697	0.02555168	0.029180036	0.016410184
ENSG00000198930	0.016924698	0.025390681	0.025605631	0.0169178
ENSG00000185920	0.030127228	0.034849269	0.030842313	0.024192972
ENSG00000136104	0.033324377	0.034437678	0.032537192	0.027799617
ENSG00000164082	0.016155087	0.024313423	0.024726717	0.015875898
ENSG00000125144	0.03025373	0.035917175	0.065606671	0.038540949
ENSG00000161944	0.015432015	0.02567285	0.025897537	0.015929328
ENSG00000011422	0.077675608	0.066327689	0.064776375	0.053952502
ENSG00000068903	0.024722686	0.027756931	0.029822069	0.023973864
ENSG00000198917	0.023915072	0.031103116	0.029160821	0.025508566
ENSG00000168002	0.024947634	0.027685681	0.027059268	0.020483244
ENSG00000122515	0.046503607	0.042177373	0.033538395	0.037142788
ENSG00000204103	0.022295728	0.032613951	0.03292509	0.029299587
ENSG00000187823	0.015844756	0.024740041	0.024602966	0.015081112
ENSG00000165672	0.026592903	0.032504354	0.029564471	0.019891817
ENSG00000115325	0.039332861	0.031683115	0.033519574	0.032829382
ENSG00000196208	0.018632655	0.028369386	0.027030515	0.019113832
ENSG00000185231	0.016384826	0.024817506	0.025333585	0.015519316
ENSG00000108576	0.092702057	0.072221262	0.04273587	0.076443857
ENSG00000093217	0.035074499	0.037584649	0.028333129	0.023736543
ENSG00000182150	0.017012006	0.025763613	0.025195301	0.017887727
ENSG00000102886	0.029586225	0.035942866	0.034288409	0.035474801
ENSG00000143322	0.015270878	0.025338936	0.025882578	0.014819493
ENSG00000240184	0.017144905	0.026370486	0.024761601	0.015094244
ENSG00000101892	0.01568629	0.024803004	0.0249784	0.015630579
ENSG00000134899	0.026646614	0.032029571	0.030636993	0.020455953
ENSG00000164220	0.015269751	0.02553816	0.025200564	0.014858945
ENSG00000123609	0.030631008	0.032108584	0.030551457	0.029663591
ENSG00000143278	0.017095385	0.027584683	0.025308024	0.016240499
ENSG00000197128	0.032663613	0.033796521	0.028910843	0.031788373
ENSG00000115685	0.030568989	0.033878198	0.033518417	0.025015135
ENSG00000141527	0.016836244	0.024952448	0.02513728	0.015173248
ENSG00000136698	0.016592309	0.024748484	0.024542079	0.016417879
ENSG00000140285	0.015248015	0.025668846	0.025597967	0.01530509
ENSG00000124429	0.094941618	0.07064005	0.069197736	0.055386954
ENSG00000128052	0.014977503	0.025670972	0.024285714	0.014729313
ENSG00000176495	0.016540435	0.026582936	0.026101804	0.015011248
ENSG00000162771	0.014747215	0.025218819	0.02581218	0.01589909
ENSG00000135472	0.017840098	0.02563299	0.025179845	0.01789227
ENSG00000171987	0.017354171	0.027880462	0.026881841	0.015957136
ENSG00000164237	0.061568866	0.066085395	0.050916418	0.059090956
ENSG00000141293	0.037118705	0.039307114	0.036819597	0.03307259
ENSG00000133119	0.03638518	0.03711902	0.03542287	0.035347804
ENSG00000102882	0.032041203	0.034873439	0.03486486	0.026884199
ENSG00000131080	0.021671221	0.028843481	0.029699379	0.017664745
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ENSG0000009089	0.030035531	0.033698884	0.032697183	0.025699669
ENSG00000143811	0.027288159	0.031958264	0.029878871	0.023542587
ENSG00000004776	0.017118905	0.025968816	0.026086556	0.017258488
ENSG00000126070	0.032348217	0.036248804	0.033925041	0.023785946
ENSG00000132356	0.029272904	0.033126639	0.039032064	0.028417638
ENSG00000166509	0.015939936	0.025765873	0.025627072	0.014900941
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ENSG00000187474	0.01826318	0.027687907	0.026804046	0.017329626
ENSG00000021776	0.024001109	0.031385187	0.031718744	0.02179346
ENSG00000084636	0.070717359	0.074050675	0.057290883	0.061779136
ENSG00000183423	0.015704624	0.025456317	0.024806776	0.01569187
ENSG00000136943	0.028016987	0.03274382	0.037773617	0.029405906
ENSG00000184887	0.043529261	0.043974461	0.039705058	0.033459711
ENSG00000113924	0.015350068	0.025610957	0.024014483	0.015944732
ENSG00000117859	0.015742868	0.024882924	0.025518208	0.014684132
ENSG00000111801	0.039330635	0.037755575	0.032397694	0.03749339
ENSG00000113758	0.015825371	0.025385558	0.02528095	0.015902215
ENSG00000006712	0.024439765	0.027881499	0.030452863	0.027307602
ENSG00000177807	0.017520971	0.026117007	0.026704579	0.014923718
ENSG00000110693	0.016793701	0.024799206	0.025351014	0.017103659
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ENSG00000102996	0.062838817	0.069143604	0.057284406	0.085750526
ENSG00000143369	0.021496567	0.026620888	0.027076323	0.020337577
ENSG00000128274	0.097389657	0.074378094	0.06486461	0.0725772
ENSG00000104967	0.014992052	0.024652231	0.024290546	0.015408119
ENSG00000125775	0.022932648	0.029096122	0.0306958	0.020050072
ENSG00000182974	0.016272463	0.025714818	0.024309428	0.014731789
ENSG00000032742	0.03513459	0.033790553	0.033070635	0.03500403
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ENSG00000184164	0.047886266	0.043023345	0.049879983	0.055944821
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ENSG00000145491	0.015442587	0.025502024	0.02642411	0.016337495
ENSG00000173083	0.029884642	0.031788104	0.034451199	0.028870376
ENSG00000124535	0.028326	0.036924676	0.030495887	0.022728708
ENSG00000169245	0.152224868	0.172931103	0.107133358	0.144717473
ENSG00000057657	0.044186459	0.03726856	0.037712376	0.037884045
ENSG00000186509	0.016492446	0.025389586	0.024561596	0.015616868
ENSG00000181619	0.0165115	0.02443386	0.025845616	0.015358996
ENSG00000174021	0.02436534	0.029968973	0.029240325	0.024708945
ENSG00000077254	0.016235907	0.025615849	0.025643397	0.016128616
ENSG00000006652	0.034426114	0.038772835	0.03650593	0.026537583
ENSG00000172155	0.037234698	0.027711236	0.026112772	0.021319637
ENSG00000163431	0.016565103	0.02557905	0.024900867	0.014823037
ENSG00000189060	0.082492264	0.064413849	0.04842888	0.059478494
ENSG00000198963	0.015643321	0.0256016	0.024739647	0.014824808
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ENSG00000112186	0.016248352	0.027064806	0.024851482	0.01453492
ENSG00000120709	0.029959787	0.039435767	0.043511324	0.027677995
ENSG00000184895	0.016079471	0.026616348	0.024815071	0.014560506
ENSG00000189283	0.043934468	0.041120997	0.042920573	0.042503887
ENSG00000166441	0.015899977	0.024412297	0.023928904	0.020492045
ENSG00000076662	0.02433363	0.033760662	0.032110286	0.028623817

ENSG00000115084	0.033895819	0.03786914	0.039104285	0.031946075
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ENSG00000250565	0.037511596	0.036676108	0.032214768	0.03001075
ENSG00000176358	0.017279257	0.025386292	0.025812018	0.016829768
ENSG00000101019	0.025994648	0.031852921	0.031650636	0.024816692
ENSG00000157368	0.016222673	0.025707051	0.024544254	0.015011915
ENSG00000169800	0.017791484	0.026439952	0.026172999	0.017188031
ENSG00000149435	0.016807515	0.025561002	0.024841831	0.017169588
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ENSG00000221864	0.015444654	0.024921992	0.024654246	0.015003221
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ENSG00000110711	0.02412175	0.027762278	0.031548019	0.024010999
ENSG00000122707	0.044395677	0.053571864	0.040010563	0.050192939
ENSG00000165168	0.058527988	0.050211814	0.044563974	0.04770577
ENSG00000173960	0.025131539	0.031342743	0.03604132	0.023414798
ENSG00000165156	0.026291723	0.031718681	0.03723927	0.025784617
ENSG00000118307	0.029707645	0.029665143	0.033377684	0.02038269
ENSG00000105668	0.051562682	0.055519638	0.047686754	0.062844276
ENSG00000127838	0.015736575	0.025265631	0.024419632	0.014797889
ENSG00000224916	0.014505197	0.024537744	0.02472937	0.014904781
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ENSG00000113318	0.029092907	0.030532384	0.032338435	0.025432301
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ENSG00000143106	0.021836246	0.028650214	0.026443989	0.021204941
ENSG00000160051	0.040028145	0.039750815	0.038804523	0.032051941
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ENSG00000177683	0.04850705	0.032635673	0.036205725	0.046637088
ENSG00000186111	0.055824947	0.039963767	0.041694707	0.040922275
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ENSG00000164465	0.037510283	0.031502495	0.033878603	0.028457264
ENSG00000118680	0.017887153	0.027299804	0.026508356	0.018824328
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ENSG00000135423	0.024439001	0.032661107	0.031082151	0.022451122
ENSG00000132698	0.016600416	0.025383171	0.02569076	0.015878407
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ENSG00000006659	0.023014641	0.027509911	0.028954754	0.020530085
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ENSG00000005302	0.027302063	0.031752733	0.02959624	0.027135841
ENSG00000164306	0.042423534	0.047143633	0.034577284	0.030205786
ENSG00000163017	0.017117959	0.026541003	0.025053961	0.015931914
ENSG00000144820	0.015797973	0.02538636	0.025684509	0.015506954
ENSG00000104064	0.033522401	0.0381049	0.039235204	0.036209643
ENSG00000150967	0.017482627	0.024570325	0.024709305	0.015055966
ENSG00000168061	0.042731819	0.038394246	0.039447111	0.041102785
ENSG00000184344	0.016225217	0.024977039	0.025345865	0.016299668

ENSG00000090581	0.021884071	0.029979525	0.029379989	0.026824499
ENSG00000119326	0.049623073	0.047311399	0.038265101	0.035604913
ENSG00000163923	0.05144443	0.039476159	0.035732347	0.031955255
ENSG00000134716	0.072665964	0.056951257	0.05314609	0.063813231
ENSG00000166233	0.029134333	0.0349006	0.033967217	0.025827564
ENSG00000145113	0.024902649	0.026490266	0.026226357	0.017886829
ENSG00000125734	0.025689082	0.028533166	0.032950221	0.030310517
ENSG00000117707	0.018943957	0.025146237	0.025218993	0.015949855
ENSG00000117385	0.032316972	0.0363143	0.036535599	0.027688208
ENSG00000136634	0.071979487	0.064682343	0.057519803	0.062709617
ENSG00000164754	0.025236415	0.031580122	0.027893554	0.022801666
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ENSG00000117036	0.028430909	0.031478475	0.029100192	0.020373733
ENSG00000185722	0.024079642	0.029943126	0.029869562	0.021270738
ENSG00000185989	0.058222533	0.047543565	0.047153577	0.045743219
ENSG00000126261	0.044233835	0.051817536	0.04700009	0.043389246
ENSG00000116133	0.031048439	0.033634273	0.038123655	0.036841551
ENSG00000173612	0.0176229	0.024872913	0.024464231	0.015262098
ENSG00000177511	0.013886285	0.025124088	0.025783157	0.014799761
ENSG00000173208	0.029378744	0.03147552	0.027460898	0.028518243
ENSG00000140600	0.016937814	0.02430904	0.025423252	0.016064697
ENSG00000138472	0.015218198	0.025006957	0.024892688	0.015189493
ENSG00000177875	0.01905105	0.027160904	0.026397351	0.020692547
ENSG00000112039	0.04244499	0.040107629	0.033066208	0.032278639
ENSG00000158815	0.014991215	0.024554284	0.025596363	0.014108742
ENSG00000183862	0.016549433	0.025459229	0.026754776	0.016219853
ENSG00000168769	0.030064375	0.033556678	0.034595257	0.027075876
ENSG00000150281	0.015309758	0.024267391	0.025821625	0.016056476
ENSG00000110324	0.051148399	0.061318659	0.062802319	0.038005343
ENSG00000160124	0.044062655	0.051338335	0.048536466	0.037078778
ENSG00000123999	0.016312802	0.026503328	0.025283197	0.015020938
ENSG00000187045	0.032785068	0.042582356	0.039790021	0.033922432
ENSG00000171051	0.017798272	0.026846171	0.029315627	0.017601402
ENSG00000118418	0.025419146	0.030163825	0.028399077	0.021564696
ENSG00000151005	0.015807931	0.026147835	0.025115742	0.017096435
ENSG00000176473	0.021854715	0.028243617	0.026279996	0.019570921
ENSG00000137309	0.017294066	0.025198489	0.025747029	0.014132935
ENSG00000205409	0.013249167	0.023405671	0.023504969	0.013211756
ENSG00000221931	0.013346544	0.02365346	0.024396195	0.014086034
ENSG00000162747	0.017131732	0.025581964	0.024868514	0.014844089
ENSG00000118162	0.031299653	0.035749995	0.032789438	0.029774513
ENSG00000103647	0.015482059	0.024750793	0.025334355	0.016613035
ENSG00000067704	0.025479957	0.033006186	0.028567977	0.023543833
ENSG00000225968	0.017367002	0.024962583	0.026014286	0.016012024
ENSG00000111912	0.033089218	0.039913742	0.038594032	0.036432874
ENSG00000123268	0.034924638	0.03663957	0.034472665	0.02986508
ENSG00000073584	0.023129734	0.030913796	0.033841927	0.019490297
ENSG00000115267	0.038249325	0.032898872	0.033146767	0.031696262
ENSG00000104529	0.01685128	0.024835564	0.024826151	0.016444886
ENSG00000047230	0.020838666	0.025501115	0.02773372	0.019931271
ENSG00000212126	0.018262082	0.028959086	0.0270872	0.017593564
ENSG00000172893	0.03097189	0.033323869	0.038706098	0.031549966
ENSG00000163946	0.01608958	0.025958098	0.025947784	0.01999814
ENSG00000100321	0.101474775	0.083529914	0.062175812	0.068764307

ENSG00000168546	0.019314908	0.026617804	0.028351926	0.01571722
ENSG00000164920	0.090770432	0.081856946	0.066241329	0.081382032
ENSG00000112245	0.027022919	0.034923115	0.038082676	0.028984245
ENSG00000147202	0.036684428	0.040176049	0.037131532	0.029289653
ENSG00000198522	0.0244088	0.030139158	0.030904198	0.020566189
ENSG00000077274	0.018076503	0.02535749	0.028204898	0.018753743
ENSG00000166923	0.017729824	0.02514774	0.025686918	0.017097741
ENSG00000165626	0.016069074	0.02594954	0.024576613	0.015104784
ENSG00000079841	0.016336143	0.027109355	0.026565914	0.016985046
ENSG00000161970	0.016235297	0.024585478	0.024212904	0.017915422
ENSG00000162129	0.016436424	0.025792465	0.025706109	0.017094642
ENSG00000109436	0.102317843	0.089555074	0.077825601	0.096702696
ENSG00000122986	0.035349986	0.033318666	0.03454812	0.038644162
ENSG00000187994	0.029624471	0.031185519	0.029735041	0.027480673
ENSG00000198003	0.119625551	0.08055236	0.053935759	0.088113347
ENSG00000100353	0.022038867	0.026602166	0.032237298	0.022923157
ENSG00000185002	0.014901238	0.024971084	0.024689202	0.015536225
ENSG00000254108	0.016365238	0.025443065	0.025075338	0.016295443
ENSG00000182613	0.054419552	0.027691079	0.025602847	0.04638813
ENSG00000137259	0.045621204	0.035041754	0.044541605	0.048622935
ENSG00000106366	0.026764452	0.028851977	0.029392154	0.023749814
ENSG00000072571	0.053330817	0.060169399	0.043346056	0.04121073
ENSG00000198301	0.032551141	0.034560634	0.047438604	0.039941966
ENSG00000254087	0.021411386	0.02832483	0.030119876	0.019584879
ENSG00000120324	0.016134413	0.025329107	0.025370522	0.015327036
ENSG00000183137	0.049027503	0.042642778	0.034723153	0.033185923
ENSG00000090339	0.039257185	0.038962188	0.04176699	0.039774509
ENSG00000139620	0.024421393	0.029628416	0.031868964	0.021114664
ENSG00000102385	0.017998435	0.025500279	0.025155324	0.014907867
ENSG00000105185	0.025036774	0.031143137	0.026663702	0.023579647
ENSG00000160703	0.028802634	0.033196956	0.035598152	0.024474168
ENSG00000130830	0.04965668	0.044475447	0.038860648	0.042513623
ENSG00000145839	0.016950126	0.026379978	0.024707138	0.016389917
ENSG00000214013	0.023064647	0.032333741	0.027920587	0.020068406
ENSG00000171858	0.013763228	0.023945225	0.023975774	0.01527621
ENSG00000134802	0.032652295	0.029525538	0.033330874	0.029563251
ENSG00000197263	0.014993543	0.025556758	0.024849759	0.014296389
ENSG00000130669	0.022590793	0.029817271	0.036790723	0.021280109
ENSG00000184979	0.051829421	0.054355318	0.054435761	0.060298395
ENSG00000185619	0.016137321	0.025537071	0.024947335	0.015121538
ENSG00000183668	0.017657091	0.025861903	0.025828398	0.017543282
ENSG00000157322	0.021607461	0.035264659	0.029781704	0.017169339
ENSG00000189180	0.028799332	0.03137296	0.030003241	0.032567048
ENSG00000165202	0.016963656	0.025952843	0.025629637	0.015835466
ENSG00000133884	0.024340079	0.033785666	0.031814927	0.025788147
ENSG00000184209	0.022651257	0.029938811	0.033487138	0.023654723
ENSG00000168256	0.021919411	0.029618304	0.031696302	0.024100049
ENSG00000167261	0.032737734	0.034985301	0.039351001	0.039277927
ENSG00000125686	0.025747272	0.032200473	0.032659075	0.023835868
ENSG00000138449	0.02755796	0.031058926	0.036200558	0.02182156
ENSG00000196433	0.042626092	0.047342582	0.05038125	0.034119562
ENSG00000135378	0.042450885	0.048096682	0.048898193	0.042420823
ENSG00000198518	0.036139078	0.030681957	0.03717504	0.038184691
ENSG00000131095	0.017571163	0.025262092	0.025251514	0.016669074

ENSG0000069329	0.023157415	0.03225689	0.027442953	0.01866328
ENSG0000130592	0.034979634	0.036120369	0.039862504	0.034408375
ENSG0000171798	0.015704522	0.027848643	0.025373643	0.015520399
ENSG0000122176	0.030761377	0.024754225	0.024814043	0.01422433
ENSG0000136002	0.019627402	0.029115112	0.029978637	0.022699262
ENSG0000104413	0.03223833	0.030737173	0.030605354	0.017569445
ENSG0000089220	0.0243953	0.030727173	0.032431294	0.026840393
ENSG0000142303	0.015481257	0.025246635	0.0253413	0.016100677
ENSG0000131669	0.055944305	0.048455875	0.040557527	0.044266562
ENSG0000006059	0.017602121	0.024906648	0.024963734	0.015675015
ENSG0000196172	0.055677386	0.056142122	0.038237793	0.069396858
ENSG0000168904	0.039043777	0.037173229	0.036474506	0.035916447
ENSG0000134533	0.017203125	0.025186422	0.026627723	0.019509479
ENSG0000113805	0.01693474	0.025385833	0.025080467	0.015789694
ENSG0000178573	0.015722263	0.024961461	0.025417918	0.014636779
ENSG0000205155	0.022376094	0.028270548	0.030466309	0.022176319
ENSG0000197253	0.020805537	0.028546604	0.028427888	0.031104268
ENSG0000138760	0.06559425	0.06533791	0.067233656	0.072084483
ENSG0000174652	0.018458281	0.024786787	0.025017143	0.016509828
ENSG0000133131	0.059504266	0.040651659	0.031258043	0.034415284
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ENSG0000103549	0.022886243	0.028661122	0.035872792	0.022750823
ENSG0000185009	0.022987659	0.031259991	0.026648333	0.020632671
ENSG0000145283	0.016194901	0.024575863	0.024923216	0.014850947
ENSG0000163162	0.050440575	0.044381948	0.040321652	0.03901557
ENSG0000172345	0.026468872	0.028956425	0.029549223	0.023042443
ENSG0000159842	0.015962755	0.024473234	0.025469174	0.016953136
ENSG0000167723	0.016661247	0.02499848	0.025236702	0.015387081
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ENSG0000148343	0.026056287	0.034867142	0.036923663	0.023068441
ENSG0000144061	0.01534043	0.025340469	0.02469266	0.015717176
ENSG0000180447	0.016727772	0.024849344	0.024760142	0.016910423
ENSG0000197114	0.025571286	0.032358548	0.030993268	0.027440381
ENSG0000166197	0.036636284	0.035625264	0.036692515	0.035804072
ENSG0000177674	0.055444096	0.042689155	0.040097093	0.04252114
ENSG0000164616	0.016230514	0.02413705	0.024960866	0.017309098
ENSG0000149090	0.014833043	0.02638367	0.026322775	0.015541082
ENSG0000229937	0.015626873	0.02457747	0.024922597	0.016089421
ENSG0000117899	0.01674845	0.025221893	0.024795164	0.015744303
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ENSG0000106348	0.015585665	0.026139927	0.024179339	0.016206273
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ENSG00000178623	0.025648233	0.029968	0.032111427	0.020223656
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ENSG00000108061	0.02345461	0.033918663	0.034237439	0.023168781
ENSG00000135632	0.019525444	0.02633918	0.029247338	0.020014333
ENSG00000130810	0.02817599	0.028854147	0.031063586	0.026711581
ENSG00000101280	0.019724177	0.030394538	0.028135827	0.019978132
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ENSG00000115137	0.026376304	0.031437213	0.029321132	0.02001194
ENSG00000055609	0.026318948	0.032956131	0.033141395	0.035771661
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ENSG00000164818	0.031592448	0.035699744	0.033609868	0.031376864
ENSG00000110046	0.024727586	0.029449128	0.034592225	0.025888691
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ENSG00000100304	0.040198946	0.03812073	0.041903499	0.03827492
ENSG00000114573	0.030473359	0.031052473	0.029646395	0.025088948
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ENSG00000189108	0.01806901	0.025206425	0.025129855	0.01523309
ENSG00000198648	0.035594034	0.026652449	0.026095112	0.028282033
ENSG00000119772	0.030352587	0.037852228	0.039051432	0.031433072
ENSG00000078902	0.02646919	0.030390571	0.029902903	0.021967965
ENSG00000070831	0.055795659	0.037939983	0.037224967	0.048924081
ENSG00000198835	0.018926316	0.025714636	0.02549259	0.015857306
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ENSG00000213066	0.052153369	0.046898455	0.049086948	0.0349725
ENSG00000139364	0.021990418	0.025402345	0.025029092	0.015130638
ENSG00000178125	0.015818575	0.025027163	0.024482107	0.014861731
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ENSG00000035928	0.033629003	0.036220448	0.032493188	0.025627835
ENSG00000175877	0.015405636	0.025043586	0.024552941	0.015598233
ENSG00000116455	0.038718107	0.035814046	0.036601286	0.037655545
ENSG00000108094	0.025383347	0.033661638	0.031208171	0.020095016
ENSG00000142166	0.020245465	0.032820559	0.029140303	0.021320874
ENSG00000060971	0.028278185	0.035985095	0.030568633	0.028048809
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ENSG00000197487	0.01469022	0.024085967	0.024558273	0.016385617
ENSG00000113231	0.017087482	0.025085241	0.02463931	0.01576902
ENSG00000160200	0.026946326	0.035334024	0.030522656	0.022706388
ENSG00000105819	0.023898191	0.033250173	0.029758551	0.020771405
ENSG00000167414	0.099924567	0.073935307	0.066100034	0.082286801
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ENSG00000165119	0.02239854	0.027246908	0.026997874	0.030065803
ENSG00000188408	0.015435497	0.024380695	0.024474561	0.015127492
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ENSG00000167548	0.017241585	0.026073808	0.024313129	0.019022257
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ENSG00000094755	0.016765118	0.024789772	0.024032485	0.015078095
ENSG00000177885	0.023629162	0.03068036	0.033289133	0.021675554
ENSG00000162430	0.136099086	0.120416555	0.124079807	0.117964164
ENSG00000177324	0.015867332	0.025238451	0.024936864	0.014493661
ENSG00000186417	0.014813036	0.024712817	0.024206438	0.014465331
ENSG00000154734	0.015937749	0.024792283	0.024821479	0.015556286
ENSG00000172789	0.034505606	0.027449719	0.026042631	0.019989164
ENSG00000071073	0.073808558	0.053652382	0.046572432	0.056118373
ENSG00000153827	0.020802877	0.032237947	0.028540856	0.019653224
ENSG00000173080	0.015273406	0.02403179	0.024802633	0.014825232
ENSG00000149716	0.017646964	0.026747442	0.026877663	0.017944197
ENSG00000151379	0.018676803	0.026066017	0.025041668	0.019405548
ENSG00000177192	0.036506428	0.035747976	0.036719219	0.03630128
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ENSG00000174326	0.022219468	0.041504637	0.032705893	0.024944368
ENSG00000132554	0.034485526	0.030642219	0.026639421	0.027646383
ENSG00000100243	0.01663541	0.025650968	0.025586464	0.014651573
ENSG00000197872	0.076061847	0.059271727	0.039802424	0.07818037
ENSG00000137460	0.015582105	0.024700288	0.025211945	0.015777775
ENSG00000206288	0.016304005	0.025039719	0.026443174	0.015822835
ENSG00000060982	0.061047672	0.076374925	0.074574265	0.06772247
ENSG00000122643	0.032937732	0.037545356	0.033336572	0.024230125
ENSG00000107833	0.033953848	0.031566909	0.031835452	0.027100488
ENSG00000151502	0.029699604	0.032099163	0.032309435	0.02975383
ENSG00000112984	0.04819516	0.037694385	0.036241062	0.037550565
ENSG00000162104	0.023298379	0.029453171	0.028990461	0.039829413
ENSG00000179270	0.015721702	0.024772867	0.025179497	0.014369326
ENSG00000204428	0.021277438	0.026848934	0.026024989	0.019164679
ENSG00000162761	0.015204197	0.025273446	0.025530394	0.015935158
ENSG00000135722	0.026409224	0.03338622	0.028714721	0.027398628
ENSG00000120337	0.016569973	0.025433389	0.025304096	0.014818839
ENSG00000168672	0.016501378	0.024990483	0.025218291	0.015834029
ENSG00000103569	0.080073891	0.059852812	0.041357861	0.053730831
ENSG00000064989	0.049250423	0.029947344	0.032134057	0.024037849
ENSG00000180370	0.03742094	0.043045514	0.030857819	0.032816416
ENSG00000205143	0.022924473	0.028454057	0.03170863	0.024146732
ENSG00000052344	0.017002173	0.024919491	0.026061942	0.014825575

ENSG00000122481	0.032479423	0.041594584	0.032931636	0.031004051
ENSG00000105711	0.019115447	0.03113448	0.029912232	0.021639331
ENSG00000184557	0.0168583	0.025784889	0.025740611	0.015269594
ENSG00000120370	0.033322991	0.036340721	0.036655804	0.031195773
ENSG00000166454	0.032447801	0.038626605	0.039649652	0.031734561
ENSG00000118804	0.025812569	0.027250133	0.028119165	0.019662562
ENSG00000145996	0.015123245	0.024929236	0.024388234	0.014995271
ENSG00000143486	0.026052769	0.034009983	0.03160962	0.02402315
ENSG00000100346	0.018079074	0.02585074	0.026052148	0.018387144
ENSG00000100612	0.031311896	0.03028759	0.030815605	0.025955435
ENSG00000162384	0.031128715	0.033852736	0.03233742	0.021755765
ENSG0000004700	0.035564166	0.038619828	0.031553951	0.027741081
ENSG00000083290	0.046834885	0.049017539	0.03823088	0.0354187
ENSG00000203759	0.038166881	0.036704193	0.032081634	0.030109002
ENSG00000133805	0.046282458	0.048046041	0.051597698	0.044141222
ENSG00000111850	0.035696253	0.038212576	0.029853126	0.026375882
ENSG00000138764	0.05534088	0.067973973	0.065403269	0.060359883
ENSG00000171206	0.027491716	0.033833673	0.03454238	0.028110122
ENSG00000096092	0.041042873	0.04769489	0.038923961	0.028013332
ENSG00000168028	0.015649431	0.024329668	0.024163063	0.014924088
ENSG00000162910	0.024526104	0.027456697	0.029547929	0.020405645
ENSG00000153498	0.021266494	0.026897349	0.025281021	0.016325743
ENSG00000075618	0.043702606	0.047356334	0.050667295	0.051139309
ENSG00000143167	0.018148534	0.026352522	0.026969695	0.016885437
ENSG00000100519	0.024626034	0.03191352	0.027529442	0.023370069
ENSG00000119969	0.036098392	0.042150423	0.032051695	0.034782296
ENSG00000117215	0.017508929	0.0251873	0.026281822	0.014855879
ENSG00000177706	0.01805113	0.02545287	0.024862669	0.016225845
ENSG00000187210	0.097530098	0.063086032	0.07031565	0.073569944
ENSG00000171219	0.016916141	0.025477922	0.027388289	0.016309577
ENSG00000186047	0.016042886	0.02556252	0.025435388	0.016339877
ENSG00000215217	0.015151895	0.024558916	0.024976073	0.014598448
ENSG00000181072	0.015006806	0.024601054	0.024700103	0.014788655
ENSG00000175105	0.018981325	0.028864231	0.027682823	0.019870657
ENSG00000185942	0.017871226	0.025024488	0.025526341	0.015307979
ENSG00000133114	0.041079097	0.050850177	0.038622559	0.055180161
ENSG00000143194	0.033663257	0.031007274	0.026594495	0.023279445
ENSG00000156802	0.043624942	0.042154243	0.03380203	0.028867432
ENSG0000004478	0.045494885	0.042590398	0.039912357	0.033661537
ENSG00000137843	0.02397883	0.02752525	0.027682317	0.019318995
ENSG00000143452	0.017409422	0.025526717	0.026353944	0.016845109
ENSG00000030582	0.028764193	0.033346201	0.030345415	0.034170485
ENSG00000121933	0.024609256	0.028931474	0.027790006	0.018964374
ENSG00000152977	0.017616705	0.024871137	0.025956335	0.016005379
ENSG00000197376	0.017351973	0.024802392	0.024615378	0.015091277
ENSG00000241945	0.027794435	0.033002811	0.033568828	0.025338561
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ENSG00000197555	0.023963323	0.033749261	0.032778758	0.023380084
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ENSG00000144935	0.053840901	0.049643304	0.032442098	0.045242936
ENSG00000168938	0.074941043	0.071325651	0.053022069	0.081464422
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ENSG00000159167	0.019856427	0.02549752	0.027399452	0.019483737

ENSG00000135299	0.058857845	0.041072969	0.0451222	0.044660479
ENSG00000011243	0.023868874	0.032428459	0.039159191	0.021785072
ENSG00000129534	0.040012784	0.039848579	0.033860923	0.034485397
ENSG00000090615	0.026321029	0.033941896	0.036177066	0.028893184
ENSG00000164611	0.033402167	0.032082428	0.030645141	0.024423439
ENSG00000173404	0.019942454	0.026467523	0.025703655	0.017617141
ENSG00000173585	0.016047863	0.02640138	0.024772083	0.016835813
ENSG00000137478	0.027963422	0.034419876	0.030356427	0.023324971
ENSG00000145220	0.036258896	0.030864564	0.034953685	0.036659943
ENSG00000132196	0.029363784	0.030872786	0.032693186	0.02920945
ENSG00000155096	0.032139338	0.039696997	0.037250239	0.02854971
ENSG00000116771	0.041183478	0.037762001	0.033880302	0.033950271
ENSG00000161281	0.016672572	0.024698418	0.026623006	0.023256345
ENSG00000106609	0.024014653	0.034106483	0.034319223	0.01959161
ENSG00000178950	0.032903083	0.035168416	0.032025052	0.028219349
ENSG00000173566	0.054221178	0.045512852	0.037471032	0.040547014
ENSG00000101098	0.017913193	0.02583941	0.025534406	0.017033542
ENSG00000186187	0.015723909	0.025101288	0.025027508	0.014946615
ENSG00000089199	0.017212808	0.025146062	0.024928807	0.016137901
ENSG00000163558	0.042404476	0.040486711	0.037546631	0.031944562
ENSG00000166016	0.061398014	0.060234013	0.064186445	0.062285049
ENSG00000129467	0.035940346	0.034496426	0.031262686	0.02923366
ENSG00000185751	0.018146672	0.027229512	0.025912162	0.015985408
ENSG00000139433	0.03178065	0.03650575	0.034528436	0.024853865
ENSG00000189350	0.015198011	0.024751119	0.02526279	0.015495058
ENSG00000147044	0.065494723	0.049872623	0.040990644	0.043576437
ENSG00000139344	0.019432144	0.026330998	0.025684892	0.017953538
ENSG00000242366	0.022590896	0.029280466	0.025208622	0.025093841
ENSG00000116191	0.057951038	0.053478832	0.057432204	0.052572184
ENSG00000075218	0.025899323	0.028098553	0.025722265	0.02084557
ENSG00000092330	0.040100146	0.035932953	0.038236165	0.026673028
ENSG00000133639	0.019753094	0.028270057	0.027380235	0.020112227
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ENSG00000179300	0.022513217	0.030481927	0.027909097	0.018566547
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ENSG00000177542	0.026094742	0.033517865	0.038816438	0.027956278
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ENSG00000109846	0.026291324	0.032366266	0.031314395	0.035161815
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ENSG00000091428	0.016336574	0.024932399	0.025287084	0.015143165
ENSG00000173638	0.037044258	0.03172482	0.03544475	0.033568864
ENSG00000105216	0.025358632	0.030542221	0.029541895	0.021264864
ENSG00000143443	0.023688676	0.02716173	0.029627856	0.021217222
ENSG00000160293	0.020558565	0.030068697	0.02561175	0.021924826
ENSG00000181666	0.043797808	0.039415092	0.037270587	0.03614952
ENSG00000125818	0.014923398	0.02451506	0.024932232	0.015201994
ENSG00000173715	0.057041252	0.050712104	0.047265737	0.039914877
ENSG00000088876	0.027535949	0.02909489	0.029572427	0.019450746
ENSG00000004534	0.030176719	0.035186851	0.031306067	0.023369877
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ENSG00000158636	0.031577108	0.033116617	0.031716449	0.027361906
ENSG00000169418	0.047322768	0.053566436	0.053547183	0.050659193
ENSG00000143499	0.038581806	0.041242807	0.034289174	0.033003066
ENSG00000124785	0.12701717	0.126537087	0.09133679	0.135792354
ENSG00000106803	0.023663408	0.028945715	0.031804281	0.026428316
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ENSG00000149150	0.041303309	0.036219341	0.036277101	0.029772773
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ENSG00000154781	0.02281052	0.032582216	0.032671131	0.02491835
ENSG00000148671	0.081235995	0.065384515	0.060510245	0.074777964
ENSG00000171121	0.015892906	0.025618103	0.025449753	0.014644318
ENSG00000137860	0.015629798	0.024718931	0.024788831	0.014781338
ENSG00000168702	0.01637809	0.024892964	0.025250851	0.016643596
ENSG00000147454	0.041621678	0.03725004	0.03750013	0.039708502
ENSG00000205726	0.016329548	0.024226492	0.024824972	0.01614814
ENSG00000179761	0.06126441	0.050587549	0.046134483	0.061412252
ENSG00000134138	0.016354822	0.025291067	0.024504857	0.015912047
ENSG00000153790	0.020415048	0.027425178	0.025937812	0.020529445
ENSG00000070731	0.028019355	0.026886614	0.026756911	0.030877266
ENSG00000135334	0.024877338	0.033438413	0.032144413	0.021634288
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ENSG00000127334	0.018761138	0.029435426	0.029616094	0.019474231
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ENSG00000243480	0.031512257	0.038345516	0.031062851	0.031139877
ENSG00000104859	0.020832757	0.032933855	0.038333941	0.027655979
ENSG00000113013	0.024540242	0.029353102	0.027664928	0.019273865
ENSG00000119913	0.015632722	0.024582312	0.024648948	0.015137887
ENSG00000059377	0.078469623	0.070331467	0.06464926	0.066409284
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ENSG00000105968	0.027619266	0.029633993	0.029367118	0.021278323
ENSG00000239389	0.016169729	0.024497432	0.024639202	0.016020921
ENSG00000179241	0.032736284	0.026228555	0.024459136	0.017810036
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ENSG00000170836	0.035167575	0.038014141	0.036007188	0.025394846
ENSG00000169484	0.017622693	0.026339925	0.025183597	0.016247219
ENSG00000178694	0.023096144	0.030177263	0.028080709	0.020294226
ENSG00000112462	0.015283563	0.024204832	0.02490725	0.015475393
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ENSG00000104356	0.039416774	0.048264796	0.036976545	0.040111752

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ENSG0000008056	0.01517368	0.025245655	0.02543726	0.01449779
ENSG00000137709	0.027639313	0.05646628	0.038710371	0.031684593
ENSG00000102452	0.015179709	0.026097063	0.025314753	0.016725635
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ENSG00000141349	0.033554103	0.029331829	0.029006471	0.030989903
ENSG00000156671	0.015287759	0.025673091	0.024291252	0.014721556
ENSG00000130202	0.016417254	0.025531403	0.024754282	0.015108119
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ENSG00000145723	0.0395526	0.041644495	0.033169565	0.026489433
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ENSG00000177106	0.059470514	0.05872893	0.045988315	0.051585864
ENSG00000078140	0.026621032	0.034310443	0.029764379	0.0267726
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ENSG00000117280	0.055102721	0.041705202	0.038985281	0.042695398
ENSG00000099385	0.028096945	0.034786365	0.030196364	0.030619329
ENSG00000104375	0.055468912	0.053700163	0.045304259	0.052207663
ENSG00000167772	0.014668827	0.025090892	0.025414864	0.015232487
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ENSG00000153037	0.026016953	0.03471891	0.038601231	0.029589987
ENSG00000100241	0.032993403	0.036932582	0.036478266	0.026711187
ENSG00000154262	0.050740742	0.048288154	0.035846088	0.042192263
ENSG00000033122	0.015145608	0.025141981	0.024894071	0.015536891
ENSG00000134072	0.049048374	0.046861916	0.035486979	0.042251516
ENSG00000198598	0.083357765	0.084242656	0.083323598	0.086732814
ENSG00000166136	0.022504957	0.028561473	0.027653428	0.019756918
ENSG00000111291	0.038821679	0.031094831	0.032467524	0.02344288
ENSG00000100100	0.058463079	0.053853207	0.054989422	0.061871487
ENSG00000080007	0.096864966	0.077489304	0.084133159	0.079774256
ENSG00000170577	0.019481982	0.0269483	0.028464833	0.017859725
ENSG00000103266	0.024411538	0.026700088	0.028965374	0.020175471
ENSG00000181518	0.015980513	0.025492251	0.025630049	0.014623132
ENSG00000204351	0.030472684	0.033870639	0.031579083	0.023067012
ENSG00000187243	0.029246974	0.024590123	0.02574703	0.017265165
ENSG00000135744	0.016862175	0.025324445	0.025825859	0.015929664
ENSG00000137077	0.015451213	0.024759819	0.025318843	0.014940644
ENSG00000104921	0.042114134	0.049173913	0.050382693	0.062063951
ENSG00000115211	0.015750645	0.024675565	0.024359268	0.016832355
ENSG00000133872	0.025185437	0.029826713	0.031771153	0.019891106
ENSG00000173250	0.016294926	0.024811361	0.02519823	0.016787756
ENSG00000156234	0.051786151	0.049887669	0.050536087	0.038578562
ENSG00000125848	0.01949977	0.025651377	0.025411493	0.01622811
ENSG00000166260	0.043088464	0.046031154	0.034227659	0.034744112
ENSG00000183260	0.017065084	0.026009054	0.024966146	0.01642668
ENSG00000112137	0.056747397	0.062616064	0.052072891	0.07236883
ENSG00000093000	0.015533298	0.024418391	0.02486549	0.014032699
ENSG00000137185	0.026225162	0.034051067	0.031679208	0.025247276
ENSG00000170255	0.014632132	0.025248348	0.025764009	0.01591843
ENSG00000168477	0.01648748	0.024580771	0.024209251	0.014842013
ENSG00000164989	0.025918195	0.029206617	0.030011956	0.025233531
ENSG00000173451	0.031919214	0.045358386	0.042180406	0.029232005
ENSG00000105443	0.02456214	0.029329234	0.033329283	0.02772691
ENSG00000173456	0.032400438	0.029978126	0.03747505	0.027882977
ENSG00000172780	0.024695668	0.030610371	0.032855074	0.024044116
ENSG00000147885	0.016671539	0.027070474	0.025282022	0.017271833
ENSG00000112335	0.027291466	0.030711933	0.027301817	0.021956738
ENSG00000149782	0.023264108	0.030491621	0.029613285	0.024024116
ENSG00000178172	0.017538501	0.026549137	0.026220702	0.017742206
ENSG00000254122	0.018529062	0.025876022	0.027119412	0.016653067
ENSG00000131931	0.029783644	0.035134139	0.034623012	0.02925933
ENSG00000229809	0.022865238	0.027469127	0.029756469	0.023441395
ENSG00000186340	0.016395269	0.02554968	0.025346336	0.014179527
ENSG00000116745	0.016340246	0.025080244	0.02590134	0.016256823
ENSG00000174607	0.032159968	0.039223194	0.029106674	0.038204656
ENSG00000100299	0.038184925	0.038389696	0.03605128	0.033772137
ENSG00000174173	0.032934868	0.039654136	0.044743555	0.032942657
ENSG00000185298	0.027912966	0.034124082	0.038336214	0.029122283
ENSG00000104537	0.017196079	0.025518014	0.024955685	0.016609697
ENSG00000163754	0.0380115	0.039820982	0.036393338	0.033400113

ENSG00000188580	0.039578259	0.026526952	0.025865393	0.016537036
ENSG00000183087	0.048877072	0.051793045	0.048997219	0.049158154
ENSG00000111325	0.025373995	0.030385154	0.032363742	0.027751911
ENSG00000099326	0.034374885	0.037899123	0.035413868	0.029414961
ENSG00000131126	0.016904341	0.026599458	0.026019081	0.016227149
ENSG00000181873	0.03328481	0.032663113	0.038614206	0.034220047
ENSG00000080845	0.016820167	0.02552189	0.025227227	0.014940883
ENSG00000166323	0.027414227	0.029680202	0.028513654	0.026974503
ENSG00000164253	0.071032032	0.039942822	0.037253367	0.029667856
ENSG00000144481	0.016539646	0.02506112	0.026317573	0.015657366
ENSG00000158480	0.037225106	0.036926909	0.034481136	0.027109351
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ENSG00000168778	0.014963441	0.025947787	0.025109188	0.015063397
ENSG00000108828	0.027599358	0.032181477	0.03085231	0.029894039
ENSG00000179918	0.036677334	0.035544362	0.036536037	0.030694245
ENSG00000185345	0.015694996	0.025052756	0.024827238	0.014768825
ENSG00000132286	0.031395082	0.037407874	0.043357762	0.032552624
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ENSG00000158457	0.030885443	0.036284628	0.034063575	0.034741047
ENSG00000129422	0.034399601	0.028457797	0.026078172	0.033018856
ENSG00000132510	0.034015729	0.038610434	0.040854847	0.034273297
ENSG00000165841	0.015195424	0.025318026	0.025192153	0.015401415
ENSG00000111261	0.017915595	0.024990338	0.025849966	0.017834457
ENSG00000169100	0.022912855	0.02815356	0.028141189	0.022617071
ENSG00000090006	0.033954895	0.029748465	0.038396034	0.034531172
ENSG00000147576	0.046918331	0.039820593	0.037162154	0.040274424
ENSG00000085185	0.052241148	0.045492741	0.038214511	0.038051408
ENSG00000185504	0.031341841	0.038219245	0.036966089	0.027853913
ENSG00000172324	0.01671574	0.025770197	0.025907617	0.015121045
ENSG00000083544	0.032607305	0.036569268	0.030262755	0.023464603
ENSG00000040731	0.017353326	0.025499929	0.025002703	0.017090183
ENSG00000170627	0.247734321	0.156626613	0.13124397	0.177745352
ENSG00000084093	0.017960755	0.026534132	0.025498135	0.016589776
ENSG00000134343	0.08327361	0.038213392	0.025808665	0.029404688
ENSG00000130313	0.023881031	0.030695752	0.030547526	0.027775205
ENSG00000182580	0.014760424	0.024753045	0.02507466	0.014469115
ENSG00000104899	0.02245244	0.028148074	0.026155718	0.017778096
ENSG00000086730	0.035008058	0.044940658	0.040701958	0.059215228
ENSG00000132964	0.032942118	0.038833266	0.031557516	0.026315952
ENSG00000244038	0.02271916	0.027078056	0.027154089	0.022276955
ENSG00000103152	0.024119857	0.027026873	0.028909027	0.022633396
ENSG00000104365	0.032001254	0.036277277	0.03534737	0.031082232
ENSG00000178297	0.017493052	0.025360058	0.025396969	0.016781924
ENSG00000213398	0.032601409	0.034973518	0.028826867	0.032931013
ENSG00000157680	0.031621785	0.029523736	0.031768496	0.028477484
ENSG00000139428	0.025980918	0.034494921	0.031897606	0.022465829
ENSG00000070610	0.025746247	0.033276954	0.032079611	0.030107173
ENSG00000139160	0.015907316	0.024164723	0.025388731	0.014919221
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ENSG00000131019	0.015909137	0.026064343	0.025412344	0.014948108

