

ID	logFC	AveExpr	t	P.Value	adj.P.Val
cg17214100	-0.886204884	1.304366858	-8.52980544	1.29829E-08	0.009196867
cg21114836	-0.791815647	3.441244047	-7.487396329	1.23215E-07	0.030923513
cg11513962	-0.660219501	4.107970995	-7.218211067	2.25538E-07	0.030923513
cg03437106	-1.116279939	-0.33275447	-7.184186113	2.43613E-07	0.030923513
cg12653894	-0.669674057	3.026992036	-6.997344113	3.73008E-07	0.030923513
cg20901257	-0.759577762	3.507830884	-6.920582581	4.44933E-07	0.030923513
cg16243402	-0.833306269	1.420232909	-6.872860976	4.96667E-07	0.030923513
cg02921735	-0.716123508	3.371230505	-6.832257006	5.45519E-07	0.030923513
cg15938442	-0.811364533	1.665682702	-6.782963363	6.11498E-07	0.030923513
cg16496450	-0.69538502	3.017761083	-6.717538615	7.11886E-07	0.030923513
cg02974898	-0.643692956	-0.268220083	-6.715911836	7.14586E-07	0.030923513
cg04689698	-0.991549557	-1.040191709	-6.629335242	8.7453E-07	0.030923513
cg03309025	-0.912331182	3.005910054	-6.622143034	8.89364E-07	0.030923513
cg04769423	-0.530253593	3.097850592	-6.603172147	9.29741E-07	0.030923513
cg22265078	-0.994117173	2.744555035	-6.591035092	9.56551E-07	0.030923513
cg11406453	-0.900550878	-1.890098128	-6.589655484	9.59648E-07	0.030923513
cg06126727	-0.57929999	3.208708015	-6.558204365	1.0331E-06	0.030923513
cg14982506	-0.666349671	3.561206401	-6.51958523	1.13122E-06	0.030923513
cg00403661	-0.774730354	2.957438072	-6.515311468	1.14264E-06	0.030923513
cg01417946	-0.760604037	2.672105059	-6.48377424	1.2307E-06	0.030923513
cg06605063	-0.669724016	4.066616968	-6.480065548	1.2415E-06	0.030923513
cg02706742	-1.105302462	-3.197911588	-6.461639932	1.29662E-06	0.030923513
cg11541225	-0.813262803	3.14714646	-6.457232597	1.31017E-06	0.030923513
cg10244976	-0.702551173	-0.998312668	-6.442856431	1.35538E-06	0.030923513
cg15935247	-0.71279227	-1.596302928	-6.440368471	1.36336E-06	0.030923513
cg13552681	-1.139373895	0.329046204	-6.403407181	1.48781E-06	0.030923513
cg02488942	-0.65353809	-2.06574673	-6.384597792	1.55553E-06	0.030923513
cg20770936	-0.605461055	4.276964208	-6.38227128	1.56412E-06	0.030923513
cg09085411	-1.040987319	1.884806454	-6.327892045	1.77937E-06	0.030923513
cg20046743	-0.703444729	-0.915744928	-6.301585834	1.89413E-06	0.030923513
cg14300418	-0.796302689	2.384097266	-6.298095193	1.90991E-06	0.030923513
cg18165914	-0.580786094	-0.120475767	-6.278293221	2.00203E-06	0.030923513
cg03591606	-1.118822338	-2.708802101	-6.274877569	2.01837E-06	0.030923513
cg17844690	-0.749969338	2.546785263	-6.263679155	2.07291E-06	0.030923513
cg05779818	-0.654567548	3.398836582	-6.259702839	2.09263E-06	0.030923513
cg03404502	-1.042659598	3.141557707	-6.23812919	2.20304E-06	0.030923513
cg06859734	-0.541384106	3.93157464	-6.232394695	2.23338E-06	0.030923513
cg07463167	-0.8778201	1.754436516	-6.229411406	2.24932E-06	0.030923513
cg10164186	-1.001487306	2.475278126	-6.228709292	2.2531E-06	0.030923513
cg21529827	-0.875194667	2.039869063	-6.228282949	2.25539E-06	0.030923513
cg18733925	-0.607331417	3.336745627	-6.218531137	2.30848E-06	0.030923513
cg14415559	-0.864479286	2.051453831	-6.212702645	2.34083E-06	0.030923513
cg20576989	-0.601065347	3.942620706	-6.192983615	2.45371E-06	0.030923513
cg05297929	-0.617376772	4.380491553	-6.176015366	2.55528E-06	0.030923513
cg12157852	-0.748636396	0.662016022	-6.172173271	2.57887E-06	0.030923513
cg09470907	1.850944973	1.520469316	6.166400686	2.61473E-06	0.030923513

cg00798167	-0.673980945	3.452778383	-6.145987268	2.74566E-06	0.030923513
cg08413196	-0.460100975	4.064793615	-6.13985971	2.78625E-06	0.030923513
cg08418508	-0.603245499	3.241757868	-6.135107447	2.81816E-06	0.030923513
cg22934200	-0.631656929	-0.512663218	-6.131024353	2.84586E-06	0.030923513
cg03321196	-0.830941287	-0.17754014	-6.129826529	2.85404E-06	0.030923513
cg19208718	-0.564944564	3.924102033	-6.122014297	2.90799E-06	0.030923513
cg22882201	0.771417481	-4.378689343	6.111507197	2.98219E-06	0.030923513
cg22747531	-0.680026536	3.060622832	-6.110635397	2.98843E-06	0.030923513
cg16650125	-0.598608053	4.316589824	-6.110040089	2.9927E-06	0.030923513
cg16141839	-0.903798946	2.456317244	-6.105500288	3.02547E-06	0.030923513
cg06014765	-0.760057117	3.267761421	-6.10500261	3.02909E-06	0.030923513
cg10406360	-0.519802653	0.023716641	-6.094413339	3.10705E-06	0.030923513
cg02534444	-0.57967434	3.874457116	-6.090615927	3.1355E-06	0.030923513
cg17080740	-0.604591374	0.118866845	-6.086251559	3.16853E-06	0.030923513
cg19762178	-0.611782556	3.731935006	-6.085351998	3.17538E-06	0.030923513
cg05324590	-0.949204863	2.117329003	-6.078720765	3.22636E-06	0.030923513
cg08998414	-0.648636047	2.791463961	-6.073389538	3.26795E-06	0.030923513
cg23483562	-0.520613614	3.547053517	-6.072020149	3.27872E-06	0.030923513
cg09784342	0.78683536	-2.541109964	6.063991886	3.34259E-06	0.030923513
cg19427807	-0.8323054	2.568366825	-6.06013783	3.3737E-06	0.030923513
cg00833747	-0.61232684	-0.692159337	-6.057861911	3.39221E-06	0.030923513
cg26570804	-0.802723275	0.938432522	-6.052771805	3.43399E-06	0.030923513
cg10411510	-0.732817445	0.995213611	-6.050547097	3.45241E-06	0.030923513
cg14066626	-0.681716126	-1.76399012	-6.049194916	3.46366E-06	0.030923513
cg01726273	-0.788663207	-1.446587963	-6.046603957	3.48531E-06	0.030923513
cg19177422	-0.768656355	3.076720063	-6.035369709	3.5808E-06	0.030923513
cg13535449	-0.608805684	3.803138795	-6.033310692	3.59859E-06	0.030923513
