

Gene_Name	Ctrl- UT1_Norm alized.Read.Count	Ctrl- UT2_Norm alized.Read.Count	Ctrl- UT3_Norm alized.Read.Count	EVL- ET1_Norm alized.Read.Count	EVL- ET2_Norm alized.Read.Count	baseMean	log2FoldChange
1500004A13Rik	1645.797	2457.732	2850.94	22.90552	30.20741	1401.517	-5.136683565
Gm24598	78.95725	71.77357	108.7355	1.908793	0.915376	52.45809	-3.06564623
Ppp1r17	759.8354	742.3438	157.4075	8.589569	19.2229	337.4798	-2.482086492
Fat2	1441.739	2989.882	405.9457	17.17914	41.19192	979.1876	-2.369630129
Lhx1	342.4899	366.0452	185.3681	36.26707	36.61504	193.3571	-2.297280281
Gla1	337.3628	156.8765	246.4671	32.44948	21.05365	158.8419	-2.289867416
Svep1	434.7776	365.0199	161.5498	41.03905	17.39215	203.9557	-2.151411129
Mab21l2	89.21144	66.64689	67.31243	4.771983	10.06914	47.60238	-2.126422661
Serpina1b	59.47429	51.26684	44.52976	0	3.661504	31.78648	-2.11135487
Cbln1	2167.735	2830.955	1299.648	284.4102	431.1421	1402.778	-1.976678071
Barhl1	108.6944	257.3595	97.34413	0.954397	11.89989	95.25047	-1.8197848
Irx2	97.41479	219.4221	231.969	10.49836	33.86891	118.6346	-1.759286008
Crtam	960.8175	689.0263	51.77879	2.86319	9.153761	342.7279	-1.614843078
Mx1	116.8978	70.74824	104.5932	18.13353	2.746128	62.62376	-1.611637935
Corin	67.67765	46.14016	28.99612	7.635172	2.746128	30.63905	-1.567385991
Apol9a	47.16927	24.60808	37.28073	2.86319	5.492256	23.48271	-1.560283431
Gbp2	1045.927	263.5116	1732.518	169.8826	91.53761	660.6755	-1.553178669
Cybb	451.1843	108.6857	282.7122	51.53741	12.81527	181.387	-1.536178644
Car8	3143.934	4376.137	499.1476	301.5893	333.1969	1730.801	-1.535286749
Mab21l1	195.855	412.1854	123.2335	32.44948	54.92256	163.7292	-1.529114804
Cryz12	159.9653	230.7008	104.5932	34.35828	43.02268	114.528	-1.51366329
Cd72	229.6938	85.10295	46.60091	15.27034	13.73064	78.07974	-1.507767429
Cnpy1	2185.168	2021.964	102.522	24.81431	55.83794	878.0612	-1.507096933
Cbln3	5258.348	5202.559	350.0246	28.6319	146.4602	2197.205	-1.489893694
Irgm1	2388.201	727.9891	4889.989	493.423	326.7893	1765.278	-1.472607839
Gbp5	630.6326	237.8781	1156.738	141.2507	38.4458	440.9891	-1.463916434
Cd180	206.1092	150.7245	322.0641	63.94457	16.47677	151.8638	-1.462623526
Mybpc3	353.7695	483.959	33.13843	20.04233	18.30752	181.8433	-1.444620339
Gbp2b	982.3513	173.2819	1648.637	139.3419	50.34568	598.7915	-1.435462096
Tns4	27.68631	32.81078	13.46249	1.908793	1.830752	15.53982	-1.406847238
Gbp3	1519.671	431.6668	2329.01	321.6316	89.70686	938.3372	-1.40469786
Arhgef33	759.8354	595.7207	193.6527	89.71327	131.8142	354.1472	-1.400924888
5430421F17Rik	32.8134	47.16549	11.39133	0.954397	1.830752	18.83108	-1.397630519
Trim30d	93.31312	115.8631	257.8584	38.17586	34.78429	107.9989	-1.362781637
Nrk	138.4315	125.0911	10.35576	0.954397	2.746128	55.51578	-1.35789717
Hist1h2a1	126.1265	171.2312	217.4709	33.40388	63.16095	122.2787	-1.345174044
Atp2a3	1212.045	1459.054	555.0687	361.7163	240.7439	765.7256	-1.339060065
Trim67	1222.299	726.9638	453.5822	219.5112	238.9132	572.2539	-1.336888576