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ENSG00000106633	0.018167468	0.025623234	0.025633135	0.015669068
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ENSG00000074319	0.025462869	0.032625224	0.029731964	0.024018857
ENSG00000172425	0.016520875	0.026363342	0.024847494	0.016488698
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ENSG00000162734	0.030460694	0.031962189	0.029557879	0.026571534
ENSG00000120896	0.035824297	0.035057905	0.029627022	0.028989433
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ENSG00000141380	0.037630811	0.038398059	0.034620883	0.036662726
ENSG00000213906	0.016325107	0.026359619	0.025080107	0.016344976
ENSG00000108349	0.023467907	0.030094355	0.032223876	0.022628115
ENSG00000112212	0.017133324	0.024105912	0.024600174	0.015354769
ENSG00000057294	0.0296516	0.027844672	0.027506467	0.030917202
ENSG00000117143	0.035595701	0.033450059	0.037504234	0.034025894
ENSG00000197971	0.016937402	0.026480593	0.026138315	0.015032563
ENSG00000110888	0.016452013	0.026359808	0.025430538	0.01697878
ENSG00000171161	0.023903937	0.030341499	0.030999977	0.024828878
ENSG00000065150	0.043791858	0.050030437	0.034892916	0.039559078
ENSG00000066248	0.016548329	0.024607335	0.02440422	0.015088978
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ENSG00000161647	0.015240008	0.024902271	0.024529949	0.014909
ENSG00000157064	0.016324458	0.025574693	0.024898344	0.015451095
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ENSG00000064195	0.01709525	0.026612274	0.025149017	0.016749002
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ENSG00000198573	0.037817578	0.025059499	0.025443914	0.015155805
ENSG00000145391	0.016992931	0.024727359	0.025960782	0.016174988
ENSG00000174016	0.016263252	0.026462277	0.026696101	0.01715988
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ENSG00000130528	0.015662307	0.024669079	0.025037317	0.015125267
ENSG00000153250	0.074228743	0.064726818	0.054169482	0.076175551
ENSG00000133256	0.078852576	0.054630293	0.049880735	0.059910339
ENSG00000198788	0.018545183	0.025694809	0.027791957	0.016284942
ENSG00000126878	0.018062306	0.024945262	0.02546386	0.066756836
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ENSG00000198874	0.02731784	0.032470337	0.028173224	0.02402898
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ENSG00000057757	0.024304975	0.029974266	0.031907283	0.019953667
ENSG00000011083	0.015530767	0.02471772	0.024954183	0.014468907
ENSG00000101082	0.0183458	0.031481052	0.030503093	0.023131193
ENSG00000164363	0.016455411	0.025108895	0.025588339	0.01502335
ENSG00000131759	0.03490069	0.037826353	0.034882353	0.038897688
ENSG00000100749	0.035212803	0.036049333	0.03389034	0.033910365
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ENSG00000177731	0.025331207	0.031362445	0.027248946	0.023157746
ENSG00000140950	0.017288716	0.025652756	0.024648213	0.01838469
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ENSG00000151572	0.014854423	0.02512116	0.024590666	0.013913374
ENSG00000184205	0.034689954	0.034517988	0.037679217	0.033300871
ENSG00000162723	0.014606913	0.024608443	0.025460164	0.014754084
ENSG00000119782	0.030705105	0.032774823	0.031970939	0.030875292
ENSG00000081870	0.028455566	0.030381772	0.029394844	0.025545873
ENSG00000106012	0.022377969	0.025908964	0.027480879	0.019874141
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ENSG00000165553	0.016568576	0.025021437	0.025202168	0.015757587
ENSG00000008256	0.059854758	0.059873459	0.054701024	0.072478237
ENSG00000176619	0.029796066	0.031126059	0.033118532	0.026023782
ENSG00000112695	0.022029572	0.026896079	0.028085979	0.017077134
ENSG00000074201	0.024409872	0.030072918	0.028433146	0.018368375
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ENSG00000131808	0.015454945	0.024418657	0.024824884	0.014758124
ENSG00000135838	0.070828967	0.056376065	0.039073284	0.055807907
ENSG00000115816	0.024843096	0.02943628	0.029932677	0.023699106
ENSG00000123329	0.036078886	0.036981622	0.035691578	0.035316173
ENSG00000170365	0.025609283	0.031508543	0.028033397	0.026772947
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ENSG00000155959	0.022890263	0.029514429	0.027955915	0.025708058
ENSG00000134900	0.035061661	0.036299426	0.032665179	0.029470127
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ENSG00000104805	0.028432292	0.029466526	0.034014853	0.028033666
ENSG00000163825	0.016808824	0.025183589	0.025045554	0.01567675
ENSG00000147383	0.024495171	0.030078769	0.03040281	0.022998429
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ENSG00000163389	0.038849883	0.038566389	0.039640178	0.03408696
ENSG00000101222	0.016827807	0.025742984	0.024249969	0.015729533
ENSG00000020256	0.039819384	0.042602448	0.034754826	0.030190584
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ENSG00000132563	0.053843314	0.046906459	0.045729036	0.051378656
ENSG00000181274	0.043506134	0.037612452	0.037496418	0.035941408
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ENSG00000154719	0.027340576	0.031719883	0.028806352	0.022398815

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ENSG00000163867	0.018008295	0.025621548	0.0242867	0.015047185
ENSG00000144730	0.01681815	0.02502639	0.024558803	0.014813048
ENSG00000186907	0.015164201	0.024482934	0.024427334	0.015191406
ENSG0000005448	0.034028134	0.032122306	0.032196539	0.026944317
ENSG00000136146	0.024079032	0.028915625	0.030155351	0.022377254
ENSG00000105607	0.03903511	0.035142079	0.03171247	0.032217617
ENSG00000213859	0.01580686	0.026370952	0.025008764	0.016393006
ENSG00000170248	0.022975268	0.03132462	0.028239928	0.021429477
ENSG00000196119	0.017169227	0.025038893	0.024370679	0.016189261
ENSG00000175283	0.035798452	0.047954245	0.049598433	0.040371102
ENSG00000137547	0.023345322	0.029024381	0.027894996	0.023418506
ENSG00000101441	0.01581247	0.024815825	0.024347469	0.015365458
ENSG00000180176	0.019781656	0.025157568	0.02582605	0.017058398
ENSG00000023608	0.048536908	0.043842947	0.044297917	0.055549245
ENSG00000105974	0.034732554	0.029536427	0.03314522	0.023601152
ENSG00000185885	0.041578515	0.035806849	0.038088298	0.035634934
ENSG00000101825	0.0169422	0.025240757	0.024392638	0.015334524
ENSG00000161326	0.045820996	0.052481568	0.044038978	0.046719747
ENSG00000221963	0.031037478	0.034415667	0.037918068	0.026747348
ENSG00000132906	0.031755271	0.036892256	0.040833892	0.027419959
ENSG00000160075	0.025672732	0.031143295	0.029889171	0.022203556
ENSG00000149823	0.020743983	0.027423491	0.030184207	0.020664605
ENSG00000134827	0.016346545	0.024652814	0.026063536	0.018131124
ENSG00000136404	0.064910868	0.063448615	0.050425595	0.073600837
ENSG00000163605	0.029761445	0.033236861	0.034754935	0.031474249
ENSG00000163785	0.038244198	0.043542434	0.035311736	0.036019613
ENSG00000240038	0.031370225	0.033841167	0.032493197	0.027908801
ENSG00000125878	0.023953924	0.030863742	0.028670873	0.021804004
ENSG00000154447	0.050295045	0.040810369	0.036939403	0.042477507
ENSG00000164175	0.016979794	0.025638932	0.024234627	0.018313654
ENSG00000163518	0.094026254	0.089927901	0.066465315	0.090425331
ENSG00000133937	0.014714111	0.025083432	0.024743626	0.01492261
ENSG00000204475	0.07176846	0.075615461	0.093164193	0.072276041
ENSG00000181264	0.04470009	0.038496063	0.033094703	0.037001995
ENSG00000145920	0.016634152	0.024847354	0.025184609	0.015372365
ENSG00000105141	0.014949974	0.024714983	0.025510843	0.014356657
ENSG00000149260	0.017761342	0.026000358	0.026402797	0.016098759
ENSG00000058729	0.028633515	0.033685302	0.035405751	0.02393019
ENSG00000144485	0.018252497	0.025507982	0.025089075	0.015266513
ENSG00000141140	0.035817144	0.041537871	0.033033236	0.026265198
ENSG00000166220	0.023115562	0.026685021	0.030444496	0.018322901
ENSG00000139574	0.016932401	0.026581747	0.025344334	0.015732585
ENSG00000196378	0.026817251	0.030568474	0.036509687	0.02794329
ENSG00000175344	0.017026525	0.026370944	0.025951064	0.017027328
ENSG00000100629	0.059998794	0.059219468	0.04842248	0.042635193
ENSG00000123364	0.015557403	0.02525114	0.024917023	0.01701932
ENSG00000187581	0.01952695	0.030404387	0.025888551	0.020814837
ENSG00000078674	0.023689951	0.032882546	0.029180156	0.024225477
ENSG00000168172	0.029699809	0.039946378	0.03277661	0.027437962
ENSG00000135390	0.019579278	0.025105801	0.02610856	0.01673815

ENSG00000184995	0.017242453	0.026038138	0.025426658	0.01744632
ENSG00000182950	0.01682306	0.025049116	0.025308563	0.014583336
ENSG00000095539	0.0165681	0.024943784	0.024569319	0.016520254
ENSG00000129473	0.037459622	0.034139434	0.028443728	0.025320617
ENSG00000154429	0.03045335	0.027582236	0.030106396	0.024336263
ENSG00000077458	0.040065364	0.04369602	0.038223442	0.037087199
ENSG00000166889	0.026159079	0.031215259	0.031317924	0.022616691
ENSG00000105755	0.0382973	0.035005195	0.040764041	0.039005075
ENSG00000187866	0.028420405	0.033782241	0.03158013	0.020824619
ENSG00000198838	0.026870359	0.026090325	0.026591245	0.01787237
ENSG00000188641	0.112522687	0.075730975	0.069922883	0.068397809
ENSG00000117360	0.025554967	0.030150877	0.029064498	0.023660674
ENSG00000150782	0.032154818	0.032222821	0.032269524	0.033131106
ENSG00000120251	0.018114213	0.026201827	0.026073861	0.017261563
ENSG00000168818	0.024616773	0.033914673	0.033544206	0.024626757
ENSG00000155393	0.033842972	0.036599594	0.034013614	0.026718583
ENSG00000100344	0.015531428	0.024771979	0.024868137	0.014461612
ENSG00000185274	0.015812052	0.025310028	0.025714507	0.016364155
ENSG00000185112	0.078368669	0.054536849	0.063211335	0.059845358
ENSG00000170925	0.016561652	0.025550703	0.024842748	0.015962255
ENSG00000165887	0.026143263	0.028590772	0.026102615	0.024859438
ENSG00000121064	0.033467076	0.038146905	0.035923992	0.036405501
ENSG00000197147	0.026312789	0.029393668	0.027506267	0.022242994
ENSG00000163646	0.015835548	0.025290483	0.024497427	0.015730871
ENSG00000178522	0.016139764	0.02520175	0.024806178	0.014885817
ENSG00000186106	0.041726439	0.041213184	0.035889856	0.029121846
ENSG00000109536	0.023475197	0.029049424	0.027388294	0.027730767
ENSG00000139985	0.015865115	0.025346223	0.024793801	0.015696741
ENSG00000138316	0.016122271	0.027298505	0.025874459	0.01601599
ENSG00000078967	0.036666561	0.040081917	0.03133514	0.032216514
ENSG00000171014	0.016781617	0.025096055	0.02494487	0.016194552
ENSG00000169871	0.030298864	0.034251792	0.02979683	0.028000905
ENSG00000198198	0.018811167	0.02685486	0.027448214	0.023293443
ENSG00000105198	0.019223972	0.025009853	0.025342492	0.016004387
ENSG00000132676	0.020966	0.026502109	0.026622752	0.01734102
ENSG00000119729	0.048787375	0.043252222	0.046934511	0.042553785
ENSG00000108819	0.01714085	0.026739968	0.024938327	0.01793339
ENSG00000137561	0.015687404	0.024939831	0.024543655	0.015299292
ENSG00000129625	0.037155104	0.042494663	0.036066011	0.028745843
ENSG00000135312	0.017729466	0.025772223	0.027274998	0.015766549
ENSG00000183888	0.017536259	0.027221039	0.025002164	0.020490594
ENSG00000121766	0.028902553	0.035545411	0.032776788	0.02147593
ENSG00000135913	0.033730885	0.04700652	0.036653142	0.035862051
ENSG00000069696	0.020819441	0.027225986	0.027112576	0.019518774
ENSG00000130643	0.014565541	0.025016205	0.02489278	0.014731794
ENSG00000113621	0.031979162	0.034584369	0.035446886	0.033145382
ENSG00000110852	0.049199621	0.062177342	0.055939711	0.066867613
ENSG00000145423	0.014597296	0.024971281	0.024629392	0.014752397
ENSG00000182256	0.016441024	0.025730353	0.025083917	0.017213004
ENSG00000123349	0.016790108	0.025208886	0.02602729	0.018206311
ENSG00000137312	0.026023208	0.031936469	0.03611066	0.027397611
ENSG00000117758	0.03167775	0.037205558	0.035497004	0.02920175
ENSG00000111361	0.024234492	0.029804858	0.030670704	0.02130459
ENSG00000127616	0.033282411	0.035228641	0.033586325	0.028441752

ENSG0000070808	0.015822132	0.025478183	0.025608114	0.014937551
ENSG00000119041	0.029718195	0.033742216	0.030950355	0.028375339
ENSG00000150275	0.017012112	0.025092788	0.025100391	0.01634324
ENSG00000151445	0.02888455	0.034669472	0.030400665	0.025227085
ENSG00000169826	0.048359555	0.049085819	0.041648094	0.041556564
ENSG00000147003	0.019339797	0.028079385	0.026812923	0.019931975
ENSG00000124171	0.016641396	0.025248044	0.02542389	0.017118988
ENSG00000170892	0.024900062	0.030293921	0.030974583	0.027163068
ENSG00000155265	0.017578427	0.026269468	0.026405169	0.016594337
ENSG00000166183	0.015966982	0.026460607	0.024451412	0.014784015
ENSG00000162951	0.017189524	0.024952771	0.024804278	0.016331479
ENSG00000180929	0.016338833	0.025234985	0.024827981	0.014540865
ENSG00000130766	0.032199332	0.03282531	0.034225977	0.032076905
ENSG00000174384	0.015736659	0.025136597	0.02540097	0.015005792
ENSG00000161958	0.019727276	0.031061083	0.026603527	0.018892517
ENSG00000133069	0.015682983	0.025692535	0.024768683	0.015800585
ENSG00000166415	0.016404228	0.025616544	0.0251674	0.01616252
ENSG00000162643	0.054988105	0.04227094	0.038703021	0.040042606
ENSG00000205758	0.026339126	0.03522896	0.032059483	0.023281544
ENSG00000161714	0.018446372	0.025720206	0.025606281	0.01706755
ENSG00000156873	0.020856908	0.02956581	0.02984699	0.020824285
ENSG00000147145	0.016436679	0.027172337	0.026526232	0.016911975
ENSG00000162062	0.050172673	0.049829597	0.03753342	0.037001291
ENSG00000141562	0.038224491	0.035997768	0.035804393	0.038863865
ENSG00000206422	0.01498921	0.025230554	0.024135574	0.015354163
ENSG00000204370	0.02159454	0.02823717	0.026862914	0.021979927
ENSG00000142864	0.01927952	0.025934157	0.027848308	0.01674218
ENSG00000047936	0.015928909	0.024928064	0.025212809	0.016215856
ENSG00000108309	0.017485769	0.024645277	0.02461709	0.015697959
ENSG00000131374	0.032665541	0.041701631	0.034503773	0.02946621
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ENSG00000129315	0.015337154	0.025643163	0.02803896	0.016536094
ENSG00000124508	0.019544101	0.028487787	0.028463758	0.022066595
ENSG00000154814	0.040073031	0.038263357	0.040598904	0.045599747
ENSG00000081818	0.015649065	0.024656795	0.02518582	0.014811057
ENSG00000213886	0.138559471	0.106363508	0.107347078	0.120090777
ENSG00000135636	0.015711608	0.025017758	0.02381977	0.014357504
ENSG00000223501	0.02799454	0.033569376	0.032230677	0.024086966
ENSG00000152133	0.035693309	0.033061752	0.033426153	0.033473795
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ENSG00000075275	0.017267009	0.025406782	0.025168235	0.014534106
ENSG00000142623	0.017416913	0.025389438	0.025799008	0.016478435
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ENSG00000168291	0.026435849	0.030029601	0.029364976	0.021842827
ENSG00000164897	0.024264635	0.027072309	0.037421627	0.024458858
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ENSG00000097046	0.048455962	0.038354694	0.036891241	0.031827436
ENSG00000179862	0.072592755	0.05766785	0.058593692	0.049782101
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ENSG00000164129	0.015251543	0.024222579	0.024705263	0.013862638
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ENSG00000206190	0.02562544	0.028490671	0.027296213	0.023172721
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ENSG00000126218	0.015340014	0.024781093	0.024307062	0.014992008
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ENSG00000170485	0.015871004	0.024889866	0.024641104	0.015452352
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ENSG00000158470	0.036776093	0.042945108	0.040973234	0.036019633
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ENSG00000018625	0.015340776	0.024552661	0.024234434	0.01373202
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ENSG00000113552	0.049627059	0.042098101	0.034404382	0.036698515
ENSG00000135842	0.044401176	0.045814992	0.044844366	0.052704982
ENSG00000099968	0.028114603	0.034517039	0.032369853	0.02354787
ENSG00000115541	0.022947394	0.029366688	0.026890989	0.019581239
ENSG00000146233	0.018954735	0.027176675	0.026783719	0.01695007
ENSG00000139117	0.057397837	0.07977396	0.051935083	0.058617763
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ENSG00000121073	0.031950668	0.033884267	0.035887296	0.035186561
ENSG00000188042	0.039299515	0.067158226	0.053780121	0.057489098
ENSG00000154945	0.03228328	0.031738062	0.036975568	0.030671359
ENSG00000179774	0.015078479	0.024516325	0.024732871	0.014947563
ENSG00000137571	0.058560877	0.051937282	0.056296052	0.048523464
ENSG00000172716	0.054890701	0.040849942	0.042051116	0.038003529
ENSG00000179593	0.046344683	0.047787719	0.038464286	0.038788953
ENSG00000112706	0.01570291	0.025226862	0.024999916	0.014578456
ENSG00000205583	0.01713319	0.026356993	0.026402687	0.016616463
ENSG00000187475	0.015718338	0.024537147	0.024672833	0.01562946
ENSG00000144115	0.063472342	0.054156815	0.054776363	0.067372792
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ENSG00000197217	0.03395798	0.032873842	0.037114836	0.033159691
ENSG00000250486	0.038673811	0.035908416	0.028927961	0.029749686
ENSG00000171612	0.038798341	0.042561326	0.045092591	0.037436108
ENSG00000169221	0.020093565	0.028954252	0.0338022	0.023035282
ENSG00000185745	0.09477877	0.086805875	0.078430716	0.076877184
ENSG00000119401	0.03437881	0.035786595	0.030745953	0.023131689
ENSG00000138698	0.045575628	0.045110295	0.03636613	0.038542929
ENSG00000157353	0.025008468	0.03284269	0.028818393	0.025311806
ENSG00000196705	0.015876106	0.024795673	0.025118942	0.016226184
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ENSG00000107554	0.047030055	0.039530021	0.032926355	0.040404717
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ENSG00000157890	0.015133659	0.024758976	0.02466222	0.014761572
ENSG00000196344	0.020931473	0.028679788	0.027645782	0.020283803
ENSG00000163491	0.01647119	0.024967929	0.024931446	0.016387059
ENSG00000178279	0.018283566	0.026425773	0.024790013	0.018907821
ENSG00000198663	0.025362814	0.031040824	0.038836943	0.025560499
ENSG00000145246	0.043952506	0.059200843	0.046637091	0.039480909
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ENSG00000066185	0.028729468	0.029904864	0.02861243	0.025344556
ENSG00000134538	0.015806815	0.025746767	0.025087725	0.016303845
ENSG00000156504	0.044406073	0.039768303	0.036915536	0.033221035
ENSG00000164070	0.042622946	0.045089203	0.038782344	0.039191847
ENSG00000156427	0.021555656	0.027013062	0.027560748	0.017271018
ENSG00000136816	0.025341996	0.03338525	0.033791114	0.023198348
ENSG00000197057	0.055608758	0.037969159	0.03563588	0.04324361
ENSG00000183530	0.015487692	0.024599664	0.024299303	0.015114427
ENSG00000203813	0.034842291	0.036806577	0.036456955	0.033798759
ENSG00000135346	0.018151317	0.025755694	0.024933796	0.017604594
ENSG00000147654	0.01700745	0.025296777	0.026212599	0.017069936
ENSG00000038382	0.042580413	0.038337185	0.039611	0.036722472
ENSG00000009780	0.030837169	0.036331359	0.031897455	0.023376426
ENSG00000125910	0.049134165	0.051841809	0.046036534	0.045336652
ENSG00000139329	0.020556044	0.024952266	0.024980106	0.015006731
ENSG00000213516	0.041981015	0.040732216	0.048669676	0.044687268
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ENSG00000160867	0.01992963	0.030049033	0.027242524	0.023579272
ENSG00000173627	0.015632862	0.02531402	0.02478185	0.016764626
ENSG00000163159	0.028782557	0.035718235	0.031352174	0.023397715
ENSG00000073910	0.052722772	0.05238155	0.051747073	0.058129887
ENSG00000074621	0.049422755	0.043788238	0.033471603	0.033360123
ENSG00000161981	0.036136146	0.030795725	0.031121244	0.033210976
ENSG00000186517	0.024685642	0.030664526	0.03032508	0.027448503
ENSG00000101938	0.016581908	0.024501431	0.024903513	0.016038775
ENSG00000182389	0.072405562	0.070299515	0.058590304	0.075868929
ENSG00000089057	0.016470788	0.02663257	0.024287392	0.015585317
ENSG00000104889	0.03988137	0.036764438	0.032232988	0.029311682
ENSG00000164893	0.017123532	0.02445427	0.024843805	0.016380707
ENSG00000113742	0.056444741	0.046081624	0.048709036	0.032679318
ENSG00000125845	0.0816796	0.056115992	0.059624315	0.061935275

ENSG0000004975	0.025357657	0.027640789	0.029071214	0.024259635
ENSG00000124875	0.016780488	0.025055069	0.025731439	0.015775396
ENSG00000171759	0.044251278	0.036626546	0.024903524	0.030585362
ENSG00000140527	0.016886823	0.024804326	0.026012014	0.014939946
ENSG00000129270	0.016113185	0.024738239	0.024936125	0.015320255
ENSG00000121853	0.017926589	0.027300941	0.026538461	0.015597065
ENSG00000153982	0.020794816	0.028725486	0.02711535	0.022815255
ENSG00000110944	0.060953683	0.05749162	0.056429935	0.051066121
ENSG00000182500	0.024945367	0.030651151	0.034429999	0.032852664
ENSG00000182175	0.020535182	0.027116783	0.02560244	0.018630065
ENSG00000163382	0.042244519	0.038976638	0.03704989	0.040055641
ENSG00000103227	0.016311892	0.026153666	0.024735096	0.015466752
ENSG00000133028	0.028877789	0.03208138	0.032769141	0.026547846
ENSG00000033100	0.036243666	0.047077979	0.049139749	0.033019039
ENSG00000178690	0.018604371	0.026087019	0.026924235	0.018269066
ENSG00000134108	0.025974605	0.03123618	0.033522843	0.028625135
ENSG00000185883	0.020552714	0.027403136	0.02943716	0.019813113
ENSG00000113119	0.038363957	0.039508683	0.032594994	0.031124058
ENSG00000126790	0.045714978	0.040642678	0.038771977	0.043615137
ENSG00000165633	0.016605539	0.025408931	0.025882459	0.016727108
ENSG00000196449	0.032437809	0.038762862	0.04784175	0.037086506
ENSG00000092148	0.024829147	0.032503701	0.029527309	0.023079367
ENSG00000214882	0.058792379	0.044523024	0.050273798	0.045954722
ENSG00000167664	0.016863723	0.025160284	0.026470331	0.015744877
ENSG00000169618	0.015098154	0.024547994	0.024990489	0.015342042
ENSG00000189403	0.034539709	0.034417949	0.031308889	0.030421897
ENSG00000188315	0.044127254	0.045964264	0.044515177	0.037039703
ENSG00000160695	0.021613844	0.028931433	0.027652048	0.022666328
ENSG00000172137	0.017321809	0.026144166	0.024951919	0.015702374
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ENSG00000138381	0.025247152	0.032267449	0.033797759	0.027538973
ENSG00000010282	0.01749758	0.02625967	0.024334562	0.015247577
ENSG00000214160	0.033312878	0.034342671	0.030074224	0.026422356
ENSG00000184560	0.015332901	0.024550567	0.025753516	0.015562458
ENSG00000185404	0.036566698	0.036848382	0.035782807	0.036158984
ENSG00000205916	0.017783748	0.027525462	0.025961473	0.017806041
ENSG00000138297	0.02538603	0.031733558	0.03494512	0.030907788
ENSG00000130956	0.058394882	0.04016029	0.040153546	0.048163691
ENSG00000111859	0.0473238	0.053243714	0.052240052	0.04603981
ENSG00000116703	0.015619793	0.024724894	0.024742822	0.015043239
ENSG00000235568	0.01625181	0.025342259	0.025173162	0.015797968
ENSG00000166448	0.018241996	0.025747033	0.026125593	0.01663767
ENSG00000099381	0.019967173	0.02785935	0.031061775	0.02385093
ENSG00000127423	0.047304788	0.041630347	0.043199385	0.042937306
ENSG00000109920	0.023135641	0.028793161	0.028394829	0.023893002
ENSG00000116396	0.030378036	0.02960433	0.029030689	0.024574457
ENSG00000186141	0.026081486	0.030624713	0.0322968	0.02112306
ENSG00000160396	0.016319169	0.025213679	0.024302132	0.015448634
ENSG00000106236	0.018829722	0.025008362	0.025379836	0.014796183
ENSG00000171155	0.036286854	0.038387248	0.033468865	0.028055012
ENSG00000140939	0.03580048	0.038019583	0.036202991	0.036053479
ENSG00000074964	0.01970928	0.02979497	0.029324795	0.020338681
ENSG00000130347	0.041372048	0.04235074	0.035577206	0.032821163
ENSG00000111640	0.019930527	0.024688071	0.026032629	0.018431893

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ENSG00000165309	0.018919154	0.026437963	0.027739301	0.017968715
ENSG00000169926	0.023657734	0.036073009	0.033715414	0.021570314
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ENSG00000147118	0.026123841	0.032789607	0.03093425	0.029647082
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ENSG00000123643	0.016436601	0.025505177	0.02441509	0.014910152
ENSG00000184985	0.015318612	0.025006548	0.025091746	0.01566457
ENSG00000127314	0.022140428	0.032289959	0.030296684	0.024774662
ENSG00000158092	0.029615379	0.034258287	0.032922329	0.027161265
ENSG00000187634	0.019489237	0.026284373	0.029437702	0.016007208
ENSG00000197826	0.029213083	0.032308076	0.027172101	0.023375237
ENSG00000164675	0.01655661	0.025449234	0.025015663	0.014322023
ENSG00000126106	0.027288795	0.03131333	0.031966374	0.023989706
ENSG00000137497	0.021479704	0.029165414	0.031066533	0.023935848
ENSG00000204356	0.028559252	0.030827634	0.032021965	0.021424966
ENSG00000149308	0.027410953	0.03669774	0.031418963	0.032335344
ENSG00000165632	0.01619289	0.024494629	0.024151677	0.016096069
ENSG00000133742	0.015930394	0.024624283	0.025091215	0.016073746
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ENSG00000149792	0.02245149	0.027941608	0.033132145	0.021201231
ENSG00000169692	0.05812852	0.040659225	0.039383808	0.034930727
ENSG00000160179	0.085951615	0.059924653	0.062735327	0.077381515
ENSG00000204262	0.045999881	0.02811372	0.026030741	0.029911854
ENSG00000072182	0.015397916	0.025175814	0.024926224	0.015314146
ENSG00000111906	0.024772351	0.030143144	0.028717199	0.023945714
ENSG00000182040	0.020513472	0.027744999	0.027023217	0.026739438
ENSG00000088038	0.026357716	0.029757041	0.042208249	0.02650259
ENSG00000170266	0.028454509	0.033571552	0.032855994	0.023962217
ENSG00000130287	0.022680102	0.026201478	0.027862676	0.017509347
ENSG00000105708	0.035718905	0.034237699	0.035988481	0.034221536
ENSG00000036565	0.015834705	0.024116341	0.024168814	0.014149675
ENSG00000221858	0.014204531	0.023865669	0.024665915	0.015577475
ENSG00000143624	0.026647313	0.030963606	0.029642407	0.025982986
ENSG00000204983	0.016696178	0.024597596	0.025090647	0.015449365
ENSG00000115946	0.043402142	0.056078193	0.058889829	0.053030547
ENSG00000067082	0.044294808	0.044983724	0.046419374	0.040791056
ENSG00000164744	0.016469371	0.026289343	0.026491765	0.01646232
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ENSG00000168374	0.023106167	0.031945018	0.037095678	0.027130617
ENSG00000089116	0.040742492	0.039589787	0.036143127	0.032367018
ENSG00000107317	0.01516441	0.0250432	0.024444102	0.015571694
ENSG00000147465	0.046687335	0.042744321	0.039254436	0.031917052
ENSG00000116478	0.024155316	0.032106861	0.029268054	0.02068823
ENSG00000138160	0.045264359	0.038925177	0.040060092	0.038668663
ENSG00000163472	0.032665023	0.039801731	0.037890498	0.027555156
ENSG00000142655	0.024313131	0.028425215	0.036152561	0.024110178
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ENSG00000180535	0.016720172	0.024730323	0.024807945	0.016190137
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ENSG00000158865	0.016212764	0.025300235	0.026166377	0.01407249
ENSG00000157654	0.039247435	0.04167764	0.037315394	0.038304428
ENSG00000062485	0.021320472	0.027363344	0.02806065	0.02183061
ENSG00000114268	0.105940787	0.052542863	0.050908546	0.057798044
ENSG00000177455	0.02840635	0.032917413	0.034045752	0.031760329
ENSG00000120942	0.038311386	0.03962886	0.044108706	0.042125475
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ENSG00000233838	0.022411446	0.028425114	0.026690963	0.019414368
ENSG00000012232	0.024491648	0.031825829	0.032465739	0.025706873
ENSG00000057468	0.021992954	0.027022656	0.030960563	0.019348962
ENSG00000135736	0.047718693	0.048328806	0.056172869	0.05147274
ENSG00000157150	0.016072862	0.025555136	0.025053593	0.015698175
ENSG00000081237	0.017002195	0.025674866	0.025721249	0.015252334
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ENSG00000165953	0.017435325	0.025927306	0.024700487	0.015729122
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ENSG00000164691	0.066503138	0.05336021	0.05365503	0.042744013
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ENSG00000183579	0.014824831	0.0248771	0.024077796	0.015286094
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ENSG00000090971	0.036601131	0.034454294	0.033912722	0.031644092
ENSG00000196406	0.033879243	0.026897952	0.025389705	0.017121397
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ENSG00000137364	0.037883113	0.029399762	0.034623408	0.031096849
ENSG00000140488	0.0243659	0.02927819	0.026988962	0.022604868
ENSG00000196104	0.01664948	0.024974718	0.026039515	0.017075248
ENSG00000164442	0.060473719	0.056477895	0.048520763	0.052844284
ENSG00000198178	0.046517367	0.042459639	0.040911313	0.058109908
ENSG00000120889	0.032539907	0.035571646	0.03398235	0.028697746
ENSG00000236104	0.024915722	0.031508786	0.035510273	0.024146372

ENSG00000179041	0.042481067	0.041611588	0.046654321	0.046736888
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ENSG00000103404	0.016891558	0.025337867	0.025352651	0.015525379
ENSG00000164822	0.015378373	0.025231485	0.02539988	0.01516099
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ENSG00000132874	0.015214506	0.02534517	0.026156389	0.01630103
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ENSG00000108433	0.03607718	0.040193329	0.036222753	0.032448368
ENSG00000162068	0.014890305	0.026148485	0.025557813	0.015685051
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ENSG00000122435	0.034704695	0.038791971	0.030736967	0.024043644
ENSG00000146221	0.015454134	0.02551214	0.02692033	0.016304064
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ENSG00000011332	0.022787612	0.025965326	0.027003837	0.018797167
ENSG00000105438	0.02903634	0.031624127	0.035829388	0.028225075
ENSG00000176261	0.023315425	0.030543167	0.03137128	0.021065609
ENSG00000171307	0.017207011	0.025272956	0.025990966	0.017470393
ENSG00000105372	0.014417147	0.023949402	0.023938248	0.015485454
ENSG00000100596	0.037163654	0.04185952	0.034567504	0.041096952
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ENSG00000134193	0.015431676	0.02439215	0.024885222	0.01424776
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ENSG00000176783	0.026523773	0.034549461	0.03344586	0.024164933
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ENSG00000135506	0.026431104	0.029153854	0.036930204	0.027141169
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ENSG00000196227	0.032952824	0.032461232	0.033306432	0.02924042
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ENSG00000172493	0.031541446	0.033634636	0.030255108	0.027079043
ENSG00000164919	0.01724412	0.026564738	0.025000278	0.018005196
ENSG00000124900	0.017280339	0.024688653	0.024792095	0.015845598
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ENSG00000204539	0.015415583	0.024482106	0.025200014	0.015032822
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ENSG00000152944	0.032476308	0.036937535	0.032614063	0.033344959
ENSG00000130294	0.016083222	0.025392876	0.025150631	0.016139203
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ENSG00000154380	0.015461626	0.024933228	0.024661021	0.015159032
ENSG00000187135	0.017411562	0.025094507	0.024220762	0.016400646
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ENSG00000169071	0.031761574	0.029323526	0.025961863	0.054329479
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ENSG00000116001	0.030159087	0.039404311	0.034134369	0.02719716
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ENSG00000124228	0.029246688	0.028369126	0.03177501	0.031663913
ENSG00000173540	0.038210972	0.03586005	0.03177245	0.035616267
ENSG00000135245	0.125618646	0.102135458	0.129898033	0.122455584
ENSG00000090661	0.026623726	0.034616877	0.029439304	0.031653003
ENSG00000169955	0.019449607	0.025405032	0.025716462	0.018270572
ENSG00000100605	0.046345144	0.044700296	0.040325301	0.047954131
ENSG00000165424	0.026791242	0.031838228	0.033191731	0.027106233
ENSG00000128313	0.016047139	0.025157956	0.024811295	0.015375084
ENSG00000170820	0.015604901	0.025032287	0.024600621	0.015139944
ENSG00000227500	0.031305501	0.035629696	0.043937051	0.034054938
ENSG00000130035	0.019199498	0.02613976	0.025782648	0.016651657
ENSG00000163507	0.047536475	0.047431235	0.035457715	0.04312769
ENSG00000248871	0.047094264	0.045364419	0.036837502	0.045317571
ENSG00000106692	0.029327037	0.033228892	0.02895591	0.023468947
ENSG00000011405	0.03540636	0.04670212	0.039853454	0.037819998
ENSG00000162419	0.029394336	0.030589124	0.035965666	0.027209716
ENSG00000091262	0.014953118	0.023962047	0.024074382	0.014428525
ENSG00000100065	0.017120662	0.024381343	0.024329676	0.01534773
ENSG00000154118	0.015906132	0.025445736	0.023846065	0.014617675
ENSG00000163874	0.027421273	0.040303561	0.041287961	0.031655304
ENSG00000197798	0.018856763	0.027208857	0.02788596	0.021279161
ENSG00000148737	0.018264546	0.026233625	0.026198752	0.015869633
ENSG00000139832	0.091465551	0.071643988	0.056991886	0.071356561
ENSG00000158467	0.038478488	0.037743145	0.032200378	0.032558564
ENSG00000101608	0.018958968	0.028002676	0.026728496	0.019813185
ENSG00000198900	0.027913547	0.036388821	0.031055852	0.030317171
ENSG00000108107	0.035240134	0.03648889	0.03374285	0.043895366
ENSG00000168447	0.038426006	0.045906272	0.035326784	0.04826442
ENSG00000140932	0.014700784	0.025452576	0.024488192	0.014987096
ENSG00000168175	0.027102395	0.036676015	0.032599644	0.026632974
ENSG00000167996	0.020179353	0.02719613	0.025868071	0.02035705
ENSG00000124743	0.015990024	0.025314853	0.024795477	0.015621277
ENSG00000126003	0.034365973	0.038020253	0.043860088	0.033093727
ENSG00000064419	0.026870903	0.032272342	0.032224248	0.022378881
ENSG00000198894	0.035628697	0.040997327	0.040264997	0.033832382
ENSG00000198929	0.016137252	0.024618664	0.024891665	0.01566407

ENSG00000114455	0.038539973	0.032402617	0.030247408	0.02058488
ENSG00000106178	0.017052895	0.025712213	0.024501679	0.016830556
ENSG00000005882	0.019124179	0.027740151	0.02590448	0.018033691
ENSG00000242689	0.01615246	0.024818858	0.023790509	0.015639062
ENSG00000050767	0.021426759	0.028877072	0.028550519	0.018825766
ENSG00000113555	0.015890344	0.025118215	0.025182995	0.014263231
ENSG00000121039	0.017083774	0.02516812	0.025625848	0.016308963
ENSG00000196248	0.014421471	0.02449045	0.024481098	0.016005458
ENSG00000159915	0.04746289	0.039026211	0.03173871	0.028637724
ENSG00000243646	0.027124625	0.031967103	0.03169179	0.024821959
ENSG00000068697	0.024420607	0.031705195	0.033880543	0.025442942
ENSG00000146909	0.03042815	0.030301436	0.033145187	0.022154018
ENSG00000142102	0.050393393	0.058476939	0.056537076	0.056693211
ENSG00000172331	0.039838727	0.047097823	0.038897736	0.038721774
ENSG00000148248	0.026808051	0.03125831	0.037738839	0.028344275
ENSG00000156103	0.016461642	0.025399832	0.025459972	0.016171165
ENSG00000089876	0.048834061	0.037319238	0.037695416	0.0321184
ENSG00000196277	0.017180128	0.025399949	0.024985188	0.01730888
ENSG00000114739	0.048885428	0.046696221	0.041140657	0.04053965
ENSG00000148156	0.015492223	0.024990349	0.024925521	0.014710141
ENSG00000142634	0.030268077	0.034665157	0.032352922	0.032035733
ENSG00000173198	0.046411886	0.04376784	0.045865882	0.049095613
ENSG00000243943	0.031418502	0.037782153	0.031945298	0.027499115
ENSG00000116406	0.04396973	0.041582632	0.038046715	0.046909039
ENSG00000163069	0.055538528	0.056130395	0.049323877	0.050339679
ENSG00000173575	0.01860427	0.026081874	0.025826843	0.018518427
ENSG00000112195	0.052481692	0.039314469	0.033504511	0.04463224
ENSG00000163872	0.048037459	0.051693921	0.051672593	0.045908426
ENSG00000089127	0.077197293	0.07735364	0.051659084	0.107739648
ENSG00000172590	0.047238944	0.047662791	0.040793948	0.035603625
ENSG00000112773	0.121961001	0.078919378	0.066682937	0.090832616
ENSG00000239704	0.058574272	0.047732478	0.057297376	0.065076825
ENSG00000123416	0.020419238	0.026139161	0.025128688	0.021286139
ENSG00000100490	0.019779551	0.027250942	0.027469551	0.017475059
ENSG00000160685	0.023543257	0.03244025	0.028964997	0.025426072
ENSG00000088448	0.037925382	0.03807028	0.035731386	0.032365236
ENSG00000053108	0.017355448	0.025506426	0.025897787	0.016082437
ENSG00000053918	0.014924454	0.025769288	0.024822565	0.014457943
ENSG00000166557	0.028547174	0.03340721	0.034210517	0.028578736
ENSG00000115350	0.033875379	0.030102848	0.035824174	0.030690186
ENSG00000117602	0.033135788	0.030668651	0.028027021	0.024094879
ENSG00000118785	0.026118316	0.03337916	0.033889817	0.022848431
ENSG00000189184	0.027740389	0.02515829	0.025153023	0.017887325
ENSG00000089775	0.045572663	0.042679612	0.044455069	0.047629226
ENSG00000120697	0.027313843	0.031472134	0.033422619	0.027033866
ENSG00000188425	0.017677652	0.024632644	0.02607292	0.01489523
ENSG00000140481	0.019268197	0.025736661	0.025945166	0.019022138
ENSG00000165752	0.0478231	0.052342237	0.038406153	0.040906434
ENSG00000168843	0.034395039	0.028758008	0.037302106	0.019695209
ENSG00000114686	0.024345658	0.028172193	0.027154825	0.025414726
ENSG00000007923	0.031129136	0.032318797	0.033500925	0.030039141
ENSG00000162600	0.037391469	0.041057095	0.032873727	0.032152493
ENSG00000125903	0.017798719	0.02821322	0.027321454	0.018543828
ENSG00000110801	0.033235594	0.040527741	0.036136054	0.034385737

ENSG00000169193	0.047723913	0.037715953	0.03586144	0.035251539
ENSG00000186272	0.029270325	0.03893259	0.041042166	0.025630948
ENSG00000110723	0.049158964	0.051579856	0.047646393	0.053368932
ENSG00000124098	0.030505364	0.033806944	0.031142969	0.026130484
ENSG00000137135	0.029120528	0.027535249	0.028939844	0.025134567
ENSG00000100918	0.047512683	0.045214741	0.047096639	0.050441595
ENSG00000132972	0.038719828	0.045125252	0.024613361	0.039296391
ENSG00000134874	0.049052512	0.035742519	0.027642195	0.026097383
ENSG00000253953	0.017741688	0.025149929	0.024123249	0.014834955
ENSG00000134321	0.03610397	0.041206496	0.038959715	0.035744325
ENSG00000166426	0.031583241	0.042759749	0.026026064	0.02343265
ENSG00000133265	0.04135742	0.033703266	0.037072115	0.039337428
ENSG00000130713	0.025659666	0.029611075	0.029175379	0.02410947
ENSG00000008118	0.017004355	0.026636255	0.024631452	0.016702725
ENSG00000163636	0.022417355	0.029338328	0.029055147	0.023973338
ENSG00000112561	0.032945813	0.040171307	0.037097832	0.03509325
ENSG00000140905	0.045054585	0.047538899	0.038879755	0.045463027
ENSG00000197697	0.056992398	0.06140401	0.046080109	0.048728549
ENSG00000204186	0.034269854	0.032244207	0.033222865	0.025865682
ENSG00000118690	0.02012597	0.024462579	0.026281588	0.018444676
ENSG00000177854	0.033845754	0.034785691	0.032721403	0.034642758
ENSG00000178802	0.039403618	0.034767871	0.036471157	0.034772078
ENSG00000081803	0.097921461	0.05438271	0.043485999	0.06706311
ENSG00000101191	0.033748254	0.037978066	0.037382284	0.024006334
ENSG00000187268	0.016349382	0.026040419	0.025199518	0.015264887
ENSG00000113761	0.021011464	0.033553179	0.03032983	0.026111162
ENSG00000068985	0.014825568	0.024808291	0.024138867	0.015786525
ENSG00000120688	0.030552386	0.035725003	0.031461464	0.028335797
ENSG00000059728	0.017983245	0.025655423	0.026439208	0.019080991
ENSG00000133316	0.03327396	0.032073639	0.034835545	0.026353751
ENSG00000171234	0.115810629	0.168429834	0.158797566	0.098574721
ENSG00000168497	0.020298973	0.025940174	0.025304076	0.014787094
ENSG00000150051	0.015731385	0.025284159	0.025331532	0.015543477
ENSG00000110031	0.025787273	0.031656211	0.028486879	0.022242727
ENSG00000088836	0.020716023	0.028514357	0.025415339	0.017094292
ENSG00000133958	0.016047155	0.025470126	0.025319385	0.015183154
ENSG00000109501	0.036035356	0.030873345	0.03123718	0.029637214
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ENSG00000169933	0.016975101	0.024789824	0.024626794	0.015630307
ENSG00000162882	0.030099386	0.030404843	0.027584501	0.025406904
ENSG00000178163	0.039462852	0.045889367	0.042051006	0.036334478
ENSG00000177425	0.050934286	0.043244007	0.033642884	0.040218712
ENSG00000177034	0.020627519	0.025307744	0.026595274	0.016082714
ENSG00000136928	0.015515106	0.026071214	0.024831729	0.015122165
ENSG00000164326	0.018271659	0.024960382	0.024610665	0.01762437
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ENSG00000138814	0.03659925	0.048279378	0.037791175	0.033646473
ENSG00000075240	0.051090139	0.041226663	0.034908934	0.03686221
ENSG00000167780	0.031635745	0.032191128	0.031797006	0.024591568
ENSG00000198327	0.023674988	0.028034382	0.029455215	0.020763479
ENSG00000159409	0.015215914	0.025036869	0.025095803	0.015911135
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ENSG00000186575	0.016659106	0.028991643	0.024911436	0.017065754
ENSG00000132849	0.019766683	0.029265048	0.029744292	0.019432856
ENSG00000110651	0.026124334	0.030200571	0.030311426	0.021225305
ENSG00000162378	0.034457683	0.038239185	0.03281636	0.027476424
ENSG00000149798	0.041889878	0.04189714	0.044574582	0.044008802
ENSG00000155463	0.021376518	0.028225563	0.028211576	0.019144053
ENSG00000166407	0.016890507	0.025495224	0.026150068	0.016625579
ENSG00000144566	0.021821073	0.032016	0.034885577	0.022625671
ENSG00000116984	0.02608131	0.03154511	0.031598327	0.028563958
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ENSG00000002549	0.027083382	0.032087557	0.029420228	0.021733335
ENSG00000183153	0.017574608	0.026305113	0.026659966	0.016173554
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ENSG00000099308	0.033713438	0.035476297	0.036324586	0.034967738
ENSG00000117528	0.038173904	0.044618799	0.035055957	0.029103131
ENSG00000196368	0.014781059	0.024975817	0.02445334	0.015690799
ENSG00000127863	0.164508146	0.143665963	0.122629797	0.155995293
ENSG00000059122	0.024300919	0.032362123	0.033664807	0.027228115
ENSG00000173825	0.014862909	0.024824227	0.025603582	0.015670997
ENSG00000169239	0.046334295	0.037672088	0.041369715	0.039695464
ENSG00000186431	0.032709106	0.032902046	0.038741067	0.031090741
ENSG00000196981	0.01968064	0.028381826	0.026015997	0.017240049
ENSG00000170634	0.01890644	0.025412196	0.02538746	0.016938779
ENSG00000172831	0.027894218	0.028753365	0.032748412	0.022358403
ENSG00000184697	0.017561725	0.026850878	0.027096974	0.019220308
ENSG00000203690	0.015271733	0.024512271	0.025512573	0.014243129
ENSG00000173110	0.071807263	0.080257054	0.061033895	0.076151226
ENSG00000133943	0.032520617	0.039809574	0.034702377	0.036853274
ENSG00000154839	0.047748623	0.038032114	0.037053791	0.036106135
ENSG00000170469	0.028982728	0.033352371	0.0293757	0.035059136
ENSG00000170231	0.077142349	0.061986451	0.046493211	0.05718678
ENSG00000109674	0.033813678	0.033495521	0.029140683	0.02405288
ENSG00000170615	0.018792488	0.026399953	0.025553913	0.017490111
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ENSG00000196693	0.043158116	0.040210279	0.033266501	0.038667453
ENSG00000162889	0.029378797	0.039386479	0.048445099	0.032695612
ENSG00000188566	0.0410583	0.039665335	0.031747534	0.031246125
ENSG00000242520	0.01477592	0.025045044	0.024141937	0.014887498
ENSG00000165716	0.102475185	0.105091992	0.068585548	0.071034811
ENSG00000108298	0.013382362	0.023441205	0.023728891	0.014118253
ENSG00000177710	0.014986838	0.024885331	0.024448981	0.014390068
ENSG00000172840	0.020593404	0.027834139	0.026865214	0.019466983
ENSG00000142686	0.028855129	0.034149264	0.034552894	0.028170282
ENSG00000105221	0.025904159	0.047996113	0.034260615	0.040071441
ENSG00000205808	0.037495838	0.036299676	0.031523904	0.027595516
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ENSG00000242852	0.02048182	0.027499403	0.026346229	0.017435132