cg06910290	-0.634674543	-0.043490268	-6.025372893	3.66802E-06	0.030923513
cg22084647	-0.667627535	3.828461882	-6.02282471	3.6906E-06	0.030923513
cg20237890	-0.649535676	3.668374111	-6.022456672	3.69387E-06	0.030923513
cg04639988	-0.660905092	-2.193142079	-6.011126577	3.79606E-06	0.030923513
cg01759026	-0.686262562	2.13389608	-6.007694075	3.82759E-06	0.030923513
cg24602838	-0.697726417	0.565576575	-5.990326134	3.99124E-06	0.030923513
cg14799129	-0.795138386	2.334153908	-5.981206876	4.08E-06	0.030923513
cg11541587	-0.826256559	3.459594024	-5.979685759	4.095E-06	0.030923513
cg22843026	-0.546014845	3.792121447	-5.979650219	4.09535E-06	0.030923513
cg17625635	0.791411808	2.88421883	5.974685884	4.1447E-06	0.030923513
cg15443378	-0.631231439	3.506200715	-5.967681808	4.21536E-06	0.030923513
cg02947772	-0.547757911	3.637183465	-5.964598693	4.24685E-06	0.030923513
cg06636431	-0.632948835	3.958610845	-5.963438002	4.25877E-06	0.030923513
cg00159230	-0.6758577	3.541359487	-5.958899196	4.30569E-06	0.030923513
cg07632939	-0.644345882	-0.101698673	-5.958495646	4.30989E-06	0.030923513
cg08943895	-0.678742082	2.602067061	-5.95748696	4.3204E-06	0.030923513
cg04261937	-0.942935761	1.454907622	-5.954960859	4.34684E-06	0.030923513
cg12869362	-0.584850182	-3.081725417	-5.951409365	4.38429E-06	0.030923513
cg19083491	-0.782474126	3.160264117	-5.950171076	4.39742E-06	0.030923513
cg27596715	-0.704986316	3.223426305	-5.94947787	4.40479E-06	0.030923513

cg01929407	-0.628332407	3.125614965	-5.943413484	4.4698E-06	0.030923513
cg24450692	-0.692425045	-1.10444255	-5.930667683	4.60965E-06	0.030923513
cg21485602	-0.815059684	2.182353134	-5.929724134	4.62017E-06	0.030923513
cg02611479	-0.750776039	1.785060815	-5.927340023	4.64688E-06	0.030923513
cg00387738	-0.584329481	3.540074834	-5.924507907	4.67882E-06	0.030923513
cg25829942	-0.570727498	3.981503487	-5.923633235	4.68872E-06	0.030923513
cg02800607	-0.747423572	-2.902519114	-5.91404416	4.79875E-06	0.030923513
cg04800555	-1.058098396	2.681286405	-5.913193351	4.80864E-06	0.030923513
cg03763457	-0.682953994	3.115864766	-5.907662823	4.87342E-06	0.030923513
cg14099387	-0.797710797	2.551079256	-5.905645001	4.89728E-06	0.030923513
cg15758896	-0.513408588	-0.580798972	-5.904281041	4.91347E-06	0.030923513
cg25969318	-0.712034129	3.963538189	-5.898912735	4.97774E-06	0.030923513
cg08371532	-0.619892201	-0.758052064	-5.898536365	4.98227E-06	0.030923513
cg06261400	-0.897879556	2.247125707	-5.897439677	4.99552E-06	0.030923513
cg14297991	-0.558072829	3.640714536	-5.893376815	5.0449E-06	0.030923513
cg00105080	-0.957962619	2.201731671	-5.893090355	5.0484E-06	0.030923513
cg23791672	-0.796157344	0.552430897	-5.889988797	5.08646E-06	0.030923513
cg03807888	-0.589502971	3.99683858	-5.879843007	5.21302E-06	0.030923513
cg26740375	-0.646547014	2.30617629	-5.874700948	5.27838E-06	0.030923513
cg15973546	-0.494092954	-0.212341562	-5.87097619	5.32624E-06	0.030923513
cg25275452	-0.55206308	3.540695682	-5.868208939	5.36209E-06	0.030923513
cg18106045	-0.951149798	2.256858834	-5.867326639	5.37357E-06	0.030923513
cg08708389	-0.75069575	3.008783794	-5.866499163	5.38436E-06	0.030923513
cg10106639	-1.021016094	1.874247298	-5.866152352	5.38889E-06	0.030923513
cg26055718	-0.7589398	1.507717417	-5.858466026	5.49025E-06	0.030923513
cg00472411	-0.712072246	3.365321729	-5.849357784	5.61289E-06	0.030923513
cg06047629	-0.796193811	2.188972659	-5.846155357	5.65667E-06	0.030923513
cg12876349	-1.078397043	-4.492423541	-5.843893297	5.6878E-06	0.030923513
cg14931396	-0.786222625	1.231446688	-5.834463792	5.81946E-06	0.030923513
cg00556627	-0.658110713	0.645214572	-5.829496857	5.89005E-06	0.030923513
cg09976979	-0.580593937	3.893174542	-5.827430489	5.91968E-06	0.030923513
cg18792689	-1.1606698	2.622537973	-5.827413583	5.91992E-06	0.030923513
cg19511263	-0.586536661	3.354637473	-5.825619208	5.94577E-06	0.030923513
cg05357137	-0.63475567	3.768760132	-5.82215469	5.996E-06	0.030923513
cg08194369	-0.715210052	1.325292666	-5.818860977	6.04416E-06	0.030923513
cg06334689	5.368465261	-1.318044504	5.813705437	6.12033E-06	0.030923513
cg05508408	-0.645952638	0.745467354	-5.810514323	6.16797E-06	0.030923513
cg08436419	-0.618333203	-1.564148731	-5.810360153	6.17028E-06	0.030923513
cg14242526	-0.656121005	4.003456739	-5.80820708	6.20264E-06	0.030923513
cg23527183	-0.913050629	2.410388807	-5.798990449	6.34315E-06	0.030923513
cg08595782	-0.677250725	-0.388565717	-5.797490446	6.36632E-06	0.030923513
cg16354717	-0.62600971	3.114887681	-5.797485497	6.3664E-06	0.030923513
cg21916555	-0.748360838	2.821121898	-5.797049369	6.37315E-06	0.030923513
cg09414827	-0.670440712	-0.276704266	-5.792554687	6.44317E-06	0.030923513
cg17242574	-0.637411535	0.500467773	-5.788962033	6.49971E-06	0.030923513
cg03426940	-0.529795787	0.839478376	-5.787920221	6.5162E-06	0.030923513
cg00896578	-0.604534851	4.012636332	-5.786000873	6.54668E-06	0.030923513

cg19523639	-0.710028927	2.795806515	-5.784888907	6.56441E-06	0.030923513
cg27107110	-0.739217761	1.506412488	-5.784259148	6.57447E-06	0.030923513
cg24657503	-0.750809921	-1.560136907	-5.779797241	6.64622E-06	0.030923513
cg24407907	-0.707444468	3.44903697	-5.777158407	6.68902E-06	0.030923513
cg21737306	-0.847254105	1.712310494	-5.77669769	6.69652E-06	0.030923513
cg24128226	-0.828857474	2.03164695	-5.772184191	6.77047E-06	0.030923513
cg23852964	-0.74938958	3.602197091	-5.7715365	6.78115E-06	0.030923513