Tshz2	6911.323	3924.989	1739.767	1078.468	1020.644	2935.038	-1.336751238

B3gnt5	182.5246	159.9525	32.10285	20.99672	17.39215	82.59376	-1.328167165
Ush1g	122.0248	30.7601	75.59704	15.27034	11.89989	51.11044	-1.320454902
Ifi27l2a	139.457	191.738	207.1152	70.62534	32.95354	128.3778	-1.320057189
Olfr56	14.35586	17.43073	39.35188	1.908793	0.915376	14.79253	-1.319420831
Ly6a	1442.764	347.5892	1402.17	223.3288	270.9513	737.3607	-1.317592744
Fcgr1	731.1237	308.6264	527.1081	192.7881	93.36836	370.6029	-1.317159763
Cd274	624.4801	134.3191	1896.139	120.254	66.82245	568.403	-1.301386618
Col18a1	1358.68	1142.225	865.7414	383.6674	419.2422	833.9113	-1.293661173
Parp10	291.219	182.5099	533.3216	101.166	86.04535	238.8524	-1.283461471
Trim30a	419.3963	216.3461	344.8468	129.7979	52.17644	232.5127	-1.283424993
Tmem30b	32.8134	28.70943	14.49806	3.817586	2.746128	16.51692	-1.28004409
H2-Q2	424.5234	196.8647	335.5266	124.0715	54.92256	227.1818	-1.274051385
Ifi203	750.6066	219.4221	235.0757	118.3452	54.92256	275.6744	-1.272863906
Ccl6	316.8544	64.59622	65.24128	26.7231	14.64602	97.61221	-1.270333722
Trpv6	198.9313	143.5471	42.45861	17.17914	31.12279	86.64779	-1.270085448
Ccl12	251.2276	39.98813	141.8739	30.54069	16.47677	96.02142	-1.26371853
Dcn	1342.273	1689.755	1171.236	486.7422	562.0409	1050.41	-1.257892526
Sp140	51.27094	46.14016	55.9211	17.17914	11.89989	36.48224	-1.252011217
Adgrf4	195.855	89.2043	64.20571	25.76871	31.12279	81.2313	-1.250832699
Il20rb	153.8128	286.069	32.10285	10.49836	27.46128	101.9889	-1.243616229
Chrna6	23.58463	136.3698	149.1229	2.86319	15.56139	65.50039	-1.241524953
Ms4a6c	301.4731	87.15363	69.38358	36.26707	19.2229	102.7001	-1.240838546
Trim34a	47.16927	72.79891	125.3047	20.04233	21.96903	57.45684	-1.237014969
Cyp1b1	1300.231	514.7191	266.143	203.2865	67.73783	470.4235	-1.236241703
Ifi204	271.736	45.11482	75.59704	22.90552	5.492256	84.16913	-1.226225781
Tap1	717.7932	299.3983	2525.77	249.0975	156.5293	789.7176	-1.220749882
Gm39090	42.04217	19.4814	15.53364	3.817586	2.746128	16.72419	-1.204903226
Proser2	309.6765	197.89	107.6999	57.26379	64.9917	147.5044	-1.202926289
Il18rap	33.83882	8.202694	27.96055	1.908793	0.915376	14.56525	-1.195416331
Shisa8	305.5748	312.7277	340.7045	151.749	61.3302	234.4173	-1.192754392
Csf2rb	457.3368	125.0911	224.72	89.71327	51.26106	189.6244	-1.189427643
Aqp6	393.7608	113.8124	36.24516	28.6319	12.81527	117.0531	-1.18760157
Mybpc1	1020.292	348.6145	194.6883	121.2084	123.5758	361.6757	-1.187003614
C1rl	36.91508	35.88679	39.35188	5.726379	12.81527	26.13908	-1.185958111
Lpo	89.21144	95.35632	41.42304	25.76871	13.73064	53.09803	-1.185029998
Mdfi	115.8723	181.4846	42.45861	30.54069	21.96903	78.46505	-1.181504477
Rsad2	1080.791	106.635	211.2575	81.12371	39.36117	303.8338	-1.180076826
Mical2	750.6066	220.4474	167.7633	90.66767	90.62223	264.0214	-1.1770958
Psmb8	361.9729	230.7008	1421.846	174.6546	79.63772	453.7623	-1.175818333
H2-Q4	967.9954	355.7919	2640.719	303.4981	268.2052	907.2418	-1.171241693