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ENSG00000184351	0.0158714	0.026042079	0.024552094	0.017796895
ENSG00000166073	0.016013485	0.02521459	0.025969512	0.015006044
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ENSG00000124107	0.042139659	0.046470304	0.024855812	0.025917877
ENSG00000102786	0.032976116	0.03748861	0.036514164	0.036697589
ENSG00000174444	0.0141917	0.0242539	0.024109554	0.015031322
ENSG00000113946	0.047124583	0.027058275	0.026230002	0.019735213
ENSG00000170653	0.015168873	0.025154794	0.025223185	0.01519726
ENSG00000090097	0.031214414	0.037893966	0.034932729	0.032449014
ENSG00000115828	0.078718988	0.046038984	0.056802392	0.063216041
ENSG00000106785	0.01969245	0.026724138	0.026989074	0.018364596
ENSG00000139797	0.016581243	0.025021376	0.025306291	0.015472471
ENSG00000165259	0.041704517	0.043339874	0.034764044	0.030416901
ENSG00000105251	0.016978739	0.025442384	0.025445575	0.016954824
ENSG00000171953	0.020608379	0.029659083	0.033526077	0.026489223
ENSG00000166748	0.015491761	0.024832985	0.024031402	0.013917448
ENSG00000176769	0.015334641	0.024962216	0.025288593	0.026279089
ENSG00000145416	0.046449452	0.060090559	0.045813807	0.047906147
ENSG00000176834	0.017731538	0.026784128	0.025030978	0.016783194
ENSG00000102984	0.02998677	0.027887625	0.031356036	0.032119983
ENSG00000162607	0.0438659	0.037768011	0.036253472	0.037548534
ENSG00000125820	0.016746245	0.025993786	0.025339623	0.01557703
ENSG00000102897	0.029242605	0.035237789	0.032771233	0.023829359
ENSG00000158825	0.071959923	0.083687474	0.102732354	0.079934443
ENSG00000135077	0.126704407	0.069897791	0.074291057	0.092940323
ENSG00000125868	0.040627705	0.042280251	0.036491451	0.037347373
ENSG00000031823	0.021430093	0.027229186	0.032323296	0.0222114
ENSG00000169715	0.015485964	0.026601162	0.025334463	0.014309416
ENSG00000160207	0.019150865	0.028073601	0.026539824	0.020981389
ENSG00000146147	0.015226943	0.025280303	0.024287391	0.015328932
ENSG00000239857	0.026455948	0.034234371	0.036420525	0.026478977
ENSG00000184967	0.028196895	0.029553484	0.032366191	0.03219529
ENSG00000137878	0.035744353	0.042192121	0.036399913	0.02810896
ENSG00000156162	0.036262866	0.039795996	0.034352975	0.037915619
ENSG00000186306	0.016518523	0.024788163	0.024500814	0.015731779
ENSG00000141750	0.019754563	0.02906026	0.025110824	0.018344896
ENSG00000134248	0.021203307	0.027006721	0.027083855	0.018583912
ENSG00000169760	0.015692621	0.024129754	0.025290751	0.01613615
ENSG00000136999	0.062447238	0.03264418	0.026255278	0.027795456
ENSG00000173465	0.026058587	0.030419428	0.030651394	0.027588525
ENSG00000171574	0.020170419	0.026337174	0.02845379	0.016528602
ENSG00000149926	0.017712606	0.02620543	0.025622737	0.017662272
ENSG00000104267	0.114960039	0.086601298	0.087092147	0.091621455
ENSG00000142794	0.035134611	0.038863571	0.033544634	0.032601761
ENSG00000204310	0.014729816	0.024924048	0.024033336	0.01435344
ENSG00000167775	0.032946886	0.03410387	0.031884973	0.031928666
ENSG00000135503	0.043818276	0.030377284	0.032129673	0.029703561
ENSG00000065621	0.027593924	0.029044127	0.029920573	0.027869251
ENSG00000198018	0.023468619	0.029089252	0.02622441	0.019705442
ENSG00000147416	0.022692308	0.030052762	0.030194449	0.023849152
ENSG00000204694	0.016989642	0.025119984	0.024172332	0.015576275

ENSG00000198553	0.01719695	0.026402231	0.026549765	0.018998043
ENSG00000124006	0.017861128	0.026770764	0.025114252	0.017821756
ENSG00000136688	0.01864131	0.027082578	0.025555573	0.01785663
ENSG00000155275	0.018691296	0.026751962	0.026130762	0.018312222
ENSG00000178093	0.02905173	0.031147554	0.032817044	0.024934685
ENSG00000198863	0.032191722	0.034180903	0.031433098	0.027072379
ENSG00000106344	0.036928733	0.037539469	0.034834518	0.03138189
ENSG00000150394	0.019603852	0.028886011	0.028813522	0.018984291
ENSG00000221823	0.025377646	0.036347656	0.031510929	0.022123972
ENSG00000120563	0.017241924	0.025172194	0.025904348	0.015870485
ENSG00000136854	0.019745049	0.026139935	0.026266	0.018068165
ENSG00000151611	0.051501404	0.039716024	0.039224441	0.039430342
ENSG00000180628	0.041756202	0.042048346	0.038250077	0.037147671
ENSG00000033178	0.029567994	0.035836519	0.032316403	0.029318445
ENSG00000007341	0.037986733	0.051324433	0.037359809	0.032635547
ENSG00000188021	0.026020008	0.029157404	0.028181609	0.027378993
ENSG00000197372	0.040713685	0.038697346	0.038021911	0.052179417
ENSG00000168875	0.016046483	0.024588987	0.024431686	0.014906173
ENSG00000163249	0.037189868	0.035763068	0.037350819	0.032238618
ENSG00000132423	0.033995275	0.036012399	0.032753019	0.03669373
ENSG00000170881	0.01904756	0.025243442	0.026209652	0.016037713
ENSG00000184445	0.044423174	0.041805865	0.034591216	0.031597694
ENSG00000172738	0.026758979	0.029507841	0.029972433	0.023404915
ENSG00000151067	0.014798318	0.024250198	0.02436598	0.015718799
ENSG00000143147	0.015261285	0.025203687	0.025068916	0.01553793
ENSG00000086544	0.021449886	0.027584727	0.026827001	0.017360113
ENSG00000153044	0.041699831	0.039716373	0.0339409	0.034208561
ENSG00000143171	0.016226804	0.02494992	0.024794081	0.015263893
ENSG00000160999	0.053143215	0.054517478	0.059323644	0.064540536
ENSG00000189334	0.023339597	0.02801095	0.027683361	0.018112361
ENSG00000166206	0.019688778	0.026305046	0.025801381	0.019092666
ENSG00000085365	0.024985154	0.030687977	0.029419756	0.023567046
ENSG00000214253	0.030921328	0.028732045	0.028825232	0.026597594
ENSG00000131795	0.025501817	0.027494487	0.027993574	0.021404788
ENSG00000091127	0.045417498	0.043747462	0.032391343	0.031111234
ENSG00000180549	0.133125261	0.107764608	0.085145797	0.108275436
ENSG00000124249	0.015289485	0.025366833	0.024322172	0.016031483
ENSG00000139514	0.019094696	0.027035278	0.025925011	0.018138513
ENSG00000198105	0.044389876	0.046768284	0.042249227	0.037779531
ENSG00000123575	0.041360969	0.045310729	0.035535948	0.029487095
ENSG00000164151	0.028264823	0.034415614	0.035451391	0.026045098
ENSG00000111554	0.019759479	0.027131646	0.026634502	0.016261665
ENSG00000206344	0.039786646	0.041471237	0.0354039	0.04250027
ENSG00000150873	0.01541416	0.025643686	0.025094577	0.015517117
ENSG00000137166	0.044219654	0.0412778	0.037838154	0.039570666
ENSG00000163833	0.018120184	0.027298395	0.026121847	0.018147387
ENSG00000147687	0.021133275	0.028326634	0.029781574	0.023496243
ENSG00000163617	0.021447671	0.027566644	0.027467235	0.018788486
ENSG00000136378	0.016961001	0.025886973	0.024164437	0.015140979
ENSG00000121900	0.032952286	0.031418693	0.026823205	0.023179257
ENSG00000189162	0.016457113	0.024620209	0.024862068	0.015899569
ENSG00000243414	0.017583074	0.026021319	0.027465508	0.01701507
ENSG00000004866	0.051788979	0.042020513	0.045349147	0.056586181
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ENSG00000158874	0.015678436	0.025265899	0.024928963	0.015742701
ENSG00000133794	0.047063781	0.041880281	0.035213164	0.032315024
ENSG00000169599	0.029875231	0.032231975	0.028530529	0.021873621
ENSG00000169604	0.015024173	0.024734765	0.025304292	0.01483973
ENSG00000204970	0.016526476	0.025762555	0.026224512	0.016776598
ENSG00000179526	0.024909392	0.030529704	0.030288688	0.023839708
ENSG00000102804	0.016775308	0.025890673	0.025817625	0.017211633
ENSG00000134851	0.031219281	0.03559881	0.031918621	0.031567656
ENSG00000150551	0.015507854	0.024503455	0.024607949	0.015549232
ENSG00000173077	0.016955361	0.024657693	0.025170412	0.017608812
ENSG00000112232	0.016407439	0.02450947	0.025070871	0.015588371
ENSG00000177414	0.016987566	0.024965951	0.0255273	0.016111948
ENSG00000204740	0.01584718	0.025095788	0.025561985	0.014711671
ENSG00000196428	0.032436482	0.042738078	0.039945441	0.034047758
ENSG00000198841	0.028326491	0.035234285	0.041721798	0.028703468
ENSG00000165685	0.043168161	0.028864774	0.026384771	0.031639846
ENSG00000083067	0.01502851	0.02466362	0.026047713	0.015134958
ENSG00000163808	0.046301658	0.042767455	0.035083877	0.035650285
ENSG00000183019	0.01607004	0.025152566	0.024556319	0.014736132
ENSG00000163728	0.036746735	0.040342766	0.038181772	0.032543467
ENSG00000104522	0.031623492	0.032855213	0.032870282	0.034483651
ENSG00000130653	0.042585178	0.039065289	0.038643054	0.048306208
ENSG00000184258	0.017463345	0.025847481	0.025483056	0.016090733
ENSG00000173933	0.025542388	0.032369431	0.033705285	0.028261635
ENSG00000165120	0.014706524	0.024908722	0.025423481	0.014624714
ENSG00000135605	0.033880593	0.034996298	0.035699448	0.032185447
ENSG00000130167	0.018036709	0.027138379	0.024621339	0.017971469
ENSG00000163348	0.022768924	0.029787466	0.028646915	0.026061757
ENSG00000174255	0.014905314	0.02668052	0.024751397	0.015585696
ENSG00000143502	0.025813668	0.026525564	0.024652827	0.014635193
ENSG00000114735	0.032889897	0.037691926	0.03329125	0.03908989
ENSG00000128739	0.040074087	0.028631411	0.030639374	0.024913128
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ENSG00000115364	0.031458527	0.036979174	0.032430212	0.027925709
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ENSG00000137941	0.041891075	0.025971669	0.025545295	0.022495739
ENSG00000150656	0.017100379	0.025971137	0.024714734	0.016368997
ENSG00000183185	0.016291196	0.024635379	0.024678803	0.015369804
ENSG00000100034	0.033869869	0.035860113	0.042957632	0.030134773
ENSG00000158122	0.021295836	0.027596064	0.025115332	0.019253303
ENSG00000104998	0.052417553	0.040127062	0.044248714	0.04139685
ENSG00000087076	0.049029003	0.054094418	0.04427568	0.05199784
ENSG00000196182	0.029796212	0.032235568	0.046875785	0.02950362
ENSG00000183207	0.03047993	0.031007231	0.029269032	0.026484419
ENSG00000198276	0.029616691	0.03167786	0.0317362	0.024736316
ENSG00000164050	0.032581703	0.032439479	0.030295934	0.030707378
ENSG00000163288	0.015801289	0.024836645	0.024751396	0.014916199
ENSG00000001631	0.016646514	0.025582097	0.025613968	0.015891987
ENSG00000136940	0.015355266	0.024830588	0.024412852	0.016101834
ENSG00000136802	0.027313653	0.031173367	0.035794145	0.035959127
ENSG00000120907	0.015691944	0.025652931	0.024201542	0.015660378
ENSG00000131746	0.016940814	0.024812109	0.024889648	0.016835755
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ENSG00000111727	0.028435632	0.035213774	0.03072885	0.028449116

ENSG00000184451	0.029662105	0.029462478	0.028332368	0.023834466
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ENSG00000196646	0.035109759	0.03459968	0.037853394	0.029583902
ENSG00000100368	0.023140566	0.030089531	0.027931563	0.02208072
ENSG00000166342	0.032900291	0.029395067	0.032719767	0.024290858
ENSG00000062370	0.023060017	0.030564556	0.028199807	0.019500713
ENSG00000153930	0.021625214	0.027826096	0.024873439	0.016504077
ENSG00000128596	0.027405659	0.032328604	0.031912123	0.027507559
ENSG00000198812	0.017031415	0.024466097	0.024592611	0.016722856
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ENSG00000171476	0.09392748	0.074214364	0.060628738	0.082179696
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ENSG00000204305	0.02554503	0.032718789	0.03078865	0.027774558
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ENSG00000135018	0.032333103	0.037266154	0.034470524	0.03150425
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ENSG00000163462	0.016027447	0.026432556	0.024510089	0.015378108
ENSG00000169860	0.020377633	0.026229362	0.027314154	0.018686317
ENSG00000064545	0.035908351	0.032184353	0.036035033	0.024608778
ENSG00000183506	0.022485291	0.029093559	0.029976062	0.031049923
ENSG00000066739	0.035402421	0.043517921	0.035904269	0.026733818
ENSG00000170322	0.018619399	0.02672486	0.028449625	0.018547305
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ENSG00000109471	0.015746541	0.024242453	0.024998275	0.015440297
ENSG00000066044	0.042637001	0.040316733	0.041523404	0.038513724
ENSG00000087495	0.039556738	0.025908989	0.027088994	0.028276952
ENSG00000159128	0.028601432	0.032894972	0.029733698	0.028959874
ENSG00000132031	0.019040324	0.027433972	0.025325058	0.0222878
ENSG00000113749	0.015884126	0.024358526	0.025326927	0.015469189
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ENSG00000181789	0.024272617	0.029649037	0.035450703	0.026668672
ENSG00000108424	0.021355945	0.028154907	0.025960492	0.022929358
ENSG00000139826	0.025047608	0.038580842	0.034597674	0.026341165
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ENSG00000114251	0.067667935	0.045162908	0.037071565	0.03736683
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ENSG00000121053	0.015500087	0.025022812	0.024804667	0.015430928
ENSG00000196549	0.015662929	0.024791664	0.024397168	0.016895461
ENSG00000159692	0.021154559	0.029172684	0.025596574	0.032791275
ENSG00000143878	0.022061612	0.029375501	0.034626058	0.027967275

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ENSG00000198183	0.018288844	0.027458998	0.025622664	0.017199097
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ENSG00000198162	0.039673169	0.030001053	0.028795861	0.029551078
ENSG00000134255	0.036898506	0.037320841	0.033520397	0.028637845
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ENSG00000076351	0.015664048	0.024365752	0.024353033	0.014832286
ENSG00000185760	0.016209182	0.024472654	0.024600475	0.014332521
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ENSG00000101463	0.014635588	0.024247874	0.025468423	0.014611778
ENSG00000089177	0.018984984	0.026320239	0.02697984	0.018095603
ENSG00000130222	0.099711207	0.071198757	0.07782125	0.072577742
ENSG00000063127	0.026644626	0.032310116	0.029051817	0.026142667
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ENSG00000168754	0.014430386	0.024716477	0.024377491	0.015181736
ENSG00000115705	0.018279452	0.024863383	0.024446053	0.016324521
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ENSG00000162814	0.017480172	0.025022935	0.024528449	0.015108703
ENSG00000171551	0.017840496	0.025252808	0.02439715	0.015129396
ENSG00000067177	0.023482417	0.044182336	0.038671501	0.035599315
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ENSG00000180083	0.016131857	0.026104414	0.024622192	0.014815567
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ENSG00000168661	0.052190231	0.0438243	0.043778826	0.034606749
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ENSG00000125122	0.020085718	0.027287234	0.025191087	0.019944634
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ENSG00000213672	0.064841525	0.052498278	0.042688466	0.046509948
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ENSG00000169607	0.051116932	0.04004399	0.039834326	0.038343192
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ENSG00000159263	0.018327927	0.027240187	0.024968779	0.016781021
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ENSG00000171873	0.014730927	0.025179353	0.024995221	0.014291679
ENSG00000120742	0.028915256	0.034874261	0.034409668	0.029583514
ENSG00000160007	0.038348531	0.04339877	0.035220807	0.035165661
ENSG00000169398	0.130317302	0.09011789	0.087303612	0.109845643
ENSG00000108176	0.06201443	0.048693444	0.035951994	0.032252218
ENSG00000026751	0.027531022	0.032902892	0.033548003	0.025595796
ENSG00000059804	0.050015946	0.04965571	0.071959386	0.063436383
ENSG00000185658	0.034902468	0.051261296	0.050021444	0.03496537
ENSG00000221819	0.016337437	0.024863795	0.024421675	0.014635942
ENSG00000164654	0.031275801	0.031647924	0.03043221	0.024998099
ENSG00000117155	0.020539796	0.02757368	0.026429404	0.016199002
ENSG00000181704	0.029121669	0.034331195	0.032497306	0.022686835
ENSG00000115525	0.074112548	0.071092828	0.048653972	0.056132967
ENSG00000189079	0.033082101	0.032815848	0.03210668	0.024965468

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ENSG00000060688	0.025863966	0.030393417	0.032971467	0.026205059
ENSG00000172653	0.01637212	0.024315407	0.024793798	0.015073187
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ENSG00000003096	0.019098719	0.025576573	0.025876672	0.022229595
ENSG00000106624	0.079027575	0.066459221	0.05964046	0.059850274
ENSG00000178974	0.026638612	0.037030629	0.033838821	0.019622261
ENSG00000169474	0.015295454	0.024498808	0.024407685	0.015527992
ENSG00000088280	0.019510396	0.024954055	0.024407391	0.014317835
ENSG00000094916	0.033518313	0.035137243	0.033867987	0.030044063
ENSG00000177465	0.071077528	0.056088253	0.040666438	0.044053954
ENSG00000156017	0.016198065	0.02446275	0.025221498	0.014765774
ENSG00000136826	0.064235316	0.038975706	0.031425605	0.03708229
ENSG00000126838	0.016553311	0.025604315	0.024518261	0.014624862
ENSG00000082213	0.033840092	0.041246373	0.041195918	0.037529552
ENSG00000158806	0.045555207	0.039780568	0.042040557	0.042220531
ENSG00000164211	0.036100473	0.037282957	0.038187752	0.037035143
ENSG00000165025	0.059553944	0.049428212	0.046018974	0.042900956
ENSG00000221995	0.03652178	0.033747153	0.032768889	0.034369077
ENSG00000124120	0.039172129	0.038544073	0.034842373	0.040011243
ENSG00000120457	0.01462346	0.025136728	0.024864333	0.014370925
ENSG00000165533	0.036173687	0.039555892	0.035778106	0.05235629
ENSG00000173276	0.01834317	0.028705026	0.02658787	0.015187706
ENSG00000162592	0.01720805	0.02528591	0.025183545	0.018286553
ENSG00000179873	0.082065145	0.033630224	0.050621824	0.049860597
ENSG00000165507	0.097540477	0.09898511	0.097091527	0.092466993
ENSG00000173267	0.018831506	0.024277408	0.024109391	0.014264391
ENSG00000204390	0.032385553	0.030357014	0.030263826	0.024918735
ENSG00000115718	0.015638588	0.02485108	0.024472157	0.01548491
ENSG00000119541	0.025440784	0.030957564	0.0313818	0.027241532
ENSG00000143198	0.037239329	0.038049062	0.039593384	0.03062077
ENSG00000109944	0.019177271	0.026673265	0.025722772	0.018263365
ENSG00000162989	0.016467682	0.025484508	0.024713905	0.015727605
ENSG00000213023	0.016557806	0.024937921	0.026794447	0.015398157
ENSG00000204472	0.016365043	0.02518547	0.024787598	0.016170085
ENSG00000197713	0.045317979	0.048193547	0.039576117	0.030553616
ENSG00000143842	0.036287294	0.026492506	0.02607799	0.018858136
ENSG00000139351	0.01898251	0.02788297	0.028447118	0.014503626
ENSG00000183763	0.039653672	0.031248358	0.033918243	0.031918156
ENSG00000109606	0.028510496	0.035211358	0.028317399	0.029618352
ENSG00000175324	0.022620437	0.030851437	0.032955097	0.022967601
ENSG00000007402	0.017532233	0.024702648	0.02460512	0.015324679
ENSG00000173273	0.023120136	0.029986282	0.028514621	0.019788104
ENSG00000172613	0.033572588	0.031103635	0.031599706	0.024114693
ENSG00000103512	0.025472635	0.030319948	0.03147734	0.02692767
ENSG00000139910	0.026239879	0.028225792	0.031881912	0.026306614
ENSG00000073464	0.025988977	0.026109667	0.025181384	0.019925429
ENSG00000165916	0.027569352	0.030285739	0.030187857	0.027700971
ENSG00000166527	0.018672709	0.025995986	0.026662629	0.025295715
ENSG00000176246	0.0187651	0.027439513	0.02648575	0.017463859
ENSG00000006125	0.026766567	0.033147348	0.032715267	0.025986158
ENSG00000109062	0.048675872	0.044228821	0.040333168	0.039768384

ENSG00000108312	0.032727565	0.03393951	0.031805883	0.030757245
ENSG00000128266	0.066313162	0.047095217	0.03093469	0.026764469
ENSG00000125445	0.0277688	0.032512025	0.031651975	0.025878204
ENSG00000120156	0.016583483	0.0247091	0.024474808	0.015768062
ENSG00000164161	0.021594226	0.028059014	0.026324598	0.019547599
ENSG00000168582	0.020463595	0.027459359	0.028538009	0.018962451
ENSG00000185621	0.014556463	0.025027492	0.024635847	0.015913486
ENSG00000103316	0.138613781	0.083985195	0.091932412	0.114254697
ENSG00000075711	0.045785677	0.049461525	0.044130412	0.046136703
ENSG00000173801	0.033148707	0.029846618	0.031753597	0.0247811
ENSG00000134243	0.018595122	0.025922859	0.028480464	0.016341806
ENSG00000178202	0.051631945	0.049433767	0.038166769	0.042825473
ENSG00000128714	0.014734096	0.025228577	0.02595694	0.015470021
ENSG00000163629	0.116521214	0.05015581	0.028495569	0.052547833
ENSG00000088881	0.016635392	0.025613567	0.02613835	0.017088524
ENSG00000067064	0.025105348	0.031010908	0.028527861	0.022052599
ENSG00000205683	0.016925828	0.025763724	0.02417146	0.01482482
ENSG00000156575	0.016934923	0.024524989	0.024581034	0.015088355
ENSG00000130656	0.015817994	0.02531148	0.025298878	0.016378913
ENSG00000025772	0.036825932	0.05216023	0.044707483	0.034843156
ENSG00000127561	0.040085288	0.040658878	0.035137208	0.034015945
ENSG00000128567	0.020141865	0.027733247	0.027299631	0.017119345
ENSG00000167612	0.026718954	0.028103006	0.027667938	0.030589624
ENSG00000221916	0.017355287	0.025917413	0.026269628	0.01803438
ENSG00000154025	0.018153833	0.026413102	0.02845549	0.017000065
ENSG00000115355	0.016417735	0.024714456	0.02504479	0.016237555
ENSG00000146576	0.030662411	0.038916936	0.046566388	0.032974612
ENSG00000124802	0.030913613	0.032259139	0.032310658	0.034828815
ENSG00000196331	0.017639977	0.026099238	0.026330466	0.015136164
ENSG00000163219	0.097115474	0.089849251	0.080481474	0.086171752
ENSG00000205629	0.024695946	0.03313662	0.030995249	0.020657859
ENSG00000161896	0.015958247	0.026214915	0.026009323	0.016706622
ENSG00000100191	0.017160214	0.024378739	0.024490049	0.016521518
ENSG00000092621	0.091324349	0.053261826	0.044355667	0.059217501
ENSG00000117399	0.042033993	0.038878427	0.035778217	0.037770832
ENSG00000117305	0.036951927	0.034732467	0.035510011	0.033426661
ENSG00000139174	0.04327855	0.044256888	0.049122159	0.045857556
ENSG00000108854	0.037584403	0.036372104	0.040558521	0.026584987
ENSG00000137210	0.026030311	0.028737279	0.027851442	0.028898399
ENSG00000239305	0.0389452	0.043072488	0.047786536	0.038212413
ENSG00000112208	0.033193061	0.033781576	0.032578345	0.029440065
ENSG00000181163	0.017675986	0.02592497	0.024900945	0.015636043
ENSG00000160469	0.018077503	0.027074774	0.027251472	0.015411075
ENSG00000119698	0.074712223	0.040841884	0.035252233	0.102793874
ENSG00000126759	0.048237592	0.057791802	0.046541558	0.05763986
ENSG00000197937	0.026307045	0.032671269	0.027687094	0.025825674
ENSG00000048649	0.022213129	0.029800774	0.0315326	0.02003033
ENSG00000122490	0.028500549	0.032769604	0.031326179	0.02175351
ENSG00000064313	0.027729369	0.035347321	0.031819261	0.024762081
ENSG00000089250	0.016541134	0.025296365	0.024165564	0.014831681
ENSG00000089723	0.018690406	0.026874399	0.027689634	0.01928935
ENSG00000116691	0.066260577	0.045335472	0.047319936	0.048287034
ENSG00000116882	0.01498325	0.026148847	0.025218647	0.015225552
ENSG00000145348	0.067432558	0.062871969	0.047113427	0.044675118

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ENSG00000217555	0.085161078	0.083464348	0.091985536	0.089997759
ENSG00000143786	0.05525231	0.036854752	0.031316032	0.034714212
ENSG0000022277	0.019742048	0.028106367	0.027871487	0.018274563
ENSG00000113269	0.068653607	0.077142418	0.054021336	0.067947446
ENSG00000183785	0.015697525	0.02517463	0.024859258	0.015608266
ENSG00000225932	0.048714375	0.048184359	0.043937762	0.050621344
ENSG00000165832	0.030753974	0.042406061	0.032173077	0.029616332
ENSG00000099937	0.031810177	0.059704173	0.045514206	0.039981901
ENSG00000055044	0.025383953	0.029446071	0.033750525	0.029500317
ENSG00000125249	0.03500425	0.038364143	0.033229089	0.029812844
ENSG00000028116	0.03553591	0.042310475	0.033301942	0.029335669
ENSG00000103043	0.025409116	0.031365942	0.033358809	0.033388101
ENSG00000114861	0.106246383	0.103078869	0.086380887	0.104627391
ENSG00000103024	0.033418689	0.032078452	0.032846323	0.034808495
ENSG00000114316	0.025144403	0.032315705	0.029994988	0.024490118
ENSG00000115459	0.022606372	0.031587501	0.027850379	0.041571332
ENSG00000073050	0.031093751	0.033789271	0.028741673	0.023646306
ENSG00000064666	0.048404059	0.050468297	0.060510623	0.050666604
ENSG00000213853	0.033028093	0.035878906	0.029471392	0.02973352
ENSG00000186226	0.040843016	0.03385098	0.028933738	0.027384659
ENSG00000185324	0.020302891	0.027818922	0.026591813	0.019003755
ENSG00000129173	0.057712124	0.036648712	0.035898048	0.03687085
ENSG00000139737	0.055541136	0.054032767	0.045947562	0.044793941
ENSG00000179094	0.034398676	0.048503143	0.049723332	0.052849199
ENSG00000056558	0.03737994	0.029316092	0.032135193	0.031319765
ENSG00000119514	0.030507613	0.043472474	0.03510636	0.030114267
ENSG00000159208	0.031093847	0.032347825	0.029856699	0.028051718
ENSG00000204003	0.017897473	0.026963272	0.02527559	0.01670561
ENSG00000070915	0.022503023	0.026174535	0.027649508	0.025529001
ENSG00000109163	0.016535412	0.024710807	0.02663227	0.014626322
ENSG00000100888	0.02468467	0.03330271	0.030513019	0.021707914
ENSG00000114115	0.044927253	0.054238054	0.042998748	0.052580595
ENSG00000144559	0.042514744	0.039392792	0.035278814	0.026650066
ENSG00000197858	0.037548997	0.035726615	0.036746768	0.036307335
ENSG00000179168	0.016789656	0.025578133	0.026227162	0.016336109
ENSG00000119720	0.019096949	0.026675255	0.027162218	0.019659666
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ENSG00000188992	0.018551758	0.02643893	0.025916839	0.016914516
ENSG00000197170	0.039467063	0.044959966	0.037057183	0.033889662
ENSG00000149311	0.015179837	0.025258341	0.025128805	0.014827408
ENSG00000174808	0.015766796	0.02627156	0.024791145	0.018036064
ENSG00000087095	0.027939875	0.04010816	0.03775955	0.029631927
ENSG00000126453	0.029832793	0.030162872	0.028111564	0.024480491
ENSG00000152409	0.04651155	0.057438923	0.05491614	0.050351405
ENSG00000185129	0.024710648	0.031005954	0.029141133	0.024578995
ENSG00000149639	0.021073317	0.027547875	0.026352199	0.020926008
ENSG00000137955	0.029594519	0.030226075	0.02727326	0.021253777
ENSG00000142149	0.016724206	0.025469258	0.02649469	0.015810072
ENSG00000157017	0.03700909	0.032004278	0.031759819	0.029555568
ENSG00000168612	0.016305107	0.026941745	0.02685601	0.016266171
ENSG00000033800	0.022001049	0.028884505	0.030732866	0.022673893
ENSG00000230463	0.227990217	0.245892985	0.24195951	0.143518506
ENSG00000077549	0.022713961	0.030230126	0.028489414	0.023114371

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ENSG00000161249	0.103718138	0.090916479	0.074412097	0.086277186
ENSG00000102543	0.017901472	0.026315074	0.026169986	0.017093754
ENSG00000128463	0.025833504	0.030865027	0.030100934	0.020979186
ENSG00000180660	0.022630508	0.026089852	0.02713868	0.020509134
ENSG00000108342	0.017470193	0.027829192	0.027492241	0.01905982
ENSG00000104043	0.053919449	0.034756658	0.032567026	0.027516674
ENSG00000182534	0.068595167	0.089366884	0.086905797	0.108203663
ENSG00000171368	0.018572096	0.02690532	0.025290473	0.016429181
ENSG00000142856	0.030141559	0.034436504	0.029765958	0.024298146
ENSG00000164112	0.015907581	0.025562043	0.025222651	0.016219053
ENSG00000213638	0.037188628	0.037878464	0.043932175	0.035272331
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ENSG00000149050	0.024902894	0.028898179	0.027069017	0.019271314
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ENSG00000180424	0.018061816	0.025359211	0.024894443	0.017111995
ENSG00000240654	0.014462409	0.024904713	0.024184868	0.014988073
ENSG00000050555	0.017490876	0.025939233	0.02563221	0.016070832
ENSG00000174989	0.014870765	0.025473662	0.024302791	0.014428205
ENSG00000186510	0.04990005	0.05113753	0.048637386	0.046661658
ENSG00000136878	0.023729087	0.031592311	0.033223593	0.026389997
ENSG00000152492	0.017849089	0.026680522	0.02630307	0.020629904
ENSG00000184640	0.03112829	0.031797681	0.03139953	0.025850551
ENSG00000187026	0.018886048	0.0265769	0.026106074	0.017979714
ENSG00000146833	0.037145169	0.04041359	0.041500173	0.028787248
ENSG00000188153	0.053974501	0.026062813	0.025288543	0.021258635
ENSG00000039123	0.027569338	0.032862914	0.029320684	0.020866869
ENSG00000087111	0.02722953	0.032948491	0.031204587	0.026785909
ENSG00000130826	0.029312063	0.032711918	0.033418274	0.027992177
ENSG00000169683	0.059517616	0.0530124	0.045673914	0.03831195
ENSG00000172817	0.117900205	0.079424422	0.078807507	0.105571111
ENSG00000180423	0.020208949	0.025878621	0.027314601	0.019804909
ENSG00000188959	0.01358332	0.024670207	0.024039882	0.013267592
ENSG00000164062	0.033003827	0.033923686	0.030450846	0.026142724
ENSG00000165264	0.030363274	0.030911101	0.028266177	0.026755424
ENSG00000163154	0.05222055	0.056734511	0.044985	0.045180991
ENSG00000159337	0.015099091	0.024787162	0.025327711	0.014976927
ENSG00000086619	0.035231646	0.035251442	0.039723573	0.03476654
ENSG00000008196	0.045915249	0.025035296	0.025508793	0.02805607
ENSG00000047056	0.022853063	0.029119731	0.028501941	0.020640551
ENSG00000239998	0.046160043	0.047479047	0.051804501	0.064693431
ENSG00000141337	0.02388426	0.027908055	0.029783624	0.020467211
ENSG00000050730	0.049084851	0.041558316	0.035625736	0.050105468
ENSG00000249760	0.041111258	0.030683079	0.035226771	0.027251037
ENSG00000213918	0.023362578	0.034504078	0.029742975	0.023964726
ENSG00000196684	0.033942199	0.033148267	0.04396656	0.035122842
ENSG00000183103	0.01707995	0.025278367	0.026107162	0.015264867
ENSG00000003509	0.039271338	0.045249874	0.035841893	0.031247059
ENSG00000115271	0.034018349	0.034891018	0.02977684	0.02745647
ENSG00000181544	0.0366865	0.045006081	0.030461324	0.027166879
ENSG00000160410	0.027917762	0.032016286	0.035347034	0.029856272
ENSG00000241690	0.01595131	0.02476713	0.025057084	0.014920671
ENSG00000136811	0.025394986	0.029644983	0.028091678	0.018977676
ENSG00000177600	0.016941177	0.02542295	0.026016969	0.017124491

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ENSG00000124701	0.018973023	0.0271673	0.028649347	0.015973957
ENSG00000197153	0.062813842	0.046367586	0.063325329	0.066025973
ENSG00000125503	0.033879361	0.039969638	0.031773566	0.031824437
ENSG00000100764	0.022018797	0.02775502	0.027681978	0.020016226
ENSG00000107290	0.026745069	0.030393315	0.034422431	0.035604586
ENSG00000130227	0.033245755	0.042757111	0.033585981	0.025916254
ENSG00000062038	0.015980601	0.024529059	0.024358217	0.016319693
ENSG00000101843	0.026669763	0.032913375	0.029309161	0.020435
ENSG00000088826	0.015625099	0.025508242	0.025263476	0.015346569
ENSG00000151917	0.034587074	0.029148471	0.029282351	0.025668437
ENSG00000132639	0.01622415	0.025765284	0.025894585	0.021124354
ENSG00000063587	0.032406851	0.032806958	0.03446908	0.032645459
ENSG00000133138	0.021045099	0.02795177	0.028355728	0.019826858
ENSG00000186526	0.015174265	0.024819827	0.024972204	0.015896457
ENSG00000182585	0.0158317	0.025233169	0.02486135	0.016381266
ENSG00000145721	0.016873627	0.026577154	0.02556085	0.016685113
ENSG00000074054	0.027043583	0.035108538	0.033457262	0.024167177
ENSG00000069011	0.018805841	0.026961101	0.027009669	0.018088779
ENSG00000172538	0.01823585	0.025431418	0.027708213	0.016383881
ENSG00000012504	0.022277439	0.029353746	0.025331999	0.020385111
ENSG00000135750	0.103878712	0.1104387	0.083605864	0.094562235
ENSG00000167394	0.024206482	0.029601213	0.034889495	0.026486986
ENSG00000240891	0.017529625	0.025517404	0.025145669	0.016369226
ENSG00000113845	0.032589147	0.036847607	0.029646238	0.024666443
ENSG00000120328	0.014972711	0.024846976	0.025349017	0.015257656
ENSG00000169087	0.040331382	0.041780441	0.038494157	0.037742848
ENSG00000204006	0.01611981	0.025511849	0.025727836	0.014787612
ENSG00000176845	0.046114235	0.057573052	0.047741358	0.039014744
ENSG00000143507	0.051494914	0.043395945	0.049129771	0.044156107
ENSG00000124562	0.025493463	0.026696951	0.027708217	0.023291951
ENSG00000120669	0.017281484	0.025838351	0.026023285	0.016568305
ENSG00000136542	0.033432951	0.025480471	0.025395354	0.015678204
ENSG00000122786	0.029283941	0.025567417	0.026224211	0.018625003
ENSG00000223609	0.085935894	0.033199073	0.042799869	0.083043489
ENSG00000156009	0.023890928	0.024394397	0.025545271	0.016007832
ENSG00000166405	0.030182286	0.030912882	0.027329053	0.023643346
ENSG00000131437	0.046315985	0.041044963	0.043320929	0.03966687
ENSG00000177370	0.05269897	0.052399014	0.057888441	0.054099979
ENSG00000122390	0.018186339	0.028579792	0.03185809	0.025033509
ENSG00000070495	0.016843569	0.025478967	0.025162102	0.01598017
ENSG00000158710	0.025969898	0.029777191	0.031415356	0.032058968
ENSG00000103005	0.035706924	0.04136199	0.033775049	0.034093723
ENSG00000184408	0.074876262	0.062663521	0.047459687	0.065238911
ENSG00000058673	0.020934865	0.028940313	0.030259411	0.018406434
ENSG00000091128	0.01719517	0.027652472	0.026702296	0.017423585
ENSG00000167232	0.019384111	0.026351775	0.02806328	0.017139584
ENSG00000251380	0.016088486	0.025440098	0.025577058	0.015858176
ENSG00000101126	0.026887175	0.03179545	0.029097994	0.022012707
ENSG00000114650	0.026020642	0.036247715	0.032505642	0.02484927
ENSG00000085741	0.053122879	0.049118564	0.043227272	0.050456182
ENSG00000077080	0.017560749	0.025495536	0.025294511	0.018882761
ENSG00000152932	0.058455844	0.041433895	0.051119721	0.060204541

ENSG00000109971	0.027304622	0.03296588	0.033943442	0.024281984
ENSG00000064490	0.022786097	0.028875126	0.028385754	0.02243642
ENSG00000171872	0.014524868	0.026069684	0.025131616	0.015094534
ENSG00000144119	0.018009734	0.026567762	0.026697606	0.016175371
ENSG00000165566	0.032842388	0.027576174	0.025712959	0.019791663
ENSG00000143032	0.017782824	0.025170633	0.025115091	0.016166701
ENSG00000129566	0.030826934	0.031511708	0.03395909	0.028113429
ENSG00000205359	0.015979051	0.025444067	0.024709427	0.016054412
ENSG00000046647	0.040626095	0.036191515	0.031275215	0.035787514
ENSG00000188770	0.014061745	0.024438328	0.025786839	0.015277622
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ENSG00000182851	0.015348698	0.024953924	0.025293415	0.01471782
ENSG00000164077	0.034481575	0.034472595	0.034498511	0.033621622
ENSG00000175513	0.015399746	0.025274855	0.025659641	0.015281766
ENSG00000169495	0.015508462	0.025471148	0.026598314	0.014016519
ENSG00000120235	0.014846828	0.024723102	0.024898027	0.014950554
ENSG00000169906	0.018315305	0.025723194	0.024943803	0.017044787
ENSG00000101842	0.028528561	0.030807638	0.029262581	0.032815459
ENSG00000196664	0.049362312	0.050537991	0.049266214	0.047248789
ENSG00000166959	0.020791503	0.026664502	0.025402783	0.020140987
ENSG00000184709	0.097674489	0.083079347	0.073743059	0.086865571
ENSG00000135148	0.0292402	0.037315544	0.03786352	0.03803886
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ENSG00000121067	0.022913987	0.031712014	0.030083749	0.025090106
ENSG00000115425	0.035219444	0.037601125	0.032519104	0.029534341
ENSG00000221957	0.016569989	0.024961194	0.024814797	0.015558753
ENSG00000197978	0.056894551	0.047535104	0.045679028	0.070723592
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ENSG00000148334	0.032651907	0.034927982	0.031756888	0.030567196
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ENSG00000123636	0.043260855	0.051711296	0.046125379	0.045525462
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ENSG00000213533	0.023345146	0.030915713	0.027091295	0.021291235
ENSG00000182149	0.024910002	0.031398666	0.033696674	0.021090028
ENSG00000049540	0.016263588	0.024850708	0.024731735	0.016034797
ENSG00000107798	0.031376809	0.033397745	0.029457726	0.03803298
ENSG00000197279	0.054664359	0.080651911	0.078423615	0.053834629
ENSG00000080815	0.015967945	0.024409557	0.024757598	0.014925137
ENSG00000196712	0.018508103	0.026394069	0.026689473	0.018596365
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ENSG00000137877	0.015072975	0.025296307	0.02494654	0.015123526
ENSG00000135269	0.033416483	0.039216388	0.033797665	0.029767365
ENSG00000186919	0.01604428	0.024288317	0.024317277	0.015623423
ENSG00000226288	0.015292381	0.025544104	0.024824415	0.014887236
ENSG00000165338	0.031102231	0.03399872	0.028059582	0.023267505
ENSG00000196419	0.021704356	0.027375938	0.027922529	0.01826701
ENSG00000125505	0.025178489	0.029711491	0.033367638	0.031541024
ENSG00000109424	0.016808051	0.026081355	0.026096817	0.015539434
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ENSG00000144711	0.038120108	0.038178392	0.034607104	0.033228772
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ENSG00000115207	0.021034428	0.028279852	0.029362084	0.022731891

ENSG00000171243	0.017529231	0.026981429	0.026422817	0.018752687
ENSG00000138271	0.019268008	0.025328926	0.024447549	0.019158661
ENSG00000120088	0.01702678	0.025236703	0.025287343	0.015613502
ENSG00000169217	0.030160161	0.03292443	0.036636192	0.02643696
ENSG00000143379	0.020560658	0.030610701	0.027280833	0.022413137
ENSG00000134419	0.026147479	0.028229032	0.027799612	0.026528554
ENSG00000115694	0.035660937	0.041214341	0.040954622	0.024755124
ENSG00000196132	0.018971644	0.027566911	0.027572945	0.020619877
ENSG00000148925	0.026802843	0.035817985	0.031394102	0.023617166
ENSG00000007202	0.033199289	0.032667058	0.029933114	0.030253756
ENSG00000113384	0.02450509	0.035258379	0.034639395	0.021768012
ENSG00000125870	0.025792614	0.030995313	0.028213919	0.026270287
ENSG00000197429	0.034821591	0.038149003	0.038454638	0.024135798
ENSG00000136261	0.078272903	0.078887097	0.067473353	0.076369357
ENSG00000179922	0.026300899	0.033004631	0.031910436	0.025835069
ENSG00000143970	0.028121307	0.035614486	0.029535472	0.029804829
ENSG00000141101	0.024558377	0.029830874	0.032611952	0.023160701
ENSG00000176641	0.017957602	0.026411074	0.027595424	0.016186823
ENSG00000134571	0.015654395	0.025330621	0.026191695	0.015492762
ENSG00000169727	0.02843617	0.031296837	0.030117687	0.025095912
ENSG00000123143	0.023491125	0.031047744	0.031958307	0.031348566
ENSG00000184232	0.045247691	0.057099998	0.068181459	0.073110911
ENSG00000066056	0.022424777	0.0256813	0.025393438	0.026584224
ENSG00000163554	0.016743302	0.026497853	0.0259451	0.015933707
ENSG00000204438	0.027145911	0.029966432	0.029463452	0.022433603
ENSG00000142892	0.036310674	0.039974402	0.032630964	0.028811726
ENSG00000111224	0.027533722	0.037644784	0.035218194	0.021450453
ENSG00000135929	0.082199206	0.059441825	0.042037808	0.075686808
ENSG00000164403	0.022519257	0.031827067	0.028735519	0.02182502
ENSG00000203859	0.015316703	0.024351424	0.024248131	0.014910716
ENSG00000170396	0.039056997	0.033750256	0.029574642	0.024605584
ENSG00000184613	0.016428327	0.026492143	0.025635274	0.016264191
ENSG00000171360	0.014498046	0.025826385	0.025167482	0.01593599
ENSG00000146755	0.015708676	0.025346374	0.02397241	0.014722461
ENSG00000105426	0.019421216	0.02640431	0.026354309	0.015894844
ENSG00000174238	0.038121171	0.033782378	0.033168957	0.033857155
ENSG00000181631	0.019155794	0.024907026	0.025946342	0.015428602
ENSG00000138593	0.030980141	0.033957921	0.036574747	0.027754516
ENSG00000139163	0.036766158	0.043622666	0.036651555	0.029516202
ENSG00000204711	0.015296058	0.02427431	0.025025556	0.014998111
ENSG00000138138	0.028444648	0.03467128	0.033083835	0.033437076
ENSG00000169379	0.017359113	0.026936872	0.02493451	0.01528066
ENSG00000143632	0.015956694	0.026823324	0.026582737	0.01724348
ENSG00000242265	0.07439448	0.068637519	0.060130774	0.067418472
ENSG00000105401	0.024155055	0.028487331	0.030520338	0.022881529
ENSG00000139292	0.016842804	0.025400787	0.025906499	0.017001958
ENSG00000135521	0.033001975	0.039105507	0.042049604	0.038501739
ENSG00000112936	0.015493444	0.025022096	0.024238056	0.015530967
ENSG00000120992	0.032873903	0.045309129	0.038906743	0.032343844
ENSG00000122728	0.035040416	0.042695427	0.038737405	0.035070084
ENSG00000037241	0.024550564	0.029065723	0.026605547	0.02439379
ENSG00000182782	0.018300914	0.025511009	0.025850783	0.016341786
ENSG00000168298	0.050521798	0.034163713	0.037624451	0.045264404
ENSG00000198570	0.017275338	0.025454396	0.028094137	0.016935186