cg17138594	-1.013587575	2.254967235	-5.769069847	6.82198E-06	0.030923513
cg01193159	-1.014634273	1.814366848	-5.768611361	6.8296E-06	0.030923513
cg21963023	-0.644799042	2.37439282	-5.757818278	7.01141E-06	0.030923513
cg02093477	-0.714328698	2.673982618	-5.75768308	7.01372E-06	0.030923513
cg18729133	-0.653910768	3.27854986	-5.755471959	7.05158E-06	0.030923513
cg06094512	-0.636499036	3.400401707	-5.754119365	7.07484E-06	0.030923513
cg17673914	-0.849997076	0.061709469	-5.75130221	7.12355E-06	0.030923513
cg03764900	-0.705981941	2.264926648	-5.74763431	7.18747E-06	0.030923513
cg24289966	-0.548541984	-1.202658113	-5.741383565	7.29775E-06	0.030923513
cg18479241	-0.791493619	3.526737426	-5.74053639	7.31283E-06	0.030923513
cg07354850	-0.734173591	2.899304588	-5.739874667	7.32463E-06	0.030923513
cg14229516	-0.54248423	4.01894308	-5.735828465	7.3972E-06	0.030923513
cg12263409	0.450520387	0.418431087	5.735700306	7.39951E-06	0.030923513
cg03053370	-0.869058453	2.334249078	-5.733282118	7.44325E-06	0.030923513
cg13868001	-0.802638547	-0.969365198	-5.731444253	7.47666E-06	0.030923513
cg04296137	-0.709324499	3.167374747	-5.726258164	7.57178E-06	0.030923513
cg18012213	-0.602484796	3.574876285	-5.724150103	7.61079E-06	0.030923513
cg22311408	-0.784468797	-0.021459255	-5.720022993	7.68776E-06	0.030923513
cg18833779	-0.835611077	2.328274576	-5.717982837	7.7261E-06	0.030923513
cg01369276	-0.489951674	3.658504668	-5.715991869	7.76371E-06	0.030923513
cg19503307	-0.607324475	0.528637019	-5.715157863	7.77951E-06	0.030923513
cg13272108	0.747514185	-0.841205213	5.707860514	7.91922E-06	0.030923513
cg01775781	-0.821146732	1.737870464	-5.707827606	7.91986E-06	0.030923513
cg17677381	-0.587640973	3.71718982	-5.703875513	7.99659E-06	0.030923513
cg08786470	-0.903574444	3.359988493	-5.698781511	8.09661E-06	0.030923513
cg14812743	-0.66371979	3.573743449	-5.698049816	8.11108E-06	0.030923513
cg27208806	-0.879243301	1.903794793	-5.692875447	8.21416E-06	0.030923513
cg04500903	-0.765813859	2.982913825	-5.686817815	8.33653E-06	0.030923513
cg09894683	-1.19710998	-1.088412178	-5.67801535	8.51766E-06	0.030923513
cg05823545	-0.755315224	2.257532887	-5.677331856	8.53189E-06	0.030923513
cg20180538	-0.663300448	3.714687049	-5.675979285	8.56012E-06	0.030923513
cg04505845	-0.614913771	-0.343126466	-5.671549311	8.65325E-06	0.030923513
cg13921308	-0.795392925	1.014961967	-5.669519532	8.69626E-06	0.030923513
cg02331902	-1.222467054	-3.660751342	-5.669290504	8.70113E-06	0.030923513
cg27022171	-0.655145762	-0.46372579	-5.667742537	8.7341E-06	0.030923513
cg22636442	-0.486193262	3.105183077	-5.666910691	8.75187E-06	0.030923513
cg23687909	-0.818860134	2.79263086	-5.666737943	8.75556E-06	0.030923513
cg20712946	-0.617784444	3.657742247	-5.663958996	8.81522E-06	0.030923513
cg12480424	-0.559524955	3.553518407	-5.660317043	8.89402E-06	0.030923513
cg13880897	-0.643731356	2.438923862	-5.654396162	9.02367E-06	0.030923513

cg04424246	-0.681485655	3.315267885	-5.650766618	9.10409E-06	0.030923513
cg01287200	-0.56062863	3.717716201	-5.6470019	9.18827E-06	0.030923513
cg13150094	-0.639860672	3.138714267	-5.646723237	9.19453E-06	0.030923513
cg21147040	-0.626811154	1.162798786	-5.646194419	9.20643E-06	0.030923513
cg13029013	-0.597718456	-0.601346074	-5.646115709	9.2082E-06	0.030923513
cg26453456	-0.808960094	-2.141778695	-5.641868346	9.30434E-06	0.030923513
cg07868561	-0.563689055	0.3712308	-5.641834254	9.30511E-06	0.030923513
cg25363192	-0.711028685	2.918299227	-5.640800491	9.32867E-06	0.030923513
cg11661454	-0.951569845	2.216564378	-5.640631474	9.33252E-06	0.030923513
cg11546830	-0.574395349	3.975170987	-5.638198321	9.38823E-06	0.030923513
cg08247527	-0.677848516	3.574740956	-5.634868653	9.465E-06	0.030923513
cg03520833	-0.711634584	-0.377627191	-5.633201961	9.50367E-06	0.030923513
cg01536306	-0.634487955	3.715148707	-5.632059429	9.53027E-06	0.030923513
cg20284699	-0.609215329	-1.813708033	-5.630121155	9.57557E-06	0.030923513
cg22157320	-0.572743366	3.754633458	-5.627390425	9.63976E-06	0.030923513
cg07823855	-0.716789222	3.339391525	-5.626913221	9.65102E-06	0.030923513
cg02839514	-0.779038148	2.787041372	-5.62616752	9.66865E-06	0.030923513
cg05704719	-0.65394037	3.250810922	-5.625292293	9.68938E-06	0.030923513
cg20322908	-0.58832496	3.09005152	-5.624510972	9.70792E-06	0.030923513
cg22788747	-0.583204555	-0.868427485	-5.622023574	9.7672E-06	0.030923513
cg14332653	-0.837678155	1.69879111	-5.621428173	9.78144E-06	0.030923513
cg24368124	-0.830482691	1.783742552	-5.618176431	9.8596E-06	0.030923513
cg14432334	-0.739777962	3.525395468	-5.614481058	9.94919E-06	0.030923513
cg21180839	-0.86261876	1.430245221	-5.606681159	1.0141E-05	0.030923513
cg26794993	-0.898148994	3.004193232	-5.606413639	1.01477E-05	0.030923513
cg17608635	-0.896108524	-0.038702713	-5.60520198	1.01778E-05	0.030923513
cg07786995	-0.880480057	-1.507085169	-5.600884872	1.0286E-05	0.030923513
cg08571020	-0.749069305	0.762900226	-5.600668429	1.02914E-05	0.030923513
cg23390381	-0.799733097	1.962835172	-5.597168847	1.038E-05	0.030923513
cg08244182	-0.711370397	3.168323219	-5.596351333	1.04008E-05	0.030923513
cg19844101	0.734720102	3.08846748	5.595301063	1.04276E-05	0.030923513
cg00877691	-0.703212312	0.999116947	-5.59465029	1.04443E-05	0.030923513
cg12575659	-0.677321067	-2.282489824	-5.591325898	1.05297E-05	0.030923513