Tlr2	661.3952	133.2938	183.2969	91.62207	35.69967	221.0615	-1.168164674
B3gnt7	97.41479	76.90026	52.81437	20.04233	27.46128	54.92661	-1.168037023
Slfn2	270.7106	93.30565	102.522	43.90224	42.1073	110.5096	-1.167809721
Dao	358.8966	155.8512	46.60091	0.954397	19.2229	116.3052	-1.167104972

Col6a5	721.8949	322.9811	267.1786	89.71327	170.26	314.4056	-1.166433585
Ghsr	69.72848	10.25337	90.0951	5.726379	6.407633	36.44219	-1.163434777
Casp1	166.1179	158.9272	228.8623	70.62534	69.56858	138.8203	-1.162260415
Flnc	4596.953	720.8118	214.3642	181.3353	154.6986	1173.633	-1.157756381
Slc22a21	315.829	107.6604	168.7989	38.17586	74.14546	140.9219	-1.154809256
H2-D1	4785.63	3491.272	10265.66	2176.024	1913.136	4526.345	-1.149126116
Gm37407	117.9232	22.55741	23.81825	7.635172	4.57688	35.30218	-1.144455028
Gfap	73906.04	34556.93	20359.42	14497.28	12357.58	31135.45	-1.142905493
Adcyap1	3897.617	382.4506	1144.311	377.941	294.7511	1219.414	-1.142657866
Slc22a7	49.22011	31.78544	28.99612	4.771983	11.89989	25.33471	-1.141844976
Zic1	3748.931	3655.326	2545.446	1297.979	1416.087	2532.754	-1.141728392
Gm43713	20.50838	11.2787	21.74709	1.908793	0	11.08859	-1.141638416
Gbp7	625.5055	413.2107	2364.22	334.9932	143.714	776.3286	-1.138677367
Cnga3	52.29636	123.0404	40.38746	21.95112	11.89989	49.91505	-1.138281713
Nusap1	104.5927	97.40699	47.63649	31.49509	16.47677	59.52161	-1.137236782
Gm44751	78.95725	48.19083	44.52976	20.04233	14.64602	41.27324	-1.133766958
Lilrb4	99.46563	39.98813	78.70377	25.76871	14.64602	51.71445	-1.132836851
Ret	1359.705	516.7697	1092.533	170.837	436.6344	715.2958	-1.131252244
Gbp9	303.524	425.5148	1144.311	227.1464	108.9298	441.8852	-1.13120538
Fam107b	1838.576	648.0128	533.3216	314.9509	292.005	725.3733	-1.128612348
Tll1	402.9896	206.0927	188.4748	116.4364	51.26106	193.0509	-1.122424195
Ptx3	334.2866	234.8021	15.53364	23.85991	10.98451	123.8933	-1.117799454
Klk6	490.1502	625.4554	254.7517	151.749	175.7522	339.5717	-1.115742588
Mustn1	216.3634	70.74824	93.20183	35.31267	38.4458	90.81438	-1.113262965
Usp18	295.3206	147.6485	251.6449	105.938	36.61504	167.4334	-1.112080821
Cd44	5034.807	1199.644	385.2342	464.7911	177.583	1452.412	-1.107229322
Clcf1	1634.518	275.8156	144.9806	125.9803	75.97621	451.4541	-1.102615513
Cd93	1768.848	692.1023	325.1708	292.0453	202.2981	656.0928	-1.100892477
A530083I20Rik	45.11843	41.01347	57.99225	16.22474	15.56139	35.18206	-1.099182477
Parp9	552.7008	235.8275	551.9619	181.3353	137.3064	331.8264	-1.098884503
Ifit1	378.3796	234.8021	512.6101	163.2018	32.95354	264.3894	-1.097155106
Lgals3	631.658	424.4894	90.0951	116.4364	43.93805	261.3234	-1.096732796
Tnfaip2	195.855	44.08948	131.5181	34.35828	31.12279	87.38874	-1.094192972
Vdr	103.5673	47.16549	66.27686	23.85991	22.8844	52.75079	-1.092091082
Bst2	391.71	308.6264	666.9109	209.9672	113.5066	338.1442	-1.091693546
Lat2	436.8284	111.7617	172.9412	78.26052	59.49945	171.8583	-1.090433268
Gm38257	83.05893	24.60808	13.46249	5.726379	3.661504	26.10348	-1.087622797