ENSG00000101445	0.031796932	0.035045851	0.033977359	0.026383137
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ENSG00000106852	0.015963177	0.024260703	0.024529276	0.013985368
ENSG00000253767	0.017125178	0.025173991	0.024402287	0.015162843
ENSG00000149564	0.084313037	0.066364998	0.051538323	0.057369559
ENSG00000185972	0.015837974	0.025419984	0.02504116	0.015494691
ENSG00000131482	0.015533067	0.024735463	0.025647075	0.015455733
ENSG00000108423	0.031518708	0.036906851	0.030929081	0.029957905
ENSG00000114648	0.017094394	0.025561647	0.025589031	0.016222383
ENSG00000079950	0.038092065	0.041028892	0.034701894	0.03613024
ENSG00000105219	0.015278299	0.025537599	0.024518523	0.016007131
ENSG00000120162	0.082303272	0.059983534	0.051053657	0.064755751
ENSG00000083782	0.014758318	0.024399746	0.024882475	0.015053482
ENSG00000071994	0.033568483	0.036089924	0.041745804	0.036212882
ENSG00000124491	0.144034104	0.116946196	0.120419281	0.137389944
ENSG00000163513	0.016304888	0.025814781	0.02608555	0.016213072
ENSG00000168734	0.0711144	0.072864187	0.054697434	0.068329358
ENSG00000110917	0.034741423	0.035370019	0.030222482	0.024569156
ENSG00000090382	0.016833033	0.025690361	0.025451857	0.015586176
ENSG00000115365	0.035144571	0.037442958	0.032971785	0.028911631
ENSG00000198948	0.013842977	0.023658472	0.023673363	0.013052373
ENSG00000146376	0.060294666	0.047108178	0.037135618	0.039692136
ENSG00000114767	0.034804942	0.032075733	0.037001128	0.034075872
ENSG00000164434	0.018280347	0.025049926	0.024527222	0.01507224
ENSG00000118473	0.015356492	0.02451021	0.024208859	0.016061737
ENSG00000175707	0.01977688	0.025515253	0.027750693	0.014759624
ENSG00000117013	0.016390187	0.026111745	0.024998379	0.016096039
ENSG00000221949	0.022058818	0.029407515	0.030464005	0.024065054
ENSG00000198932	0.03289385	0.032058363	0.035508379	0.031272334
ENSG00000122025	0.020022074	0.025588803	0.025543091	0.016985388
ENSG00000230666	0.018870453	0.024448939	0.025909132	0.018251394
ENSG00000105281	0.032919511	0.032849537	0.036280542	0.033127524
ENSG00000147174	0.030962826	0.044957148	0.038286904	0.039827207
ENSG00000110013	0.038895108	0.041316782	0.035118005	0.029839969
ENSG00000104833	0.021614101	0.028935096	0.02676727	0.022248002
ENSG00000166263	0.0365254	0.032250136	0.031523838	0.029657858
ENSG00000103429	0.026968172	0.032577911	0.028839239	0.020914317
ENSG00000130309	0.032706305	0.029119098	0.034993001	0.028665638
ENSG00000120915	0.068119425	0.055793556	0.046923554	0.06845532
ENSG00000068305	0.032304685	0.033083877	0.043235478	0.031608323
ENSG00000240682	0.025287565	0.033293792	0.032171509	0.019346775
ENSG00000103876	0.043849192	0.046596358	0.046898052	0.03830277
ENSG00000186001	0.027254016	0.035186906	0.028433083	0.025129047
ENSG00000179449	0.027930675	0.032186907	0.037432603	0.020971857
ENSG00000170054	0.033937864	0.028236674	0.025581291	0.026015165
ENSG00000204099	0.026012139	0.035365467	0.027557616	0.022638122
ENSG00000241878	0.024000104	0.03334109	0.034126924	0.02703881
ENSG00000176256	0.017283946	0.02442365	0.025009707	0.015640396
ENSG00000204193	0.015666491	0.024669262	0.024367473	0.014458665
ENSG00000167701	0.019378316	0.026602502	0.025568258	0.017193329
ENSG00000134259	0.017924471	0.025984865	0.026328833	0.016496934
ENSG00000167925	0.029550711	0.032372717	0.039447668	0.028220329
ENSG00000158062	0.015495454	0.025706472	0.02455301	0.01574918
ENSG00000167600	0.019005335	0.031502253	0.027358338	0.017933155

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ENSG00000140104	0.027499549	0.027861929	0.028989461	0.029503697
ENSG00000112053	0.015288036	0.025316813	0.024861946	0.014409338
ENSG00000132463	0.032721091	0.03473502	0.030821964	0.027959923
ENSG00000165923	0.034561413	0.03600557	0.029781351	0.032081178
ENSG00000178177	0.02384155	0.033212773	0.029858378	0.024090991
ENSG00000164953	0.015146628	0.024567467	0.025195683	0.014448556
ENSG00000196876	0.018117472	0.027394244	0.026266991	0.016173094
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ENSG00000204673	0.026582788	0.029245537	0.031499484	0.025164194
ENSG00000156587	0.015956413	0.025915144	0.025294462	0.014514325
ENSG00000177628	0.036967615	0.033638944	0.029639342	0.031016657
ENSG00000205209	0.016245763	0.024536151	0.02570876	0.01520485
ENSG00000127507	0.062943646	0.058060094	0.061649267	0.072718488
ENSG00000155438	0.031875101	0.036623588	0.03847574	0.03391175
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ENSG00000149609	0.016633505	0.02478318	0.024450001	0.016451929
ENSG00000090674	0.024248935	0.031124833	0.031180508	0.022225117
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ENSG00000174059	0.015579128	0.025452809	0.024679797	0.015873234
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ENSG00000169976	0.023165245	0.027037856	0.027047925	0.019295783
ENSG00000113734	0.025003475	0.033614446	0.036266961	0.024492508
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ENSG00000173141	0.026197634	0.028496006	0.031562384	0.022731121
ENSG00000082196	0.017257712	0.026045045	0.024280596	0.017557685
ENSG00000141542	0.047919425	0.048316742	0.047861828	0.04632723
ENSG00000134291	0.041167029	0.040072502	0.03350589	0.027694832
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ENSG00000176956	0.015038732	0.025143689	0.025006609	0.015266815
ENSG00000103495	0.033785907	0.051190526	0.042033486	0.037308695
ENSG00000167840	0.041929202	0.039637344	0.032736508	0.027980208
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ENSG00000116161	0.024129067	0.028742344	0.028750566	0.01866341
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ENSG00000185477	0.028148207	0.032051353	0.034160122	0.035022365
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ENSG00000164627	0.022271584	0.025810908	0.025822256	0.015956742
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ENSG00000173812	0.029011197	0.036732237	0.0354866	0.024436293
ENSG00000171757	0.074290476	0.0569148	0.050673729	0.057248669

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ENSG00000175395	0.041629743	0.04028358	0.040261229	0.034119842
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ENSG00000075234	0.03116708	0.030771489	0.034605308	0.043268164
ENSG00000138639	0.028035824	0.030122111	0.025598206	0.031701086
ENSG00000177519	0.039287553	0.026058299	0.024168199	0.028620011
ENSG00000115239	0.037141429	0.057762424	0.039818591	0.048178667
ENSG00000119922	0.058907196	0.061160924	0.049774684	0.064509839
ENSG00000067066	0.026774346	0.027687314	0.028061264	0.021106603
ENSG00000137776	0.030392757	0.036664271	0.031695581	0.025594626
ENSG00000171954	0.015417928	0.02645534	0.025048834	0.015218499
ENSG00000164258	0.01875174	0.027024295	0.028659752	0.019390253
ENSG00000176871	0.029316186	0.031221024	0.030421698	0.026683725
ENSG00000187109	0.027646022	0.037350505	0.02981843	0.025387632
ENSG00000009709	0.015669492	0.025365372	0.026222499	0.015924676
ENSG00000167325	0.032032465	0.033646529	0.028770866	0.024000606
ENSG00000125831	0.014927859	0.024676037	0.02467249	0.015464323
ENSG00000241794	0.020190562	0.028199799	0.024933084	0.015220738
ENSG00000114529	0.048784805	0.042147292	0.039686976	0.058936971
ENSG00000005243	0.03213799	0.026863335	0.032417239	0.026621531
ENSG00000174100	0.02411375	0.029466273	0.027633239	0.024453927
ENSG00000085788	0.031606458	0.035088549	0.031624975	0.024124802
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ENSG00000101276	0.015322929	0.024477392	0.024817132	0.015288384
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ENSG00000015153	0.029075437	0.035466418	0.033438556	0.023096217
ENSG00000023909	0.040810736	0.03632372	0.035620653	0.035331025
ENSG00000088992	0.116377925	0.068635571	0.063723498	0.067698054
ENSG00000138696	0.016634553	0.024794458	0.024818276	0.016861752
ENSG00000127663	0.027964005	0.034152887	0.033544741	0.02505293
ENSG00000184221	0.01860519	0.028308505	0.026003376	0.018759065
ENSG00000182985	0.148513451	0.097139258	0.08037484	0.125903436
ENSG00000172922	0.029913429	0.031605382	0.030320777	0.026549386
ENSG00000144231	0.029305971	0.033796144	0.040504159	0.026079264

ENSG00000173581	0.033289427	0.040121112	0.030823851	0.031525623
ENSG00000198028	0.015801478	0.025118023	0.02560399	0.014067557
ENSG00000198300	0.015209402	0.024897623	0.024429149	0.014613367
ENSG00000166451	0.041491261	0.042808061	0.047652981	0.041160265
ENSG00000170854	0.016376617	0.025606235	0.025056087	0.015155096
ENSG00000172009	0.025476114	0.030900419	0.032474386	0.028935666
ENSG00000197417	0.035384855	0.033218612	0.035984992	0.026978124
ENSG00000013725	0.018180326	0.026417495	0.025048637	0.018300602
ENSG00000127124	0.020056364	0.027313107	0.026069167	0.018173319
ENSG00000127528	0.06324398	0.056554361	0.057900723	0.074763604
ENSG00000198142	0.07424847	0.054596328	0.050243187	0.065417229
ENSG00000073008	0.019925683	0.026276974	0.025434676	0.020056203
ENSG00000099797	0.036100469	0.032624284	0.032083247	0.025829877
ENSG00000159131	0.036056597	0.038332253	0.031925536	0.030839926
ENSG00000075429	0.016178555	0.0256213	0.025045043	0.015041226
ENSG00000121897	0.030898272	0.034075855	0.033126531	0.024957758
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ENSG00000114126	0.037688481	0.037297043	0.035599727	0.039681599
ENSG00000111364	0.028262159	0.029383101	0.031578063	0.02657793
ENSG00000132300	0.028998747	0.033670057	0.032751624	0.023812621
ENSG00000153201	0.038524525	0.036813121	0.040766074	0.03354417
ENSG00000105647	0.016919803	0.025642457	0.025611669	0.015763083
ENSG00000166478	0.025189691	0.029194618	0.029968786	0.020909143
ENSG00000241962	0.029372901	0.030840648	0.033153168	0.028667459
ENSG00000166289	0.04206034	0.040274537	0.033956116	0.033932786
ENSG00000046604	0.064039951	0.044527388	0.037697999	0.044056744
ENSG00000101134	0.017188432	0.024494795	0.025297588	0.015711368
ENSG00000159763	0.014502767	0.023838463	0.024882652	0.015471821
ENSG00000138675	0.018617576	0.024163241	0.024470138	0.014369031
ENSG00000082146	0.052016432	0.056796066	0.055615852	0.045846974
ENSG00000198521	0.045076126	0.041744539	0.032539646	0.047293708
ENSG00000253485	0.016651377	0.02680351	0.025177802	0.017280259
ENSG00000139547	0.017672939	0.024775329	0.026532516	0.018780531
ENSG00000164512	0.022264119	0.026193408	0.025959864	0.016014894
ENSG00000180448	0.030657414	0.034462028	0.035661474	0.032886456
ENSG00000102858	0.024316451	0.035140833	0.045663734	0.032611037
ENSG00000197386	0.02736149	0.030223524	0.031394382	0.025792909
ENSG00000084734	0.015441709	0.02441837	0.025288815	0.014945051
ENSG00000198443	0.017259854	0.024831795	0.026209173	0.017247253
ENSG00000187553	0.01629922	0.02567229	0.024969834	0.015397616
ENSG00000128394	0.029832979	0.038652623	0.029068996	0.028818364
ENSG00000114423	0.057028252	0.040252146	0.049354923	0.046909183
ENSG00000095587	0.016997554	0.025842766	0.024863172	0.015161102
ENSG00000169738	0.030778358	0.032197487	0.032479916	0.031571976
ENSG00000110066	0.03836887	0.044760659	0.045798648	0.044429071
ENSG00000155962	0.106961183	0.081378577	0.073172556	0.099163026
ENSG00000157911	0.014471514	0.025638444	0.024887059	0.016584102
ENSG00000169184	0.015209092	0.025093449	0.02594372	0.015854289
ENSG00000134769	0.028455916	0.026163757	0.026908771	0.017357814
ENSG00000143375	0.083943193	0.077838653	0.062956714	0.082271337
ENSG00000137812	0.015463124	0.024650363	0.02635019	0.014343745
ENSG00000165164	0.015426449	0.025352547	0.024284948	0.016092468
ENSG00000101311	0.083182091	0.062421343	0.031929806	0.050021627
ENSG00000196353	0.030822232	0.026342984	0.027257036	0.019432174

ENSG00000081721	0.028400018	0.032376253	0.034826596	0.029567955
ENSG00000119396	0.019159606	0.025122821	0.025048918	0.016417811
ENSG00000102931	0.030508735	0.036055042	0.035755541	0.028877275
ENSG00000170236	0.01907992	0.025323988	0.025289096	0.015753574
ENSG00000162300	0.0293286	0.031789168	0.033653942	0.022209348
ENSG00000205838	0.015699614	0.025515416	0.024402381	0.014598003
ENSG00000137825	0.046781344	0.052803248	0.038721559	0.035768158
ENSG00000111911	0.031348365	0.038250222	0.031580656	0.024717132
ENSG00000125347	0.037368451	0.036267368	0.0415854	0.030554926
ENSG00000123096	0.040153033	0.048328445	0.036766507	0.035041181
ENSG00000175221	0.028817616	0.030633393	0.039374824	0.025991239
ENSG00000091138	0.016484157	0.025599397	0.024745853	0.016332081
ENSG00000151413	0.032472588	0.034352305	0.032546959	0.033726893
ENSG00000119125	0.022597424	0.035916102	0.034109766	0.034403799
ENSG00000101187	0.054748918	0.04600905	0.039396968	0.036870926
ENSG00000128594	0.015671184	0.026608823	0.025291269	0.014908126
ENSG00000156463	0.016075003	0.025312397	0.025725423	0.015645087
ENSG00000163354	0.015448704	0.024274266	0.02439179	0.015390039
ENSG00000173868	0.016293056	0.025310741	0.024697791	0.015229859
ENSG00000108846	0.024732883	0.025861098	0.025989689	0.02014302
ENSG00000114354	0.024832697	0.029928845	0.031132894	0.024033191
ENSG00000101213	0.016661171	0.024632709	0.025590229	0.016068837
ENSG00000133424	0.098416105	0.072921533	0.075311373	0.072203563
ENSG00000143653	0.038652029	0.054376673	0.045844069	0.051891418
ENSG00000124159	0.017900512	0.025361621	0.026334489	0.017975003
ENSG00000181803	0.016720095	0.025205556	0.024550774	0.016289563
ENSG00000168481	0.014832441	0.025774123	0.025033244	0.014316569
ENSG00000127415	0.031189423	0.036037951	0.034146828	0.032887138
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ENSG00000091640	0.024364413	0.028638929	0.032370598	0.024097911
ENSG00000106049	0.04009489	0.038912803	0.034125957	0.032746073
ENSG00000169469	0.017354087	0.025929959	0.026267081	0.018351308
ENSG00000174720	0.025278902	0.033355364	0.030568937	0.02154075
ENSG00000198515	0.015343368	0.025379153	0.024573336	0.015710625
ENSG00000123901	0.015293092	0.025495518	0.02518862	0.01534628
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ENSG00000123595	0.0352567	0.036031905	0.033857118	0.030247291
ENSG00000136045	0.02296633	0.02860276	0.030323895	0.020074817
ENSG00000164366	0.026198115	0.027492337	0.030166311	0.022106846
ENSG00000196154	0.106808346	0.070369602	0.055627671	0.096317242
ENSG00000139220	0.015703792	0.025347099	0.025231623	0.015183138
ENSG00000010539	0.016611621	0.02534948	0.025857506	0.015145649
ENSG00000167460	0.027011594	0.028440929	0.037089039	0.037563918
ENSG00000251247	0.020167526	0.030012146	0.027992492	0.023570333
ENSG00000196914	0.028732354	0.031006412	0.028632309	0.023094278
ENSG00000012048	0.048776909	0.055460085	0.04259675	0.036771638
ENSG00000164815	0.019225922	0.026689436	0.025179891	0.020135138
ENSG00000089225	0.016618779	0.025848877	0.025063943	0.015527008
ENSG00000196275	0.034018996	0.028445276	0.029913068	0.029430483
ENSG00000165521	0.016417991	0.026115115	0.025709172	0.016364312
ENSG00000184517	0.029586102	0.035720874	0.033262811	0.030562527
ENSG00000100811	0.023595955	0.031541505	0.03017174	0.019041048
ENSG00000171940	0.034417829	0.039791732	0.036238574	0.030591224
ENSG00000161021	0.032004235	0.037807555	0.039591353	0.026706063

ENSG00000151702	0.046773237	0.045980666	0.035953171	0.032242359
ENSG00000138448	0.015872329	0.024276479	0.024980461	0.016150008
ENSG00000113048	0.027937479	0.031789723	0.032259507	0.02735072
ENSG00000205021	0.058309509	0.053854867	0.05963652	0.051236331
ENSG00000108788	0.022055809	0.028835671	0.032542716	0.021835449
ENSG00000161980	0.032034703	0.036772437	0.035715149	0.030352767
ENSG00000151240	0.024109797	0.026914696	0.025563228	0.016084327
ENSG00000108932	0.018461822	0.026230388	0.026786865	0.019596493
ENSG00000173702	0.109167011	0.075060633	0.056854208	0.048356222
ENSG00000185614	0.059176894	0.036451002	0.048424001	0.048134943
ENSG00000135298	0.01743165	0.025446267	0.024797097	0.017478297
ENSG00000155918	0.015693906	0.024724388	0.025520382	0.014664337
ENSG00000189058	0.038257568	0.036810627	0.032720089	0.018932598
ENSG00000167528	0.017524488	0.025748049	0.02495394	0.018463775
ENSG00000187682	0.016431922	0.025815591	0.025305932	0.0163932
ENSG00000197617	0.015170836	0.025368982	0.025326444	0.014555947
ENSG00000204385	0.02596554	0.029930433	0.027889373	0.025466698
ENSG00000203943	0.073533932	0.057385887	0.054714449	0.055379468
ENSG00000171202	0.024153741	0.028001024	0.029372651	0.026113387
ENSG00000171502	0.068000999	0.061133886	0.053055614	0.062755947
ENSG00000151023	0.019922457	0.02739662	0.030490097	0.02061691
ENSG00000166224	0.031487348	0.034477704	0.033705688	0.03302228
ENSG00000141506	0.045094407	0.041338274	0.038192576	0.03858825
ENSG00000143869	0.01577634	0.025547308	0.024707159	0.01581677
ENSG00000133878	0.017584861	0.02547668	0.024560918	0.017215564
ENSG00000171621	0.045720385	0.051271589	0.03788235	0.029170033
ENSG00000167657	0.02616186	0.037886362	0.045930863	0.02632589
ENSG00000084693	0.027091503	0.030648176	0.028183731	0.024616424
ENSG00000163377	0.016592264	0.025025976	0.025107184	0.015794224
ENSG00000159445	0.030855145	0.032466317	0.035343756	0.030561144
ENSG00000162711	0.016670775	0.029328529	0.02527252	0.014899588
ENSG00000135960	0.015323411	0.025010715	0.024558856	0.016150068
ENSG00000198176	0.028926756	0.034241202	0.028606263	0.026454141
ENSG00000183542	0.015970422	0.025126844	0.025351569	0.015598658
ENSG00000147533	0.029064373	0.033243769	0.03164362	0.025536323
ENSG00000164484	0.085957748	0.086538376	0.12970416	0.097227235
ENSG00000107929	0.022924354	0.034148186	0.028481225	0.023793047
ENSG00000105854	0.096869834	0.090615938	0.080789695	0.084514155
ENSG00000100221	0.02914708	0.040715655	0.032418713	0.023400783
ENSG00000171604	0.037345187	0.033843635	0.03178831	0.032173873
ENSG00000156639	0.03043621	0.037908946	0.034493073	0.030785613
ENSG00000132773	0.034973236	0.033932538	0.0517139	0.043875996
ENSG00000147257	0.016967172	0.02646791	0.025000118	0.017502032
ENSG00000174780	0.024802577	0.030659	0.031132184	0.026261868
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ENSG00000117090	0.034640045	0.030356153	0.030707526	0.031144612
ENSG00000159166	0.022510981	0.027222218	0.028200728	0.020142836
ENSG00000095951	0.036177427	0.038048042	0.040084491	0.030804106
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ENSG00000100385	0.036484342	0.038269961	0.038746584	0.029531669
ENSG00000182154	0.02758716	0.031170234	0.030080216	0.031455571
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ENSG00000184922	0.031840793	0.036570313	0.040154956	0.027077274
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ENSG00000164037	0.022537528	0.02735792	0.028928122	0.023325466
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ENSG00000167543	0.032375644	0.032256336	0.035745885	0.029657229
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ENSG00000100197	0.017776986	0.028938707	0.025629025	0.018127734
ENSG00000176387	0.01564358	0.025227322	0.024956555	0.01541481
ENSG00000037637	0.02602854	0.032159121	0.032063635	0.02557035
ENSG00000167487	0.018992307	0.026874576	0.030387076	0.018986047
ENSG00000161013	0.014980934	0.025152346	0.025341817	0.014712199
ENSG00000148297	0.032591967	0.038442789	0.03362389	0.03035523
ENSG00000132613	0.017729186	0.02546698	0.026267489	0.016065806
ENSG00000135211	0.023302354	0.031839218	0.028802411	0.019511456
ENSG00000149476	0.028602166	0.028047812	0.031186449	0.031565212
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ENSG00000169676	0.018777135	0.025696379	0.025295015	0.017115631
ENSG00000180992	0.024884853	0.029813316	0.030409181	0.022718075
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ENSG00000138769	0.016829004	0.026381448	0.025745287	0.017605961
ENSG00000182566	0.049297181	0.044339921	0.030879423	0.031076746
ENSG00000178586	0.01607369	0.024837519	0.024455642	0.016083354
ENSG00000119965	0.034432845	0.037836924	0.03973058	0.034667297
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ENSG00000184293	0.08423958	0.043838975	0.042283162	0.039962239
ENSG00000033011	0.031978543	0.035556955	0.033177811	0.03743893
ENSG00000136848	0.015349292	0.025301336	0.025166038	0.015626098
ENSG00000124279	0.029430366	0.04343544	0.039861841	0.032854444
ENSG00000113643	0.023053903	0.028689694	0.028456099	0.022245702
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ENSG00000197245	0.015793378	0.025795188	0.024573186	0.015628102
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ENSG00000141052	0.015448553	0.024860923	0.024985294	0.015410126
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ENSG00000151090	0.016545555	0.025984062	0.024865536	0.01544957
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ENSG00000016490	0.016084868	0.024861517	0.025275515	0.015626272
ENSG00000132952	0.028782671	0.036393124	0.038433533	0.026788386
ENSG00000112033	0.017035854	0.026925585	0.02663556	0.016323718
ENSG00000085465	0.057294578	0.041196235	0.044747013	0.04810483
ENSG00000165478	0.016708064	0.025936768	0.024971516	0.016335167
ENSG00000165868	0.03341016	0.035574721	0.029345772	0.030787256
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ENSG00000069535	0.018588719	0.025406103	0.026141725	0.016527544
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ENSG00000150347	0.022556616	0.02875302	0.030058862	0.021227594

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ENSG00000240428	0.017012779	0.02445228	0.025543297	0.01614562
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ENSG00000135482	0.037781539	0.040142751	0.031284439	0.02933319
ENSG00000179397	0.015187319	0.025390485	0.024757952	0.013803385
ENSG00000144028	0.022676265	0.029041133	0.031548064	0.019475524
ENSG00000121350	0.034990477	0.043566921	0.038105208	0.030963414
ENSG00000131653	0.028363405	0.032394434	0.029037743	0.02660241
ENSG00000125447	0.015968524	0.02550715	0.024764676	0.015587993
ENSG00000158850	0.034540615	0.034984268	0.040339062	0.034491293
ENSG00000242574	0.034414783	0.039270458	0.0407222	0.045795488
ENSG00000153714	0.021912623	0.026201056	0.025155535	0.01490901
ENSG00000176454	0.03988396	0.035687847	0.032487994	0.029837172
ENSG00000172159	0.026180094	0.047010189	0.02986482	0.025812267
ENSG00000163116	0.015797246	0.024695474	0.024087525	0.014869742
ENSG00000107140	0.027649571	0.030575152	0.03078556	0.026899556
ENSG00000244362	0.016221136	0.025077257	0.0257067	0.014895266
ENSG00000149658	0.026686858	0.038539956	0.046642557	0.027169084
ENSG00000123838	0.016194201	0.024973241	0.024797547	0.014952858
ENSG00000073111	0.029025734	0.032773622	0.030628376	0.025673102
ENSG00000054611	0.030831945	0.035397303	0.032294871	0.032851579
ENSG00000164086	0.018608772	0.030460148	0.026879039	0.021921305
ENSG00000104412	0.028346559	0.031871576	0.029924285	0.027370038
ENSG00000064270	0.015135171	0.024388871	0.024942653	0.015206252
ENSG00000177984	0.029817346	0.029344463	0.027674028	0.024607904
ENSG00000163032	0.018267929	0.025288026	0.02676917	0.016450953
ENSG00000168090	0.030132778	0.033941476	0.030047521	0.024037865
ENSG00000111796	0.014960847	0.023663875	0.024797167	0.015900888
ENSG00000055957	0.033758503	0.036670806	0.028425885	0.049079203
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ENSG00000106128	0.02284364	0.031412825	0.029989272	0.020762612
ENSG00000139636	0.032648032	0.031465818	0.035499655	0.034822518
ENSG00000133115	0.020857871	0.028490904	0.02805874	0.021410555
ENSG00000183508	0.074070865	0.075036343	0.081289574	0.07608551
ENSG00000175336	0.017673821	0.025433147	0.026418167	0.018320365
ENSG00000103066	0.024797605	0.030689157	0.032816122	0.023334566
ENSG00000163347	0.087592311	0.026683657	0.024984725	0.017662415
ENSG00000164169	0.02934431	0.03360248	0.032632919	0.024967696
ENSG00000070269	0.027719573	0.035723999	0.030360641	0.025278051
ENSG00000104974	0.016001781	0.026435604	0.025957638	0.01660384
ENSG00000145779	0.026860919	0.030078556	0.029630091	0.022858965
ENSG00000197632	0.075838668	0.031634007	0.025003763	0.043097034
ENSG00000120805	0.02427706	0.030890759	0.032895103	0.026614794
ENSG00000176009	0.015982152	0.026253851	0.02508888	0.014866994
ENSG00000135519	0.047119323	0.046484898	0.041917724	0.037991203

ENSG00000178922	0.05618428	0.048453576	0.037849849	0.047788794
ENSG00000049759	0.053156972	0.049322393	0.036410818	0.035320966
ENSG00000185238	0.032888838	0.033217428	0.033365973	0.027204427
ENSG00000003756	0.02068453	0.028256178	0.031175596	0.020064793
ENSG00000149503	0.016593987	0.024656984	0.025651245	0.015100629
ENSG00000179088	0.049208812	0.040697107	0.03703343	0.045470108
ENSG00000170027	0.021185961	0.029505217	0.028818863	0.022465978
ENSG00000137674	0.0495637	0.046885192	0.027848231	0.02814156
ENSG00000131269	0.024898772	0.030510002	0.030864573	0.02345767
ENSG00000115504	0.03581126	0.043175526	0.0396209	0.044041077
ENSG00000156510	0.014228929	0.025295025	0.025063932	0.017196155
ENSG00000176200	0.01609905	0.025409599	0.024160151	0.014941847
ENSG00000102312	0.022251239	0.031329679	0.028263985	0.026419049
ENSG00000149124	0.017914434	0.026883302	0.026187435	0.01621775
ENSG00000188389	0.037919332	0.043087635	0.045805703	0.042020681
ENSG00000069943	0.027511548	0.032958827	0.03177292	0.0219276
ENSG00000124587	0.065570682	0.074958755	0.057552161	0.046866396
ENSG00000070366	0.021027189	0.031182062	0.030325938	0.023994127
ENSG00000162231	0.033230327	0.031894618	0.035656782	0.028730569
ENSG00000164871	0.015037185	0.023885327	0.024382097	0.015211076
ENSG00000133401	0.016012885	0.024982294	0.02605872	0.015759775
ENSG00000110958	0.026553235	0.03169231	0.0273263	0.01985424
ENSG00000185513	0.016233816	0.026802718	0.027162302	0.015462036
ENSG00000138622	0.017275945	0.025641887	0.02515336	0.015366182
ENSG00000118515	0.090329362	0.07727976	0.077278128	0.079152796
ENSG00000117594	0.01577396	0.024943346	0.0248412	0.015390382
ENSG00000188833	0.017198141	0.025574033	0.026535858	0.019356133
ENSG00000144827	0.037587688	0.035418434	0.033799418	0.023078677
ENSG00000131188	0.046839482	0.039309379	0.039857125	0.040822827
ENSG00000066923	0.067098635	0.056529396	0.061708168	0.06846349
ENSG00000114853	0.016198346	0.025185397	0.025882432	0.016898598
ENSG00000185909	0.018142378	0.026702407	0.027154691	0.017474028
ENSG00000129219	0.02329322	0.028333714	0.027701091	0.021658101
ENSG00000179950	0.032849576	0.032036825	0.035587621	0.031060198
ENSG00000102387	0.015443296	0.025675167	0.024375092	0.015466087
ENSG00000081051	0.01701186	0.025753017	0.02456846	0.015657933
ENSG00000101638	0.069967577	0.051200801	0.039193948	0.054616928
ENSG00000187118	0.038289895	0.037546984	0.034954329	0.029044054
ENSG00000106537	0.015892236	0.024775118	0.024932723	0.015672618
ENSG00000109917	0.028364061	0.030773985	0.031459891	0.01965433
ENSG00000015520	0.017368948	0.026623675	0.026211228	0.015105765
ENSG00000124089	0.015284434	0.024507517	0.024635949	0.014375014
ENSG00000162520	0.0155536	0.0254199	0.025815204	0.017839124
ENSG00000102239	0.014011336	0.024734286	0.024894036	0.014166574
ENSG00000162460	0.013194896	0.023800981	0.023812836	0.01375836
ENSG00000242252	0.017752224	0.026635157	0.025503267	0.016068559
ENSG00000197721	0.017119514	0.02734508	0.026012836	0.016986786
ENSG00000187778	0.026474585	0.030292971	0.034672545	0.028529322
ENSG00000167945	0.016016673	0.024325402	0.024885339	0.014511573
ENSG00000164692	0.017733513	0.026689707	0.026503418	0.015596945
ENSG00000101384	0.04850996	0.036241122	0.02708916	0.028955116
ENSG00000100934	0.040153826	0.045823937	0.039485325	0.037966161
ENSG00000178965	0.015478793	0.025321564	0.0251894	0.015491602
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ENSG00000198130	0.038493575	0.038974325	0.03413477	0.032121184
ENSG00000197430	0.015010758	0.024233524	0.025320168	0.015779596
ENSG00000117115	0.019050097	0.024939403	0.025148778	0.020269255
ENSG00000125356	0.017674625	0.026334698	0.026714192	0.018131693
ENSG00000142449	0.015692827	0.025501139	0.025260134	0.015262858
ENSG00000197683	0.016058085	0.024753859	0.023757191	0.014845753
ENSG00000140374	0.02045299	0.029015552	0.028364588	0.019045907
ENSG00000079112	0.1264057	0.030419532	0.055668118	0.087723575
ENSG00000145826	0.017380298	0.025411622	0.024712739	0.01613881
ENSG00000187024	0.032582485	0.031171584	0.031071984	0.027112749
ENSG00000172409	0.027241553	0.032513898	0.039635099	0.025948913
ENSG00000181195	0.017018331	0.026015719	0.025155597	0.017756377
ENSG00000156222	0.019416313	0.02582542	0.025831017	0.017117915
ENSG00000122033	0.027313103	0.029857271	0.031168781	0.029589005
ENSG00000100852	0.014959735	0.025459035	0.025090893	0.017501158
ENSG00000064201	0.017399115	0.025733728	0.0253254	0.016404949
ENSG00000145041	0.032046517	0.034991082	0.030280185	0.025537989
ENSG00000149548	0.029844669	0.033171297	0.03267556	0.026807176
ENSG00000119812	0.026267103	0.030121137	0.027064856	0.024546178
ENSG00000104852	0.023803178	0.02860174	0.032060979	0.024293694
ENSG00000143797	0.106331135	0.078070253	0.058545992	0.099117785
ENSG00000078237	0.030914519	0.034467595	0.03539368	0.039710079
ENSG00000196437	0.022367385	0.029150107	0.027621405	0.018237369
ENSG00000183011	0.03235149	0.030785603	0.029688004	0.02680457
ENSG00000130775	0.050116262	0.046156594	0.049490432	0.046754552
ENSG00000173166	0.015476682	0.025522567	0.024332937	0.014785066
ENSG00000158156	0.030348394	0.043345224	0.043207919	0.027254308
ENSG00000163435	0.038298181	0.033879235	0.03258544	0.028964279
ENSG00000119203	0.030233405	0.034955221	0.031133152	0.024053533
ENSG00000170788	0.016842729	0.02523146	0.025595728	0.014874026
ENSG00000006757	0.039551724	0.040420098	0.035820373	0.029133801
ENSG00000162736	0.022226816	0.029250364	0.032739471	0.024705177
ENSG00000108861	0.047619663	0.038039435	0.037699526	0.038158818
ENSG00000126883	0.021605662	0.031221093	0.034811218	0.025219872
ENSG00000186298	0.021980946	0.028705277	0.026446316	0.019375862
ENSG00000167208	0.026571429	0.031690146	0.028625033	0.02547476
ENSG00000143384	0.046608221	0.057746913	0.052968291	0.0473077
ENSG00000151150	0.015515371	0.024221312	0.023914343	0.014718779
ENSG00000116473	0.026631626	0.03161809	0.029129613	0.023192284
ENSG00000125498	0.016565112	0.025773555	0.025501135	0.016423383
ENSG00000133574	0.137567689	0.123360136	0.114054556	0.136320332
ENSG00000068120	0.025893585	0.029141209	0.030211271	0.018811987
ENSG00000083454	0.017562317	0.026780327	0.02436757	0.016447922
ENSG00000151376	0.035710055	0.039262196	0.02660892	0.02815261
ENSG00000180353	0.024417611	0.028554246	0.028867609	0.026939464
ENSG00000197459	0.054669369	0.057109328	0.048628755	0.050534006
ENSG00000088179	0.033141722	0.037450033	0.034580644	0.030647582
ENSG00000168214	0.035806126	0.033113176	0.036201735	0.032864007
ENSG00000005469	0.046824865	0.043936216	0.035300704	0.030737927
ENSG00000173418	0.026208357	0.031159715	0.029393425	0.021229579
ENSG00000167740	0.038865877	0.036578721	0.032591621	0.03301577
ENSG00000139318	0.052972499	0.041476593	0.047919222	0.052342001
ENSG00000161642	0.031152001	0.033281692	0.027692341	0.032074976

ENSG00000163630	0.016302799	0.025532123	0.025587095	0.014502153
ENSG00000156011	0.054528132	0.032395865	0.028757204	0.028750753
ENSG00000112149	0.063468914	0.064906345	0.059573657	0.061320169
ENSG00000174521	0.015199375	0.025510095	0.024112357	0.014717092
ENSG00000007047	0.017256784	0.026016266	0.025974131	0.016049487
ENSG00000145715	0.017802681	0.025476579	0.027258718	0.016859097
ENSG00000182919	0.030491274	0.039528583	0.033788865	0.030593116
ENSG00000165733	0.024674453	0.035241396	0.028266246	0.024649456
ENSG00000180596	0.056594044	0.056074806	0.04929082	0.04469135
ENSG00000176406	0.098002161	0.036906079	0.031391491	0.051004184
ENSG00000151689	0.031634266	0.037202239	0.032118002	0.029911741
ENSG00000124818	0.015833241	0.024766944	0.025243335	0.015584385
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ENSG00000121579	0.041151352	0.0421048	0.035679244	0.030457543
ENSG00000157870	0.06167558	0.048312968	0.041384467	0.051037767
ENSG00000128342	0.023772101	0.030684965	0.027551	0.024090181
ENSG00000081791	0.027831557	0.03145417	0.0283789	0.020427714
ENSG00000150779	0.023770255	0.030354974	0.028782751	0.025302834
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ENSG00000100209	0.023430933	0.028567459	0.028854775	0.021286511
ENSG00000080031	0.017508651	0.025642969	0.024976917	0.017530199
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ENSG00000090612	0.03121414	0.033141567	0.033530691	0.02455925
ENSG00000107295	0.017469701	0.024755876	0.025073973	0.019461655
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ENSG00000107863	0.043882845	0.03629518	0.037890921	0.031761414
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ENSG00000131055	0.024197137	0.028063823	0.029746633	0.01949553
ENSG00000036530	0.018603497	0.025994888	0.028588654	0.018104688
ENSG00000102753	0.026433595	0.032123523	0.029553458	0.030713958
ENSG00000087448	0.042231717	0.041028396	0.034806592	0.03037176
ENSG00000121774	0.020284185	0.026946519	0.02653511	0.020544237
ENSG00000166897	0.017329157	0.024894123	0.023935094	0.015616696
ENSG00000067606	0.045206556	0.045376489	0.043400772	0.047652301
ENSG00000106246	0.025340788	0.031104273	0.035389847	0.025811992
ENSG00000151882	0.078309354	0.050718478	0.056990779	0.063920249
ENSG00000099625	0.018442099	0.025155173	0.027388916	0.015977533
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ENSG00000043143	0.024215266	0.029839351	0.028937805	0.022482016
ENSG00000196932	0.015904193	0.025526974	0.025244266	0.014926735
ENSG00000002330	0.019747455	0.029211839	0.026654994	0.021760804
ENSG00000185271	0.017910666	0.025286203	0.025372894	0.015925398
ENSG00000172403	0.016845941	0.02526176	0.025218943	0.015028401
ENSG00000177352	0.028470331	0.03305186	0.038839872	0.034308718
ENSG00000188120	0.014765525	0.024887748	0.024444002	0.015869401

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ENSG00000106648	0.024205024	0.02689661	0.02759129	0.022740428
ENSG00000249481	0.021254089	0.024691112	0.024834179	0.016082166
ENSG00000135537	0.036350789	0.036346048	0.030073801	0.022358081
ENSG00000137337	0.025236983	0.030699792	0.032035046	0.02199299
ENSG00000182544	0.028527129	0.033473538	0.043252854	0.028901104
ENSG00000021826	0.041240528	0.042001148	0.031848161	0.032876375
ENSG00000150787	0.038734809	0.033734557	0.032227641	0.032619247
ENSG00000181523	0.031860654	0.04565957	0.050765203	0.034584417
ENSG00000099715	0.020990732	0.031199314	0.027203472	0.021723882
ENSG00000132694	0.015529551	0.025489806	0.0251276	0.01519767
ENSG00000174891	0.040621967	0.041235364	0.034091735	0.031588185
ENSG00000167851	0.04548745	0.039329519	0.044070284	0.042718699
ENSG00000111877	0.033924606	0.035138845	0.031151595	0.027471409
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ENSG00000181744	0.036567548	0.042365542	0.036067966	0.033365462
ENSG00000198625	0.045470707	0.05663974	0.043474396	0.035122581
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ENSG00000133706	0.036514322	0.037189965	0.029073914	0.023718018
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ENSG00000143387	0.036625884	0.0324381	0.038059447	0.027119967
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ENSG00000013288	0.015291638	0.025347326	0.024933029	0.014433399
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ENSG00000176125	0.019374109	0.024765518	0.026204081	0.015987059
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ENSG00000006530	0.025868497	0.031927917	0.03135486	0.025758117
ENSG00000173372	0.017739665	0.0253481	0.028207159	0.016182452
ENSG00000182054	0.034513295	0.034556319	0.029911141	0.030824181
ENSG00000120498	0.015487397	0.02516745	0.024660372	0.01611153
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ENSG00000125520	0.04138628	0.035781652	0.032803083	0.033698372
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ENSG00000009830	0.020641894	0.028146331	0.029103292	0.018669488
ENSG00000174371	0.040994288	0.03880308	0.033846529	0.033393036
ENSG00000100626	0.015819683	0.026476667	0.025036338	0.015667704
ENSG00000157168	0.015435249	0.026057453	0.025263494	0.015498159
ENSG00000180318	0.015135605	0.024935497	0.025256577	0.01490713
ENSG00000176746	0.014491357	0.02484534	0.025812196	0.014796126
ENSG00000137996	0.030676884	0.033650712	0.029578742	0.022461652
ENSG00000118965	0.027911274	0.035456256	0.031862571	0.022706276
ENSG00000102103	0.021983285	0.027218382	0.027961945	0.021218414
ENSG00000137574	0.02025229	0.02887169	0.029295951	0.023837752
ENSG00000180776	0.043687923	0.063324317	0.047999522	0.054696893
ENSG00000181867	0.014854056	0.024487901	0.024731403	0.014424192
ENSG00000117748	0.024408437	0.028919389	0.031404434	0.020066905

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ENSG00000164620	0.038574577	0.037699706	0.035957381	0.035943335
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ENSG00000160862	0.01925144	0.027194183	0.026543359	0.01737697
ENSG0000006042	0.047451733	0.031340179	0.034783211	0.040985645
ENSG00000244734	0.017257171	0.024827644	0.025089243	0.015356075
ENSG00000136273	0.017440319	0.025819994	0.025291069	0.015954127
ENSG00000079739	0.03220638	0.032504319	0.030828837	0.023909338
ENSG00000110104	0.039443639	0.042631772	0.040756194	0.04006722
ENSG00000134339	0.039000896	0.047566917	0.048054538	0.050170065
ENSG00000168959	0.016942236	0.025487964	0.025596579	0.015954043
ENSG00000118518	0.030536856	0.039788404	0.03628725	0.029167129
ENSG00000075188	0.03464445	0.032713165	0.031003142	0.02443914
ENSG00000159625	0.016266993	0.026609601	0.02502415	0.016931982
ENSG00000185033	0.015006957	0.024701841	0.024424568	0.014692202
ENSG00000128228	0.048004537	0.044883618	0.044890818	0.051846344
ENSG00000134627	0.036543923	0.041099671	0.033118887	0.042337165
ENSG0000008018	0.021447215	0.027010312	0.027040603	0.017008028
ENSG00000130402	0.024219928	0.02878239	0.02848394	0.022765692
ENSG00000119900	0.045082596	0.036809349	0.036554468	0.030673209
ENSG00000111540	0.030874596	0.031538077	0.031295371	0.032875811
ENSG00000172915	0.068748835	0.045013673	0.042285748	0.049555527
ENSG00000198542	0.026765676	0.027031474	0.025462185	0.015801431
ENSG00000185043	0.038005159	0.032718841	0.033324257	0.032565422
ENSG00000157978	0.034133802	0.030971165	0.033270159	0.032865965
ENSG00000147133	0.026275979	0.031333177	0.029774885	0.027391651
ENSG00000134463	0.053635983	0.04996047	0.052696743	0.058030509
ENSG00000174483	0.029678515	0.03567196	0.028361216	0.028569617
ENSG00000139192	0.047262172	0.043500805	0.049819586	0.039807626
ENSG00000129951	0.015706006	0.025610021	0.025600554	0.014666217
ENSG00000136710	0.024516814	0.034466665	0.032187668	0.023009845
ENSG00000167641	0.017903564	0.026544301	0.02599902	0.019718203
ENSG00000167646	0.018211962	0.026631959	0.025423245	0.020403273
ENSG00000134028	0.045488088	0.059826032	0.026726205	0.038948161
ENSG00000033050	0.032581786	0.039957275	0.033305515	0.035095355
ENSG00000168070	0.016318733	0.02659444	0.025751181	0.018093458
ENSG00000171540	0.110149831	0.057956126	0.037498389	0.043351302
ENSG00000099991	0.028845392	0.035573805	0.031871401	0.02734725
ENSG00000114850	0.042757873	0.041550176	0.037378397	0.039263316
ENSG00000111275	0.080710717	0.057571894	0.055496343	0.057391907
ENSG00000164270	0.014711614	0.024983874	0.025843834	0.015012358
ENSG00000183751	0.031158955	0.034436107	0.028704077	0.028756141
ENSG00000140006	0.024002378	0.029892339	0.030377282	0.019540486
ENSG00000165837	0.01551119	0.025031577	0.025546151	0.015662278
ENSG00000163956	0.026777625	0.032999806	0.036672842	0.029821184
ENSG00000182334	0.01778126	0.024845848	0.027136321	0.017662244
ENSG00000101321	0.017504181	0.027340361	0.025791936	0.018097837
ENSG00000153789	0.020575307	0.025723105	0.028596806	0.015721864
ENSG00000089048	0.031559598	0.033202494	0.03482595	0.029295028