cg09371284	-0.604220239	-0.346594719	-5.590047107	1.05627E-05	0.030923513
cg23051063	-0.599454723	3.543803747	-5.587475207	1.06295E-05	0.030923513
cg10052687	-0.59948262	-0.208510893	-5.586883151	1.06449E-05	0.030923513
cg16889782	-0.798333273	2.78766942	-5.58565944	1.06769E-05	0.030923513
cg09370405	0.776451194	-2.803711453	5.583322471	1.07382E-05	0.030923513
cg09836433	-0.866792049	1.495549638	-5.580096297	1.08235E-05	0.030923513
cg03289264	-0.595069575	3.425314112	-5.579676352	1.08346E-05	0.030923513
cg23689129	-0.614510628	3.47360168	-5.577024339	1.09053E-05	0.030923513
cg14308466	-0.676271619	-1.071997393	-5.576139712	1.09289E-05	0.030923513
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cg05302350	-0.955767759	-1.466402782	-5.572819151	1.10183E-05	0.030923513
cg11546574	-0.472547014	3.290504457	-5.569850229	1.10988E-05	0.030923513
cg02430558	-0.534153401	-0.977357915	-5.569643845	1.11044E-05	0.030923513
cg07011981	-0.800534678	0.968677693	-5.569450298	1.11097E-05	0.030923513

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cg17969913	-0.506598193	3.627600547	-5.564175754	1.12543E-05	0.030923513
cg15800340	-0.569839483	3.692873464	-5.562811954	1.1292E-05	0.030923513
cg23368416	-0.70387724	3.417009971	-5.562252388	1.13075E-05	0.030923513
cg04891601	-0.826766554	2.72519792	-5.561955722	1.13157E-05	0.030923513
cg20095390	-0.578147987	2.644440896	-5.556482595	1.14687E-05	0.030923513
cg27507372	-0.723607705	0.223963886	-5.555733792	1.14897E-05	0.030923513
cg06105694	-0.501658729	-1.404198489	-5.555421905	1.14985E-05	0.030923513
cg13111622	-0.668404024	0.287371921	-5.553819275	1.15438E-05	0.030923513
cg23585102	-0.563744316	2.780852696	-5.553080887	1.15648E-05	0.030923513
cg16962259	-0.65845692	3.434675339	-5.552929252	1.15691E-05	0.030923513
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cg27510497	-0.636422092	3.259370945	-5.54823954	1.1703E-05	0.030923513
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cg16098545	-0.854173826	0.443866182	-5.427063752	1.57649E-05	0.030923513
cg05584737	-0.795087933	3.379823772	-5.424899534	1.58492E-05	0.030923513
cg24904576	-0.596676393	3.022601291	-5.424805962	1.58528E-05	0.030923513
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cg10775753	-1.025647844	1.973948103	-5.417273441	1.61498E-05	0.030923513
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cg02637078	-0.775628515	-2.996096692	-5.410832521	1.64083E-05	0.030923513
cg15989892	-0.651791192	-0.745725242	-5.409504945	1.6462E-05	0.030923513
cg00318737	-0.548048375	3.508554322	-5.409024932	1.64815E-05	0.030923513
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cg11141503	-0.704442324	1.54590655	-5.404879854	1.66508E-05	0.030923513
cg14958756	-0.618415885	3.805361104	-5.404834802	1.66527E-05	0.030923513
cg07313980	-0.505520138	3.462227644	-5.404167778	1.66801E-05	0.030923513
cg04102784	-0.531902554	3.661879988	-5.402027834	1.67683E-05	0.030923513
cg23225180	-0.730610261	1.420282658	-5.401345703	1.67965E-05	0.030923513
cg22161131	0.621226631	-3.296392589	5.400723726	1.68223E-05	0.030923513
cg06593811	-0.573664959	3.616902864	-5.400460452	1.68332E-05	0.030923513
cg10320312	-0.794926652	0.317302595	-5.39893752	1.68966E-05	0.030923513
cg16225663	-0.436434877	-0.14938339	-5.3963293	1.70056E-05	0.030923513

cg10799802	-0.711618397	2.572137898	-5.396050714	1.70173E-05	0.030923513
cg11544398	-0.780501319	2.905574032	-5.394036125	1.71021E-05	0.030923513
cg25617519	-0.549944918	3.150045807	-5.393676272	1.71172E-05	0.030923513
cg23609036	-0.777811436	2.565898134	-5.39327287	1.71343E-05	0.030923513
cg20253855	-0.62943145	0.379585425	-5.392225669	1.71786E-05	0.030923513
cg23759367	-0.669587093	2.675485602	-5.392155865	1.71815E-05	0.030923513
cg17014879	-0.681579305	3.750126965	-5.391298568	1.72179E-05	0.030923513
cg18068731	-0.502001923	3.669034044	-5.391005635	1.72304E-05	0.030923513
cg20869637	-0.624128659	2.840489304	-5.390575618	1.72486E-05	0.030923513
cg13730905	-0.677164647	3.419372255	-5.388936843	1.73185E-05	0.030923513
cg22855923	-0.570132482	2.87293177	-5.388644155	1.7331E-05	0.030923513
cg14990116	-0.579600538	3.508906533	-5.388526322	1.73361E-05	0.030923513
cg26759551	-0.691998162	-2.519853007	-5.386751931	1.74121E-05	0.030923513
cg01197090	-0.654406539	3.148598621	-5.386683658	1.7415E-05	0.030923513
cg09677626	-0.796965606	1.416519347	-5.38564199	1.74598E-05	0.030923513
cg01076937	-0.696794553	2.730798443	-5.384951309	1.74896E-05	0.030923513
cg15080232	-0.586425501	3.445556087	-5.384056165	1.75283E-05	0.030923513
cg08128105	-0.578470587	-1.142293288	-5.383996309	1.75309E-05	0.030923513
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cg11776930	-0.581973924	-0.179018577	-5.382211996	1.76082E-05	0.030923513
cg05790038	-1.298716751	1.292947028	-5.381651714	1.76326E-05	0.030923513
cg03911701	-0.54795737	3.372749493	-5.381438382	1.76418E-05	0.030923513
cg24650672	-0.571163775	2.822254029	-5.381034675	1.76594E-05	0.030923513
cg05590053	-0.636466338	0.367522513	-5.380921693	1.76644E-05	0.030923513
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cg18127823	-0.612029257	0.330723279	-5.379456993	1.77283E-05	0.030923513
cg14159673	-0.602371715	4.494581052	-5.378820192	1.77562E-05	0.030923513
cg08837866	-0.768534537	0.803794881	-5.378696746	1.77616E-05	0.030923513
cg12387480	-0.737885359	3.00308298	-5.378429864	1.77733E-05	0.030923513