Mmp19	96.38937	59.46953	33.13843	19.08793	16.47677	44.91241	-1.085074649
Csf2rb2	523.989	78.95093	222.6488	67.76215	66.82245	192.0347	-1.074700458
Epcam	26.66089	17.43073	12.42691	1.908793	3.661504	12.41776	-1.074566783
Knstrn	130.2282	58.4442	53.84995	29.58629	18.30752	58.08323	-1.074371322
Il31ra	20.50838	46.14016	45.56534	9.543965	10.06914	26.36539	-1.073360407
Gm2694	292.2444	320.9304	162.5854	48.67422	124.4911	189.7851	-1.072041082
Serping1	941.3345	815.1427	877.1328	474.3351	164.7677	654.5426	-1.071563585

Ctsc	1015.165	657.2409	945.4808	434.2504	282.8512	666.9976	-1.070439939
Hhex	169.1941	75.87492	82.84607	34.35828	39.36117	80.32691	-1.07015426
Gm43138	27.68631	46.14016	34.174	10.49836	10.98451	25.89667	-1.068774407
Gbp6	124.0757	55.36819	953.7654	48.67422	23.79978	241.1367	-1.065675467
Il13ra2	24.61005	21.53207	28.99612	4.771983	0	15.98205	-1.065375724
Otop2	75.881	52.29218	83.88165	30.54069	8.238385	50.16678	-1.06505622
Lhx5	60.49971	88.17896	158.4431	4.771983	34.78429	69.33561	-1.062943848
C4b	7252.788	6698.525	13782.48	3754.596	3604.751	7018.628	-1.062833944
Msx2	63.57597	59.46953	22.78267	15.27034	3.661504	32.952	-1.060479182
Nxf7	444.0064	199.9407	79.73934	60.12698	68.65321	170.4933	-1.060197229
Igfbpl1	151.762	90.22964	75.59704	43.90224	31.12279	78.52274	-1.058832735
Neb	675.751	194.814	168.7989	109.7556	86.96073	247.216	-1.056969601
Phf11d	64.60139	65.62155	142.9095	34.35828	24.71515	66.44117	-1.056828133
Gm34248	33.83882	14.35471	9.320183	1.908793	1.830752	12.25065	-1.05606789
Icam1	994.6563	271.7142	299.2814	201.3777	85.12998	370.4319	-1.055882008
Ppm1j	103.5673	51.26684	128.4114	32.44948	31.12279	69.36356	-1.05474624
Gpnmb	273.7868	257.3595	239.218	137.4331	55.83794	192.7271	-1.053805114
Cxcl10	910.572	52.29218	469.1159	37.22146	1.830752	294.2064	-1.052666293
Enpp1	427.5997	744.3945	353.1314	251.9607	102.5221	375.9217	-1.050574096
Ddr2	950.5633	979.1966	713.5118	480.0615	186.7367	662.014	-1.049791459
Rel	1365.858	263.5116	253.7161	170.837	131.8142	437.1473	-1.04412093
Zfp750	30.76257	33.83611	30.0317	8.589569	10.98451	22.84089	-1.043317364
1110002E22Rik	302.4986	208.1434	137.7316	76.35172	89.70686	162.8864	-1.043000315
Fbln2	1576.069	527.0231	545.7485	334.9932	262.7129	649.3093	-1.042668784
Ltbp2	682.929	146.6232	65.24128	67.76215	26.54591	197.8203	-1.040946583
Ldlrap1	639.8614	316.8291	224.72	140.2963	143.714	293.0841	-1.040409831
Adh1	49.22011	15.38005	14.49806	4.771983	1.830752	17.14019	-1.038734161
Gm45137	140.4824	16.40539	27.96055	7.635172	7.323009	39.9613	-1.034690531
Ebf3	256.3547	632.6328	397.6611	202.3321	46.68418	307.133	-1.032246105
Gm12294	60.49971	20.50674	15.53364	5.726379	5.492256	21.55174	-1.032171156
Megf11	2094.931	1581.069	1096.675	717.7062	628.8634	1223.849	-1.032089523
Gjb2	1072.588	923.8284	533.3216	439.9768	154.6986	624.8827	-1.030777286
Tgfb1	1550.433	439.8695	177.0835	174.6546	159.2754	500.2633	-1.030257468
Prdm6	35.88966	87.15363	24.85382	14.31595	9.153761	34.27336	-1.029999285