ENSG00000140995	0.049214583	0.047254817	0.046357717	0.042835181
ENSG00000112062	0.019808107	0.028969393	0.027430768	0.016576149
ENSG00000167515	0.027994318	0.031218084	0.033352926	0.027008955
ENSG00000129636	0.045797858	0.04682217	0.038911601	0.069355994
ENSG00000002726	0.047108817	0.024881095	0.02552917	0.041108249
ENSG00000196072	0.046335614	0.032516721	0.042210639	0.082211096
ENSG00000113240	0.030431351	0.035063026	0.037553538	0.032912505
ENSG00000123374	0.03219074	0.037709599	0.031645076	0.028300182
ENSG00000174827	0.025133025	0.026981811	0.028715786	0.020971002
ENSG00000198034	0.01827803	0.026407125	0.02656396	0.018014678
ENSG00000197914	0.032967052	0.03203287	0.035467232	0.033866235
ENSG00000101911	0.030340273	0.034390072	0.031056839	0.024990638
ENSG00000105929	0.015371525	0.02514034	0.02454021	0.015549069
ENSG00000179632	0.023274083	0.027028496	0.039043199	0.028905429
ENSG00000037897	0.036023854	0.0335428	0.034231254	0.035052281
ENSG00000120322	0.015644998	0.024875285	0.02522749	0.01606837
ENSG00000162545	0.093892943	0.065242709	0.057316186	0.062389168
ENSG00000167604	0.018891654	0.02551667	0.025619833	0.016864339
ENSG00000149654	0.016118503	0.025881649	0.026037567	0.015179352
ENSG00000182667	0.015168444	0.02544225	0.025908727	0.015658848
ENSG00000105723	0.016222006	0.024695765	0.02491559	0.015652632
ENSG00000164749	0.022957342	0.026898632	0.024927825	0.026554068
ENSG00000165462	0.014761346	0.024924684	0.024279885	0.014831553
ENSG00000111450	0.03911067	0.035800319	0.037279134	0.0372683
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ENSG00000123610	0.092527702	0.08437447	0.081629183	0.084277376
ENSG00000042781	0.01630496	0.025874931	0.025229142	0.015114386
ENSG00000189227	0.027949852	0.030880281	0.031875599	0.02593835
ENSG00000154654	0.041156075	0.041422858	0.055850298	0.036991732
ENSG00000149599	0.016511869	0.025765172	0.024763371	0.014862368
ENSG00000122203	0.026026465	0.032926233	0.03323951	0.025477043
ENSG00000182621	0.046430315	0.026489834	0.024432457	0.026088973
ENSG00000166575	0.036667847	0.035040557	0.030639996	0.029030479
ENSG00000132330	0.051103332	0.049117555	0.050751557	0.051864033
ENSG00000146416	0.047946738	0.049256083	0.042973832	0.04188561
ENSG00000196636	0.037029039	0.037983762	0.036752042	0.03417161
ENSG00000113916	0.015221378	0.024567101	0.025743539	0.015665699
ENSG00000166313	0.019592667	0.028314698	0.029229858	0.019950859
ENSG00000165215	0.015941947	0.025552304	0.024850844	0.016392132
ENSG00000169118	0.015905561	0.024975322	0.026024115	0.015011418
ENSG00000128652	0.0196101	0.027798649	0.030288886	0.017703149
ENSG00000184599	0.015168237	0.025480328	0.024464096	0.01559306
ENSG00000129214	0.015343832	0.025013644	0.024340042	0.015797101
ENSG00000135404	0.031746667	0.034207393	0.033460815	0.027407206
ENSG00000142319	0.018130637	0.025817948	0.02477975	0.01612307
ENSG00000120063	0.030374069	0.035020065	0.033169224	0.030241907
ENSG00000069248	0.03114023	0.034567253	0.029464615	0.02681684
ENSG00000156599	0.031963204	0.039362989	0.040382104	0.029256587
ENSG00000182551	0.039180465	0.039581966	0.037547489	0.033617243
ENSG00000125166	0.026524229	0.033182928	0.031638805	0.029049238
ENSG00000118971	0.022249967	0.028563055	0.0266324	0.022173432
ENSG00000186889	0.034576783	0.032898798	0.034423241	0.031978676
ENSG00000105559	0.049578904	0.060396101	0.048578291	0.058302197
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ENSG0000023516	0.035015115	0.04267308	0.03367696	0.030475538
ENSG0000075785	0.024382589	0.031260157	0.031289518	0.022709158
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ENSG0000168301	0.031022027	0.032285244	0.033548104	0.023622154
ENSG0000183304	0.015018885	0.025166372	0.024090249	0.014470666
ENSG0000162571	0.01732529	0.024560061	0.024925307	0.015708592
ENSG0000144191	0.016684683	0.027746889	0.025389472	0.017554209
ENSG0000111203	0.03234199	0.035426047	0.034991448	0.028873657
ENSG0000023892	0.034287853	0.033266153	0.03223394	0.023455225
ENSG0000153233	0.018311326	0.026258411	0.026834095	0.017260163
ENSG0000158163	0.015036861	0.024852341	0.024623914	0.014718211
ENSG0000104047	0.0360742	0.040353428	0.032332931	0.028613849
ENSG0000081087	0.034433317	0.039938429	0.033987287	0.030622251
ENSG0000179639	0.036150086	0.024670499	0.025603043	0.022084378
ENSG0000123612	0.021252784	0.030400547	0.025133861	0.019446454
ENSG0000101363	0.026253855	0.027667155	0.029200176	0.020770528
ENSG0000166886	0.025273963	0.032914363	0.035014174	0.031522883
ENSG0000130706	0.024151911	0.02885899	0.035910054	0.030533749
ENSG0000247746	0.019038466	0.02918837	0.028197399	0.017748119
ENSG0000143126	0.018198237	0.024683004	0.025460936	0.018192966
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ENSG0000145908	0.133473946	0.074664818	0.081325293	0.076080964
ENSG0000248541	0.075821926	0.051992526	0.072717156	0.073446576
ENSG0000185115	0.041689755	0.040708222	0.041041117	0.037897804
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ENSG0000173431	0.016971714	0.02644387	0.025470419	0.017059092
ENSG0000175166	0.031677295	0.038982688	0.033586533	0.031534675
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ENSG0000145901	0.023198907	0.029506428	0.029190374	0.021160024
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ENSG0000149196	0.025291568	0.029314203	0.029556626	0.019921264
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ENSG0000167767	0.017913785	0.02880603	0.024948429	0.02595196
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ENSG0000135046	0.114979351	0.109896464	0.10333301	0.119110673
ENSG0000168237	0.028871544	0.029621509	0.02886997	0.025493973
ENSG0000025708	0.041350111	0.041204428	0.038089962	0.034700535
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ENSG0000187742	0.023933787	0.03050853	0.027955193	0.023990655
ENSG0000171865	0.027496107	0.032965664	0.033257334	0.028077804
ENSG0000142507	0.02393636	0.028268814	0.028369827	0.020905671
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ENSG00000130312	0.026069973	0.028548544	0.029240176	0.02476277
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ENSG00000135679	0.029522779	0.037470725	0.038841146	0.034536944
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ENSG00000135917	0.018008202	0.025632358	0.026436983	0.016284689
ENSG00000105397	0.027661211	0.031254967	0.030770135	0.028729369
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ENSG00000147381	0.015767791	0.024195011	0.025455569	0.014599024
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ENSG00000163611	0.043033325	0.053215699	0.040544817	0.033393583
ENSG00000126247	0.021296149	0.027724901	0.027728869	0.023474966
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ENSG00000171174	0.031396648	0.033348479	0.032259191	0.033832375
ENSG00000100027	0.026140058	0.029776701	0.029189853	0.028242145
ENSG00000183695	0.016314548	0.025701286	0.025578635	0.01608455
ENSG00000118402	0.02895821	0.027960286	0.026621793	0.022949105
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ENSG00000100151	0.024658068	0.031356278	0.035496542	0.024125643
ENSG00000013561	0.017403385	0.026775064	0.025605171	0.016255706
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ENSG00000170417	0.026871388	0.031425983	0.029442842	0.028536844
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ENSG00000135111	0.01608753	0.024531871	0.024692605	0.017474075
ENSG00000112175	0.023728395	0.027350203	0.025990296	0.017448863
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ENSG00000134717	0.033149018	0.037263352	0.036747438	0.047779454
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ENSG00000135100	0.016147378	0.025782413	0.02524635	0.014934664
ENSG00000165434	0.01951702	0.025957239	0.02526369	0.015222174
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ENSG00000060339	0.029918952	0.033134687	0.029036302	0.031666243
ENSG00000198554	0.039899134	0.040874089	0.034552328	0.031959314
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ENSG00000137509	0.018305737	0.024616997	0.025387445	0.017375825
ENSG00000126767	0.024827516	0.031653901	0.03176224	0.027782761
ENSG00000186912	0.014928346	0.024282026	0.025030135	0.01497453
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ENSG00000123219	0.050172523	0.050564537	0.037741855	0.037309848
ENSG00000152208	0.015768718	0.025803483	0.024461443	0.01458241
ENSG00000196739	0.016206356	0.027224375	0.024880393	0.015349929
ENSG00000174226	0.016322458	0.025336952	0.025491533	0.01645832
ENSG00000159352	0.027388766	0.031824945	0.033147543	0.02404308
ENSG00000128310	0.016487447	0.024194084	0.024752195	0.015247818
ENSG00000179363	0.015633888	0.024852696	0.024562735	0.01608964
ENSG00000125971	0.018370378	0.027296279	0.027400893	0.021454894
ENSG00000004399	0.017236637	0.026869592	0.027375846	0.016454787
ENSG00000155714	0.015322107	0.025746801	0.025223342	0.016173659
ENSG00000132965	0.070024386	0.062226904	0.07991446	0.08227877
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ENSG00000130812	0.036459496	0.033483585	0.039640224	0.041844162
ENSG00000099904	0.034341297	0.03720384	0.033265825	0.024164818
ENSG00000147676	0.015718437	0.025472867	0.024628948	0.01426469
ENSG00000074842	0.031048077	0.032565297	0.035626292	0.033200674
ENSG00000129282	0.035721998	0.043030126	0.032648131	0.028415963
ENSG00000168621	0.01569193	0.025740342	0.024751714	0.01515042
ENSG00000173714	0.016877703	0.02441172	0.025054546	0.017899707
ENSG00000089737	0.020825737	0.028475384	0.032377201	0.018241255
ENSG00000181016	0.021710852	0.029155642	0.025658991	0.017530767
ENSG00000117228	0.058889647	0.060556879	0.058205909	0.056818141
ENSG00000162438	0.016610665	0.025780372	0.024466194	0.017684448
ENSG00000159176	0.037440017	0.037794219	0.037030271	0.028320404
ENSG00000163002	0.036324094	0.034798083	0.037366328	0.037870507
ENSG00000196365	0.031140001	0.030711869	0.034369662	0.027556527
ENSG00000173085	0.075026106	0.064243279	0.054325498	0.058365398
ENSG00000136319	0.031677378	0.036316605	0.036555348	0.028251356
ENSG00000227507	0.086212141	0.067495068	0.072976135	0.08217916
ENSG00000060140	0.019801385	0.024796242	0.025121406	0.017560066
ENSG00000100804	0.028208411	0.031564037	0.029575219	0.023006228
ENSG00000106789	0.068000467	0.117652057	0.094008284	0.099619668
ENSG00000080511	0.017262045	0.025459081	0.026183763	0.015530294
ENSG00000108255	0.015328759	0.024757108	0.026034665	0.016117239
ENSG00000113407	0.022669872	0.030720812	0.032031734	0.02429204
ENSG00000147854	0.032765404	0.038479344	0.035526144	0.026719051
ENSG00000102144	0.033706103	0.031682242	0.036622952	0.026986757
ENSG00000108829	0.034421566	0.036699782	0.042098028	0.036660161
ENSG00000159377	0.025602916	0.030646771	0.034273203	0.020230845
ENSG00000108001	0.016531154	0.024989268	0.025018861	0.017715394
ENSG00000147471	0.027700655	0.038781236	0.035136598	0.028541926
ENSG00000101457	0.025799245	0.030684874	0.031945902	0.024718194
ENSG00000171570	0.027528611	0.041250554	0.043448577	0.033897909
ENSG00000204446	0.018729206	0.02598547	0.025336739	0.016946763

ENSG00000131781	0.016747627	0.02680267	0.02514922	0.017012718
ENSG00000107731	0.016045282	0.024757708	0.026189594	0.016169717
ENSG00000197110	0.016834642	0.02886113	0.025966097	0.017268365
ENSG00000184867	0.081566064	0.048138054	0.050799637	0.05932807
ENSG00000184009	0.018156633	0.025183902	0.025707659	0.017314176
ENSG00000166501	0.044659448	0.040981196	0.039654681	0.03670241
ENSG00000166170	0.033680368	0.040766607	0.042956035	0.031506206
ENSG00000011677	0.017177956	0.027664721	0.024531044	0.017640205
ENSG00000162368	0.026447047	0.033236933	0.029244051	0.027295428
ENSG00000165186	0.015040473	0.025481865	0.024555423	0.015749406
ENSG00000179387	0.034548577	0.038433075	0.033707265	0.028623399
ENSG00000182050	0.015968265	0.025093544	0.025194896	0.016416491
ENSG00000119547	0.01621957	0.025247363	0.024976899	0.015143575
ENSG00000010379	0.017924473	0.025743776	0.026072073	0.015645864
ENSG00000167434	0.064035202	0.047849364	0.040018019	0.052037255
ENSG00000072849	0.031663276	0.031996192	0.040608575	0.030483988
ENSG00000148180	0.022314688	0.025659537	0.028264936	0.018184665
ENSG00000172432	0.028565464	0.032464535	0.030365594	0.023516989
ENSG00000080824	0.030673129	0.037622286	0.032285945	0.036446618
ENSG00000100889	0.029102585	0.029574307	0.030786142	0.022585977
ENSG00000179715	0.074258737	0.057268468	0.067485755	0.05932664
ENSG00000137168	0.034439462	0.035367249	0.032956626	0.034312228
ENSG00000118369	0.039109042	0.03614835	0.042476604	0.03299201
ENSG00000171700	0.042376706	0.046412384	0.040968405	0.042133142
ENSG00000182791	0.014724438	0.023885811	0.02455389	0.014272423
ENSG00000172551	0.018281779	0.024780566	0.024854254	0.01623226
ENSG00000126214	0.027193604	0.031646712	0.03318313	0.025252104
ENSG00000140391	0.034352062	0.035427169	0.033507706	0.039203667
ENSG00000143816	0.015315955	0.025437718	0.02520331	0.01548521
ENSG00000019582	0.02210617	0.030711649	0.028322266	0.0274537
ENSG00000128791	0.054287859	0.041356204	0.037285191	0.041177863
ENSG00000237289	0.029325927	0.03461811	0.028491617	0.017374908
ENSG00000163492	0.015705128	0.025375485	0.024069748	0.015099098
ENSG00000184254	0.027754998	0.027998674	0.026279188	0.051648697
ENSG00000111206	0.016590405	0.026070452	0.025672116	0.015622543
ENSG00000160973	0.01641393	0.025762318	0.024083166	0.014805676
ENSG00000148606	0.018897733	0.02905348	0.025856104	0.017970502
ENSG00000090512	0.018903734	0.026236395	0.02554833	0.016624587
ENSG00000176571	0.017762973	0.027101519	0.02718019	0.018128637
ENSG00000134371	0.028793897	0.036069389	0.032921705	0.028722731
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ENSG00000212916	0.040365895	0.035872821	0.037060455	0.032644397
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ENSG00000178789	0.020580069	0.035339095	0.029171859	0.02587161
ENSG00000142583	0.095085113	0.065656629	0.065899753	0.07669893
ENSG00000152683	0.02103429	0.029156666	0.02878007	0.024937277
ENSG00000180787	0.041128461	0.03962049	0.039241448	0.034674156

ENSG00000143891	0.073985718	0.058918896	0.056386558	0.06605052
ENSG00000115993	0.029468156	0.03614608	0.033032227	0.025286096
ENSG00000177025	0.0183527	0.026231247	0.025376737	0.019954328
ENSG00000131446	0.026509873	0.028471432	0.037749983	0.02855365
ENSG00000186654	0.017116864	0.02615642	0.026708707	0.01712645
ENSG00000163982	0.016190452	0.024899031	0.024704255	0.014994476
ENSG00000157703	0.016213541	0.025974151	0.024994645	0.014802967
ENSG00000171823	0.026013156	0.032367227	0.029098805	0.02370926
ENSG00000166523	0.016412256	0.024313017	0.024763965	0.015016143
ENSG00000127922	0.019819652	0.027263401	0.027595295	0.017167857
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ENSG00000135905	0.047582906	0.051518405	0.042891181	0.03731006
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ENSG00000171049	0.015768704	0.025300179	0.02496074	0.014479878
ENSG00000101425	0.015256743	0.02496275	0.024785301	0.015152997
ENSG00000140323	0.015195368	0.024023802	0.024192319	0.016185764
ENSG00000080503	0.043306296	0.044213974	0.042142887	0.039169372
ENSG00000035687	0.030382631	0.03459223	0.033049595	0.028662288
ENSG00000143314	0.035633442	0.035845328	0.034000223	0.023608328
ENSG00000120057	0.015417022	0.024901618	0.025114429	0.015424317
ENSG00000164647	0.155759857	0.088568517	0.09314466	0.101663866
ENSG00000185130	0.037056524	0.030744504	0.040703926	0.032344465
ENSG00000104055	0.101147466	0.091527404	0.078336146	0.082290023
ENSG00000157110	0.125649976	0.105399123	0.082076075	0.118765845
ENSG00000139223	0.015691756	0.024896661	0.024306985	0.014535023
ENSG00000138777	0.036647022	0.050161611	0.049676484	0.056270192
ENSG00000197651	0.023038143	0.032105562	0.030155038	0.020391652
ENSG00000156486	0.017324131	0.025291758	0.026661835	0.01713829
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ENSG00000185219	0.016199977	0.026753761	0.025138391	0.01596716
ENSG00000188559	0.016951989	0.025342279	0.023975673	0.015090001
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ENSG00000186471	0.016803776	0.026941469	0.026785413	0.017027529
ENSG00000157992	0.018796369	0.025409567	0.026540721	0.017022442
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ENSG00000094963	0.016622873	0.025750509	0.024801668	0.01560127
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ENSG00000147649	0.025874991	0.030575773	0.030578643	0.025322461
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ENSG00000181817	0.024752411	0.031381953	0.033600102	0.029955303
ENSG00000188467	0.015621321	0.024436365	0.023645854	0.015060436
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ENSG00000153253	0.021972668	0.025182893	0.024531312	0.016128033
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ENSG00000171855	0.029218305	0.02870226	0.027221457	0.015448243
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ENSG00000124207	0.035327511	0.035891799	0.033581428	0.026287284
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ENSG00000099866	0.016754916	0.024622601	0.024837939	0.016492196
ENSG00000145912	0.024501732	0.028411357	0.028904167	0.019730614
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ENSG00000137714	0.026847733	0.036568267	0.03470361	0.034013419
ENSG00000241837	0.016461378	0.025191101	0.025169742	0.015798839
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ENSG00000156381	0.054289274	0.038353593	0.037823527	0.038692754
ENSG00000188674	0.013528402	0.023444434	0.023518746	0.013005628
ENSG00000123684	0.045853532	0.044381211	0.046759264	0.045581085
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ENSG00000074696	0.034620461	0.036738784	0.033298316	0.034149095
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ENSG00000068489	0.041539058	0.035537057	0.034755015	0.028780402
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ENSG00000169718	0.022974674	0.027475662	0.02692133	0.026955807
ENSG00000159450	0.018117197	0.025432969	0.026603172	0.019401169
ENSG00000164334	0.017511239	0.026474479	0.025159246	0.015477642
ENSG00000100991	0.020738908	0.026039478	0.031615042	0.021255804
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ENSG00000111670	0.034362841	0.035732492	0.04320069	0.032854496
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ENSG00000188763	0.07081437	0.067792585	0.055767436	0.049689182
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ENSG00000120071	0.021545244	0.029392157	0.033557135	0.023284839
ENSG00000147439	0.030168754	0.034436625	0.037347928	0.026534446
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ENSG00000131142	0.027220271	0.029185131	0.032494174	0.028677226
ENSG00000133048	0.049731177	0.070888377	0.057118674	0.057780019
ENSG00000170271	0.016158421	0.02587627	0.02661521	0.016704839
ENSG00000120832	0.017028186	0.026704208	0.02546786	0.016924016
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ENSG00000152034	0.016906944	0.02481452	0.024107387	0.015796434
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ENSG00000121903	0.014509429	0.02620092	0.0248803	0.016087273
ENSG00000135549	0.019224066	0.026200371	0.024782645	0.020137465
ENSG00000156564	0.015920899	0.025678493	0.025440524	0.016008249
ENSG00000102921	0.048888156	0.041640152	0.042704117	0.039833726
ENSG00000170265	0.01966611	0.029100679	0.034191533	0.022312136
ENSG00000180329	0.02496946	0.030770705	0.030200374	0.023141934
ENSG00000176108	0.021550935	0.027106357	0.030743668	0.020325246
ENSG00000078399	0.015427817	0.024494427	0.025444655	0.014963299
ENSG00000112309	0.017305946	0.026858931	0.026949926	0.018865394
ENSG00000047634	0.112154765	0.090702714	0.067244932	0.090533306
ENSG00000163909	0.029047289	0.02945186	0.031091295	0.028055345
ENSG00000106080	0.038578362	0.034984217	0.037409145	0.040667027
ENSG00000169562	0.016203309	0.025266657	0.025678016	0.014786082
ENSG00000126698	0.026307894	0.031723458	0.031454607	0.02272842
ENSG00000092108	0.020013046	0.028267906	0.02979595	0.022660484
ENSG00000243955	0.016832284	0.024698751	0.025352711	0.016431448
ENSG00000128845	0.015335933	0.025279018	0.024373854	0.016287486
ENSG00000072864	0.029595042	0.0373206	0.032545933	0.028564469
ENSG00000077147	0.024296555	0.029936787	0.030611056	0.02175547
ENSG00000088205	0.0287293	0.034364961	0.032234943	0.026555841
ENSG00000140525	0.043243912	0.042927487	0.034147302	0.033513967
ENSG00000133169	0.028730023	0.02738518	0.026919867	0.018013496
ENSG00000142544	0.026120045	0.031081303	0.029251789	0.031107947
ENSG00000154328	0.031412175	0.034869542	0.033157688	0.026297851
ENSG00000189068	0.015167436	0.026050182	0.02408134	0.015603625
ENSG00000168229	0.016828749	0.025704778	0.024113695	0.015501233
ENSG00000189369	0.027318081	0.036586423	0.033732329	0.025587175
ENSG00000197846	0.079633301	0.056249278	0.07666212	0.07408853
ENSG00000104818	0.019041357	0.029780231	0.026301443	0.017325414
ENSG00000141682	0.03171686	0.032356099	0.036303809	0.030545019
ENSG00000140332	0.042888203	0.038835422	0.038031968	0.036980412
ENSG00000152592	0.015737463	0.025468696	0.025285269	0.01499645
ENSG00000183034	0.017214956	0.026212842	0.024791375	0.01723533
ENSG00000065328	0.047627705	0.043586116	0.035131466	0.04001927
ENSG00000181378	0.014172115	0.025140462	0.024826657	0.014628143
ENSG00000097007	0.035789452	0.036229893	0.03845273	0.028715733
ENSG00000032444	0.028540811	0.031348959	0.027123217	0.026963285
ENSG00000141325	0.029529519	0.035133157	0.033755157	0.022634595
ENSG00000174500	0.054991005	0.067609206	0.060421349	0.063197118
ENSG00000048140	0.025124613	0.033423091	0.032799839	0.025591431
ENSG00000138798	0.016925226	0.024167052	0.02498375	0.015176756
ENSG00000163645	0.016496616	0.0247461	0.024685194	0.015477786
ENSG00000132329	0.118489067	0.106225747	0.105592641	0.102949832
ENSG00000136051	0.034756575	0.038831244	0.034905631	0.032905914
ENSG00000150628	0.016878195	0.025005838	0.025426624	0.015370531
ENSG00000173726	0.025543967	0.032672946	0.028982323	0.02575044
ENSG00000140955	0.026899938	0.029157309	0.043286408	0.018419957
ENSG00000133488	0.01543281	0.025972941	0.02598216	0.016387266
ENSG00000160716	0.01635548	0.024148027	0.024108886	0.015194838
ENSG00000147443	0.03378707	0.044330517	0.04151049	0.03891837
ENSG00000160284	0.06658035	0.044490973	0.03771814	0.135364676
ENSG00000048162	0.031211614	0.033119601	0.035373718	0.033325649
ENSG00000004948	0.016139416	0.024149075	0.024832288	0.015899082

ENSG00000168995	0.016587331	0.026291064	0.027667863	0.015798864
ENSG00000145860	0.037465422	0.043327334	0.042649601	0.037453483
ENSG00000172336	0.026796821	0.027368162	0.032388251	0.027921043
ENSG00000036672	0.017062393	0.026162432	0.025419877	0.018875074
ENSG00000041802	0.029729487	0.031292056	0.031691514	0.027386012
ENSG00000164430	0.045289132	0.041184144	0.04252722	0.037296622
ENSG00000123444	0.014654444	0.025696849	0.024814234	0.014827518
ENSG00000065000	0.029859487	0.035486906	0.034397502	0.028162804
ENSG00000180964	0.02747872	0.0300815	0.02755073	0.019780816
ENSG00000101333	0.03029719	0.029195539	0.028295912	0.023759083
ENSG00000111596	0.019077915	0.02805485	0.029618119	0.018246255
ENSG00000166347	0.041272537	0.035907733	0.034085052	0.032777953
ENSG00000182704	0.016309095	0.025198568	0.025213062	0.015844986
ENSG00000179520	0.018184603	0.025095282	0.025350689	0.014342084
ENSG00000080910	0.01631619	0.025557611	0.025905649	0.017053885
ENSG00000113638	0.037592879	0.043079177	0.033802833	0.030074147
ENSG00000130703	0.024342199	0.030300194	0.030435119	0.021506469
ENSG00000130827	0.021261646	0.030572432	0.03112097	0.019001921
ENSG00000152254	0.015637796	0.024433785	0.024798492	0.01595826
ENSG00000164821	0.016443978	0.026922937	0.027303276	0.016882244
ENSG00000214026	0.022313103	0.027648482	0.027608612	0.018755877
ENSG00000155657	0.020367857	0.027622545	0.029253805	0.018449652
ENSG00000125851	0.015383884	0.025124772	0.024789688	0.016951887
ENSG00000140350	0.036620328	0.031402022	0.028274358	0.028134103
ENSG00000181752	0.017556764	0.027490177	0.02672084	0.018886269
ENSG00000006062	0.038196065	0.044614322	0.043255492	0.03271385
ENSG00000137992	0.03210633	0.037377416	0.032238939	0.025174233
ENSG00000108639	0.035813292	0.038600404	0.031255224	0.035096164
ENSG00000118246	0.0266301	0.031963434	0.030028135	0.027506841
ENSG00000153179	0.018806374	0.026577797	0.025593747	0.016481506
ENSG00000139352	0.120560526	0.098155164	0.063091418	0.091849825
ENSG00000176034	0.015425495	0.025107531	0.025280456	0.01545639
ENSG00000135226	0.06948393	0.049131774	0.029414432	0.046112281
ENSG00000125965	0.016528754	0.025188771	0.025873395	0.015400581
ENSG00000139269	0.095832071	0.064210873	0.055269849	0.067126429
ENSG00000188428	0.032788603	0.03356919	0.031415555	0.022769652
ENSG00000161574	0.017011116	0.026036198	0.025590936	0.016209313
ENSG00000138615	0.021665786	0.026876836	0.025997832	0.015779883
ENSG00000180332	0.015775512	0.024768315	0.025427869	0.01417047
ENSG00000205030	0.015413598	0.025972143	0.024763166	0.016109171
ENSG00000130477	0.01516768	0.024950358	0.024668882	0.015148912
ENSG00000090020	0.038209412	0.039701399	0.038758206	0.039083227
ENSG00000138495	0.025086899	0.028768353	0.031679821	0.022657394
ENSG00000169385	0.015495269	0.025948796	0.024487721	0.015463449
ENSG00000119820	0.024045557	0.030955295	0.028749239	0.023427847
ENSG00000198856	0.029630539	0.033368121	0.032851734	0.028152293
ENSG00000174564	0.022408179	0.030081027	0.032428732	0.020340734
ENSG00000105866	0.01546038	0.024808764	0.025021351	0.015462108
ENSG00000168032	0.015034409	0.024879854	0.024182765	0.014766271
ENSG00000056586	0.0256528	0.034621248	0.03240452	0.020182212
ENSG00000068971	0.051796048	0.039465558	0.040791207	0.047481957
ENSG00000187189	0.040478395	0.036806918	0.034315898	0.035914439
ENSG00000039068	0.131207618	0.109332643	0.108601569	0.115540444
ENSG00000153487	0.019550544	0.02869203	0.026186521	0.020442013

ENSG00000185261	0.0180295	0.026924848	0.02551276	0.015960442
ENSG00000116752	0.025673258	0.034580415	0.033495548	0.034232004
ENSG00000166257	0.016322908	0.025185191	0.025414251	0.014513931
ENSG00000074771	0.015475143	0.025338882	0.024501731	0.015702325
ENSG00000137817	0.025809943	0.033538847	0.032079255	0.028166421
ENSG00000166473	0.016033142	0.024577789	0.024357581	0.014927797
ENSG00000169592	0.028077813	0.030736571	0.033183839	0.025601434
ENSG00000112234	0.022823364	0.03385945	0.031480782	0.020707207
ENSG00000053770	0.029444619	0.036496274	0.031386505	0.029199895
ENSG00000107560	0.032876529	0.038448353	0.039993341	0.032864224
ENSG00000178852	0.015062213	0.025404616	0.024774057	0.015301264
ENSG00000085840	0.052420595	0.042003193	0.035130042	0.036793995
ENSG00000187180	0.016429268	0.025021457	0.026107286	0.016317767
ENSG00000197748	0.015063351	0.025749227	0.025037014	0.014507957
ENSG00000060138	0.032252652	0.031564199	0.029191006	0.028728876
ENSG00000162733	0.059323801	0.047878276	0.039075461	0.046057628
ENSG00000137841	0.063315699	0.054429845	0.043899679	0.043015021
ENSG00000107745	0.030831924	0.032036323	0.03145583	0.022634014
ENSG00000153208	0.045925899	0.037910674	0.033590285	0.031008653
ENSG00000162298	0.03427238	0.036180031	0.045338615	0.033571705
ENSG00000175564	0.015735473	0.025147406	0.025077205	0.01525043
ENSG00000144821	0.016887286	0.025660451	0.025430666	0.016717949
ENSG00000153976	0.019962502	0.026831541	0.024730905	0.018274282
ENSG00000134775	0.126444703	0.116335721	0.055903698	0.090297396
ENSG00000100591	0.028844626	0.034805807	0.031427123	0.028593164
ENSG00000153774	0.083306722	0.075318239	0.065682508	0.086025304
ENSG00000185736	0.039100755	0.033810974	0.030932172	0.036677634
ENSG00000163596	0.016138563	0.025348506	0.025033049	0.015985756
ENSG00000187516	0.015254107	0.024110918	0.024762707	0.0151314
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ENSG00000158321	0.108837563	0.099185129	0.079481827	0.090271278
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ENSG00000175646	0.014992994	0.02392901	0.02483546	0.01446405
ENSG00000149115	0.045260183	0.036704848	0.040348935	0.03493354
ENSG00000187021	0.019348374	0.026043685	0.029239084	0.016873894
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ENSG00000205364	0.054225195	0.057497798	0.064509628	0.059428487
ENSG00000188846	0.050814898	0.046962005	0.059507259	0.039017917
ENSG00000144320	0.035228966	0.038538715	0.030559162	0.02421144
ENSG00000115109	0.016942639	0.026354733	0.025530662	0.017842195
ENSG00000177143	0.017208266	0.025959203	0.026320518	0.016908441
ENSG00000132182	0.031770488	0.03440515	0.032107836	0.023527218
ENSG00000146555	0.014529434	0.024844732	0.024961684	0.014372642
ENSG00000170113	0.02881147	0.031919815	0.032587019	0.028901647
ENSG00000089123	0.026252824	0.035851467	0.029733407	0.020879238
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ENSG00000147614	0.016249218	0.025886482	0.026364667	0.017382097
ENSG00000070501	0.030447308	0.033817863	0.032480237	0.024726392
ENSG00000154415	0.017672061	0.025634888	0.02531956	0.015349441
ENSG00000154743	0.035168185	0.034458355	0.037268158	0.031218337
ENSG00000122882	0.022083715	0.028613067	0.030378945	0.023389669

ENSG00000170775	0.01589616	0.024772412	0.024799652	0.015355038
ENSG00000079999	0.017073162	0.026267287	0.024547928	0.015102123
ENSG00000177791	0.031606519	0.045199023	0.032951429	0.027637717
ENSG00000095303	0.088745404	0.076421758	0.054103686	0.069350542
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ENSG00000124196	0.016083858	0.024566645	0.024275851	0.017794207
ENSG00000175938	0.038915967	0.033631761	0.033479709	0.035548407
ENSG00000177427	0.020480585	0.029564151	0.028508711	0.021847661
ENSG00000196642	0.03344841	0.029847424	0.035041392	0.031363825
ENSG00000074047	0.016355929	0.024716223	0.025877026	0.014198033
ENSG00000107902	0.061716976	0.06110329	0.063500948	0.062198011
ENSG00000170703	0.014930325	0.025164903	0.024580303	0.01432463
ENSG00000140199	0.040048894	0.039100115	0.041107761	0.040419757
ENSG00000162374	0.021241262	0.024869935	0.026251809	0.015484821
ENSG00000164933	0.033193016	0.037456877	0.030098544	0.034818665
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ENSG00000168158	0.014969314	0.024718651	0.025786904	0.015300928
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ENSG00000115163	0.053335913	0.042406843	0.042284923	0.043144326
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ENSG00000204568	0.020450543	0.02586878	0.02889983	0.020450875
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ENSG00000065534	0.015965773	0.025993219	0.025815768	0.015844944
ENSG00000132130	0.023651176	0.026660846	0.025974946	0.02231945
ENSG00000152377	0.023653717	0.025519186	0.027369769	0.019000031
ENSG00000135094	0.020512133	0.026302226	0.026350687	0.017654247
ENSG00000091622	0.016107696	0.025048279	0.024610943	0.015330721
ENSG00000138433	0.020250477	0.027184759	0.029462164	0.018784414
ENSG00000148158	0.035748888	0.044858725	0.042367739	0.040192131
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ENSG00000175931	0.025194602	0.030543635	0.033293818	0.024028602
ENSG00000174038	0.016613195	0.025901009	0.026409018	0.015599515
ENSG00000140682	0.064645778	0.064115262	0.054907323	0.075363508
ENSG00000147894	0.044167368	0.042451559	0.043632519	0.04467567
ENSG00000177675	0.159146695	0.118271728	0.100510099	0.12105643
ENSG00000074071	0.027140133	0.028659791	0.030232695	0.024683325
ENSG00000139219	0.021515388	0.027623127	0.02601112	0.017366493
ENSG00000184014	0.074595405	0.0603203	0.067365459	0.065290057
ENSG00000100288	0.037669104	0.046374593	0.043044162	0.039849354
ENSG00000183570	0.061372876	0.056886808	0.062040434	0.053444976
ENSG00000112079	0.034776761	0.042488803	0.033090287	0.033383404
ENSG00000133710	0.015028504	0.024890081	0.024758209	0.014914983
ENSG00000131828	0.022602283	0.027268906	0.026475108	0.019788884
ENSG00000167395	0.018587974	0.029301648	0.02806004	0.019207397
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ENSG00000174804	0.016935703	0.025746173	0.026022505	0.016418634
ENSG00000137691	0.017777903	0.026086661	0.025814174	0.017393471

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ENSG00000136930	0.020133339	0.027713959	0.027846616	0.02019988
ENSG00000161960	0.022415278	0.026491065	0.026215376	0.018035768
ENSG00000164944	0.028746087	0.034733921	0.033711375	0.022932729
ENSG00000168101	0.025284831	0.030930629	0.032329283	0.022902381
ENSG00000185436	0.087082565	0.060096415	0.05954729	0.077243807
ENSG00000126970	0.026155235	0.030196781	0.029198498	0.025377557
ENSG00000203896	0.073718619	0.065154338	0.063020016	0.065638627
ENSG00000137962	0.016177229	0.025902775	0.025183895	0.016915368
ENSG00000125651	0.023286217	0.032595245	0.035741874	0.021688764
ENSG00000198889	0.01636072	0.025186809	0.024947743	0.01480117
ENSG00000204618	0.015327965	0.025098323	0.025461526	0.01548387
ENSG00000165091	0.015061037	0.02491229	0.024384116	0.014734313
ENSG00000163482	0.042342584	0.047980284	0.036450949	0.031292999
ENSG00000156650	0.028629238	0.030263781	0.033163719	0.02772414
ENSG00000125378	0.016274814	0.024924527	0.025305194	0.014799641
ENSG00000143952	0.032328204	0.03871059	0.032818444	0.031558559
ENSG00000103966	0.025181053	0.030939256	0.036045276	0.029205351
ENSG00000170631	0.028184051	0.040863787	0.043204646	0.032269612
ENSG00000173212	0.057757387	0.050950444	0.038485965	0.039652185
ENSG00000108389	0.025667936	0.030737211	0.030150975	0.022796296
ENSG00000005961	0.03403885	0.029323148	0.03041595	0.023274244
ENSG00000167799	0.048706247	0.040511365	0.043105257	0.050066201
ENSG00000065978	0.017016981	0.025135747	0.024703919	0.017666114
ENSG00000189195	0.017133434	0.025959854	0.024139338	0.015701232
ENSG00000166164	0.02686516	0.034567992	0.029676921	0.019277829
ENSG00000110448	0.01827876	0.024712299	0.024452147	0.016238841
ENSG00000005801	0.028015761	0.034199292	0.036828311	0.030547127
ENSG00000113369	0.063041216	0.059457086	0.05259218	0.058987587
ENSG00000110455	0.056249565	0.075051708	0.064959307	0.029191718
ENSG00000110318	0.015743753	0.024758093	0.025063725	0.014879899
ENSG00000066926	0.037400175	0.044961354	0.044334905	0.033189316
ENSG00000162227	0.031012784	0.036738982	0.042732375	0.032250717
ENSG00000120265	0.02872953	0.030925876	0.028830605	0.02272588
ENSG00000105516	0.037762315	0.033752387	0.035019666	0.036028541
ENSG00000184838	0.016233161	0.025172669	0.025694194	0.016294085
ENSG00000090975	0.015369747	0.024965768	0.024344057	0.015014122
ENSG00000135999	0.031225613	0.042065688	0.038685207	0.035944904
ENSG00000186119	0.017378638	0.02624292	0.024195883	0.015602183
ENSG00000198569	0.017001908	0.025074597	0.024878788	0.015455454
ENSG00000119487	0.030146174	0.032766973	0.030526798	0.027096066
ENSG00000131721	0.015639701	0.02517677	0.024768369	0.016867167
ENSG00000170454	0.017842996	0.02799471	0.026000069	0.019151955
ENSG00000203780	0.079797744	0.038704516	0.026171366	0.034017524
ENSG00000148384	0.028427183	0.033173595	0.037368246	0.029074048
ENSG00000178568	0.013894301	0.02419	0.024188275	0.013884115
ENSG00000203740	0.01588983	0.02491781	0.024427785	0.016704301
ENSG00000157103	0.017069921	0.027120106	0.027613769	0.01681192
ENSG00000156194	0.015545743	0.024821857	0.024054771	0.015891534
ENSG00000112541	0.019684264	0.027950216	0.027444728	0.018313982
ENSG00000167103	0.016550042	0.025716315	0.024667921	0.01624241
ENSG00000141485	0.016899937	0.025297136	0.025395437	0.015870356

ENSG0000034063	0.052160168	0.046051787	0.038948565	0.04837451
ENSG00000185085	0.024533988	0.030960416	0.039517952	0.027589147
ENSG00000075213	0.052111968	0.025940078	0.026441319	0.016399041
ENSG0000030419	0.054144186	0.046299274	0.053404257	0.049029886
ENSG00000113810	0.039402606	0.040664778	0.03475864	0.031722644
ENSG00000110777	0.030062573	0.030023055	0.031139316	0.025332307
ENSG00000100567	0.025630471	0.031562686	0.028561111	0.024392754
ENSG00000151304	0.032529871	0.034285109	0.034837632	0.028484958
ENSG00000144909	0.03243851	0.039042123	0.032874467	0.040507352
ENSG00000172410	0.015377733	0.026425216	0.0255041	0.015571089
ENSG00000143321	0.023696525	0.027290416	0.028424238	0.021971064
ENSG00000005889	0.024043131	0.027486503	0.029284828	0.021032636
ENSG00000143995	0.015993231	0.024526369	0.024649392	0.015367613
ENSG00000117009	0.058016588	0.054810839	0.049540833	0.052684317
ENSG00000169813	0.043272671	0.036326021	0.036188865	0.03678132
ENSG00000196715	0.03602286	0.038103357	0.035986751	0.027872665
ENSG00000119718	0.027348481	0.034081124	0.03331091	0.024612382
ENSG00000102738	0.033992882	0.033788944	0.031718848	0.024174768
ENSG00000132603	0.034952213	0.042565336	0.047274985	0.042810833
ENSG00000077238	0.040002682	0.047062788	0.044852585	0.038715116
ENSG00000164756	0.015790684	0.025654536	0.026930409	0.019530378
ENSG00000064652	0.044273832	0.040860127	0.031806325	0.034518958
ENSG00000155621	0.028889538	0.033042649	0.035897916	0.034533772
ENSG00000163501	0.015988532	0.024676639	0.024633922	0.016454322
ENSG00000087008	0.037420542	0.039505284	0.044350981	0.027892639
ENSG00000013810	0.042177865	0.033797968	0.044734147	0.038791012
ENSG00000036473	0.014149385	0.024033667	0.0247401	0.015632082
ENSG00000160224	0.021468561	0.027275637	0.026096623	0.021636217
ENSG00000104228	0.017477158	0.024819206	0.026489791	0.016819382
ENSG00000105137	0.016613949	0.025001252	0.025449975	0.015061064
ENSG00000101856	0.041215096	0.038900329	0.033962933	0.034083925
ENSG00000064886	0.157930161	0.096659094	0.08225214	0.127999829
ENSG00000089053	0.022008742	0.027204106	0.027744882	0.020825102
ENSG00000082074	0.069047028	0.04039197	0.037619675	0.029403911
ENSG00000186579	0.016359781	0.025415374	0.025632207	0.01657449
ENSG00000179941	0.033263271	0.036961837	0.03131281	0.025163379
ENSG00000166848	0.018718833	0.027104836	0.028822717	0.018503297
ENSG00000145242	0.016410846	0.024880734	0.024852584	0.017040101
ENSG00000162244	0.016568667	0.024236873	0.024877615	0.016536757
ENSG00000168209	0.053868233	0.051831567	0.069845632	0.051181925
ENSG00000132781	0.039253877	0.039186194	0.036741517	0.033266223
ENSG00000198960	0.022865786	0.028059648	0.030309576	0.020861157
ENSG00000168930	0.01634173	0.024405561	0.025027548	0.015780143
ENSG00000124440	0.016467785	0.02477827	0.025590519	0.013850498
ENSG00000166012	0.043955836	0.037714883	0.043311713	0.035362215
ENSG00000139180	0.025067303	0.030577227	0.029440279	0.021845461
ENSG00000121310	0.057022196	0.06524464	0.056447812	0.036859998
ENSG00000172150	0.017366784	0.026530452	0.024903701	0.016249808
ENSG00000168827	0.033197248	0.034083569	0.032050197	0.031463515
ENSG00000124067	0.048003112	0.043155129	0.040197287	0.038004827
ENSG00000170486	0.022014481	0.029830993	0.029650709	0.018933087
ENSG00000164466	0.03354338	0.032759851	0.030488857	0.026526667
ENSG00000161217	0.029119849	0.034770748	0.029325109	0.027549025
ENSG00000197728	0.034094271	0.039686774	0.039861068	0.023926125