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cg17682316	0.776181548	2.939946407	5.369582432	1.81656E-05	0.030973813
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cg17164401	-0.905457263	0.869222537	-5.243457248	2.48138E-05	0.031848682
cg27317493	-1.069299837	-1.322115724	-5.242369869	2.48807E-05	0.031848682
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cg11085309	-0.675139416	2.833911082	-5.240313095	2.50078E-05	0.031848682
cg08331840	-0.473447662	3.537524575	-5.23990171	2.50333E-05	0.031848682
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cg26429266	-0.66698181	-0.907069545	-5.237655199	2.5173E-05	0.031848682
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cg22565309	-0.603594563	3.44521666	-5.235479282	2.53091E-05	0.031848682
cg09075968	-0.502825288	0.094720777	-5.233811735	2.54139E-05	0.031848682
cg20743720	-0.689549684	3.18988086	-5.233661823	2.54233E-05	0.031848682

cg20951949	-0.51347101	3.789580063	-5.233331214	2.54442E-05	0.031848682
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cg25350011	-0.883269159	-2.500268603	-5.230639826	2.56144E-05	0.031848682
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cg25599924	-0.794834961	-1.298531447	-5.228683203	2.57389E-05	0.031848682
cg01071385	-0.676102683	3.904751906	-5.228005251	2.57822E-05	0.031848682
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cg03405302	-0.753670982	1.996830387	-5.120872057	3.36342E-05	0.032135701
cg03654707	-0.632008769	-0.829051849	-5.11945494	3.37529E-05	0.032135701
cg06437030	-0.733096863	1.447952004	-5.119264253	3.37689E-05	0.032135701
cg01093898	-0.484859122	3.302522395	-5.117352743	3.39297E-05	0.032135701
cg13947385	-0.664146391	3.509103761	-5.11680308	3.39761E-05	0.032135701
cg14660710	-0.744333521	0.735782603	-5.114827361	3.41433E-05	0.032135701
cg09947611	-0.458275562	-1.291240513	-5.11398609	3.42147E-05	0.032135701
cg01338157	-0.597889817	3.536191067	-5.113331694	3.42704E-05	0.032135701
cg19294383	-0.741435923	3.23766136	-5.113241493	3.42781E-05	0.032135701
cg03624563	-0.685028787	2.890189272	-5.113058709	3.42937E-05	0.032135701
cg14665781	-0.609102579	2.809226268	-5.112546743	3.43374E-05	0.032135701
cg17280723	-0.56670732	3.337466914	-5.112178975	3.43688E-05	0.032135701
cg04683300	-0.885421177	2.548036143	-5.111965232	3.4387E-05	0.032135701
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cg20511962	-0.683083518	2.58182704	-5.108474583	3.46867E-05	0.032135701
cg00626624	-0.881936394	-0.581935828	-5.107572089	3.47646E-05	0.032135701
cg02095572	-0.666465902	3.540379007	-5.106352546	3.48701E-05	0.032135701
cg06794293	-0.575841521	-1.639014669	-5.105542496	3.49404E-05	0.032135701
cg17476223	-0.830253133	2.95062983	-5.105490258	3.49449E-05	0.032135701
cg06561001	-0.454253234	3.669799225	-5.105417291	3.49513E-05	0.032135701
cg12965833	-0.817017072	1.348181667	-5.105038614	3.49842E-05	0.032135701
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cg13665823	-0.47088155	3.419524271	-5.103556316	3.51133E-05	0.032135701
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cg18791395	-0.564598236	3.266670094	-5.102880867	3.51723E-05	0.032135701
cg12041684	-0.726676583	2.889190201	-5.100656765	3.53673E-05	0.032135701
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cg26123532	-0.667966412	0.43583242	-5.099711082	3.54506E-05	0.032135701
cg01549663	-0.690361185	-1.684418049	-5.098514367	3.55562E-05	0.032135701
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cg17540765	-0.458304884	-0.332597903	-5.096419401	3.57419E-05	0.032135701
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cg26994192	-0.696544739	3.067688626	-5.027244349	4.24551E-05	0.032135701
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cg15781504	-0.671562593	3.393701261	-5.025464455	4.26437E-05	0.032135701
cg13108609	-0.568242523	2.896606098	-5.025282649	4.2663E-05	0.032135701
cg00068519	-0.520422278	3.38063125	-5.024898716	4.27038E-05	0.032135701
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cg13735193	-0.608584633	2.927099223	-5.022819873	4.29254E-05	0.032135701
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cg15818534	-0.576261375	3.812747317	-4.957164636	5.05557E-05	0.032135701
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cg17389149	-0.657347421	3.21772121	-4.957038753	5.05715E-05	0.032135701
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cg21350111	-0.689452713	3.260295048	-4.956844603	5.0596E-05	0.032135701
cg03062196	-0.506364337	3.56108738	-4.956748542	5.06081E-05	0.032135701
cg02927058	-0.573606186	0.604956664	-4.956146749	5.06841E-05	0.032135701
cg07684583	-0.970308892	1.379306626	-4.95604045	5.06976E-05	0.032135701
cg19325597	-0.538003349	2.137224929	-4.955151831	5.081E-05	0.032135701
cg26294177	-0.641702087	2.622000317	-4.954856315	5.08475E-05	0.032135701
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cg07794083	-0.621048302	2.983298301	-4.954189939	5.09321E-05	0.032135701
cg01961092	-0.502260652	2.075742947	-4.954090294	5.09447E-05	0.032135701
cg27087428	-0.51131324	-0.456396994	-4.953864517	5.09734E-05	0.032135701
cg18923673	-0.509617491	3.315780907	-4.953750753	5.09879E-05	0.032135701
cg07148407	-0.592541477	0.152630622	-4.953324245	5.10421E-05	0.032135701
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cg14697542	-0.508971823	-0.241841077	-4.953040496	5.10783E-05	0.032135701