Gm13736	347.617	255.3089	36.24516	52.49181	37.53042	145.8386	-1.028707051
Trim21	254.3039	199.9407	488.7918	138.3875	94.28374	235.1415	-1.02860421
Nlrc5	239.948	73.82425	2048.369	83.0325	28.37666	494.7101	-1.026415779
Oasl1	116.8978	32.81078	33.13843	14.31595	1.830752	39.79873	-1.024253524
Hk2	767.0133	417.3121	283.7478	233.8271	100.6914	360.5183	-1.023882299
Phex	106.6436	107.6604	66.27686	27.6775	43.02268	70.25619	-1.02191373
Ms4a4a	73.83016	26.65876	10.35576	5.726379	3.661504	24.04651	-1.021759849
Bcl3	562.955	104.5844	62.13455	55.355	30.20741	163.0473	-1.021305063
Nid1	1264.341	1096.085	679.3378	539.234	247.1515	765.23	-1.020268138
Pkp3	70.7539	38.9628	13.46249	6.680776	9.153761	27.80274	-1.018384877

Pax5	22.55922	12.30404	38.31631	5.726379	1.830752	16.14734	-1.017939404
Lingo4	87.1606	104.5844	68.34801	40.08465	27.46128	65.52778	-1.017759463
Nt5c1a	224.5667	154.8259	185.3681	96.39405	59.49945	144.1308	-1.016404394
Fgl2	296.3461	195.8393	563.3533	164.1562	48.51493	253.642	-1.016290033
Cxcl13	148.6857	15.38005	42.45861	12.40715	6.407633	45.06784	-1.01603438
Plscr1	281.9902	177.3833	156.372	103.0748	54.00719	154.5655	-1.015851234
Uncx	47.16927	115.8631	45.56534	1.908793	20.13827	46.12895	-1.015839223
Nlrp3	358.8966	45.11482	64.20571	35.31267	16.47677	104.0013	-1.015098868
Igsf10	272.7614	228.6501	431.8351	118.3452	139.1372	238.1458	-1.013856399
Gcnt4	1553.51	883.8403	305.4949	280.5926	302.9895	665.2854	-1.012031699
Hmox1	2560.471	392.704	199.8661	181.3353	183.0752	703.4903	-1.009658729
Rtp4	289.1681	215.3207	600.634	166.065	96.11449	273.4605	-1.009450686
Ifitm3	1960.601	1036.615	1014.864	704.3446	315.8047	1006.446	-1.005867554
Zfp385c	261.4818	222.4981	52.81437	17.17914	64.9917	123.793	-1.005702411
Sp5	56.39804	46.14016	13.46249	10.49836	3.661504	26.03211	-1.005677641
Zic2	1543.255	1524.676	881.2751	616.5402	530.9181	1019.333	-1.000911532
Htr1b	429.6505	217.3714	846.0655	1477.406	1288.85	851.8686	1.00551371
Pkp2	190.7279	150.7245	341.74	348.3547	919.0376	390.117	1.009089243
Gm10420	4.101675	8.202694	8.284607	20.04233	35.69967	15.26619	1.010696412
Gm44266	0	2.050674	4.142304	10.49836	50.34568	13.4074	1.012021825
Gm20627	3.076257	8.202694	13.46249	35.31267	34.78429	18.96768	1.030807428
Gm13302	10.25419	4.101347	4.142304	16.22474	48.51493	16.6475	1.035710017
Vegfd	21.5338	47.16549	85.9528	142.2051	181.2445	95.62033	1.039786473
Hrh3	3199.307	3055.504	3721.86	6818.209	7761.474	4911.271	1.046914718
Gm4796	2.050838	1.025337	2.071152	13.36155	16.47677	6.997129	1.047189631
Tekt4	33.83882	11.2787	23.81825	52.49181	103.4375	44.97302	1.050039608
Lrrc10b	221.4905	148.6738	1626.89	2678.037	3943.44	1723.706	1.056318026
Fpr2	21.5338	10.25337	8.284607	37.22146	60.41482	27.54161	1.060884048
Rasd2	2473.31	2886.323	7590.771	10594.76	14236.84	7556.401	1.065922724
Hpca	12458.84	16266.97	18606.19	26484.5	51609.82	25085.26	1.066131166
Tnfrsf25	69.72848	103.559	115.9845	235.7359	246.2362	154.2488	1.094023173
Tmem72	20.50838	8.202694	18.64037	9.543965	287.4281	68.8647	1.094849594