ENSG00000105357	0.015585597	0.025988163	0.025588997	0.015192599
ENSG00000165392	0.031369176	0.034745972	0.033747384	0.030762663
ENSG00000146574	0.022403383	0.030681788	0.030005481	0.024161572
ENSG00000172023	0.014894814	0.024209515	0.024824917	0.014965863
ENSG00000113763	0.015267931	0.025938036	0.024250855	0.015493675
ENSG00000165899	0.017088399	0.024529088	0.025945638	0.016099734
ENSG00000130038	0.016383445	0.025199502	0.026431544	0.016056164
ENSG00000174775	0.035339134	0.031020774	0.034692661	0.029260049
ENSG00000170613	0.016168559	0.026654784	0.02516107	0.016799851
ENSG00000139793	0.053521893	0.043587999	0.041941879	0.038555583
ENSG00000146856	0.018068834	0.025342826	0.025456919	0.018104292
ENSG00000127954	0.014772683	0.025310476	0.024419456	0.014983249
ENSG00000169891	0.022614529	0.032979903	0.024153316	0.01793531
ENSG00000185164	0.025290224	0.030610208	0.031612774	0.026978361
ENSG00000160678	0.016552376	0.026491885	0.028078503	0.017785366
ENSG00000080572	0.027301538	0.030332875	0.031734969	0.02501476
ENSG00000058335	0.016835798	0.025028793	0.024860559	0.015791784
ENSG00000131470	0.039751167	0.038250326	0.030830288	0.026828366
ENSG00000138385	0.026407488	0.02926502	0.027685957	0.022782923
ENSG00000112378	0.130314328	0.092065286	0.065319681	0.084674577
ENSG00000129933	0.024699158	0.032929129	0.031623924	0.023651883
ENSG00000136448	0.032546482	0.034430992	0.033448166	0.033734278
ENSG00000174460	0.015532114	0.025648741	0.026695836	0.016787991
ENSG00000197045	0.026753116	0.032049241	0.035560122	0.03284758
ENSG00000168260	0.015658262	0.025447583	0.024659265	0.015594071
ENSG00000110063	0.027859114	0.029634314	0.029156921	0.02405941
ENSG00000077348	0.033169707	0.033170346	0.030752776	0.027933359
ENSG00000147394	0.074209478	0.057314836	0.075350328	0.055527668
ENSG00000135823	0.026305206	0.031420659	0.030612025	0.027685693
ENSG00000163904	0.028289911	0.035253642	0.034727922	0.026966608
ENSG00000063177	0.014648653	0.023691445	0.024181838	0.016281137
ENSG00000181090	0.044302084	0.048564541	0.04304183	0.038749931
ENSG00000184860	0.032411676	0.029589201	0.031890215	0.023870633
ENSG00000078795	0.017642115	0.024397656	0.025256048	0.014956014
ENSG00000143621	0.020496222	0.027829513	0.028841157	0.021496862
ENSG00000196415	0.016109322	0.024734033	0.025383057	0.016662431
ENSG00000113319	0.018916809	0.025549291	0.027912034	0.018195348
ENSG00000198794	0.045119716	0.040305188	0.042325753	0.06620909
ENSG00000183246	0.058996983	0.075151245	0.052504188	0.065098357
ENSG00000170293	0.016507084	0.024972216	0.024992651	0.023414196
ENSG00000167178	0.026273132	0.027339424	0.02651436	0.018450838
ENSG00000186847	0.021847655	0.028050798	0.026617298	0.017351983
ENSG00000155660	0.045191712	0.043512219	0.042972005	0.048064188
ENSG00000147509	0.025041268	0.024720219	0.024238967	0.023774628
ENSG00000242732	0.015605396	0.024736021	0.025794044	0.014880744
ENSG00000112818	0.016774427	0.024989841	0.024588431	0.01570852
ENSG00000163714	0.039627303	0.039969446	0.039355817	0.034111658
ENSG00000160307	0.01574176	0.024154064	0.024793596	0.015685344
ENSG00000107672	0.028048311	0.030988511	0.028625002	0.024372796
ENSG00000198492	0.024070542	0.034950139	0.03873997	0.026228558
ENSG00000124225	0.018094503	0.02528774	0.025307356	0.016736877
ENSG00000133313	0.024276972	0.038211258	0.036357332	0.027101785
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ENSG00000136011	0.016700131	0.025722081	0.02492418	0.017285193
ENSG00000101945	0.034297722	0.028451722	0.040628061	0.034693872
ENSG00000100031	0.01531603	0.02614035	0.024226113	0.01484349
ENSG00000007952	0.015765775	0.025524096	0.024599769	0.014448997
ENSG00000104885	0.029813361	0.037339626	0.042603068	0.031973809
ENSG00000119523	0.024613995	0.034255722	0.037030053	0.02351581
ENSG00000106258	0.017410528	0.025016791	0.025915181	0.014906924
ENSG00000108947	0.015245883	0.02473995	0.024817593	0.01452777
ENSG00000130595	0.050984857	0.059153482	0.057080934	0.072092028
ENSG00000126814	0.030948743	0.034110081	0.03330513	0.025643059
ENSG00000051108	0.045868946	0.046903162	0.048820531	0.042409264
ENSG00000138119	0.027640722	0.025510359	0.024984473	0.015569243
ENSG00000132507	0.03593735	0.039054636	0.039073766	0.040380358
ENSG00000144136	0.030321377	0.039126693	0.034297694	0.029679656
ENSG00000134318	0.039365316	0.03453776	0.035590538	0.029040454
ENSG00000102021	0.021147229	0.025892484	0.025904868	0.016342025
ENSG00000076864	0.058874109	0.055151376	0.063532894	0.057471373
ENSG00000106018	0.016745359	0.025839844	0.025710442	0.016020388
ENSG00000250067	0.019019915	0.026126723	0.024927235	0.017329098
ENSG00000175449	0.039720893	0.037233493	0.032905083	0.031129817
ENSG00000069966	0.01717973	0.025155512	0.02454596	0.016665393
ENSG00000179029	0.029196691	0.045715291	0.032629447	0.039179231
ENSG00000129009	0.016148673	0.02624698	0.025563592	0.016263818
ENSG00000168242	0.057859004	0.045788969	0.064763663	0.061074947
ENSG00000131791	0.017403357	0.026488482	0.026703322	0.015858733
ENSG00000169507	0.018077479	0.024447045	0.02554986	0.017145461
ENSG00000119328	0.027722526	0.036659766	0.032905158	0.024022924
ENSG00000105063	0.029147697	0.032551991	0.032245347	0.02807426
ENSG00000128708	0.027683339	0.031717121	0.028079334	0.031220426
ENSG00000090447	0.018211482	0.025744538	0.025816763	0.015552557
ENSG00000115221	0.016054097	0.02617347	0.025300124	0.016125285
ENSG00000135953	0.016709027	0.024689685	0.025800675	0.016594864
ENSG00000006606	0.01575391	0.025154198	0.024734069	0.015158617
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ENSG00000157778	0.02760788	0.031111369	0.033732899	0.028027711
ENSG00000167771	0.015318032	0.024963817	0.024125568	0.015069687
ENSG00000159648	0.014876639	0.024611837	0.024869274	0.014630786
ENSG00000152284	0.016613183	0.024519129	0.025096373	0.016195733
ENSG00000163029	0.036335469	0.04061581	0.03552898	0.029426094
ENSG00000105371	0.016903122	0.025912667	0.026518825	0.016183667
ENSG00000121964	0.01683849	0.025834274	0.024192228	0.015740834
ENSG00000137261	0.018837103	0.025813345	0.026960336	0.017445069
ENSG00000197321	0.017944087	0.026302732	0.025072715	0.016930091
ENSG00000009954	0.025903122	0.032641393	0.031930961	0.025282703
ENSG00000083937	0.033404109	0.039206543	0.034872834	0.031916458
ENSG00000185666	0.01604756	0.024913997	0.024451472	0.016572841
ENSG00000183346	0.015834883	0.025397268	0.025138201	0.014967463
ENSG00000018610	0.032941461	0.032805621	0.03422191	0.029496611
ENSG00000168491	0.056450931	0.05496603	0.048477379	0.050911227
ENSG00000138629	0.034958705	0.036691009	0.03287826	0.033615324
ENSG00000131051	0.040898969	0.044941994	0.039244119	0.064263004
ENSG00000107951	0.036893936	0.031577483	0.038275799	0.02885434
ENSG00000128989	0.028043563	0.033304444	0.030421037	0.022750513
ENSG00000119421	0.031618792	0.033893054	0.032870554	0.024824584

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ENSG00000159733	0.016769059	0.025101465	0.023984972	0.016419889
ENSG00000165304	0.043124299	0.042359528	0.032532498	0.036840134
ENSG00000115020	0.01627574	0.025472435	0.024165077	0.017685363
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ENSG00000168398	0.016723594	0.025029809	0.025294966	0.014777019
ENSG00000151465	0.028760639	0.033027497	0.031544993	0.026524059
ENSG00000162928	0.026725238	0.033913148	0.040299703	0.020733951
ENSG00000054267	0.027102836	0.033770806	0.03442225	0.026787437
ENSG00000169299	0.033170834	0.041715874	0.033783347	0.028798036
ENSG00000077498	0.015029583	0.025070301	0.024480046	0.015853625
ENSG00000204519	0.028121793	0.044431875	0.04704824	0.030673199
ENSG00000058272	0.032804525	0.04492765	0.03845482	0.049583503
ENSG00000135862	0.06123733	0.05347829	0.046959685	0.043467182
ENSG00000163637	0.059900556	0.035848611	0.028960546	0.031765353
ENSG00000135414	0.020006349	0.028565168	0.030682744	0.019668313
ENSG00000068793	0.031769184	0.040491115	0.036545382	0.033717857
ENSG00000008382	0.028952543	0.029315118	0.031309137	0.025337217
ENSG00000119938	0.033128846	0.033719975	0.039415523	0.02768806
ENSG00000160349	0.016020997	0.025137173	0.024723367	0.014909901
ENSG00000204632	0.039399771	0.048496043	0.042184265	0.053462199
ENSG00000148187	0.034541321	0.037755344	0.034568769	0.030464046
ENSG00000102241	0.034548874	0.036728269	0.032764145	0.026524365
ENSG00000108469	0.022395117	0.02963015	0.029110155	0.026579506
ENSG00000165689	0.039199799	0.040402414	0.036204925	0.030112063
ENSG00000118777	0.015810939	0.025345298	0.024337665	0.014911788
ENSG00000172572	0.018074263	0.025564293	0.024878143	0.017333029
ENSG00000177156	0.023893844	0.030799244	0.027451056	0.021337983
ENSG00000115592	0.014176829	0.025837674	0.026526073	0.014496346
ENSG00000164708	0.016705034	0.024931788	0.025430633	0.017975321
ENSG00000129158	0.028242627	0.029207954	0.030492947	0.029925613
ENSG00000128564	0.016185764	0.025544443	0.024672278	0.01504669
ENSG00000103241	0.015583459	0.025767775	0.024682471	0.01560344
ENSG00000162402	0.017487839	0.025284172	0.02760847	0.016486697
ENSG00000183780	0.077192931	0.070041547	0.040067691	0.046685684
ENSG00000112118	0.032329224	0.032456204	0.030177581	0.026149363
ENSG00000177380	0.017500761	0.02604714	0.025541543	0.016764038
ENSG00000120158	0.035747214	0.036709501	0.041722593	0.037263021
ENSG00000134905	0.033032567	0.036467922	0.03496244	0.02947855
ENSG00000105499	0.100792232	0.095002079	0.081746414	0.072830079
ENSG00000198258	0.018224142	0.027455013	0.025334453	0.016874952
ENSG00000070759	0.040168309	0.035928704	0.038005134	0.035382158
ENSG00000134152	0.037579362	0.036880666	0.038999484	0.031552153
ENSG00000206181	0.019115068	0.028692951	0.026638875	0.017961086
ENSG00000198798	0.016823971	0.027162738	0.026274874	0.01703367
ENSG00000166825	0.017862561	0.029939278	0.025495555	0.034541597
ENSG00000183323	0.024540455	0.033800631	0.028864896	0.023177609
ENSG00000197587	0.016034609	0.025409176	0.024318708	0.015508036
ENSG00000105483	0.044901873	0.048369497	0.037388143	0.032120784
ENSG00000139154	0.037487425	0.039893849	0.03308241	0.028396891
ENSG00000095932	0.023736522	0.031133827	0.02723522	0.025030551
ENSG00000039560	0.096180221	0.110599276	0.04038661	0.068640008

ENSG00000102572	0.024160408	0.031089103	0.029285308	0.020719097
ENSG00000197562	0.032192381	0.037384507	0.033668476	0.027774646
ENSG00000011258	0.026547297	0.02944552	0.032183606	0.026571154
ENSG00000165131	0.015373818	0.025191323	0.024700805	0.015977869
ENSG00000136944	0.016666199	0.025776149	0.025317133	0.016507546
ENSG00000121570	0.017819275	0.02578158	0.025199059	0.01691238
ENSG00000156384	0.023978612	0.02975406	0.026126191	0.023526787
ENSG00000170262	0.015684839	0.025446355	0.025368618	0.014775824
ENSG00000188060	0.0788725	0.073333148	0.050714444	0.067700939
ENSG00000163848	0.024667952	0.029819611	0.031480663	0.022548512
ENSG00000187855	0.015944817	0.025842682	0.024849999	0.016833631
ENSG00000174982	0.015778996	0.025184948	0.024893816	0.014561481
ENSG00000204217	0.031424256	0.033820164	0.036841894	0.031823176
ENSG00000178645	0.016178509	0.024990428	0.024312976	0.015280113
ENSG00000125995	0.022353605	0.025838857	0.025697215	0.01918263
ENSG00000141979	0.015159527	0.025169807	0.024838608	0.015160721
ENSG00000177189	0.033724111	0.044713427	0.034653347	0.031051827
ENSG00000125414	0.019532055	0.030219114	0.027163105	0.018682708
ENSG00000174898	0.015070283	0.025022302	0.025089037	0.016107216
ENSG00000154478	0.015471199	0.025688927	0.024775943	0.015888179
ENSG00000106038	0.01560964	0.02562541	0.026085814	0.016139063
ENSG00000139405	0.022240137	0.028999882	0.02935127	0.02414476
ENSG00000113360	0.028834946	0.034094214	0.029182456	0.020464135
ENSG00000248405	0.016334497	0.024926138	0.025015984	0.014706482
ENSG00000138074	0.043663684	0.04237461	0.038943304	0.046542703
ENSG00000223953	0.016719797	0.025903644	0.024557308	0.016224805
ENSG00000196459	0.027157416	0.03217189	0.034447753	0.026447063
ENSG00000135336	0.029841426	0.035153221	0.029569879	0.026498258
ENSG00000156509	0.053001589	0.044099879	0.039254664	0.041456655
ENSG00000150510	0.016373432	0.027667612	0.026614521	0.0154512
ENSG00000039650	0.029050243	0.031393778	0.028024277	0.026895213
ENSG00000172456	0.050248954	0.043632417	0.033188466	0.037564118
ENSG00000180304	0.030566328	0.03330924	0.031475616	0.02495932
ENSG00000134369	0.030070386	0.028845921	0.031620306	0.026742071
ENSG00000185608	0.024981822	0.031323927	0.033163979	0.020462607
ENSG00000123700	0.102790097	0.058578504	0.026925895	0.016128557
ENSG00000138801	0.038035403	0.040568189	0.036305155	0.027704985
ENSG00000178425	0.035854672	0.033099569	0.033793177	0.024792959
ENSG00000107829	0.022104794	0.029309305	0.029877159	0.021684437
ENSG00000213741	0.017571708	0.025050283	0.0246774	0.018014004
ENSG00000130283	0.016862691	0.02548497	0.024838033	0.016605065
ENSG00000115263	0.015999096	0.027708866	0.025735789	0.017461626
ENSG00000128891	0.030679573	0.031858898	0.034431414	0.025404744
ENSG00000116996	0.022886694	0.02499801	0.02477605	0.015593821
ENSG00000184659	0.014740415	0.026028296	0.024562796	0.014683658
ENSG00000082641	0.026244878	0.030486636	0.033161583	0.029130161
ENSG00000111981	0.016730533	0.02573291	0.025222261	0.015364396
ENSG00000186732	0.015855177	0.025687908	0.024848324	0.015977171
ENSG00000166796	0.024996788	0.025828729	0.026889205	0.020756655
ENSG00000069869	0.016533579	0.024404434	0.024339124	0.018190388
ENSG00000166068	0.091053439	0.076280059	0.072507352	0.087960268
ENSG00000172678	0.016216242	0.024697592	0.025395508	0.015920606
ENSG00000174718	0.036456897	0.040750477	0.037516112	0.034312281
ENSG00000177614	0.017441761	0.027197021	0.025646493	0.017256296

ENSG0000090266	0.024531416	0.032940917	0.029618098	0.030241682
ENSG00000112473	0.032092434	0.036778732	0.043520588	0.036772538
ENSG00000131773	0.076831065	0.027779281	0.025393847	0.024897012
ENSG00000167371	0.021090275	0.02704985	0.028561227	0.018682657
ENSG00000204348	0.035691123	0.027808188	0.028471552	0.023059377
ENSG00000128607	0.037695351	0.049072606	0.046094657	0.039601546
ENSG00000104093	0.035990674	0.03476969	0.032715636	0.025713487
ENSG00000115649	0.02892723	0.035109214	0.034172014	0.031070444
ENSG00000197343	0.025616327	0.036772183	0.035244724	0.02947197
ENSG00000077984	0.021017305	0.038628623	0.035606318	0.056566567
ENSG00000087245	0.017757825	0.025798278	0.025112079	0.015339764
ENSG00000133318	0.027662035	0.030395012	0.029772845	0.023025205
ENSG00000198815	0.023400114	0.03043612	0.032442269	0.024623259
ENSG00000114857	0.036313629	0.038457923	0.034175508	0.031438753
ENSG00000132424	0.02427086	0.031957816	0.030049538	0.022107694
ENSG00000136541	0.027339638	0.035856644	0.034846625	0.023587785
ENSG00000101216	0.025613156	0.037323867	0.038019025	0.023776691
ENSG00000129862	0.026671835	0.02500639	0.025839766	0.018889434
ENSG00000182899	0.014288266	0.023892859	0.024339323	0.014752049
ENSG00000139644	0.019679534	0.02847038	0.03024008	0.018710725
ENSG00000152684	0.032438209	0.03096755	0.033807503	0.026066862
ENSG00000164093	0.016535135	0.025864178	0.02441266	0.016023796
ENSG00000157423	0.017732305	0.025159645	0.025458531	0.015720705
ENSG00000134007	0.018406845	0.026287031	0.025017148	0.015603023
ENSG00000163081	0.017267659	0.025503702	0.02574849	0.016301705
ENSG00000204965	0.01832874	0.025247504	0.026246389	0.01884406
ENSG00000203877	0.015708559	0.024667893	0.024412859	0.014550974
ENSG00000163810	0.017244662	0.025944812	0.025361383	0.018363311
ENSG00000108244	0.019990242	0.027557385	0.025756192	0.018942981
ENSG00000123545	0.033452888	0.035277841	0.033344294	0.028671886
ENSG00000148824	0.019575425	0.027841556	0.02618915	0.018032215
ENSG00000122304	0.016373323	0.025105571	0.025480454	0.015298637
ENSG00000167941	0.020662275	0.030112815	0.027269202	0.022959945
ENSG00000087302	0.018680554	0.026521353	0.026094319	0.019197346
ENSG00000132016	0.015453829	0.024761552	0.025232312	0.014681023
ENSG00000082805	0.016986543	0.025799527	0.024368426	0.015982793
ENSG00000187833	0.021837385	0.025454894	0.024756419	0.015580808
ENSG00000107077	0.029837619	0.037175598	0.030602933	0.025672965
ENSG00000213190	0.062138605	0.042903822	0.046686563	0.056898316
ENSG00000165322	0.033294989	0.036060163	0.03695222	0.033904645
ENSG00000123064	0.033402633	0.030888414	0.031060909	0.029139478
ENSG00000158856	0.018141951	0.025402955	0.026248369	0.016438116
ENSG00000141576	0.057440895	0.052605726	0.050955589	0.051553178
ENSG00000170848	0.015576446	0.025552742	0.025452069	0.015641393
ENSG00000038358	0.03872517	0.041844163	0.041305383	0.02786464
ENSG00000124713	0.022967348	0.025927353	0.026236762	0.018243588
ENSG00000168348	0.015833607	0.02457395	0.024421052	0.014564029
ENSG00000184515	0.058581219	0.041965378	0.042188239	0.048774226
ENSG00000082212	0.037387304	0.045411426	0.035732135	0.034861051
ENSG00000148600	0.020263193	0.028140737	0.025655233	0.025195193
ENSG00000172671	0.042735267	0.044357489	0.035122931	0.033745415
ENSG00000133250	0.035356143	0.039519071	0.044335912	0.030762792
ENSG00000182628	0.043976045	0.043266046	0.037569245	0.032502443
ENSG00000167014	0.016554032	0.02594052	0.024521273	0.016145181

ENSG00000160219	0.023671963	0.02704627	0.026746452	0.020334406
ENSG00000116906	0.027179485	0.033264336	0.027789519	0.023077258
ENSG00000137103	0.037353225	0.034045941	0.038429941	0.034456967
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ENSG00000231256	0.018293298	0.025102032	0.026380226	0.016521893
ENSG00000155100	0.025366818	0.030905909	0.029223124	0.020181052
ENSG00000183255	0.027825221	0.034819505	0.035208223	0.026419956
ENSG00000198089	0.03798031	0.042558246	0.043757496	0.039078599
ENSG00000104450	0.029947071	0.031738862	0.033261121	0.033179452
ENSG00000124172	0.018031365	0.02590002	0.025130736	0.017486558
ENSG00000133026	0.089267161	0.068698868	0.070079822	0.093093553
ENSG00000124134	0.016442631	0.02499005	0.025555593	0.015878167
ENSG00000163660	0.032807205	0.039736047	0.041027389	0.025094565
ENSG00000110436	0.016250424	0.02595631	0.025113547	0.015136195
ENSG00000183941	0.058556484	0.044699744	0.055883903	0.058369677
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ENSG00000187492	0.015442946	0.025154907	0.024838188	0.014592795
ENSG00000162769	0.038387222	0.042130777	0.032097395	0.035426833
ENSG00000160570	0.01872799	0.026899659	0.029333245	0.025452963
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ENSG00000140386	0.044211275	0.04377753	0.039462845	0.031723505
ENSG00000118702	0.017504451	0.025849641	0.023990512	0.01602289
ENSG00000108219	0.034308887	0.037787243	0.032787744	0.038374204
ENSG00000176937	0.018367407	0.026143092	0.027065258	0.017898127
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ENSG00000111726	0.028709921	0.036548081	0.03128425	0.021308907
ENSG00000131864	0.016812064	0.024955269	0.024883363	0.01508094
ENSG00000163517	0.02019685	0.026175552	0.026484828	0.0175413
ENSG00000178878	0.057627179	0.056716482	0.059470171	0.066585975
ENSG00000111229	0.018238925	0.02673265	0.026408092	0.024139427
ENSG00000135409	0.017071221	0.025457219	0.024543368	0.016188757
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ENSG00000146049	0.017299288	0.024587542	0.024540107	0.013984278
ENSG00000244482	0.018210897	0.025727245	0.025698067	0.01773869
ENSG00000141551	0.023950609	0.031498466	0.035769857	0.031086025
ENSG00000138375	0.028839439	0.03541664	0.033514889	0.026699722
ENSG00000130201	0.016566247	0.025180298	0.025070949	0.01538234
ENSG00000163393	0.021834321	0.024633994	0.02553356	0.017919919
ENSG00000143337	0.025360945	0.034821951	0.035572938	0.022579727
ENSG00000121314	0.018786688	0.027946992	0.025945746	0.016095602
ENSG00000106341	0.01662578	0.024475584	0.028064303	0.017151282
ENSG00000186591	0.022463301	0.029891628	0.032422634	0.022057178
ENSG00000213366	0.071682778	0.066322245	0.068796064	0.064641918
ENSG00000143498	0.030373495	0.036452266	0.028568741	0.023713731
ENSG00000145321	0.016093538	0.024981588	0.024704399	0.015791087
ENSG00000163510	0.027625125	0.031339033	0.034631772	0.029652057
ENSG00000153130	0.029256808	0.035519756	0.030176783	0.025569931
ENSG00000129245	0.02247856	0.028046334	0.028152442	0.027201521
ENSG00000198743	0.028256672	0.033069686	0.032852149	0.036147552
ENSG00000183770	0.025902731	0.027181249	0.029581713	0.025025147
ENSG00000109689	0.026925047	0.030486768	0.029812879	0.021833032

ENSG00000196136	0.015076248	0.025804371	0.025633566	0.015360553
ENSG00000163995	0.016583696	0.026128098	0.025709023	0.016163402
ENSG00000054118	0.030857318	0.034688883	0.031840802	0.030774718
ENSG00000128272	0.037166662	0.037891591	0.036000313	0.04130073
ENSG00000063245	0.025780129	0.037010504	0.042428188	0.032259344
ENSG00000134954	0.038304372	0.046213193	0.047427182	0.045726108
ENSG00000017427	0.079695589	0.077454711	0.049365913	0.065761878
ENSG00000187008	0.018428769	0.025947417	0.025904217	0.016588178
ENSG00000074695	0.046451529	0.046854424	0.044299466	0.044759868
ENSG00000180871	0.038794214	0.030564519	0.031415144	0.032099105
ENSG00000055211	0.02471604	0.031285696	0.030367853	0.027725464
ENSG00000104237	0.016201655	0.025063456	0.025742503	0.015632761
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ENSG00000197958	0.016177409	0.025332121	0.025641275	0.016325734
ENSG00000049192	0.031965329	0.030396781	0.02627459	0.025271313
ENSG00000213799	0.027037245	0.032780107	0.032044186	0.031785647
ENSG00000132432	0.021922678	0.027051049	0.027375785	0.020378266
ENSG00000086827	0.035710741	0.038798155	0.034013136	0.029264192
ENSG00000184897	0.040664333	0.042168714	0.040976098	0.034481204
ENSG00000115216	0.025066335	0.031250074	0.037490609	0.022570341
ENSG00000134824	0.039498789	0.034802578	0.030461747	0.033725029
ENSG00000170624	0.020029236	0.026006727	0.025636218	0.017380257
ENSG00000166192	0.035852117	0.038989408	0.03279486	0.028056654
ENSG00000157211	0.015876829	0.024267195	0.024699639	0.016663335
ENSG00000114544	0.033684822	0.039054813	0.037698592	0.030659805
ENSG00000244067	0.016663923	0.027425954	0.027802501	0.01754468
ENSG00000167705	0.02055186	0.02855069	0.027033863	0.020681394
ENSG00000114166	0.019589856	0.028231436	0.025233194	0.017294427
ENSG00000112992	0.018471239	0.027028276	0.026784117	0.018513339
ENSG00000119138	0.062239223	0.041204918	0.041402774	0.044324875
ENSG00000158481	0.044476782	0.041450463	0.055132594	0.066978977
ENSG00000167332	0.016327994	0.024622601	0.025522547	0.016624941
ENSG00000139597	0.040198483	0.036685318	0.043627866	0.04170415
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ENSG00000138080	0.105111906	0.099944593	0.092999601	0.11662332
ENSG00000106333	0.030627008	0.036879815	0.028399743	0.027666112
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ENSG00000159086	0.02841636	0.034762418	0.037950397	0.025956496
ENSG00000131127	0.038382689	0.039557159	0.033602119	0.034761239
ENSG00000174996	0.036147336	0.035144656	0.0352395	0.036536972
ENSG00000163631	0.018116383	0.024734517	0.025193038	0.015949857
ENSG00000126822	0.015774766	0.025462912	0.025691272	0.015578166
ENSG00000198125	0.018740456	0.024962853	0.025766643	0.017364832
ENSG00000171533	0.01662516	0.026174833	0.024394991	0.015280814
ENSG00000239402	0.018256222	0.025653517	0.025649719	0.018108092
ENSG00000177946	0.032695399	0.038060428	0.037674697	0.030625894
ENSG00000174928	0.02084072	0.026919344	0.026459391	0.01668919
ENSG00000101294	0.032722615	0.03845706	0.041983692	0.038474021
ENSG00000164187	0.025401028	0.032425888	0.030398308	0.025091864
ENSG00000154553	0.057230661	0.044797181	0.03378614	0.024443292
ENSG00000136492	0.026563177	0.033579829	0.02947952	0.034059582
ENSG00000069702	0.116374857	0.083140983	0.07580353	0.088641497
ENSG00000169139	0.023880442	0.03144424	0.029035834	0.022065659
ENSG00000171017	0.01829224	0.02927509	0.027313259	0.017253681

ENSG00000154518	0.018959545	0.025784889	0.025410815	0.016843867
ENSG00000110321	0.019439088	0.02883852	0.028529645	0.021945607
ENSG00000178562	0.059233491	0.067528801	0.064214643	0.060505796
ENSG00000074603	0.025356958	0.034537409	0.034419477	0.024336773
ENSG00000100276	0.019237897	0.026398672	0.026018848	0.015420345
ENSG00000132518	0.016982429	0.025550346	0.025215896	0.015071487
ENSG00000006118	0.038469879	0.045634008	0.040851717	0.043613739
ENSG00000134852	0.028477552	0.034809321	0.031361452	0.024164139
ENSG00000189091	0.031362459	0.036341953	0.030727421	0.023928309
ENSG00000137502	0.066111945	0.059521439	0.061430694	0.048705477
ENSG00000106268	0.033818568	0.03017867	0.034189483	0.034338626
ENSG00000129757	0.029441705	0.037408875	0.029970644	0.0325932
ENSG00000184702	0.062867456	0.049208074	0.05054683	0.048597527
ENSG00000143297	0.099426355	0.065729059	0.077216659	0.100605213
ENSG00000137960	0.018670614	0.026910469	0.024948823	0.018953617
ENSG00000087266	0.033066178	0.036118245	0.034255254	0.03036999
ENSG00000152104	0.028056236	0.026269906	0.024692319	0.016922231
ENSG00000136267	0.01478573	0.025310306	0.0243714	0.015017305
ENSG00000176890	0.030542191	0.032580648	0.028019278	0.024907648
ENSG00000196867	0.021987225	0.025754962	0.026299052	0.017788083
ENSG00000183779	0.024837552	0.02945697	0.026334899	0.021076457
ENSG00000099203	0.02610971	0.029483042	0.033821456	0.021539577
ENSG00000044459	0.025153428	0.031326607	0.030318154	0.02021485
ENSG00000169605	0.016362377	0.024707873	0.025567052	0.014972359
ENSG00000124232	0.018507508	0.026384138	0.027046829	0.016954044
ENSG00000120696	0.040121362	0.042917462	0.030929518	0.0264013
ENSG00000079102	0.016817732	0.024717017	0.025232869	0.017722835
ENSG00000237541	0.282420222	0.264067524	0.265088455	0.200045966
ENSG00000197102	0.027515143	0.041694036	0.035026443	0.029420868
ENSG00000170899	0.069695868	0.04609917	0.046916151	0.061916596
ENSG00000123576	0.014995411	0.024625695	0.024093271	0.014208627
ENSG00000177105	0.025380064	0.030902091	0.033552083	0.027369351
ENSG00000169136	0.061555534	0.056194775	0.05131311	0.062038518
ENSG00000166793	0.038650805	0.045948833	0.041082207	0.050380296
ENSG00000092098	0.023568928	0.031260411	0.03745544	0.02321251
ENSG00000134901	0.038991963	0.035294345	0.034538226	0.033833742
ENSG00000118997	0.026512722	0.024831616	0.024744136	0.020823352
ENSG00000150961	0.036658052	0.037486335	0.036754745	0.037558784
ENSG00000186924	0.016010094	0.025926387	0.025304878	0.015269742
ENSG00000153767	0.033359637	0.037675152	0.031065729	0.029192591
ENSG00000234776	0.015633028	0.024765851	0.025528359	0.01636624
ENSG00000165828	0.015283376	0.025051962	0.024043149	0.015686368
ENSG00000138031	0.038455641	0.035896284	0.032084535	0.02796523
ENSG00000102053	0.016908498	0.024918561	0.025477744	0.015063582
ENSG00000166275	0.032679528	0.0402959	0.040791795	0.031562025
ENSG00000165972	0.016714227	0.025057263	0.024544792	0.014634214
ENSG00000121104	0.029638156	0.034714524	0.038138194	0.029274919
ENSG00000149927	0.017232822	0.027216751	0.024942909	0.015913393
ENSG00000108963	0.022185144	0.029461401	0.031088218	0.018697326
ENSG00000137558	0.015547116	0.024663377	0.024954343	0.014873304
ENSG00000184182	0.02746138	0.036276184	0.034438755	0.026081023
ENSG00000003147	0.070182177	0.064011116	0.057734692	0.102101374
ENSG00000205020	0.064307898	0.083275906	0.073437946	0.087197365
ENSG00000136891	0.026380289	0.030563921	0.028154703	0.021974131

ENSG00000181585	0.015482899	0.024683552	0.025087954	0.013814759
ENSG00000136643	0.027239122	0.033270385	0.032717288	0.026073202
ENSG00000106069	0.017391276	0.024649895	0.026015518	0.016063908
ENSG00000117298	0.049474193	0.042498508	0.043766194	0.041887182
ENSG00000152022	0.036390144	0.043872928	0.03849706	0.028530548
ENSG00000169188	0.028387735	0.034162312	0.032492496	0.026232162
ENSG00000138892	0.018136764	0.025073874	0.025219957	0.016390281
ENSG00000114670	0.016171092	0.025540875	0.024373955	0.01537446
ENSG00000153936	0.029799099	0.032491936	0.034445045	0.028443064
ENSG00000183389	0.016844281	0.025946159	0.025250957	0.017498056
ENSG00000176532	0.015325331	0.025197742	0.025442923	0.014391915
ENSG00000196584	0.034492762	0.033372656	0.036000654	0.034005457
ENSG00000166866	0.020910824	0.028053951	0.026259609	0.018334653
ENSG00000134249	0.017405878	0.026706989	0.026581708	0.016430897
ENSG00000095917	0.015957973	0.025865651	0.026434215	0.016747175
ENSG00000101546	0.028175941	0.029360778	0.03337836	0.025629742
ENSG00000110844	0.024565853	0.030995155	0.025777698	0.020535775
ENSG00000140750	0.041209152	0.043180655	0.040969374	0.037821405
ENSG00000162999	0.028823017	0.031846636	0.03229995	0.026662457
ENSG00000070718	0.052014166	0.050409068	0.04327088	0.044653705
ENSG00000183313	0.014910223	0.024069025	0.024635277	0.015339536
ENSG00000112576	0.054676694	0.050478299	0.04224659	0.050541763
ENSG00000125869	0.15897682	0.142694502	0.129409108	0.135118063
ENSG00000173567	0.017970536	0.025101859	0.026146455	0.015607098
ENSG00000108878	0.016040446	0.023961362	0.02401639	0.015926872
ENSG00000184724	0.01603841	0.024974701	0.024551529	0.015325455
ENSG00000053900	0.034889018	0.040553741	0.033708958	0.025106348
ENSG00000188997	0.037414391	0.028605	0.031074864	0.023392261
ENSG00000127366	0.015000605	0.02439243	0.025936426	0.015759194
ENSG00000188581	0.014685881	0.025074252	0.02525357	0.014109484
ENSG00000122678	0.024276268	0.028638977	0.030913244	0.023694806
ENSG00000185049	0.024710621	0.032297886	0.033825929	0.023662548
ENSG00000005893	0.031175157	0.032984563	0.030679844	0.028965832
ENSG00000143001	0.015801717	0.024805264	0.02436075	0.015103953
ENSG00000124459	0.02757646	0.038123148	0.038594376	0.027221147
ENSG00000092847	0.03180559	0.034057106	0.02913507	0.027800301
ENSG00000159479	0.023681904	0.02961002	0.030186667	0.02428472
ENSG00000102977	0.033828701	0.039299369	0.033937997	0.028783634
ENSG00000118640	0.023506997	0.028024207	0.031175036	0.023102786
ENSG00000178235	0.017127244	0.026134783	0.025580048	0.017972238
ENSG00000092969	0.015899802	0.025342338	0.026000571	0.015385065
ENSG00000159708	0.020640344	0.025156736	0.025669637	0.021357751
ENSG00000108946	0.020007436	0.030251933	0.028487322	0.017757888
ENSG00000043039	0.01843634	0.024167908	0.02427548	0.016771276
ENSG00000183900	0.031771427	0.032258387	0.028891946	0.032330926
ENSG00000111837	0.018314908	0.029252392	0.025743415	0.018617794
ENSG00000128534	0.033935836	0.040525511	0.034418445	0.029864947
ENSG00000126264	0.049581218	0.04930171	0.04415664	0.040680794
ENSG00000171097	0.032702343	0.036551845	0.035505923	0.03123195
ENSG00000139973	0.015613511	0.024942298	0.023881811	0.015737063
ENSG00000176678	0.015742742	0.024734914	0.02423733	0.015404481
ENSG00000104804	0.051902306	0.046228103	0.038728516	0.043892865
ENSG00000186462	0.04531214	0.03446968	0.040290661	0.025102631
ENSG00000162517	0.023889251	0.028836841	0.028596747	0.023617437

ENSG00000130176	0.015592929	0.026268416	0.025383393	0.016431083
ENSG00000008282	0.026177241	0.029511743	0.029936753	0.023051119
ENSG00000100325	0.023883994	0.03298599	0.030167498	0.021685571
ENSG00000198670	0.03009087	0.026321531	0.025366706	0.018667133
ENSG00000089818	0.024951345	0.032881353	0.037356602	0.024530649
ENSG00000070748	0.015599715	0.024969182	0.024082456	0.015537127
ENSG00000137727	0.039765416	0.048028921	0.032994381	0.049849871
ENSG00000162188	0.017278822	0.024709078	0.02486785	0.017801816
ENSG00000119004	0.037686328	0.037773927	0.043822094	0.04998138
ENSG00000160131	0.029185924	0.033206267	0.03219782	0.028510369
ENSG00000206561	0.016359333	0.025773812	0.025340618	0.015028861
ENSG00000213694	0.015427802	0.026627171	0.02562898	0.016222714
ENSG00000185813	0.036892016	0.043342941	0.033378921	0.030825172
ENSG00000124496	0.015875958	0.025614264	0.02430632	0.014916729
ENSG00000176396	0.029704988	0.036659105	0.038290277	0.023716414
ENSG00000184900	0.032545407	0.033544268	0.032642817	0.029188816
ENSG00000122223	0.088889458	0.087834521	0.097683191	0.104586674
ENSG00000099256	0.034004284	0.030259556	0.026059087	0.023083365
ENSG00000102010	0.01588868	0.02477336	0.025293239	0.015669617
ENSG00000173653	0.030101336	0.034343483	0.045858753	0.031855865
ENSG00000205542	0.015695813	0.024116616	0.023681363	0.016607755
ENSG00000133858	0.023616619	0.032049838	0.029223324	0.021330341
ENSG00000131183	0.01467679	0.024144848	0.024471961	0.014670151
ENSG00000154144	0.031843806	0.030018753	0.033703036	0.030923825
ENSG00000185551	0.207136143	0.173838398	0.139732355	0.161551406
ENSG00000169288	0.029507978	0.034491126	0.035051994	0.028690133
ENSG00000101292	0.015946135	0.024941616	0.024502927	0.01496218
ENSG00000156273	0.045222273	0.050522432	0.043681828	0.036308137
ENSG00000197157	0.023413184	0.026677388	0.029344196	0.021025154
ENSG00000151553	0.032833052	0.034630617	0.033266161	0.030699619
ENSG00000167207	0.047696782	0.039277865	0.038450355	0.04174355
ENSG00000101040	0.027806291	0.036203176	0.030972158	0.022511202
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ENSG00000170006	0.056722113	0.048297432	0.041531347	0.037726023
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ENSG00000130520	0.031487613	0.032157564	0.031861595	0.026559289
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ENSG00000147402	0.018571355	0.024985813	0.02526812	0.016157542
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ENSG00000164929	0.016616349	0.024818387	0.025209308	0.016802341
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ENSG00000116726	0.03074638	0.027411476	0.031320899	0.019393379
ENSG00000170290	0.017585035	0.026293863	0.0246057	0.018372985
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ENSG00000135773	0.01651326	0.025066844	0.025316427	0.015999005
ENSG00000154016	0.026337705	0.029199734	0.032722818	0.027532144
ENSG00000122254	0.016092962	0.025392612	0.024141331	0.015769851
ENSG00000150637	0.0456058	0.043287439	0.035108282	0.046886751
ENSG00000151812	0.016875626	0.025045101	0.024267762	0.014664284
ENSG00000105880	0.014964899	0.024452981	0.025025991	0.015162924
ENSG00000177042	0.028974605	0.034255453	0.032527307	0.031755963
ENSG00000143774	0.020887272	0.027227235	0.028420703	0.016922241
ENSG00000170759	0.037634264	0.040105847	0.039792074	0.032572199
ENSG00000188124	0.022638557	0.02744736	0.031257334	0.019106937
ENSG00000173432	0.017890432	0.029398588	0.02595043	0.019589807
ENSG00000185245	0.037505355	0.031472014	0.031272075	0.026477772
ENSG00000179820	0.066455299	0.048067501	0.048531886	0.047702739
ENSG00000188786	0.023563981	0.038881539	0.036788278	0.026779727
ENSG00000221818	0.019384952	0.025415002	0.027468219	0.016716874
ENSG00000182325	0.030892193	0.032379341	0.035385736	0.030258342
ENSG00000189292	0.016060989	0.025783685	0.025923083	0.015240696
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ENSG00000133106	0.042677505	0.034724816	0.035204882	0.031022182
ENSG00000131467	0.035241025	0.032396777	0.03889539	0.043907299
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ENSG00000124275	0.016749146	0.025016036	0.025967146	0.016903572
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ENSG00000149133	0.014796091	0.023992812	0.024500975	0.014776549
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ENSG00000169972	0.027561	0.030007939	0.033935764	0.024227296
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ENSG00000166477	0.030200352	0.035641542	0.030710298	0.023247618
ENSG00000145198	0.016168114	0.025166803	0.025047847	0.016294333
ENSG00000181513	0.018926712	0.026697452	0.027798763	0.020849351
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ENSG00000165300	0.023371926	0.025297586	0.026466678	0.01567747
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ENSG00000141404	0.014856705	0.024476266	0.024083376	0.016304371
ENSG00000118260	0.029594059	0.031790515	0.032706183	0.025807799
ENSG00000171492	0.040422408	0.039160923	0.036282445	0.031785937
ENSG00000037965	0.015506693	0.02494213	0.024506198	0.014582065
ENSG00000164576	0.029414999	0.032064263	0.03145821	0.026344245
ENSG00000221826	0.018553175	0.025884147	0.025373784	0.017995763
ENSG00000203737	0.017127493	0.026435633	0.026012337	0.017570386
ENSG00000114631	0.042889289	0.040752097	0.034341881	0.035155746
ENSG00000147872	0.048828647	0.038538827	0.039576672	0.043395736
ENSG00000113356	0.034703496	0.034853743	0.033739063	0.031967295
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ENSG00000112357	0.033080494	0.038785667	0.030511477	0.029355232
ENSG00000164967	0.019414621	0.028485048	0.026675235	0.023113936
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ENSG00000105131	0.016063576	0.025015188	0.024458623	0.014615338
ENSG00000185246	0.028440754	0.032265632	0.029821775	0.025177832
ENSG00000167359	0.017342563	0.026023774	0.025587885	0.015818297
ENSG00000099957	0.015830162	0.025906529	0.024975395	0.014779972
ENSG00000138152	0.017915805	0.031350253	0.029831581	0.02054282
ENSG00000105717	0.064339185	0.060800154	0.046653044	0.055117373
ENSG00000120798	0.03202922	0.033231891	0.03051581	0.031146934
ENSG00000203908	0.027876507	0.028360073	0.028503528	0.022230517
ENSG00000144895	0.022530329	0.02835733	0.029232321	0.025557583
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ENSG00000121270	0.018217655	0.026533264	0.029379688	0.017811526
ENSG00000091583	0.016217328	0.025442055	0.0255961	0.015812073
ENSG00000084092	0.021361658	0.028633255	0.028108813	0.020747037
ENSG00000213923	0.017125058	0.025344941	0.026960362	0.01631692
ENSG00000183833	0.019239206	0.024787067	0.025317154	0.015538277
ENSG00000141458	0.040699785	0.041425296	0.037446868	0.036287857
ENSG00000186716	0.017948916	0.027130869	0.026540515	0.018088151
ENSG00000165915	0.022649217	0.029977486	0.031673963	0.023907617
ENSG00000185821	0.016384465	0.025377004	0.024447033	0.015297354
ENSG00000150783	0.015708836	0.025333425	0.02552056	0.014925241
ENSG00000085117	0.040169951	0.044052523	0.044665584	0.047528506
ENSG00000172987	0.018727488	0.026477877	0.025090848	0.018510829
ENSG00000064995	0.022634019	0.030241793	0.031700211	0.018747662
ENSG00000108883	0.016740516	0.025689179	0.026740409	0.015988045
ENSG00000086758	0.038639295	0.051389796	0.035295259	0.03431607
ENSG00000175329	0.12619317	0.068121518	0.083309238	0.111268674
ENSG00000155026	0.017644746	0.027650372	0.026768016	0.017034502
ENSG00000140538	0.015482025	0.025108946	0.025016875	0.01579047
ENSG00000140262	0.035573685	0.047821161	0.038705047	0.038418113

ENSG00000171944	0.015512699	0.024751961	0.024903222	0.015438349
ENSG00000157869	0.033568168	0.034764108	0.031765546	0.025767427
ENSG00000110080	0.027729496	0.036888574	0.030214808	0.024624378
ENSG00000188687	0.015441278	0.024425817	0.024647161	0.015074358
ENSG00000123395	0.03272891	0.040945491	0.050753689	0.034750353
ENSG00000171877	0.014944934	0.025918898	0.02486895	0.015077038
ENSG00000170049	0.018478711	0.028117741	0.025960597	0.019018067
ENSG00000162819	0.020503354	0.030906974	0.027770008	0.021352726
ENSG00000250589	0.015339111	0.024897224	0.025135285	0.014495935
ENSG00000206538	0.017343204	0.024734593	0.026513352	0.016552422
ENSG00000047849	0.031706001	0.058599708	0.034961663	0.056128575
ENSG00000169758	0.024434895	0.024909965	0.024164663	0.017561951
ENSG00000132004	0.032019589	0.034378694	0.034364347	0.025942387
ENSG00000145107	0.017620426	0.024901231	0.027275121	0.023977091
ENSG00000166333	0.029225528	0.033355141	0.031268761	0.022421377
ENSG00000143554	0.05296639	0.057241308	0.046708496	0.051959977
ENSG00000147166	0.019505285	0.029052288	0.026072605	0.018555186
ENSG00000184674	0.137923293	0.181139182	0.14981277	0.159648661
ENSG00000143013	0.051578855	0.047283222	0.040826632	0.041419737
ENSG00000101204	0.016258255	0.025167383	0.025865806	0.016060177
ENSG00000129103	0.032945549	0.033066825	0.034322606	0.033353421
ENSG00000022976	0.034269845	0.03861817	0.035822439	0.029082415
ENSG00000143368	0.030335362	0.039867287	0.044261547	0.046996417
ENSG00000170891	0.022873396	0.024418895	0.024004377	0.01553168
ENSG00000206503	0.109155518	0.096839957	0.175658572	0.119251699
ENSG00000187166	0.015132072	0.025078973	0.024648156	0.014043441
ENSG00000079931	0.15976078	0.095504837	0.065737688	0.129224907
ENSG00000012211	0.017937357	0.027150622	0.025260177	0.01753003
ENSG00000198467	0.080924166	0.069601286	0.061395308	0.070183634
ENSG00000057593	0.016375653	0.02518151	0.024722183	0.016696986
ENSG00000166008	0.01561619	0.026112401	0.025574301	0.015294547
ENSG00000110195	0.016036637	0.024646988	0.024538455	0.015115765
ENSG00000184908	0.015489212	0.025132867	0.026056565	0.01564281
ENSG00000148832	0.031263772	0.034343525	0.029747985	0.031308406
ENSG00000158748	0.018208409	0.025696341	0.027649208	0.017682802
ENSG00000167114	0.016889691	0.025740103	0.024889665	0.01602357
ENSG00000108091	0.03608415	0.038575592	0.038228472	0.03265682
ENSG00000167645	0.035165985	0.034691455	0.032031591	0.029600903
ENSG00000162144	0.062673394	0.04890003	0.045007807	0.050178902
ENSG00000148225	0.018149583	0.025569344	0.025788117	0.017974886
ENSG00000171503	0.028989715	0.036032056	0.0295256	0.023710439
ENSG00000134160	0.015160273	0.024742572	0.024842956	0.014857588
ENSG00000149397	0.038092056	0.036838562	0.036993028	0.031134387
ENSG00000180720	0.015105422	0.025877635	0.024551583	0.015669543
ENSG00000107018	0.040922623	0.039105518	0.030024771	0.029810702
ENSG00000185873	0.022483949	0.025559162	0.024713572	0.016219921
ENSG00000136717	0.073117345	0.058363458	0.04961558	0.055826321
ENSG00000166225	0.017026276	0.025040906	0.025323819	0.016907891
ENSG00000172379	0.020716672	0.02766876	0.025935478	0.016878355
ENSG00000163606	0.021322213	0.027300643	0.026228225	0.017181062
ENSG00000149295	0.015395782	0.024810875	0.025410142	0.016082117
ENSG00000138741	0.014488817	0.024286107	0.024454826	0.013989463
ENSG00000132680	0.03197066	0.035103622	0.032110107	0.028209542
ENSG00000109339	0.016243821	0.025447317	0.024304286	0.014436324