cg17526301	-0.637955408	-2.418475279	-4.952907027	5.10953E-05	0.032135701
cg04155644	-0.74197002	2.325615036	-4.952707045	5.11207E-05	0.032135701
cg00590881	-0.744262903	1.537531423	-4.951997884	5.12112E-05	0.032135701
cg21131711	-0.488677365	3.027773508	-4.95156101	5.12671E-05	0.032135701
cg27491818	-0.661533341	0.16607107	-4.951021249	5.13361E-05	0.032135701
cg24997941	-0.718561664	2.073128874	-4.949672006	5.15091E-05	0.032135701
cg20525861	-0.771694093	-1.890339609	-4.949646931	5.15124E-05	0.032135701
cg15158642	-0.631500866	3.262841208	-4.949616806	5.15162E-05	0.032135701

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cg02989450	-0.734104237	3.126372285	-4.839817157	6.77609E-05	0.032536877
cg16156662	-0.599618069	3.427612084	-4.839673049	6.77853E-05	0.032536877
cg22890825	-0.464594748	-0.161972891	-4.839534649	6.78088E-05	0.032536877
cg02589899	-0.603148765	0.370721403	-4.839451437	6.78229E-05	0.032536877
cg22103319	-0.517530398	3.87339366	-4.839266896	6.78541E-05	0.032536877
cg24963454	-0.626199153	3.230851777	-4.839167406	6.7871E-05	0.032536877
cg25470023	-0.608708025	3.367817704	-4.838806539	6.79322E-05	0.032536877
cg11145461	-0.849358123	-2.008882734	-4.838774645	6.79376E-05	0.032536877
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cg21243146	-0.650790427	2.874183902	-4.838037913	6.80628E-05	0.032536877
cg02386178	-0.71060726	2.777056345	-4.837995471	6.807E-05	0.032536877
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cg21646823	-0.703907273	3.151323689	-4.836525322	6.83205E-05	0.032546806
cg08910658	-0.767877554	3.154493428	-4.835459101	6.85028E-05	0.032598351
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cg17707104	-0.855983552	3.139877972	-4.834919117	6.85953E-05	0.032607055
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cg17291213	-0.859705169	2.59973239	-4.83124654	6.92276E-05	0.032643173
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cg19961545	-0.525109524	-0.592603486	-4.793210332	7.61321E-05	0.032803674
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cg17012555	-0.618138804	3.233967534	-4.789291054	7.68817E-05	0.032894198
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cg09034580	-0.610430478	2.664751668	-4.789137442	7.69113E-05	0.032894198
cg00712146	-0.46371076	3.333824728	-4.789029414	7.6932E-05	0.032894198
cg25178497	-0.508392069	4.251316719	-4.788775235	7.69809E-05	0.032894198
cg11761443	-0.558074424	3.576200389	-4.787727602	7.71828E-05	0.032894198
cg16326512	-0.507186654	4.227813807	-4.787646607	7.71985E-05	0.032894198
cg22420623	-0.467718123	4.264580899	-4.787473355	7.72319E-05	0.032894198
cg06291988	-0.483422489	3.52674102	-4.787377562	7.72504E-05	0.032894198
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cg26952136	-0.65182138	0.76813028	-4.787339353	7.72578E-05	0.032894198
cg21986679	-0.730662789	0.570841982	-4.787282122	7.72689E-05	0.032894198
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cg03674311	-0.473709379	4.050206855	-4.786265069	7.74656E-05	0.032918604
cg17037640	-0.596808647	3.299977545	-4.785728215	7.75697E-05	0.032925757
cg09142090	-0.727166439	2.432815618	-4.785698611	7.75754E-05	0.032925757
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cg13733984	-0.424324467	2.982303448	-4.785118803	7.76879E-05	0.032934059
cg12433196	-0.86805185	0.061840724	-4.783996125	7.79063E-05	0.032964541
cg09484593	-0.564582342	3.381569107	-4.783855779	7.79337E-05	0.032964541
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cg05891614	-0.550165325	2.975864729	-4.783365299	7.80293E-05	0.032964541
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cg02662823	-0.687624768	-0.875958996	-4.781099452	7.84726E-05	0.032964541
cg21408197	-0.568826574	-0.773185303	-4.781096695	7.84732E-05	0.032964541
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cg14306953	-0.796123774	2.496862512	-4.739520414	8.70727E-05	0.033506733
cg20967514	0.611345701	1.21538416	4.738776249	8.7235E-05	0.033506733
cg08078514	-0.561607059	-0.155402484	-4.738699001	8.72518E-05	0.033506733
cg27397824	-0.780181121	0.69925661	-4.73846901	8.73021E-05	0.033506733
cg00133970	-0.626532125	4.111802652	-4.737973428	8.74104E-05	0.033506733
cg08633789	-0.691658524	3.001519237	-4.737702315	8.74697E-05	0.033506733
cg00527307	-0.795841147	0.472371525	-4.737508173	8.75122E-05	0.033506733
cg22954037	-0.434931166	4.418274297	-4.737315079	8.75545E-05	0.033506733
cg10957029	-0.566811351	-0.217326263	-4.73656347	8.77193E-05	0.033506733
cg03919779	-0.446657425	-1.251000755	-4.736389824	8.77574E-05	0.033506733
cg24313472	-0.575658646	0.387765774	-4.736356763	8.77646E-05	0.033506733
cg21731721	-0.765385021	2.546729746	-4.736159469	8.7808E-05	0.033506733
cg12024649	-0.687088889	2.794801075	-4.735938919	8.78564E-05	0.033506733
cg01115920	-0.760243818	3.007825539	-4.735712991	8.79061E-05	0.033506733
cg16599577	-0.774565064	2.345270543	-4.735640819	8.7922E-05	0.033506733
cg14295534	-0.887839047	2.744514927	-4.735440371	8.79661E-05	0.033506733
cg04092447	-0.51244085	3.321430914	-4.735331916	8.79899E-05	0.033506733
cg16320737	0.48720916	3.663091491	4.735224276	8.80136E-05	0.033506733
cg03093801	-0.77675293	-1.301886048	-4.734946901	8.80747E-05	0.033506733
cg22449766	-0.519667054	-3.4699087	-4.734439665	8.81866E-05	0.033506733
cg16710348	-0.429850891	4.087515447	-4.73432978	8.82108E-05	0.033506733