Gm48678	7.177932	8.202694	18.64037	37.22146	51.26106	24.5007	1.097042134
Ppp1r1b	6985.153	5695.746	20805.76	31248.85	41297.19	21206.54	1.127336332
Folr1	7.177932	6.152021	4.142304	6.680776	122.6604	29.36269	1.139380419
Gm43267	10.25419	36.91212	27.96055	107.8468	77.80697	52.15613	1.155003331
A330023F24Rik	825.4622	715.6851	824.3184	1188.224	3538.844	1418.507	1.174088865
Gm15624	24.61005	44.08948	79.73934	124.0715	233.4209	101.1863	1.183419897
Gm47113	8.203351	37.93746	95.27298	302.5437	209.6211	130.7157	1.183604967
A330015K06Rik	32.8134	18.45606	19.67594	27.6775	256.3053	70.98564	1.189170523
Has1	19.48296	16.40539	24.85382	73.48853	56.75332	38.1968	1.191823737
Rtp1	18.45754	9.228031	26.92497	63.94457	84.2146	40.55394	1.270054969
Tmprss6	19.48296	19.4814	13.46249	35.31267	134.5603	44.45996	1.272347116
Scn10a	7.177932	1.025337	18.64037	42.94784	156.5293	45.26416	1.291791693

Obscn	388.6338	148.6738	357.2737	829.3706	1231.181	591.0265	1.319445413
Gm34655	8.203351	19.4814	23.81825	86.85008	64.9917	40.66896	1.34060597
Rps3a2	177.3975	201.9913	109.771	502.0126	517.1875	301.672	1.362422478
Prss41	32.8134	29.73477	44.52976	102.1204	158.3601	73.51168	1.412690855
D430036J16Rik	36.91508	15.38005	48.67207	388.4394	72.31471	112.3443	1.427748375
BC049352	12.30503	20.50674	26.92497	91.62207	80.5531	46.38238	1.461208059
Gm45187	2.050838	8.202694	4.142304	23.85991	80.5531	23.76177	1.46773745
Mettl11b	2.050838	4.101347	4.142304	25.76871	40.27655	15.26795	1.544996183
A230087F16Rik	6.152513	19.4814	8.284607	107.8468	108.0144	49.95594	2.021713089
Gm19439	97.41479	66.64689	33.13843	287.2734	1184.497	333.794	2.0479466
Rps2-ps10	35.88966	55.36819	43.49419	2033.819	2587.768	951.2678	4.896837972

pvalue	padj
3.3E-55	5.05E-51
1.05E-13	1.07E-09
6.3E-09	3.21E-05
3.69E-08	0.000141
2.17E-10	1.66E-06
1.8E-09	1.1E-05
1.47E-07	0.000451
1.32E-07	0.000449
8.78E-07	0.002444
2.71E-08	0.000119
2.48E-05	0.044734
2.81E-05	0.0467
0.000147	0.187801
0.000174	0.212823
0.000265	0.284969
0.000275	0.284969
0.000283	0.284969
0.000356	0.302827
0.000355	0.302827
0.000223	0.262675
7.11E-05	0.098963
0.000456	0.33196
0.000401	0.322705
0.00045	0.33196
0.000551	0.366777
0.00066	0.418209
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0.000772	0.463275
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0.00109	0.515987
0.00067	0.418209
0.00106	0.515987
0.000803	0.463657
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0.003017	0.91315
0.001202	0.549251
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0.003043	0.91315
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3.67E-06	0.008031
0.0015	0.612087
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0.003932	0.999052
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0.005584	0.999052
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3.05E-05	0.0467
0.000146	0.187801
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0.000612	0.39848
0.000343	0.302827
1.34E-06	0.003421
1.48E-06	0.003481
1.25E-60	3.83E-56