ENSG00000100393	0.029758665	0.033613354	0.042874519	0.026505259
ENSG00000166833	0.019499072	0.025955927	0.026084809	0.018984697
ENSG00000175356	0.014845249	0.025379025	0.024496715	0.014763094
ENSG00000145147	0.014940996	0.024719195	0.024763416	0.014162137
ENSG00000174842	0.019743741	0.028202247	0.025777774	0.031184334
ENSG00000196313	0.02296863	0.030047222	0.029503832	0.02094145
ENSG00000140009	0.020982166	0.028046415	0.026132626	0.018540145
ENSG00000141582	0.017886852	0.027395606	0.026401848	0.018850016
ENSG00000182973	0.024498029	0.031720872	0.030617506	0.023085346
ENSG00000152422	0.039007797	0.036177761	0.0329199	0.026401093
ENSG00000172301	0.043031958	0.039721342	0.04105628	0.033655038
ENSG00000146054	0.015821337	0.025458418	0.024483515	0.014927639
ENSG00000066735	0.015934913	0.025122322	0.024544775	0.014532632
ENSG00000164344	0.01820679	0.026426734	0.027945085	0.016581249
ENSG00000136697	0.015256947	0.026209037	0.023950069	0.015684412
ENSG00000154133	0.014583448	0.024328817	0.024242412	0.014091496
ENSG00000180475	0.015911147	0.024813199	0.024247591	0.013886544
ENSG00000156265	0.104272421	0.078924847	0.059181634	0.078627335
ENSG00000122477	0.016884903	0.025632703	0.024710021	0.017676072
ENSG00000106536	0.01475986	0.02476627	0.024160321	0.01462552
ENSG00000137752	0.075161531	0.062432545	0.053391021	0.061752688
ENSG00000101342	0.021052401	0.028040812	0.030234653	0.021711382
ENSG00000172354	0.028541843	0.034663252	0.030185375	0.022634028
ENSG00000102003	0.018061164	0.027517243	0.026744547	0.017487447
ENSG00000167470	0.03300406	0.039842904	0.038351383	0.032903803
ENSG00000185905	0.034632127	0.035642416	0.036955548	0.030979558
ENSG00000183678	0.017771069	0.044872288	0.025372017	0.024135802
ENSG00000163788	0.033696042	0.03717912	0.03636423	0.033587498
ENSG00000164828	0.03043946	0.036436841	0.033979132	0.026346794
ENSG00000124181	0.045565239	0.04431741	0.043204965	0.034865451
ENSG00000109181	0.08491492	0.074337274	0.051422267	0.08303128
ENSG00000186660	0.027392641	0.034809983	0.033900755	0.026060289
ENSG00000113593	0.030778083	0.03538299	0.032132529	0.022323235
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ENSG00000135473	0.043582191	0.042576816	0.040992488	0.047633533
ENSG00000100731	0.028901478	0.040481014	0.037200514	0.030968344
ENSG00000184990	0.030987717	0.030208961	0.03155695	0.027425564
ENSG00000162086	0.034624032	0.037975364	0.043774353	0.038034295
ENSG00000198677	0.025290946	0.029585121	0.030071738	0.022327248
ENSG00000185522	0.026159718	0.037869431	0.037244475	0.038385476
ENSG00000148572	0.025612379	0.035078854	0.040615179	0.023902617
ENSG00000185978	0.015482106	0.025497561	0.023698011	0.015611022
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ENSG00000129474	0.016682558	0.024214884	0.025112406	0.015698862
ENSG00000148408	0.019076149	0.028947975	0.029205434	0.021717297
ENSG00000114019	0.016731102	0.024535865	0.024916612	0.017304026
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ENSG00000158019	0.025321077	0.030181961	0.030823568	0.024873062
ENSG00000184270	0.027714246	0.024889201	0.027795374	0.021201878
ENSG00000178971	0.033139748	0.03564792	0.035494205	0.029194919
ENSG00000186867	0.016108674	0.025363059	0.024511304	0.016793804
ENSG00000170745	0.019116234	0.025854717	0.02660372	0.016122722
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ENSG00000116731	0.030982824	0.041209661	0.036281992	0.032111557
ENSG00000187961	0.038103005	0.038832191	0.039474409	0.030751727
ENSG00000087842	0.062524708	0.042954551	0.039630655	0.04543245
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ENSG00000104856	0.035572499	0.043069849	0.041441328	0.039634525
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ENSG00000182117	0.019534147	0.027574684	0.028317668	0.020572138
ENSG00000125611	0.022876348	0.028744316	0.02863483	0.021258714
ENSG00000135424	0.017491236	0.0248556	0.025243275	0.015022639
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ENSG00000151322	0.01573722	0.025583838	0.024533186	0.014741625
ENSG00000158516	0.043340963	0.027119499	0.025312522	0.022171841
ENSG00000175155	0.015386514	0.026868559	0.02536195	0.016963928
ENSG00000105327	0.024995817	0.035711157	0.033011691	0.030705443
ENSG00000188596	0.016408489	0.025046406	0.024278867	0.015965863
ENSG00000120217	0.040841377	0.040832826	0.046336838	0.041915396
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ENSG00000112320	0.073903333	0.051804818	0.054485012	0.062112614
ENSG00000185985	0.018968457	0.024892758	0.0255355	0.016745214
ENSG00000004961	0.028762303	0.034532992	0.033318003	0.028893521
ENSG00000137098	0.017872063	0.026280766	0.026671243	0.017440024
ENSG00000184886	0.044306014	0.040952247	0.041102575	0.048936944
ENSG00000157653	0.016200483	0.025399744	0.024219363	0.015954593
ENSG00000156171	0.033818745	0.039093033	0.038509221	0.03331666
ENSG00000174358	0.015332701	0.02557141	0.025790573	0.014789758
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ENSG00000115677	0.016198547	0.026211043	0.026348933	0.016552719
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ENSG00000221880	0.017235952	0.024597332	0.026145132	0.01527371
ENSG00000120519	0.015282963	0.025076577	0.024792183	0.016612893
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ENSG00000150676	0.017229149	0.026623056	0.025257129	0.017173511
ENSG00000125877	0.030453281	0.032090123	0.032570396	0.026570349
ENSG00000105879	0.030448779	0.045200728	0.050650539	0.031044332
ENSG00000104870	0.076119256	0.049968459	0.037439788	0.0514294
ENSG00000162642	0.034627026	0.034782687	0.031967966	0.025980999
ENSG00000101440	0.017978797	0.025378633	0.026445648	0.015466455
ENSG00000130119	0.031993996	0.03265705	0.034843541	0.03017093
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ENSG00000160161	0.01615238	0.025488467	0.024887934	0.016598547
ENSG00000082397	0.08847762	0.058582183	0.048487478	0.128984914
ENSG00000076053	0.031675537	0.038401625	0.035068252	0.029206372
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ENSG00000186174	0.018872241	0.028681581	0.027151789	0.020486057
ENSG00000204209	0.024553998	0.029944529	0.034010704	0.02578751
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ENSG00000128641	0.066555877	0.070350995	0.045719094	0.05873353

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ENSG00000109208	0.014440718	0.024757911	0.024367319	0.01498757
ENSG00000141198	0.067297577	0.047207653	0.046758043	0.048684531
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ENSG00000171189	0.016339316	0.023897401	0.024998731	0.015719502
ENSG00000104827	0.016877468	0.024774986	0.025054285	0.01513201
ENSG00000105771	0.024929575	0.032094498	0.031601354	0.028142802
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ENSG00000101981	0.01726497	0.02401622	0.024355797	0.016195619
ENSG00000113196	0.02314356	0.026470828	0.024889644	0.02218443
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ENSG00000177627	0.087125761	0.035044934	0.038176282	0.062171438
ENSG00000064205	0.015084515	0.025465877	0.024688068	0.01400589
ENSG00000148943	0.032120185	0.036333537	0.036628118	0.02660163
ENSG00000144504	0.014415334	0.024583718	0.024285541	0.014577067
ENSG00000187051	0.023521971	0.028550406	0.02809898	0.020606545
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ENSG00000182646	0.029565412	0.031939245	0.031030052	0.024005956
ENSG00000187223	0.015246335	0.025183195	0.024432332	0.015504479
ENSG00000156256	0.027580354	0.033935532	0.034942111	0.029136957
ENSG00000119392	0.020993616	0.029455111	0.027148263	0.017988227
ENSG00000144339	0.019254378	0.02774011	0.027414688	0.020578165
ENSG00000145681	0.01850902	0.024583689	0.024271259	0.01513394
ENSG00000198339	0.024080632	0.032646676	0.039736395	0.030359914
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ENSG00000153495	0.017498565	0.02752296	0.024933672	0.01851231
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ENSG00000171885	0.015678342	0.024056216	0.02532605	0.015813691
ENSG00000112667	0.016150318	0.02456248	0.02523315	0.016024624
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ENSG00000184916	0.016794394	0.026265502	0.026613956	0.017896785
ENSG00000163113	0.019700095	0.028081721	0.027627555	0.020863766
ENSG00000239839	0.016391498	0.025419396	0.024267247	0.015109176
ENSG00000116132	0.018969794	0.025778847	0.025909543	0.017924494
ENSG00000141946	0.01644005	0.025374657	0.02641859	0.015049479
ENSG00000165678	0.02470089	0.030072316	0.026400006	0.026760986
ENSG00000189120	0.016062759	0.025672288	0.027331103	0.015635121
ENSG00000109458	0.024532009	0.027234681	0.028867644	0.019212877
ENSG00000169375	0.026605782	0.030526685	0.032221753	0.025001764
ENSG00000139437	0.033836834	0.043011696	0.037534552	0.031342149
ENSG00000125733	0.032576007	0.033284617	0.031354504	0.031859631
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ENSG00000243135	0.015920949	0.024891431	0.02466351	0.0145085
ENSG00000197948	0.016255015	0.024896828	0.0252212	0.015034437
ENSG00000088247	0.0234799	0.027764401	0.029669741	0.028352772
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ENSG00000143416	0.015939368	0.026112613	0.026280923	0.015062612
ENSG00000197451	0.034463868	0.034057368	0.032783093	0.0338388
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ENSG00000078403	0.021149554	0.028086435	0.026659884	0.02414396
ENSG00000159063	0.033147006	0.035217569	0.030919365	0.028604117
ENSG00000173209	0.030635935	0.042037583	0.034245302	0.032385062
ENSG00000130779	0.024625204	0.031806802	0.028546866	0.018854437
ENSG00000196998	0.033414257	0.0325093	0.037397961	0.031743674
ENSG00000167658	0.018842483	0.025690445	0.025225929	0.019416328
ENSG00000111142	0.023922595	0.030109357	0.029926574	0.02045641
ENSG00000011465	0.016842707	0.026364409	0.025065656	0.016961446
ENSG00000154640	0.03141868	0.032219554	0.031632517	0.025718317
ENSG00000086159	0.016481378	0.024919051	0.024407009	0.014953399
ENSG00000187323	0.018326044	0.027278507	0.026290577	0.017164979
ENSG00000167916	0.017887806	0.027178247	0.028050453	0.017224936
ENSG00000169427	0.016698291	0.025688252	0.026334092	0.018385859
ENSG00000161904	0.029555026	0.032167093	0.033224908	0.02752278
ENSG00000164299	0.014802942	0.025139703	0.025006987	0.014881366
ENSG00000160602	0.035691722	0.038797211	0.039087685	0.032630601
ENSG00000088053	0.016613789	0.02450749	0.024819181	0.015207609
ENSG00000106524	0.038093605	0.038557467	0.036379922	0.03115214
ENSG00000169083	0.030397623	0.025526622	0.02545124	0.017804923
ENSG00000104879	0.015690996	0.024582027	0.025265146	0.014955702
ENSG00000134283	0.02919334	0.040294411	0.031485244	0.025420502
ENSG00000149507	0.015057059	0.024228447	0.026206228	0.014849699
ENSG00000113721	0.064716056	0.066684417	0.057182793	0.051829794
ENSG00000136250	0.019469941	0.025260528	0.025707539	0.016795361
ENSG00000128626	0.015955375	0.025430532	0.025131159	0.017645216
ENSG00000197275	0.015528955	0.024634682	0.024820817	0.016544439
ENSG00000185634	0.03329468	0.033684929	0.02990229	0.025001737
ENSG00000102309	0.031523752	0.026860747	0.026492006	0.021751719
ENSG00000105509	0.016252998	0.026139475	0.025041719	0.016345194
ENSG00000163947	0.067570757	0.058942239	0.062358926	0.062777076
ENSG00000169981	0.036161248	0.065227625	0.067407879	0.051504544
ENSG00000164040	0.034070269	0.034163196	0.03515596	0.025820289
ENSG00000187908	0.017821811	0.026604063	0.0257071	0.017321923
ENSG00000132170	0.125191558	0.092222357	0.073986445	0.093286763
ENSG00000106771	0.030493629	0.035298449	0.02912682	0.028833322
ENSG00000187535	0.015571266	0.026667244	0.025801367	0.017638843
ENSG00000117643	0.029295106	0.036793549	0.034815226	0.040428376
ENSG00000164506	0.039447071	0.045361569	0.043919387	0.045014677
ENSG00000100320	0.01647093	0.025084023	0.024618234	0.01526643
ENSG00000157551	0.037243565	0.026039641	0.025647419	0.015707905
ENSG00000148400	0.046281811	0.048648677	0.041684185	0.043587849
ENSG00000101850	0.016892439	0.024569175	0.024941897	0.0157943
ENSG00000186487	0.016690771	0.025263911	0.024582195	0.015856354
ENSG00000135643	0.044067085	0.042711084	0.041184872	0.043068895
ENSG00000135637	0.019395503	0.029184404	0.025452055	0.023168194
ENSG00000143924	0.039775443	0.036886731	0.037847441	0.035054753
ENSG00000156853	0.03637793	0.043604068	0.04459203	0.035525988
ENSG00000068796	0.025752652	0.037341898	0.032653789	0.025005345
ENSG00000100380	0.026409435	0.028456361	0.027467907	0.0296406
ENSG00000072135	0.030109439	0.032697716	0.033074598	0.02917269

ENSG00000163794	0.023916737	0.028304782	0.028414714	0.026983998
ENSG00000028277	0.035367835	0.034303586	0.037196398	0.03547272
ENSG00000139289	0.024684425	0.033768988	0.027072589	0.023519539
ENSG00000138709	0.047278299	0.04453627	0.047725082	0.04636924
ENSG00000175575	0.030536543	0.038807928	0.035295873	0.022933403
ENSG00000154027	0.019023687	0.026510832	0.029379557	0.017598038
ENSG00000106031	0.017802591	0.025652983	0.024209012	0.016907397
ENSG00000185915	0.024448196	0.030000258	0.032415155	0.027371422
ENSG00000151729	0.033945876	0.032216777	0.034140298	0.030464698
ENSG00000084463	0.023138093	0.02884468	0.029407042	0.023217245
ENSG00000198408	0.022665179	0.030676162	0.029994089	0.020613637
ENSG00000241186	0.015496988	0.025366938	0.025417712	0.01661967
ENSG00000108443	0.019251559	0.026069779	0.027577484	0.020820274
ENSG00000110975	0.018602008	0.025456436	0.025980586	0.016459612
ENSG00000162341	0.050594895	0.049069381	0.043678873	0.042995141
ENSG00000132394	0.028350487	0.028785077	0.03001438	0.027596297
ENSG00000171311	0.018087468	0.026063744	0.029106739	0.017661911
ENSG00000185670	0.027866896	0.036186721	0.036884625	0.024998548
ENSG00000099219	0.044360182	0.041464234	0.037355273	0.038663117
ENSG00000148484	0.044515979	0.052036964	0.043929937	0.044689529
ENSG00000197361	0.024941611	0.028982395	0.029614264	0.025222475
ENSG00000065518	0.017732369	0.026807179	0.025757834	0.015983379
ENSG00000046651	0.035539935	0.040714875	0.039571228	0.034593966
ENSG00000179148	0.01851583	0.025198832	0.025149247	0.015075878
ENSG00000165997	0.038382195	0.043660136	0.045717241	0.038254822
ENSG00000162777	0.054706209	0.060087212	0.058771555	0.048000917
ENSG00000182472	0.047678223	0.05185399	0.042845233	0.053319412
ENSG00000241058	0.038552151	0.040185427	0.037417607	0.029474097
ENSG00000117971	0.017429712	0.025640595	0.025137239	0.015816647
ENSG00000110172	0.049936569	0.060844803	0.050693868	0.0402766
ENSG00000168701	0.030753948	0.033920913	0.038936343	0.031955538
ENSG00000091482	0.016377866	0.025576151	0.024490749	0.015335487
ENSG00000221843	0.016109762	0.024831944	0.024532139	0.015217589
ENSG00000128918	0.027025928	0.024892137	0.025378356	0.017531947
ENSG00000072858	0.037182252	0.044541898	0.035502478	0.035048982
ENSG00000143105	0.016888868	0.02609741	0.025401729	0.015592891
ENSG00000133030	0.030967279	0.035906799	0.032227477	0.02728501
ENSG00000175785	0.017058856	0.025033961	0.02628611	0.016407497
ENSG00000156689	0.04197554	0.036829007	0.030259204	0.023165845
ENSG00000183914	0.015775504	0.025966194	0.026077989	0.015295117
ENSG00000072201	0.036341481	0.041134429	0.026259869	0.016453974
ENSG00000136573	0.06130535	0.072314539	0.070715427	0.058312793
ENSG00000172005	0.105210679	0.084767058	0.079267797	0.090332721
ENSG00000170684	0.035274304	0.030712419	0.03031917	0.031900496
ENSG00000100170	0.016690807	0.026271939	0.025418281	0.016410428
ENSG00000140948	0.051475122	0.042331972	0.034922838	0.045374533
ENSG00000229676	0.030343727	0.032305183	0.03130773	0.027790999
ENSG00000100362	0.015402939	0.025790068	0.025020091	0.015601135
ENSG00000157827	0.09328674	0.068749902	0.065499946	0.071911109
ENSG00000129450	0.015062531	0.025012837	0.024628912	0.015232755
ENSG00000213339	0.032951055	0.033892467	0.030037744	0.026197654
ENSG00000160799	0.026538367	0.03013756	0.033310976	0.026725418
ENSG00000170166	0.016420761	0.024600907	0.024408824	0.015120506
ENSG00000100429	0.017992198	0.02866778	0.028137595	0.016734718

ENSG0000089597	0.030129579	0.029022022	0.035336073	0.027471863
ENSG00000144550	0.019084357	0.026369964	0.024958014	0.017147592
ENSG00000175463	0.032029943	0.030389571	0.033724995	0.03089836
ENSG00000149499	0.024720536	0.028969087	0.030785718	0.026185453
ENSG00000095203	0.016416461	0.026042629	0.025798433	0.01669305
ENSG00000185008	0.032883323	0.025671283	0.024628427	0.015910083
ENSG00000148344	0.015170888	0.02513278	0.025066724	0.014702885
ENSG00000141744	0.019828081	0.026955595	0.025979509	0.019188108
ENSG00000075975	0.025186863	0.03248365	0.035997878	0.0262369
ENSG00000183066	0.017136498	0.026261525	0.025919575	0.02330951
ENSG00000116983	0.020817332	0.02606958	0.025944572	0.017559406
ENSG00000168925	0.015138014	0.024777351	0.024789537	0.014853935
ENSG00000064012	0.039780955	0.037941154	0.033164514	0.032510351
ENSG00000184345	0.015902363	0.02554277	0.024995188	0.014683617
ENSG00000138646	0.050783771	0.047254837	0.038530112	0.038343973
ENSG00000169432	0.016189609	0.024759328	0.024619863	0.01495561
ENSG00000164144	0.026522253	0.033815939	0.030934642	0.025941343
ENSG00000180205	0.017378852	0.025472644	0.024527991	0.016758393
ENSG00000087157	0.027804117	0.032957007	0.033949165	0.02988805
ENSG00000069424	0.022408345	0.026756916	0.030535375	0.021426168
ENSG00000127328	0.034305078	0.034799816	0.03458402	0.031516253
ENSG00000198610	0.060612105	0.028476554	0.025104491	0.019524167
ENSG00000164615	0.027939046	0.031453082	0.031088016	0.023825594
ENSG00000100068	0.056342785	0.049509842	0.04205413	0.050328579
ENSG00000124155	0.032208658	0.033889649	0.034812231	0.025671488
ENSG00000196150	0.025936874	0.028212705	0.030155786	0.019822691
ENSG00000196535	0.016833066	0.026216477	0.025182141	0.014786207
ENSG00000176973	0.037793459	0.043242138	0.045842017	0.034441038
ENSG00000172232	0.016106942	0.025487339	0.02507858	0.017527053
ENSG00000134013	0.066150903	0.055503165	0.069629675	0.062237357
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ENSG00000012171	0.016187897	0.025554458	0.025101906	0.015490844
ENSG00000138686	0.031148705	0.040338192	0.034804677	0.031387748
ENSG00000115464	0.029154634	0.039187249	0.033200058	0.02589162
ENSG00000174595	0.023722734	0.026735798	0.026029227	0.021897191
ENSG00000124664	0.01601871	0.025372478	0.025884682	0.014545026
ENSG00000101004	0.061037269	0.056843017	0.066148249	0.063478724
ENSG00000013293	0.018721041	0.025899922	0.027348163	0.016729511
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ENSG00000180071	0.017766105	0.025799981	0.02527947	0.018621952
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ENSG00000011028	0.032391836	0.031608852	0.029877367	0.026134001
ENSG00000164180	0.023125031	0.029863878	0.028916239	0.020125799
ENSG00000162897	0.019436959	0.027060124	0.026618587	0.018295992
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ENSG00000176720	0.015689464	0.025805778	0.0254361	0.015448536
ENSG00000159784	0.015300761	0.025029153	0.024800376	0.016865097
ENSG00000068912	0.032350827	0.036538131	0.041602261	0.03386383

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ENSG00000090686	0.031997762	0.035415892	0.031764654	0.02489152
ENSG00000198393	0.034395772	0.035058061	0.033588509	0.027527352
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ENSG00000135457	0.041841148	0.048477559	0.036103091	0.036408646
ENSG00000183665	0.035189746	0.033032311	0.047472596	0.037100288
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ENSG00000100453	0.028209158	0.036104623	0.039449296	0.025263818
ENSG00000188613	0.019841589	0.028083705	0.027104683	0.020005317
ENSG00000160221	0.027553486	0.033858234	0.029066183	0.02979036
ENSG00000183439	0.05227931	0.040470731	0.03456834	0.036444025
ENSG00000134575	0.026710099	0.033141173	0.033405893	0.029351094
ENSG00000132002	0.042924962	0.033511989	0.031384992	0.031410931
ENSG00000214050	0.033396407	0.033135814	0.033631506	0.029735774
ENSG00000166394	0.102829957	0.077897594	0.071475001	0.085649647
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ENSG00000204889	0.018591355	0.026172696	0.026430464	0.018379504
ENSG00000130513	0.095438545	0.068142492	0.073133741	0.086714193
ENSG00000186017	0.026554004	0.030306608	0.027395373	0.024682684
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ENSG00000127419	0.037248351	0.049358989	0.040999566	0.035227903
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ENSG00000116584	0.025471491	0.031901332	0.031605379	0.025475343
ENSG00000162851	0.031183702	0.035968778	0.040248841	0.035101038
ENSG00000198108	0.017069519	0.025803622	0.024895809	0.015603572
ENSG00000170445	0.019235882	0.028517641	0.028151096	0.022328914
ENSG00000074181	0.014935958	0.024806016	0.024580006	0.014235546
ENSG00000241697	0.017204314	0.027696386	0.025227005	0.017271561
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ENSG00000154620	0.16768477	0.151314	0.138781254	0.144325397
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ENSG00000146385	0.015499549	0.024426024	0.025091811	0.016699445
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ENSG00000065989	0.062875682	0.055638865	0.067252355	0.045510524
ENSG00000189366	0.022312848	0.028645247	0.027257381	0.022850227
ENSG00000104112	0.021242587	0.028531891	0.026358927	0.022392941
ENSG00000026508	0.047665576	0.046279538	0.051361509	0.055993413
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ENSG00000212938	0.015853432	0.024866889	0.025032054	0.014838711
ENSG00000112365	0.033734381	0.035970546	0.035837092	0.029105958
ENSG00000122484	0.029933229	0.036415966	0.030090139	0.023886147
ENSG00000119661	0.019622306	0.02689981	0.026500073	0.017865272
ENSG00000080608	0.032131064	0.032529403	0.031226106	0.031085134
ENSG00000169679	0.035421465	0.042170814	0.034934856	0.028968148
ENSG00000130489	0.031033508	0.039777104	0.044782828	0.028734758
ENSG00000003400	0.016056454	0.025067597	0.025658154	0.018270594
ENSG00000107438	0.034151284	0.03356279	0.034973099	0.036118633
ENSG00000075407	0.034808591	0.035466301	0.034915857	0.035404714
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ENSG00000128699	0.056048905	0.061357819	0.059150114	0.049060717
ENSG00000149182	0.024809688	0.029226445	0.035551529	0.027095325
ENSG00000186918	0.080917183	0.047431831	0.049527861	0.05148218
ENSG00000162385	0.028956448	0.03374509	0.032214834	0.024921179
ENSG00000197696	0.036157513	0.043333356	0.037035449	0.031729826
ENSG00000165629	0.0204377	0.027066676	0.025013729	0.016477455
ENSG00000128513	0.034063902	0.040564945	0.033289995	0.037292441
ENSG00000254014	0.02700847	0.030483416	0.030781471	0.026013134
ENSG00000142875	0.016032197	0.024690629	0.026510685	0.015429753
ENSG00000100347	0.024648257	0.029253057	0.030199027	0.024137976
ENSG00000132467	0.025525503	0.03427502	0.037180552	0.026795008
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ENSG00000068137	0.046493744	0.037665133	0.041905593	0.041492168
ENSG00000129167	0.016672176	0.025534784	0.02560252	0.015198995
ENSG00000204542	0.015956323	0.025213014	0.024676829	0.017279649
ENSG00000157219	0.014695021	0.025361718	0.025484545	0.015602541
ENSG00000175697	0.017116738	0.025692256	0.027329771	0.017048237
ENSG00000179292	0.016970031	0.02522455	0.024918826	0.015426013
ENSG00000197472	0.06870288	0.040229815	0.044102909	0.050534699
ENSG00000104946	0.040294594	0.046388686	0.038702553	0.039676725
ENSG00000043093	0.030276757	0.036843816	0.034656603	0.024925407
ENSG00000115652	0.040784227	0.046089926	0.039189441	0.03961619
ENSG00000166147	0.059899927	0.063037587	0.056849933	0.069581123
ENSG00000135925	0.089151122	0.064906536	0.079263342	0.07761203
ENSG00000119681	0.017666869	0.025637698	0.024882688	0.015072945
ENSG00000167186	0.033506832	0.032398454	0.032206133	0.029335629
ENSG00000197123	0.016158999	0.024635561	0.024394164	0.015170297
ENSG00000167419	0.017575998	0.026579066	0.025121897	0.015686811
ENSG00000141524	0.033198987	0.031258695	0.035354462	0.030802323
ENSG00000204381	0.068612646	0.041460589	0.032617261	0.055680884
ENSG00000113302	0.051642451	0.039436468	0.050945636	0.044235615
ENSG00000184144	0.022645098	0.029605735	0.027849238	0.01971271
ENSG00000146776	0.015804494	0.024539591	0.025446167	0.014377249
ENSG00000112078	0.022356418	0.02857413	0.028566585	0.018769449
ENSG00000100079	0.055411051	0.025227524	0.027446656	0.016351959
ENSG00000188386	0.017971823	0.027761814	0.026684132	0.017036982
ENSG00000101966	0.03291145	0.030358459	0.034389284	0.024362821
ENSG00000130150	0.034925816	0.037722605	0.033277112	0.028141603
ENSG00000148459	0.03699216	0.035165129	0.032119221	0.038700241
ENSG00000171246	0.015966722	0.025148717	0.025769899	0.02816293

ENSG00000163161	0.022067273	0.031115379	0.034564415	0.02485458
ENSG00000168724	0.025185576	0.030362761	0.032333213	0.023540738
ENSG00000125247	0.044108855	0.040233079	0.034334179	0.033562958
ENSG00000197249	0.076297039	0.039001619	0.029153441	0.059581192
ENSG00000066084	0.036921007	0.036179821	0.037551268	0.036828292
ENSG00000130940	0.052869393	0.045571427	0.040069061	0.046703166
ENSG00000187626	0.030255706	0.035057889	0.032054389	0.023392814
ENSG00000139178	0.029492243	0.036214157	0.030848467	0.026327446
ENSG00000178538	0.022650287	0.025492181	0.025001721	0.020488665
ENSG00000213231	0.016763338	0.025151201	0.024722455	0.016020855
ENSG00000172689	0.01607832	0.02453622	0.025968044	0.016585663
ENSG00000198855	0.039780788	0.039036109	0.053372158	0.045419843
ENSG00000215018	0.018588404	0.026971826	0.027405802	0.020105152
ENSG00000135766	0.053995114	0.043475717	0.042699355	0.039945441
ENSG00000102796	0.033694772	0.033498996	0.036762031	0.028855091
ENSG00000179299	0.03538459	0.040238299	0.030087219	0.023131359
ENSG00000131873	0.032293112	0.034341709	0.032149652	0.025691006
ENSG00000074800	0.018138178	0.024816755	0.024687919	0.016464194
ENSG00000175054	0.033593266	0.039732448	0.03123267	0.029638827
ENSG00000166965	0.030754713	0.0310613	0.028300561	0.023758411
ENSG00000131711	0.059033006	0.034294442	0.026118006	0.024754547
ENSG00000172428	0.014976216	0.025359167	0.024764678	0.014272547
ENSG00000151458	0.054890945	0.044782745	0.039998559	0.042237137
ENSG00000189410	0.026339364	0.03478876	0.028839405	0.022912659
ENSG00000118557	0.017135683	0.026790704	0.025008644	0.017427048
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ENSG00000166979	0.018443488	0.026029513	0.026087777	0.016274487
ENSG00000130590	0.020463708	0.026604324	0.026081628	0.020120905
ENSG00000162009	0.016685538	0.025619288	0.024532514	0.015692798
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ENSG00000105428	0.01482555	0.024201701	0.024436796	0.014523308
ENSG00000100225	0.019952154	0.028868882	0.032422811	0.021979651
ENSG00000101746	0.073636704	0.030422622	0.025805304	0.025854292
ENSG00000091879	0.015295929	0.025189136	0.025237803	0.014198943
ENSG00000111358	0.036531835	0.044439463	0.035880226	0.042275477
ENSG00000112559	0.016393302	0.024870685	0.025731415	0.016173101
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ENSG00000171729	0.143554414	0.095664814	0.096107969	0.111462022
ENSG00000108784	0.029475181	0.031234772	0.031562486	0.024364861
ENSG00000129204	0.036246609	0.040129029	0.035915261	0.041497724
ENSG00000196233	0.034356814	0.039838125	0.045206288	0.030293374
ENSG00000125731	0.020812994	0.026948408	0.028825775	0.021327317

ENSG00000196776	0.030332558	0.041153388	0.045025017	0.035753754
ENSG00000111262	0.033601332	0.03119579	0.027715269	0.026816443
ENSG00000186160	0.015321155	0.024620806	0.025470661	0.014547293
ENSG00000103197	0.015433511	0.024965543	0.024914583	0.015981873
ENSG00000138613	0.032225995	0.04670985	0.043981876	0.028039167
ENSG00000136048	0.037263571	0.046746323	0.047896974	0.035598178
ENSG00000176155	0.015794481	0.025688755	0.025386471	0.017869246
ENSG00000134690	0.043213863	0.03761903	0.038026465	0.036421433
ENSG00000176148	0.017510423	0.026422574	0.026604441	0.017819249
ENSG00000185305	0.03013984	0.031927063	0.02897159	0.022132208
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ENSG00000171608	0.026866504	0.030840391	0.02911911	0.028268943
ENSG00000187372	0.019849936	0.026668611	0.026782568	0.018863604
ENSG00000172890	0.027667773	0.033079894	0.031247645	0.028210648
ENSG00000144747	0.038788143	0.04130449	0.042302315	0.036242942
ENSG00000180433	0.016273109	0.025441547	0.023969181	0.016096253
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ENSG00000174937	0.017012592	0.025696351	0.024363258	0.015483004
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ENSG00000179912	0.0354549	0.035407485	0.031107671	0.034009147
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ENSG00000196407	0.015800116	0.024527816	0.024891769	0.016743572
ENSG00000196557	0.023113067	0.030720972	0.030654419	0.02373514
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ENSG00000049167	0.033816072	0.039669038	0.031619954	0.029241406
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ENSG00000143801	0.039621344	0.037391623	0.037614861	0.034345696
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ENSG00000138382	0.023833321	0.029677869	0.02781799	0.019218639
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ENSG00000119559	0.028249938	0.031516365	0.026424271	0.030749484
ENSG00000106682	0.021583158	0.027672531	0.028453	0.017714886
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ENSG00000111775	0.020959239	0.026630401	0.026459409	0.017600014
ENSG00000165487	0.037704386	0.048632198	0.037000882	0.036787437
ENSG00000168876	0.026562549	0.035758164	0.031170675	0.019420479
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ENSG00000155755	0.037766864	0.037359602	0.038910549	0.044464008
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ENSG00000109255	0.01759871	0.02460317	0.025489531	0.014988495
ENSG00000100941	0.032325193	0.04542945	0.051350837	0.025657765
ENSG00000170458	0.015696379	0.024640911	0.024531805	0.015605476
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ENSG00000184005	0.019214255	0.024931215	0.025154051	0.017844819
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ENSG00000147869	0.020207218	0.03139903	0.027868331	0.021397633
ENSG00000100461	0.027363538	0.033065161	0.031226508	0.027648304
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ENSG00000110848	0.076341778	0.061147329	0.057807704	0.058220146
ENSG00000183576	0.018725057	0.026996122	0.026651894	0.018220666
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ENSG00000135912	0.015714204	0.02422803	0.024981767	0.016110345
ENSG00000185739	0.016718	0.026691546	0.025155215	0.016614043
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ENSG00000170153	0.013124972	0.0237269	0.023720956	0.012948918
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ENSG00000059758	0.029441251	0.032239376	0.033265922	0.030083311

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ENSG00000095752	0.027949281	0.029580559	0.027780476	0.017454846
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ENSG00000085231	0.02794892	0.032323139	0.030228607	0.026217775
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ENSG00000160214	0.016046402	0.02487102	0.025241509	0.014462648
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ENSG00000160339	0.017794639	0.025953641	0.026539102	0.019493034
ENSG00000135116	0.021240329	0.025675614	0.026074266	0.016336066
ENSG00000233276	0.021131575	0.029807507	0.026545427	0.0210385
ENSG00000088986	0.022797435	0.029291734	0.027410318	0.021718621
ENSG00000138172	0.070536071	0.056032266	0.045080494	0.056398896
ENSG00000116497	0.041619326	0.045686245	0.03576122	0.038039165
ENSG00000220205	0.031876873	0.044019315	0.045052286	0.029270804
ENSG00000177294	0.01537865	0.025011185	0.025065738	0.01846759
ENSG00000109321	0.07992815	0.07218331	0.066015772	0.076108612
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ENSG00000197894	0.038041431	0.038831371	0.031961584	0.032003441
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ENSG00000146540	0.032325732	0.036366389	0.031750427	0.024486394
ENSG00000120053	0.030408071	0.032001691	0.029539369	0.032160442
ENSG00000055917	0.02808847	0.034451542	0.030323689	0.024884351
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ENSG00000188130	0.031530602	0.034965863	0.034280952	0.030503166
ENSG00000197782	0.020555197	0.026285248	0.026788288	0.022656721
ENSG00000169059	0.047914493	0.029097582	0.030579193	0.029801352
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ENSG00000176946	0.025274739	0.031500096	0.029506436	0.020041301
ENSG00000130821	0.020641345	0.029508913	0.026965899	0.020760348
ENSG00000188177	0.03126108	0.039335465	0.039514519	0.036650193
ENSG00000167774	0.029363427	0.028569631	0.031751994	0.023448916
ENSG00000111012	0.036946063	0.033973208	0.035222356	0.026253874
ENSG00000175548	0.015212837	0.025130828	0.024625897	0.01530139
ENSG00000100121	0.017243087	0.025212277	0.025873687	0.015687673
ENSG00000142687	0.030108632	0.029952129	0.03035012	0.027719254
ENSG00000204335	0.013471233	0.024088832	0.023862435	0.013326197

ENSG00000177606	0.049216371	0.044820995	0.040550956	0.03851965
ENSG00000147862	0.097010405	0.050409504	0.049956644	0.059356116
ENSG00000014641	0.024156177	0.031573914	0.029545647	0.022270489
ENSG00000164162	0.030259708	0.03364997	0.031583117	0.026159837
ENSG00000197353	0.01469406	0.025798697	0.024433542	0.016328606
ENSG00000184828	0.015504772	0.025522079	0.025270521	0.015675298
ENSG00000147180	0.043789647	0.032823951	0.029734484	0.025944856
ENSG00000171109	0.038970467	0.034670929	0.040432956	0.05078068
ENSG00000120436	0.016647051	0.02468213	0.024426309	0.016521156
ENSG00000117501	0.016274619	0.025349404	0.024937156	0.015171685
ENSG00000118004	0.017874401	0.025004918	0.026463974	0.016808799
ENSG00000066654	0.023253503	0.031250513	0.031511941	0.019887319
ENSG00000154240	0.018713293	0.026596504	0.024761324	0.016256652
ENSG00000117461	0.04219742	0.050964857	0.042649929	0.042270581
ENSG00000149806	0.014217446	0.0241849	0.024106451	0.014559488
ENSG00000108509	0.01711578	0.026725406	0.025443051	0.017245658
ENSG00000125788	0.017257669	0.025209063	0.025369886	0.015730275
ENSG00000081800	0.017480654	0.027336607	0.025169729	0.018806982
ENSG00000106546	0.024312215	0.028214827	0.028323905	0.023376274
ENSG00000160294	0.02316472	0.029995303	0.031013012	0.020796368
ENSG00000118046	0.029559977	0.037057717	0.03732508	0.026399122
ENSG00000165275	0.018978457	0.02575619	0.027982767	0.018993204
ENSG00000205502	0.02165499	0.025790975	0.026807486	0.019251362
ENSG00000105229	0.026762264	0.033666685	0.034363669	0.02484568
ENSG00000135945	0.033845989	0.036171408	0.033281731	0.028481304
ENSG00000018280	0.016889666	0.026569176	0.026114835	0.017031397
ENSG00000124299	0.03381411	0.036784483	0.033872792	0.02725556
ENSG00000104219	0.056413384	0.044012408	0.046426637	0.042375466
ENSG00000143889	0.080964567	0.064727517	0.057001654	0.072217934
ENSG00000164588	0.016284752	0.026306433	0.02500222	0.015979082
ENSG00000164930	0.064364552	0.062373845	0.060703291	0.063731019
ENSG00000152749	0.035163722	0.036184055	0.030582693	0.025996881
ENSG00000009413	0.033698377	0.038362207	0.032059931	0.036505281
ENSG00000070193	0.016415731	0.024731066	0.024849692	0.015470263
ENSG00000100412	0.024129195	0.030736807	0.030966163	0.027763567
ENSG00000069018	0.015673067	0.025677845	0.025584706	0.015268325
ENSG00000115421	0.017348039	0.024737736	0.025608365	0.016419156
ENSG00000163888	0.0170005	0.02520412	0.026940922	0.016399921
ENSG00000029559	0.016175689	0.024998904	0.025901971	0.015652969
ENSG00000158428	0.01730047	0.026477709	0.026004499	0.017200649
ENSG00000136457	0.019670642	0.024760042	0.025707236	0.015308228
ENSG00000172466	0.043596865	0.052447674	0.054773362	0.053926638
ENSG00000145569	0.033518229	0.032152391	0.028044345	0.026405819
ENSG00000253598	0.015724829	0.024602255	0.024811983	0.015133063
ENSG00000103489	0.034977301	0.030452332	0.028211984	0.02599413
ENSG00000166341	0.015846765	0.025015847	0.025285042	0.016116355
ENSG00000184350	0.015495552	0.025694977	0.02439687	0.014438581
ENSG00000057252	0.041722535	0.040785884	0.037958261	0.037412468
ENSG00000047648	0.017074857	0.02533985	0.026697411	0.015024659
ENSG00000130517	0.02170442	0.027427796	0.027289899	0.024266683
ENSG00000005100	0.038096668	0.03632622	0.035587114	0.028911065
ENSG00000089820	0.030821056	0.032122282	0.036041556	0.028786417
ENSG00000167653	0.015020223	0.025544944	0.024472551	0.015625823
ENSG00000112685	0.026557942	0.03184864	0.031776413	0.025486988