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cg17141408	-0.393631429	-0.657290005	-4.734084407	8.8265E-05	0.033506733
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cg22377482	-0.568311131	3.62629147	-4.731838055	8.87625E-05	0.033506733
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cg07914576	-0.638840418	2.440336278	-4.698823994	9.64068E-05	0.033681095
cg26619570	-0.514570028	3.826258755	-4.698734719	9.64284E-05	0.033681095
cg03940005	-0.51980301	3.478957192	-4.698691456	9.64388E-05	0.033681095
cg06118056	-0.528215678	0.297192304	-4.698555036	9.64717E-05	0.033681095
cg23640339	-0.610463325	0.554436346	-4.698331932	9.65256E-05	0.033683306
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cg12542106	-0.597788605	1.918776744	-4.69653038	9.69618E-05	0.033768986
cg19812432	-0.548088055	-0.738379818	-4.696052733	9.70778E-05	0.033781581
cg03828080	-0.685926463	1.196959564	-4.695599825	9.71879E-05	0.033781581
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cg23036194	-0.588264003	3.755320303	-4.694676542	9.74128E-05	0.033781581
cg20555985	-0.516455807	3.970925599	-4.69456859	9.74391E-05	0.033781581
cg10052319	-0.598363611	2.673763463	-4.694311835	9.75017E-05	0.033781581
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cg21006923	-0.782521462	1.391501275	-4.657669753	0.000106868	0.034040733
cg23312158	-0.720998524	3.342807484	-4.657654145	0.000106872	0.034040733
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cg05948757	-0.897246286	3.104381953	-4.619792296	0.000117501	0.034523214
cg13631966	-1.132812603	1.541180277	-4.619475951	0.000117594	0.034525158
cg13792757	-0.626208336	2.539206713	-4.619438724	0.000117605	0.034525158
cg23740652	-0.694022747	-0.829371538	-4.618569874	0.000117861	0.034577087
cg07467532	-0.468005588	3.871857856	-4.61850778	0.000117879	0.034577087
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cg15317129	-0.678249968	0.017603037	-4.616747944	0.0001184	0.034615151
cg15050103	-0.484748106	3.387571782	-4.616318139	0.000118527	0.034628385
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cg01940181	-0.824541783	-1.791984942	-4.615782981	0.000118686	0.034641719
cg04911518	-0.879790841	2.819283006	-4.615369976	0.000118809	0.034663287
cg17184927	-0.489369098	0.044433074	-4.615020471	0.000118913	0.034679359
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cg04281401	-0.457423848	-0.155842481	-4.613729556	0.000119298	0.034742435
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cg25005356	-0.478432924	3.703835592	-4.613637911	0.000119326	0.034742435
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cg20202874	-0.695952745	3.285189723	-4.579839512	0.000129867	0.035163564
cg23174663	-0.70482318	2.298506418	-4.579802657	0.000129879	0.035163564
cg17609359	-0.574443642	3.113199168	-4.5795974	0.000129946	0.035163564
cg06717875	-0.492370358	3.848892016	-4.579382177	0.000130016	0.035163564
cg10907484	-0.822126855	3.838538447	-4.579328369	0.000130034	0.035163564
cg19966444	-0.531912194	3.460013809	-4.578957661	0.000130155	0.035163564
cg25265010	-0.600444179	3.075919687	-4.578782308	0.000130212	0.035163564
cg00523547	-0.450616343	-0.411891984	-4.578448644	0.000130321	0.035163564
cg09099242	-0.411836145	-0.804935901	-4.57798262	0.000130473	0.035163564
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cg04971825	-0.581969338	1.435241009	-4.577580231	0.000130604	0.035163564
cg05885012	-0.441883802	-2.008707877	-4.577493937	0.000130633	0.035163564
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cg19979384	-0.543005639	3.341061566	-4.577100264	0.000130762	0.035163564
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cg13939296	-0.516411883	3.414369143	-4.57677447	0.000130868	0.035163564
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cg18383585	-0.687342376	-1.704575403	-4.551747396	0.000139336	0.035228127
cg01445952	-0.51242854	-0.906998444	-4.551741849	0.000139338	0.035228127
cg02208249	-0.697016139	-2.115788714	-4.551628807	0.000139377	0.035228127
cg24707189	-0.473357361	4.245382306	-4.551582393	0.000139394	0.035228127
cg04667114	-0.71570519	-2.11211049	-4.551580998	0.000139394	0.035228127
cg27498782	-0.551682793	2.866616952	-4.551052879	0.000139579	0.035244486
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cg12412070	-0.517192724	-1.022834952	-4.550634031	0.000139725	0.035244486
cg08005915	-0.769587263	1.91895221	-4.55052881	0.000139762	0.035244486
cg17324671	-0.693119995	2.686747824	-4.550302653	0.000139841	0.035244486
cg25397519	-0.854286298	2.708973869	-4.550028595	0.000139937	0.035244486
cg09410612	-0.607692837	0.206235412	-4.549944259	0.000139967	0.035244486
cg26831709	-0.438939934	4.229485677	-4.549746908	0.000140036	0.035244486
cg04944654	-0.435148898	3.440125238	-4.549242016	0.000140213	0.035244486
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cg23141745	-0.479871123	4.395669159	-4.549020049	0.000140291	0.035244486
cg23803981	-0.503451492	0.174464357	-4.548992724	0.000140301	0.035244486
cg16420720	-0.727166225	2.856802679	-4.548771326	0.000140379	0.035244486
cg12829524	-0.519973643	3.33539381	-4.548700485	0.000140404	0.035244486
cg13870198	0.573861555	2.202286749	4.548547756	0.000140457	0.035244486
cg03097169	-0.62472899	-3.079933079	-4.548518908	0.000140468	0.035244486

cg27255388	0.933705416	3.137521047	4.548432071	0.000140498	0.035244486