ENSG00000181652	0.016401176	0.025903687	0.025640717	0.016282762
ENSG00000121083	0.037453064	0.043194773	0.043851669	0.032758953
ENSG00000198218	0.025257953	0.031214186	0.033008532	0.020340839
ENSG00000168269	0.016042469	0.024507243	0.025744333	0.015294275
ENSG00000059378	0.061550244	0.056450663	0.050099434	0.064698023
ENSG00000143512	0.014939119	0.02542937	0.024590175	0.014483675
ENSG00000132825	0.038135292	0.038533339	0.031982356	0.028151536
ENSG00000152214	0.014756017	0.024709405	0.024686561	0.016037645
ENSG00000124260	0.015100798	0.024574208	0.024844634	0.014520948
ENSG00000157766	0.016512534	0.024921262	0.024823799	0.014039391
ENSG00000165078	0.018886001	0.026265107	0.028572888	0.01571568
ENSG00000161179	0.030627687	0.030528131	0.034574792	0.027329081
ENSG00000138780	0.017448154	0.025374991	0.025656487	0.015117935
ENSG00000112306	0.020887945	0.029575353	0.029078863	0.020360731
ENSG00000141219	0.037240564	0.043220989	0.0326339	0.030507553
ENSG00000163202	0.017240328	0.025644279	0.027920637	0.01858823
ENSG00000186474	0.01470035	0.024650915	0.024881916	0.014854951
ENSG00000170379	0.019356013	0.02887523	0.028248307	0.021757596
ENSG00000184933	0.015460534	0.024564908	0.024566164	0.01436118
ENSG00000071889	0.022859533	0.030303545	0.03499064	0.029155942
ENSG00000137710	0.031554654	0.039471239	0.031962555	0.033615078
ENSG00000183150	0.025496595	0.030464625	0.027687112	0.019109438
ENSG00000178187	0.039639392	0.034212104	0.039082595	0.03576105
ENSG00000205413	0.043896408	0.050949904	0.049199773	0.044871921
ENSG00000171806	0.036917414	0.034091063	0.033626594	0.025939712
ENSG00000162972	0.025261194	0.030058063	0.029687922	0.02369151
ENSG00000132704	0.042712008	0.028766681	0.029333267	0.027141911
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ENSG00000179242	0.015340802	0.024929179	0.024899216	0.014783015
ENSG00000104611	0.018123857	0.035618293	0.03096999	0.023868161
ENSG00000174669	0.026115534	0.031902474	0.030430626	0.027562316
ENSG00000147382	0.030677111	0.032929819	0.034438445	0.034835363
ENSG00000110876	0.053548634	0.047666761	0.054835218	0.057892945
ENSG00000158623	0.036740787	0.042113379	0.039568116	0.038113493
ENSG00000154153	0.097435964	0.092903801	0.082127845	0.108040228
ENSG00000136297	0.015964859	0.025447514	0.02423782	0.015769891
ENSG00000171552	0.036864548	0.049031727	0.041263405	0.047782811
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ENSG00000111863	0.107733655	0.079441657	0.090872869	0.090565354
ENSG00000163913	0.020604294	0.027341655	0.025762291	0.019831786
ENSG00000141314	0.017832358	0.02990567	0.026656382	0.017119415
ENSG00000136699	0.016562834	0.024960602	0.024482471	0.01636934
ENSG00000147642	0.082070047	0.076573536	0.060636342	0.061157083
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ENSG00000105849	0.028365349	0.039872372	0.0396803	0.029653317
ENSG00000187699	0.105859236	0.078641426	0.065748205	0.073823965
ENSG00000167969	0.029946937	0.033018583	0.03036504	0.027097758
ENSG00000117601	0.017407498	0.026619967	0.028525319	0.017411796
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ENSG00000176410	0.029970341	0.030176694	0.030591692	0.02015153
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ENSG00000128016	0.034189794	0.034896255	0.032356885	0.028592853
ENSG00000126749	0.017591255	0.025116466	0.024726416	0.015698397
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ENSG00000122778	0.038760206	0.031401635	0.030423091	0.028704109
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ENSG00000163807	0.029565028	0.032084913	0.033338408	0.025361324
ENSG00000187735	0.024508185	0.030758548	0.029099496	0.021414259
ENSG00000111678	0.026014234	0.029310062	0.03004202	0.033438224
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ENSG00000189007	0.023031815	0.028088092	0.026066983	0.019844668
ENSG00000136875	0.025917323	0.030562499	0.033391343	0.02208469
ENSG00000114698	0.0153008	0.02448929	0.024983238	0.01440057
ENSG00000213463	0.033125974	0.040159633	0.038376219	0.029106253
ENSG00000223443	0.057706307	0.039216191	0.049577353	0.03089989
ENSG00000158615	0.039298392	0.040263356	0.044862884	0.033513859
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ENSG00000187257	0.029168306	0.039543005	0.033089556	0.0234326
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ENSG00000131002	0.199109213	0.181368706	0.170067472	0.178917334
ENSG00000129654	0.022011789	0.028203036	0.028460295	0.020581181
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ENSG00000198182	0.034224803	0.034132421	0.033663684	0.02370848
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ENSG00000111679	0.017262263	0.025635589	0.02587679	0.015763425
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ENSG00000124529	0.09748596	0.073620508	0.083060163	0.092312355
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ENSG0000083838	0.022616338	0.02632006	0.030337286	0.024980478
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ENSG0000175029	0.059857241	0.046817333	0.043166244	0.050478602
ENSG0000182247	0.031523824	0.032243988	0.030888264	0.026409767
ENSG0000109061	0.016294647	0.024172244	0.024621737	0.015914663
ENSG0000040275	0.039146754	0.041975301	0.032234361	0.032939765
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ENSG0000146477	0.016026422	0.026085255	0.024834914	0.015781003
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ENSG0000176399	0.015546992	0.026044063	0.025250578	0.016649009
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ENSG0000234127	0.022994193	0.032367263	0.038280823	0.026255138
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ENSG0000054392	0.052149913	0.045784677	0.040404688	0.043344466
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ENSG0000165113	0.044529137	0.04297645	0.035852028	0.038459884
ENSG0000213022	0.016106576	0.025701152	0.025875995	0.015353534
ENSG0000095787	0.019311938	0.027529692	0.02807459	0.020443314
ENSG0000144645	0.024299416	0.028022859	0.03405746	0.030690135
ENSG0000127481	0.027566278	0.032000774	0.036535009	0.02758831
ENSG0000141741	0.021756618	0.030608237	0.033247223	0.021547092
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ENSG0000107362	0.038954056	0.048274328	0.045266239	0.045379878
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ENSG0000196338	0.016528628	0.024862561	0.024713245	0.016337086
ENSG0000124334	0.024335972	0.027807753	0.026597485	0.020514464
ENSG0000101074	0.015526157	0.025500084	0.025217797	0.016607624
ENSG0000250506	0.019394132	0.025556256	0.026744161	0.019247818
ENSG0000112727	0.075478684	0.055714189	0.059065272	0.077978685
ENSG0000138829	0.045193579	0.025951499	0.025465377	0.019636619
ENSG0000177689	0.031310962	0.029944719	0.037037186	0.02954932
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ENSG00000140575	0.022721123	0.030553582	0.028952362	0.020102518
ENSG00000140553	0.023310302	0.029956032	0.029824924	0.029815161
ENSG00000115392	0.043808666	0.051463603	0.042952013	0.034174386
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ENSG00000088305	0.016499385	0.024334119	0.025785892	0.015966319
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ENSG00000103035	0.025747198	0.030302938	0.031918625	0.025404336
ENSG00000007001	0.014245173	0.024464119	0.025349156	0.015706876
ENSG00000183647	0.026098116	0.034960262	0.042535744	0.029898556
ENSG00000243927	0.025727676	0.030343405	0.028819966	0.020507602
ENSG00000185189	0.030257953	0.035517581	0.031610206	0.032436018
ENSG00000157020	0.024788404	0.029555825	0.032657964	0.026326517
ENSG00000173227	0.032394403	0.037930617	0.031709397	0.029182315
ENSG00000092010	0.021540986	0.028132087	0.028536978	0.017418556
ENSG00000179407	0.017426077	0.025242635	0.024625861	0.016660946
ENSG00000178814	0.020586139	0.029857172	0.026647677	0.020294448
ENSG00000185585	0.065748104	0.059683262	0.067441286	0.045516751
ENSG00000186998	0.070143496	0.058058511	0.057197098	0.062626964
ENSG00000185960	0.016191302	0.026830197	0.026232254	0.017500428
ENSG00000006555	0.015419514	0.024780963	0.025977595	0.015459951
ENSG00000111271	0.021552735	0.02808303	0.029922375	0.025031945
ENSG00000164219	0.038694029	0.044825157	0.038351665	0.038660259
ENSG00000148411	0.025228322	0.029046187	0.029561947	0.020685026
ENSG00000196724	0.023366017	0.02892108	0.026469322	0.020416392
ENSG00000002016	0.025044557	0.034370406	0.027609979	0.020900459
ENSG00000234734	0.014435425	0.025079016	0.02413197	0.014414474
ENSG00000100815	0.030671903	0.042244158	0.036999749	0.028646372
ENSG00000167525	0.019132753	0.028885847	0.027529902	0.019843564
ENSG00000167136	0.034544089	0.036886898	0.042328188	0.03402222
ENSG00000183484	0.031700591	0.062725966	0.059321968	0.045835488
ENSG00000134909	0.028527973	0.031194473	0.031109877	0.028104927
ENSG00000124571	0.030383784	0.034391027	0.030347433	0.031757831
ENSG00000123977	0.015197889	0.026697494	0.025056397	0.016725762
ENSG00000171456	0.037175288	0.038016977	0.037116012	0.033443925
ENSG00000120254	0.036751507	0.054622636	0.044415047	0.046417885
ENSG00000132334	0.015775675	0.025154977	0.02465014	0.015718227
ENSG00000174405	0.039901566	0.047698319	0.046866022	0.038377795
ENSG00000141338	0.021510806	0.027602303	0.028728655	0.018896919
ENSG00000108278	0.021243002	0.027840163	0.031111975	0.018827169
ENSG00000099940	0.042865613	0.044734499	0.035532232	0.038809217
ENSG00000008300	0.066471546	0.054299865	0.057579252	0.054215814
ENSG00000130224	0.056985689	0.025149733	0.025613832	0.015918273
ENSG00000176659	0.038725008	0.038106766	0.036243162	0.032731983
ENSG00000184845	0.016617456	0.024316842	0.024624722	0.015927213
ENSG00000137080	0.017364174	0.026308052	0.025143029	0.015178816

ENSG00000116044	0.031550014	0.041398579	0.039172205	0.030814892
ENSG00000182134	0.025271342	0.027784688	0.026413989	0.020204852
ENSG00000168955	0.017602873	0.026980775	0.026047361	0.019396778
ENSG00000147684	0.018998589	0.025241547	0.026043366	0.018469176
ENSG00000063169	0.019428303	0.028006901	0.029153202	0.019256441
ENSG00000060237	0.033192421	0.033968381	0.036088496	0.033185952
ENSG00000169895	0.031418341	0.032526359	0.033013824	0.028206775
ENSG00000196704	0.02737591	0.032708583	0.030721682	0.02594545
ENSG00000173867	0.026820799	0.030614596	0.034774235	0.027039891
ENSG00000159173	0.017317105	0.025726037	0.024434566	0.016324135
ENSG00000213903	0.016947847	0.027935068	0.024900537	0.017164403
ENSG00000213123	0.033520892	0.037638304	0.03473102	0.031025146
ENSG00000137975	0.015309981	0.024512169	0.023864544	0.015602673
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ENSG00000063978	0.02462759	0.035902924	0.034124319	0.026912821
ENSG00000247596	0.030458688	0.031683494	0.031134693	0.03121545
ENSG00000164045	0.021208247	0.025122465	0.026444984	0.018546714
ENSG00000141756	0.021056229	0.025951497	0.024051434	0.016613788
ENSG00000133985	0.027403401	0.033698504	0.028188369	0.030412069
ENSG00000125434	0.020765711	0.028401173	0.026439211	0.018893805
ENSG00000164061	0.014864514	0.025831375	0.025131338	0.015939996
ENSG00000197712	0.023967868	0.029869692	0.030125799	0.021624844
ENSG00000172113	0.024336585	0.029166691	0.031841633	0.021520642
ENSG00000196361	0.016437333	0.024422628	0.02648945	0.016388743
ENSG00000169220	0.034403725	0.042696588	0.03601222	0.035650821
ENSG00000185052	0.015236807	0.027640883	0.024692733	0.015348847
ENSG00000070444	0.03137743	0.048654044	0.056982635	0.029849601
ENSG00000018189	0.036721282	0.042211058	0.037582619	0.0326895
ENSG00000149534	0.015862226	0.025397931	0.024264988	0.014970706
ENSG00000213639	0.027310934	0.032828151	0.029456092	0.025467217
ENSG00000198093	0.047025042	0.043868357	0.038760355	0.033691697
ENSG00000099290	0.027113066	0.033173501	0.030669336	0.021624287
ENSG00000178074	0.039119819	0.041080421	0.035630908	0.047492369
ENSG00000140299	0.027219002	0.034969426	0.039666295	0.030374798
ENSG00000169682	0.030460258	0.033396023	0.031817809	0.028719979
ENSG00000147100	0.017472547	0.026898408	0.025845403	0.016792076
ENSG00000123992	0.030531738	0.02896061	0.030586702	0.023905584
ENSG00000107130	0.016869051	0.025424636	0.026034577	0.01679869
ENSG00000105366	0.028685088	0.029400976	0.028176501	0.030554917
ENSG00000151033	0.016444629	0.024966825	0.026634638	0.015156702
ENSG00000146021	0.056880783	0.053483874	0.042737903	0.046799979
ENSG00000126524	0.029963857	0.036810093	0.035983494	0.026617673
ENSG00000170734	0.042223531	0.040802262	0.0418385	0.050233676
ENSG00000122952	0.048913996	0.043662447	0.038573097	0.038401083
ENSG00000122188	0.085382439	0.068512552	0.066516547	0.072236707
ENSG00000170604	0.019783983	0.02698477	0.028965951	0.017436152
ENSG00000197165	0.016259538	0.025613408	0.025240476	0.018105707
ENSG00000180957	0.023678598	0.029319174	0.03012353	0.022421216
ENSG00000179709	0.017150762	0.024655507	0.025044776	0.015976268
ENSG00000124882	0.019585362	0.026353479	0.029974584	0.015529069
ENSG00000100167	0.015072884	0.025863077	0.025020807	0.015866222
ENSG00000067829	0.017800387	0.026939184	0.026328695	0.017201241
ENSG00000141012	0.025300219	0.031820222	0.031340925	0.033014875
ENSG00000187790	0.016533545	0.026202507	0.026060797	0.01931799

ENSG00000147144	0.048053455	0.037537279	0.038457531	0.041290223
ENSG00000084652	0.03014212	0.027693575	0.027567666	0.021575168
ENSG00000163568	0.069767584	0.067935152	0.059732039	0.050302011
ENSG00000172073	0.015644755	0.024942733	0.025689459	0.014746511
ENSG00000133962	0.018250972	0.026040814	0.025639269	0.016859076
ENSG00000163864	0.07708714	0.054918643	0.064325842	0.081195344
ENSG00000173486	0.01835741	0.027476408	0.027338924	0.016854167
ENSG00000128973	0.035153785	0.037819563	0.033847033	0.030607924
ENSG00000116990	0.019130064	0.028167557	0.026729156	0.018117002
ENSG00000159618	0.084897053	0.071025283	0.089589992	0.094341616
ENSG00000166295	0.020924766	0.028291379	0.027939517	0.018638259
ENSG00000090432	0.025966985	0.03724444	0.042275295	0.02986083
ENSG00000121680	0.027038616	0.033492036	0.031674948	0.022324635
ENSG00000120949	0.04496632	0.041707208	0.03704147	0.037674183
ENSG00000167037	0.015594469	0.025105044	0.024747036	0.014757478
ENSG00000103145	0.039055066	0.033445788	0.034738812	0.033252425
ENSG00000147573	0.048374256	0.02905515	0.027887573	0.027622329
ENSG00000026559	0.015380846	0.024978709	0.025261182	0.014654368
ENSG00000105398	0.015159193	0.024635503	0.024362781	0.014389535
ENSG00000126243	0.071914034	0.062595295	0.054130763	0.058393634
ENSG00000140022	0.019085524	0.027038312	0.027700928	0.018814695
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ENSG00000182463	0.016465446	0.025499779	0.025152991	0.017415658
ENSG00000108239	0.024481439	0.027263135	0.028484626	0.018787781
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ENSG00000078668	0.021014005	0.028271816	0.026689713	0.017668895
ENSG00000090470	0.022167943	0.029785098	0.030085597	0.023711237
ENSG00000165682	0.017148125	0.026587956	0.025416423	0.0157786
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ENSG00000103044	0.015033027	0.024406135	0.024329534	0.014705047
ENSG00000175426	0.0156513	0.024801818	0.025871092	0.01525914
ENSG00000197776	0.034888338	0.035621417	0.03201554	0.032149294
ENSG00000111664	0.016764806	0.027640724	0.02558568	0.017332796
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ENSG00000140067	0.015223654	0.024819595	0.025360813	0.015976394
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ENSG00000116288	0.018278648	0.026112825	0.025605254	0.01672842
ENSG00000158246	0.016862255	0.027436988	0.027193053	0.016174054
ENSG00000157538	0.027559027	0.034809687	0.033513898	0.03093662
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ENSG00000119699	0.018563693	0.025828754	0.025149722	0.015618154
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ENSG00000167881	0.024889469	0.028124681	0.030836189	0.020139472
ENSG00000113108	0.034024462	0.03431438	0.032748834	0.038600852
ENSG00000102265	0.045630094	0.043023208	0.042700005	0.03816963
ENSG00000187758	0.017022901	0.024487438	0.024828501	0.016746599
ENSG0000060709	0.152375573	0.110059917	0.082614657	0.114266587
ENSG00000130726	0.029461823	0.029893081	0.042165729	0.031754206
ENSG00000104490	0.086061682	0.070770828	0.075429142	0.070075419
ENSG00000105393	0.026203059	0.02910937	0.028034078	0.0205666
ENSG00000120075	0.016769181	0.027434623	0.026497074	0.021597043
ENSG00000198691	0.039499251	0.024761427	0.024558762	0.021773273
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ENSG0000020922	0.033340646	0.039719961	0.029998371	0.023409957
ENSG00000135577	0.01562687	0.025570762	0.024770817	0.014115754
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ENSG00000155719	0.02846199	0.026200334	0.024756103	0.016320992
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ENSG00000175265	0.0575396	0.048704336	0.043439794	0.054881257
ENSG00000164674	0.069182541	0.061135415	0.063928614	0.057441541
ENSG00000140044	0.050453613	0.042136	0.041538691	0.045146774
ENSG00000131831	0.016489719	0.024839165	0.025157131	0.015530194
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ENSG00000132631	0.016884075	0.02583066	0.025462281	0.017498446
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ENSG00000196263	0.017317545	0.027732684	0.028513662	0.017440811
ENSG00000189299	0.016154131	0.025676047	0.025051848	0.014468272
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ENSG00000235631	0.034340737	0.025817473	0.025538295	0.017862539
ENSG00000160783	0.034939319	0.031516965	0.035104699	0.025822316
ENSG00000172824	0.057194932	0.041312715	0.037171377	0.041413891
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ENSG00000213714	0.016996055	0.032363729	0.027113501	0.017657389
ENSG00000010292	0.04193658	0.045696984	0.044619342	0.034271033
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ENSG00000106484	0.026540706	0.033368572	0.025848104	0.023808455
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ENSG00000134602	0.031399942	0.036982844	0.032723164	0.033808134
ENSG00000174015	0.022758462	0.025655251	0.026185809	0.017714528
ENSG00000127980	0.03269289	0.040889966	0.034776318	0.027750357
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ENSG00000131747	0.038142625	0.034408389	0.032662914	0.028507161
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ENSG00000135316	0.033144351	0.035359709	0.037464339	0.038386164
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ENSG00000185630	0.015623171	0.024464895	0.025029667	0.01634429
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ENSG00000133317	0.016335742	0.025008761	0.024481315	0.015534071
ENSG00000134375	0.033996531	0.03605299	0.030538392	0.030321536
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ENSG00000111644	0.02315653	0.027317723	0.026487131	0.022916759
ENSG00000136935	0.029015101	0.03476491	0.03085935	0.028842387
ENSG00000253305	0.01912575	0.026382831	0.02575263	0.015835183
ENSG00000145431	0.062016591	0.025052651	0.025046166	0.014896925
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ENSG00000104331	0.0355779	0.037630267	0.039371811	0.032149764
ENSG00000104774	0.029202344	0.029877312	0.031851045	0.033037683
ENSG00000106304	0.019079088	0.025393289	0.025614625	0.017675894
ENSG00000102699	0.023833827	0.029569753	0.028472128	0.022039844
ENSG00000166455	0.017745102	0.025164166	0.025977809	0.017283796
ENSG00000198844	0.017983767	0.02550673	0.024428567	0.016976708
ENSG00000137404	0.050724199	0.044483073	0.04012114	0.034613157
ENSG00000081177	0.030171425	0.039496429	0.030939805	0.032752059
ENSG00000179979	0.037379149	0.032309968	0.036657305	0.024830266
ENSG00000118276	0.04283443	0.051910093	0.044660733	0.041622563
ENSG00000163346	0.049904853	0.049342748	0.039309844	0.035070688
ENSG00000115665	0.016275876	0.024933566	0.024469349	0.015497975
ENSG00000105669	0.022366816	0.026124058	0.029163948	0.020105366
ENSG00000118420	0.022348742	0.028209348	0.025141848	0.017506465
ENSG00000006534	0.02060781	0.024581199	0.025536099	0.017963989
ENSG00000109927	0.015936318	0.024756799	0.024965886	0.015759324
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ENSG00000110330	0.031191673	0.034640796	0.034841502	0.028073313
ENSG00000186350	0.043859514	0.050335238	0.040073879	0.046202645
ENSG00000143748	0.029414379	0.034421588	0.029787557	0.02558104
ENSG00000161551	0.029666728	0.031380229	0.026803543	0.029981519
ENSG00000177181	0.092155798	0.064031204	0.058249765	0.056297999
ENSG00000156232	0.03598567	0.047349905	0.046727907	0.030422178
ENSG00000055118	0.019449102	0.026444415	0.025496602	0.01666146
ENSG00000166845	0.035089817	0.037830212	0.029991324	0.025743304
ENSG00000041988	0.015869352	0.026147169	0.026249281	0.019129018
ENSG00000063660	0.015281592	0.024747462	0.024799728	0.014621698
ENSG00000240871	0.016287842	0.024476995	0.024636132	0.01457301
ENSG00000136444	0.032796425	0.031016881	0.029297267	0.021248527
ENSG00000096968	0.037305338	0.04420649	0.036371522	0.03088478
ENSG00000085644	0.025621505	0.030668346	0.033339467	0.027109068
ENSG00000116183	0.014986771	0.025281548	0.024875415	0.015075278
ENSG00000196391	0.015228614	0.025282431	0.024424353	0.01554916
ENSG00000042304	0.015606821	0.024448672	0.024930172	0.016424372
ENSG00000184786	0.015442402	0.025185625	0.024602917	0.014810828
ENSG00000131620	0.016960683	0.025528407	0.02471711	0.015109319
ENSG00000134569	0.016640654	0.025936731	0.02523356	0.016017065
ENSG00000164284	0.036992733	0.040784949	0.040531572	0.035458808

ENSG00000161973	0.016032794	0.025367566	0.024702334	0.016261524
ENSG00000105662	0.015966367	0.025879147	0.02604245	0.017247511
ENSG00000112115	0.015660075	0.02437928	0.024921375	0.015728514
ENSG00000075223	0.020802802	0.025867825	0.025156919	0.018287041
ENSG00000129351	0.043302226	0.055551111	0.040538799	0.044965912
ENSG00000198673	0.017069224	0.025240768	0.024765767	0.015836429
ENSG00000186204	0.019437765	0.025460305	0.026640186	0.01528987
ENSG00000188038	0.015690931	0.024442925	0.024541689	0.016363895
ENSG00000174111	0.016350428	0.026477164	0.026763937	0.016806926
ENSG00000078177	0.031326274	0.03243222	0.033040955	0.031624855
ENSG00000188554	0.027857597	0.032059492	0.03117239	0.028341725
ENSG00000184911	0.017804976	0.025169371	0.024566299	0.015302858
ENSG00000198959	0.055840737	0.055387024	0.048038269	0.04010671
ENSG00000151693	0.032190494	0.038336071	0.025546502	0.015419102
ENSG00000125846	0.036669214	0.04166411	0.040474774	0.034091593
ENSG00000145592	0.016192364	0.024870115	0.025156587	0.020050429
ENSG00000188282	0.021472147	0.032822608	0.027735993	0.027133852
ENSG00000124812	0.014955642	0.025230332	0.025667234	0.01405087
ENSG00000185215	0.062572952	0.054266283	0.051683855	0.072524759
ENSG00000142188	0.040111695	0.040842676	0.047481655	0.031512107
ENSG00000066855	0.034892015	0.034457486	0.034671864	0.030822084
ENSG00000182572	0.033481642	0.030031081	0.03374177	0.032393944
ENSG00000177954	0.013377519	0.023560006	0.023341876	0.014750626
ENSG00000081154	0.025833386	0.031538996	0.027646669	0.020417854
ENSG00000113430	0.019088389	0.024777524	0.025232918	0.015795557
ENSG00000104432	0.061887082	0.059007034	0.05883271	0.063832027
ENSG00000140795	0.016290655	0.024573912	0.024545688	0.015135396
ENSG00000034533	0.030561813	0.032986183	0.034511887	0.027911309
ENSG00000204657	0.018154844	0.027651009	0.029058696	0.022607495
ENSG00000136158	0.120442654	0.08991662	0.090147028	0.096454463
ENSG00000171497	0.033316608	0.03749305	0.0385186	0.030240022
ENSG00000065183	0.028987524	0.030235175	0.028911431	0.032134936
ENSG00000159433	0.03061701	0.03276231	0.032661052	0.031713771
ENSG00000034693	0.035083294	0.036715133	0.032183995	0.028791201
ENSG00000032389	0.028933324	0.033191247	0.03462808	0.029098387
ENSG00000170948	0.015229354	0.024928153	0.024592761	0.014824008
ENSG00000118308	0.044462717	0.04205501	0.05227346	0.041268514
ENSG00000130957	0.015830359	0.025506628	0.024798355	0.015404782
ENSG00000184986	0.031041468	0.033807334	0.035848454	0.025839648
ENSG00000147604	0.017388842	0.024792222	0.023902737	0.017569335
ENSG00000128383	0.025754505	0.029230465	0.029213016	0.023367321
ENSG00000153266	0.020698602	0.026781885	0.026945162	0.018042698
ENSG00000204414	0.015336957	0.024078476	0.024553665	0.015281881
ENSG00000100767	0.015859145	0.025126614	0.024940598	0.016210025
ENSG00000111254	0.021071062	0.02946399	0.027195298	0.02166751
ENSG00000176624	0.02807613	0.032968581	0.032983981	0.028235973
ENSG00000103245	0.024325165	0.031483863	0.034599848	0.027736428
ENSG00000124251	0.015169454	0.024855419	0.024931233	0.014708416
ENSG00000125352	0.033162979	0.032258473	0.032681992	0.024720518
ENSG00000039987	0.019106719	0.02537032	0.0254977	0.016944231
ENSG00000165169	0.030861883	0.032413044	0.033511577	0.031529378
ENSG00000198771	0.035242798	0.038862105	0.037243083	0.030073654
ENSG00000173578	0.01813673	0.027625289	0.027271657	0.017984686
ENSG00000070087	0.113681133	0.094735441	0.069934364	0.08898886

ENSG00000198965	0.018159065	0.026831222	0.028961097	0.016868833
ENSG00000072121	0.039192718	0.043893999	0.034710384	0.030467765
ENSG00000058404	0.020754044	0.028726049	0.027290622	0.018446044
ENSG00000213782	0.027819495	0.034008899	0.030920321	0.028323054
ENSG00000158526	0.023143115	0.030102389	0.029875513	0.022936665
ENSG00000167074	0.036853434	0.040511081	0.041028103	0.030496066
ENSG00000171860	0.01479047	0.024329447	0.024973276	0.015502528
ENSG00000188015	0.027259974	0.03071398	0.032177407	0.021679834
ENSG00000167105	0.015549884	0.025835093	0.024859578	0.015182705
ENSG00000165171	0.02717211	0.040786652	0.031689557	0.029367143
ENSG00000167535	0.017520006	0.025836502	0.025012296	0.015670746
ENSG00000185482	0.025376085	0.034237825	0.032381887	0.023307318
ENSG00000157111	0.016408318	0.024453943	0.024810144	0.015264954
ENSG00000125741	0.022060013	0.028030367	0.028198971	0.021548504
ENSG00000168539	0.01656382	0.024905599	0.025815236	0.014969846
ENSG00000187569	0.016327373	0.025056182	0.026204672	0.017660655
ENSG00000198231	0.02337534	0.030764599	0.031924714	0.02231113
ENSG00000197093	0.055801679	0.04903808	0.038803179	0.045283247
ENSG00000103363	0.019566998	0.025724412	0.026890075	0.01818065
ENSG00000137720	0.037833916	0.034629069	0.037064516	0.035923857
ENSG00000165704	0.02971255	0.034885985	0.030528832	0.024385722
ENSG00000124507	0.030618811	0.05657609	0.038991891	0.033406663
ENSG00000165659	0.018626037	0.027747622	0.025926105	0.021691523
ENSG00000104881	0.033761715	0.040272579	0.037241016	0.04497369
ENSG00000164751	0.038175624	0.031445722	0.039256741	0.033074585
ENSG00000049768	0.016179602	0.024666269	0.025025999	0.015255434
ENSG00000145685	0.045830451	0.04151948	0.036408918	0.039764499
ENSG00000163254	0.015768274	0.024943013	0.024126719	0.015020276
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ENSG00000122585	0.074009837	0.035322262	0.03016924	0.035133729
ENSG00000198055	0.01908759	0.025264256	0.026506925	0.017825415
ENSG00000169347	0.016286571	0.025151523	0.025313107	0.015777938
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ENSG00000173137	0.030108261	0.035452523	0.03091679	0.025606255
ENSG00000171425	0.024767411	0.029798731	0.033249972	0.030121145
ENSG00000115548	0.056727587	0.05205795	0.061529981	0.050029139
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ENSG00000153113	0.036930943	0.038204382	0.032539633	0.038093136
ENSG00000138100	0.019331724	0.027620843	0.027374127	0.017101951
ENSG00000147274	0.021088669	0.026877391	0.027344673	0.021920137
ENSG00000180347	0.015892899	0.025243818	0.025877367	0.015686094
ENSG00000186951	0.020198338	0.026885342	0.026711083	0.019963947
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ENSG00000138439	0.018663546	0.027219042	0.029144149	0.019810509
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ENSG00000160117	0.032429773	0.032262056	0.034497093	0.025895756
ENSG00000167984	0.015717414	0.024811563	0.02500673	0.016588167
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ENSG00000139718	0.033351641	0.03437538	0.03806162	0.028672524
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ENSG0000074410	0.015743876	0.025391188	0.025090994	0.016345473
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ENSG0000107282	0.014729724	0.02504696	0.02365675	0.014943291
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ENSG0000131375	0.035649135	0.044213244	0.035501246	0.040023003
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ENSG0000117543	0.031666207	0.032709778	0.03244199	0.026719276
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ENSG0000140853	0.034445966	0.036946645	0.033979092	0.035466732
ENSG0000006611	0.01691125	0.025773101	0.025888012	0.015610182
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ENSG0000186283	0.038530054	0.037033861	0.044218602	0.040837655
ENSG0000102245	0.01693001	0.025425213	0.025169092	0.016277704
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ENSG0000084623	0.021512661	0.028085065	0.027336063	0.017448033
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ENSG0000165879	0.021698113	0.026328724	0.025632703	0.02016349
ENSG0000081479	0.016263598	0.026114915	0.024644227	0.015234259
ENSG0000019549	0.015512862	0.025644455	0.025684218	0.015224398
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ENSG0000242419	0.014767263	0.02487402	0.024263441	0.015046753
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ENSG0000196411	0.017351665	0.027245256	0.02770455	0.016487544
ENSG0000167378	0.015843425	0.024900241	0.024797354	0.015104796
ENSG0000170832	0.035930085	0.036268365	0.035855801	0.028849321
ENSG0000119703	0.046831962	0.047503479	0.037568076	0.034066512
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ENSG0000111231	0.03287994	0.035861554	0.032905336	0.02523442
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ENSG00000183784	0.02003005	0.025740596	0.02716186	0.020051698
ENSG00000172239	0.021786356	0.029187051	0.029748526	0.026287397
ENSG00000072518	0.025760364	0.032510787	0.02999005	0.023983661
ENSG00000125991	0.020660945	0.026066647	0.028448586	0.02498125
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ENSG00000197558	0.01810098	0.027267297	0.025105814	0.022702991
ENSG00000171466	0.027900026	0.04113202	0.040515865	0.030510888
ENSG00000131096	0.016026006	0.024358791	0.025142041	0.01606513
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ENSG00000073849	0.061259886	0.055986267	0.057058327	0.059938244
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ENSG00000165379	0.015844938	0.02515214	0.024261844	0.014912554
ENSG00000119899	0.035369306	0.040095281	0.03829488	0.034671907
ENSG00000118514	0.020590765	0.027822795	0.029160763	0.023407734
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ENSG00000161791	0.029970886	0.033236823	0.028865165	0.027281939
ENSG00000102317	0.023336892	0.0280492	0.026915339	0.02834031
ENSG00000162702	0.031397847	0.037631914	0.041317277	0.029978421
ENSG00000165966	0.016346512	0.024921747	0.024481672	0.014653914
ENSG00000180509	0.015186944	0.024539025	0.024549196	0.015458189
ENSG00000184178	0.037955372	0.041202718	0.033819165	0.032970103
ENSG00000204287	0.024260103	0.032227535	0.033561349	0.033968567
ENSG00000148950	0.031431679	0.034571346	0.033456541	0.027369191
ENSG00000074966	0.030960273	0.02963791	0.030045546	0.028921163
ENSG00000088002	0.01584185	0.024518223	0.025887819	0.01558142
ENSG00000204104	0.020390619	0.02794876	0.025940538	0.018909597
ENSG00000090776	0.019579059	0.025421155	0.025151099	0.019378523
ENSG00000075420	0.05641715	0.046117598	0.047234692	0.045562845
ENSG00000184489	0.052033395	0.044805754	0.047442952	0.054547068
ENSG00000171611	0.019097192	0.029427377	0.027615637	0.017686366
ENSG00000133246	0.01734505	0.02703106	0.025781073	0.019944557
ENSG00000112494	0.01697879	0.024625738	0.027722049	0.015195202
ENSG00000180900	0.016873687	0.025114613	0.024892218	0.015224575
ENSG00000147403	0.015195385	0.024158288	0.025495025	0.015627298
ENSG00000086475	0.037759865	0.036714643	0.0324573	0.033003478
ENSG00000104447	0.018800865	0.026479449	0.026391795	0.016149261
ENSG00000155849	0.016447731	0.026052022	0.024877061	0.016679903
ENSG00000144848	0.024653662	0.030291015	0.029410466	0.020023493

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ENSG00000164176	0.019742571	0.026778177	0.024910844	0.017895006
ENSG00000161638	0.030274354	0.036729367	0.02842531	0.021678003
ENSG00000144843	0.028915639	0.038701666	0.032209334	0.028408728
ENSG00000122008	0.031880662	0.034035872	0.032205233	0.032037056
ENSG00000100053	0.016601171	0.025659755	0.025138406	0.016122814
ENSG00000171812	0.016442352	0.025440737	0.02512215	0.016440361
ENSG00000161920	0.026855735	0.032197457	0.029834113	0.02758988
ENSG00000010310	0.01910974	0.027138586	0.025860385	0.017600914
ENSG00000183090	0.01865444	0.026822933	0.025922903	0.016980941
ENSG00000161016	0.043081942	0.039963311	0.038952955	0.039524274
ENSG00000174799	0.023423203	0.027909805	0.02923873	0.020782851
ENSG00000165623	0.022746799	0.025206064	0.025694956	0.015628871
ENSG00000109332	0.022077761	0.029366372	0.028771106	0.019146652
ENSG00000114933	0.016406557	0.024696105	0.02488136	0.014491266
ENSG00000115138	0.150433371	0.095029701	0.070833142	0.103683275
ENSG00000150667	0.020202347	0.025607445	0.024474876	0.016180909
ENSG00000111731	0.035680536	0.037890243	0.032307645	0.026355457
ENSG00000184210	0.020616984	0.03521657	0.030574796	0.038180901
ENSG00000187554	0.020305332	0.027472184	0.02522849	0.015953044
ENSG00000101557	0.035692802	0.03538548	0.037340045	0.034173572
ENSG00000138794	0.036323997	0.042616467	0.041641552	0.049933929
ENSG00000152782	0.022176547	0.02769119	0.028637449	0.022276433
ENSG00000134115	0.044081143	0.024629593	0.02429247	0.01573161
ENSG00000160188	0.079041712	0.096006933	0.073060106	0.076219119
ENSG00000171223	0.017323354	0.025522612	0.025935403	0.019520425
ENSG00000140612	0.023449031	0.028971657	0.028677006	0.020093029
ENSG00000149516	0.01661774	0.026297721	0.026058402	0.017066254
ENSG00000132155	0.022700992	0.02879748	0.033305969	0.021733936
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ENSG00000124613	0.020086185	0.028365842	0.028676068	0.018412641
ENSG00000163875	0.029382272	0.032228248	0.03188932	0.026208361
ENSG00000148634	0.039062837	0.051507261	0.038085012	0.033012448
ENSG00000136866	0.069033791	0.065299178	0.051658765	0.048271863
ENSG00000116237	0.031231353	0.039366547	0.033131762	0.03511259
ENSG00000167608	0.0165074	0.026747492	0.026295713	0.017908441
ENSG00000170542	0.05943417	0.047005283	0.046433892	0.045449007
ENSG00000188739	0.05350106	0.054618028	0.041285405	0.088762827
ENSG00000130783	0.017412674	0.025278436	0.024483847	0.015839456
ENSG00000145888	0.01653341	0.025384638	0.025218525	0.015912445
ENSG00000213593	0.026515196	0.031197357	0.031880522	0.024851425
ENSG00000204052	0.016576875	0.025613298	0.025268098	0.01661239
ENSG00000074755	0.023944708	0.029467528	0.031925998	0.02332889
ENSG00000160360	0.016453202	0.025297372	0.025772652	0.017152763
ENSG00000215910	0.015135123	0.026095371	0.024774984	0.014769477
ENSG00000108262	0.018641279	0.026150444	0.027679083	0.019069715
ENSG00000180269	0.016229076	0.02446695	0.024972454	0.015347116
ENSG00000104524	0.041295968	0.037166516	0.03668682	0.04140013
ENSG00000115226	0.015764329	0.025991775	0.024647246	0.015846901
ENSG00000116353	0.027977778	0.029495848	0.031609322	0.024955604
ENSG00000169371	0.024461914	0.030349043	0.030674819	0.023226847
ENSG00000147127	0.0166735	0.025108602	0.024525189	0.016054153
ENSG00000163357	0.017204095	0.02477403	0.024971049	0.015466799
ENSG00000106077	0.015974621	0.025387978	0.024777533	0.015278437

ENSG00000159753	0.026923608	0.030389639	0.032004145	0.025903667
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ENSG00000158290	0.037950577	0.033785555	0.039708208	0.032631119
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ENSG00000168116	0.03120319	0.038188157	0.03426361	0.027988255
ENSG00000134545	0.020153009	0.027087745	0.025037436	0.019205382
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ENSG00000122912	0.031527655	0.038442791	0.03357583	0.029388425
ENSG00000151247	0.031502811	0.038716757	0.032017787	0.027072196
ENSG00000188730	0.038198329	0.02663175	0.030309242	0.026057996
ENSG00000167995	0.017104729	0.026084086	0.026911762	0.016639923
ENSG00000184698	0.015031509	0.024527933	0.025110736	0.015643262
ENSG00000021645	0.093189952	0.052176069	0.02905144	0.074128342
ENSG00000155640	0.020492746	0.027645122	0.026804189	0.017942804
ENSG00000181915	0.033389273	0.034940825	0.037187803	0.03140322
ENSG00000109685	0.019580959	0.027387156	0.025299332	0.016995194
ENSG00000165238	0.015287386	0.025118671	0.025410994	0.015253019
ENSG00000152595	0.016260891	0.025269261	0.024828576	0.01600601
ENSG00000133121	0.016538378	0.026041248	0.026076057	0.015639704
ENSG00000137942	0.022792548	0.030387556	0.034120065	0.020766241
ENSG00000215041	0.025922269	0.03166736	0.030325343	0.023310223
ENSG00000105550	0.014695709	0.024428546	0.024472435	0.015574071
ENSG00000165370	0.01517923	0.024911432	0.023946368	0.014713743
ENSG00000159055	0.0394595	0.033533514	0.033400478	0.029254872
ENSG00000119227	0.029327691	0.035515539	0.030357183	0.039467977
ENSG00000107187	0.020181867	0.025740416	0.02537801	0.018822572
ENSG00000168036	0.025358451	0.037952906	0.033753419	0.033793097
ENSG00000144488	0.087016879	0.068918639	0.055891456	0.063457263
ENSG00000066827	0.036362962	0.036062586	0.031847012	0.029129331
ENSG00000124203	0.021517898	0.027754433	0.027288482	0.022766023
ENSG00000169567	0.015596502	0.024708934	0.024595735	0.016914874
ENSG00000184302	0.016773092	0.02448622	0.025381422	0.014569316
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ENSG00000157873	0.039136198	0.039590813	0.032580561	0.035106413
ENSG00000147378	0.016463595	0.025365919	0.025120711	0.01529147
ENSG00000112238	0.027533313	0.028781838	0.029927141	0.021533176
ENSG00000164823	0.031279567	0.036110494	0.03279629	0.031101512
ENSG00000185155	0.020383688	0.029380053	0.028251392	0.019771373
ENSG00000183230	0.015989867	0.024121696	0.025021057	0.015910096
ENSG00000198502	0.104196322	0.232441204	0.210916685	0.290062123
ENSG00000177558	0.01823952	0.025938245	0.025545736	0.017789318
ENSG00000014919	0.032961649	0.036606349	0.032838693	0.024228654
ENSG00000160712	0.022609403	0.026214613	0.026327768	0.022432142
ENSG00000146386	0.02858332	0.030300698	0.030366209	0.026747683
ENSG00000170142	0.030972645	0.038120237	0.036269099	0.036872425
ENSG00000169231	0.030000939	0.032970752	0.02920569	0.035672371
ENSG00000140465	0.09099832	0.056630203	0.054360104	0.06061427
ENSG00000124343	0.015084476	0.0267858	0.025321173	0.015138087
ENSG00000168334	0.033868342	0.032816261	0.038733907	0.02388902
ENSG00000128908	0.026633722	0.030243011	0.032019612	0.023988061
ENSG00000198732	0.017577154	0.026381342	0.025530518	0.017230136
ENSG00000166188	0.02504852	0.031386178	0.033864029	0.022696047
ENSG00000182013	0.128557866	0.105524708	0.081576545	0.104223998
ENSG00000135723	0.03516283	0.037634154	0.037975142	0.035242619

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ENSG00000027847	0.034968967	0.038373772	0.03619521	0.030272571
ENSG00000159212	0.099137386	0.08406913	0.097165256	0.094978254
ENSG00000147421	0.049556294	0.034449118	0.04507739	0.065846044
ENSG00000136504	0.020459357	0.028841868	0.030981628	0.021029152
ENSG00000163273	0.016788999	0.02568177	0.026816437	0.017074102
ENSG00000129038	0.015353282	0.024069996	0.02429412	0.014978128
ENSG00000204524	0.020627755	0.032498732	0.038178103	0.021364648
ENSG00000186010	0.020958959	0.027276061	0.026217627	0.020053717
ENSG00000077454	0.037148783	0.039134186	0.032463831	0.031266844
ENSG00000178919	0.016963129	0.026482939	0.027272019	0.018479042
ENSG00000117139	0.093195217	0.05431836	0.052110556	0.057495749
ENSG00000132478	0.030288469	0.036100862	0.035138956	0.024722363
ENSG00000109118	0.015127911	0.024785993	0.025292061	0.01503171
ENSG00000185019	0.016034862	0.02548526	0.025535066	0.014542729
ENSG00000166949	0.046978391	0.045099687	0.051973616	0.051260672
ENSG00000147586	0.030428607	0.034349475	0.029897695	0.026160682
ENSG00000128242	0.033873782	0.024866157	0.026152748	0.019838381
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ENSG00000182938	0.01502288	0.025279031	0.02470298	0.014878259
ENSG00000180481	0.015743561	0.024906023	0.024320322	0.016660885
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ENSG00000135222	0.018754329	0.026927131	0.028176267	0.019008684
ENSG00000100246	0.024007312	0.031334238	0.029141969	0.02685557
ENSG00000104499	0.016128902	0.025417302	0.025390672	0.016431787
ENSG00000165233	0.04187052	0.042567	0.038967093	0.037991587
ENSG00000132842	0.035105569	0.04205681	0.029896366	0.032418828
ENSG00000148362	0.034870363	0.032092532	0.034780817	0.035420999
ENSG00000103342	0.023005686	0.028071308	0.028955004	0.021073435
ENSG00000114395	0.030360234	0.033231728	0.039925515	0.030613124
ENSG00000141086	0.022961797	0.031662291	0.032665169	0.02328658
ENSG00000170779	0.040227295	0.037946554	0.040963798	0.034610703
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ENSG00000114902	0.020354853	0.026587021	0.029002597	0.022445724
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ENSG00000169570	0.022021899	0.028340074	0.028139959	0.027282499
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ENSG00000049283	0.020774952	0.028726652	0.029997923	0.021648179
ENSG00000132294	0.02828766	0.041778702	0.034748856	0.028169403
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ENSG00000161572	0.017050717	0.027955458	0.025214711	0.01547851
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ENSG00000156966	0.015427717	0.025047121	0.025808048	0.015704916
ENSG00000135930	0.021224114	0.028594792	0.029002661	0.020526994
ENSG00000124731	0.059398313	0.03322715	0.030084278	0.025378528
ENSG00000146232	0.040952091	0.034890699	0.034007235	0.03474935
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ENSG00000138678	0.11176019	0.11151635	0.093872726	0.093400824
ENSG00000077721	0.021131184	0.024935143	0.02801482	0.021315788
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ENSG00000168288	0.020384775	0.027741026	0.029456527	0.023686731
ENSG00000128322	0.017498967	0.026212194	0.025857284	0.016015105
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ENSG00000115561	0.029754107	0.036248105	0.030969883	0.027616129
ENSG00000181450	0.015611055	0.025358266	0.0248409	0.016532365
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ENSG00000172339	0.035662045	0.034627262	0.036968417	0.038781159
ENSG00000124092	0.016069575	0.025296525	0.025024045	0.016602506
ENSG00000100227	0.022131191	0.027014086	0.029306653	0.019977784
ENSG00000167880	0.016318806	0.024117105	0.025750936	0.015994541
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ENSG00000137492	0.037168302	0.042884037	0.041320303	0.032563404
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ENSG00000162377	0.039072949	0.038838389	0.040516736	0.037957432
ENSG00000174233	0.04285394	0.039264947	0.035853666	0.036448489
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ENSG00000170468	0.047866015	0.049912428	0.050349332	0.042537469
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ENSG00000115091	0.023140107	0.03080592	0.028096755	0.022553535
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ENSG00000114383	0.025427526	0.036513317	0.039355507	0.024914873
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ENSG00000024862	0.02884675	0.0348698	0.037046905	0.029504179

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ENSG00000185838	0.047424229	0.043572082	0.037337174	0.03092747
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ENSG00000107758	0.022454175	0.029707841	0.027785128	0.019319759
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ENSG00000160993	0.021144801	0.030921464	0.030319492	0.019920508
ENSG00000157315	0.019342408	0.028301867	0.027272622	0.018037504
ENSG00000120690	0.023110975	0.030292951	0.029574912	0.018694747
ENSG00000066322	0.026442136	0.029547999	0.033486989	0.026277358
ENSG00000037474	0.024264703	0.033187882	0.033314861	0.02725881
ENSG00000112584	0.028556444	0.035605512	0.032115518	0.023318737
ENSG00000188917	0.025651705	0.02962492	0.027965232	0.021433384
ENSG00000164776	0.016436391	0.025174116	0.024704371	0.015439529
ENSG00000139890	0.029460512	0.032108662	0.0306222	0.027760563
ENSG00000121940	0.02969646	0.02988724	0.033187283	0.026754924
ENSG00000180815	0.014294964	0.024677018	0.023830366	0.015366048
ENSG00000100926	0.029234036	0.031690598	0.03469138	0.029792592
ENSG00000164626	0.086511137	0.071145729	0.050655773	0.071110768
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ENSG00000104936	0.036877361	0.036625016	0.041237409	0.029536775
ENSG00000158560	0.017192293	0.026170368	0.024401286	0.015900746
ENSG00000138279	0.019377033	0.026017703	0.026621053	0.018516307
ENSG00000163687	0.105297497	0.1136747	0.103738314	0.095369786
ENSG00000151418	0.016667414	0.024987956	0.024622246	0.017610692
ENSG00000172318	0.015887811	0.024228657	0.025330351	0.014316754
ENSG00000182158	0.017656856	0.024892563	0.025547165	0.016103323
ENSG00000184047	0.026991241	0.029983608	0.029056301	0.031456607
ENSG00000161652	0.01575747	0.025135401	0.024712543	0.015234788
ENSG00000165526	0.024362335	0.02959934	0.031665274	0.026194059
ENSG00000163635	0.016492384	0.024653766	0.025444403	0.015018722
ENSG00000153561	0.018482028	0.027495212	0.026077416	0.015745511
ENSG00000153002	0.016439916	0.024670125	0.02604774	0.015419343
ENSG00000065526	0.027917432	0.032750481	0.033906078	0.022804972
ENSG00000173848	0.033275512	0.034769452	0.03741598	0.034651715
ENSG00000051128	0.025219906	0.031121784	0.032362108	0.023932224
ENSG00000179981	0.039025249	0.042324297	0.037398782	0.030955374
ENSG00000089022	0.02506148	0.031181618	0.030114274	0.021729093
ENSG00000197410	0.021951451	0.029880319	0.026494728	0.018856572
ENSG00000146250	0.018305843	0.024667901	0.025489524	0.014975779
ENSG00000112182	0.015309845	0.024741876	0.025224575	0.014804861
ENSG00000204961	0.015638583	0.024715121	0.024667399	0.015081245
ENSG00000137251	0.054769158	0.050423256	0.05454716	0.059428859
ENSG00000128285	0.019409801	0.027165495	0.024982687	0.015770922
ENSG00000112562	0.017650582	0.025109015	0.026425087	0.015012522
ENSG00000166368	0.014811952	0.024627992	0.02478545	0.014283236
ENSG00000146963	0.028183657	0.029394199	0.029503202	0.03190401
ENSG00000164078	0.022763446	0.026824983	0.027801989	0.019080108

ENSG00000182923	<i>0.022664691</i>	<i>0.027079061</i>	<i>0.029796434</i>	<i>0.021494136</i>
ENSG00000131725	<i>0.033833498</i>	<i>0.039670757</i>	<i>0.03377578</i>	<i>0.028639978</i>
ENSG00000119509	<i>0.019397777</i>	<i>0.029536052</i>	<i>0.029120629</i>	<i>0.019157248</i>