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cg17231980	-0.526597482	-0.352379885	-4.548135773	0.000140603	0.035244486
cg24085438	-0.55971072	2.918460978	-4.547862021	0.000140699	0.035244486
cg00377173	-0.476626832	-1.057946326	-4.547752494	0.000140738	0.035244486
cg04265429	-0.607183173	3.196449193	-4.547709336	0.000140753	0.035244486
cg23674806	-0.776129058	2.03802747	-4.547644396	0.000140776	0.035244486
cg26621192	-0.465379465	3.373524677	-4.547593369	0.000140794	0.035244486
cg02979010	-0.551971523	3.335051148	-4.547279082	0.000140905	0.035244486
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cg12262409	-0.453565515	0.123758804	-4.54706032	0.000140982	0.035244486
cg08108165	-0.828800927	-1.914129009	-4.547057626	0.000140983	0.035244486
cg06640662	-0.859125689	2.034933663	-4.546764011	0.000141087	0.035244486
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cg20708103	-0.441016572	3.263960346	-4.54605891	0.000141336	0.035244486
cg03582371	-0.448244317	0.306391277	-4.545755483	0.000141443	0.035244486
cg10831366	-0.483419447	4.141382517	-4.545705859	0.000141461	0.035244486
cg19680308	-0.614394391	3.237663244	-4.545552116	0.000141516	0.035244486
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cg08021244	-0.554613378	3.190209519	-4.545032051	0.0001417	0.035244486
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cg04131403	-0.483856458	4.105566048	-4.544021729	0.000142059	0.035244486
cg04485399	-0.51056205	1.046775218	-4.543963152	0.00014208	0.035244486
cg10897651	-0.484018753	0.431533924	-4.543831286	0.000142127	0.035244486
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cg16362458	-0.478773607	3.431347413	-4.517653694	0.000151761	0.035905668
cg03401963	-0.386134755	3.596133305	-4.517652612	0.000151762	0.035905668
cg03101972	-0.894705526	2.619631769	-4.517572264	0.000151792	0.035905668
cg27636379	-0.46387559	3.091758759	-4.517533391	0.000151807	0.035905668
cg00190393	-0.587599083	2.525633878	-4.516651715	0.000152143	0.035943657
cg21921829	-0.773565752	2.530718573	-4.516598328	0.000152163	0.035943657
cg19317600	-0.731329566	-1.55094062	-4.516484037	0.000152207	0.035943657
cg04869336	-0.740581482	0.171609808	-4.516439564	0.000152224	0.035943657
cg17392044	-0.665066016	3.246781443	-4.516256732	0.000152293	0.035943657
cg26477387	-0.615067823	3.728403185	-4.515978149	0.0001524	0.035943657
cg15760630	-0.929575524	1.965610615	-4.515904597	0.000152428	0.035943657
cg02817143	-0.646033284	3.508813962	-4.515864731	0.000152443	0.035943657
cg12484453	-0.705576699	0.494629685	-4.51581225	0.000152463	0.035943657
cg15196139	-0.456361303	-1.791466424	-4.515739295	0.000152491	0.035943657
cg20067415	-0.540625363	3.401535511	-4.515648183	0.000152526	0.035943657
cg22645421	-0.534781515	3.682996986	-4.515426457	0.00015261	0.035951671

cg23289954	-0.606831229	2.924021934	-4.51492108	0.000152804	0.035985257
cg13295333	-0.444182331	3.693713783	-4.514500123	0.000152965	0.036011261
cg07379779	-0.478784349	3.114057738	-4.513755955	0.000153251	0.036045866
cg22274628	-0.575401633	3.58056234	-4.513745018	0.000153255	0.036045866
cg04307655	-0.633699839	2.86598279	-4.513527045	0.000153339	0.036045866
cg15824600	-0.454402353	-1.633082922	-4.51329791	0.000153427	0.036045866
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cg19618555	-0.959185425	2.095687503	-4.512548427	0.000153715	0.036045866
cg09368302	-0.772005652	1.986786855	-4.512138608	0.000153873	0.036045866
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cg13105046	-0.73336469	2.771963728	-4.48872082	0.000163172	0.036259057
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cg08245249	-0.488418571	3.767769932	-4.487669262	0.000163602	0.036284629
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cg19320294	-0.593356839	0.318399598	-4.486938965	0.000163902	0.036316976
cg14665062	-0.740756289	1.716238217	-4.486773966	0.00016397	0.036320633
cg02138992	-0.697427446	2.350792823	-4.48648688	0.000164088	0.036323262
cg05271660	-0.444715312	3.575046113	-4.486423452	0.000164114	0.036323262
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cg26592432	-0.620585172	2.927679872	-4.486246219	0.000164187	0.036323262
cg25205993	-0.428975724	3.834362216	-4.486004535	0.000164286	0.03632431
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cg14008998	-0.783320347	2.087966817	-4.431398141	0.000188376	0.037289558
cg08692903	-0.368439493	-0.567564476	-4.431103744	0.000188515	0.037289558
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cg05687603	-0.492260024	3.842371384	-4.430166136	0.000188958	0.037289558
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cg11520308	-0.600141433	0.108698985	-4.430105906	0.000188987	0.037289558
cg12512180	-0.467631326	4.024319929	-4.430098354	0.00018899	0.037289558
cg06840100	-0.590973069	3.143055704	-4.430093258	0.000188993	0.037289558
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cg10674569	-0.790825365	0.807594584	-4.429697555	0.00018918	0.037289558
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cg23560388	0.617402775	3.318054763	4.409176562	0.000199162	0.037452342
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cg27117701	-0.473491028	3.9454016	-4.407986602	0.000199757	0.03748124
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cg20185964	-0.732205977	1.377464734	-4.340129876	0.000236773	0.038584332
cg09141610	-0.565155874	0.26122232	-4.339833244	0.000236949	0.038604132
cg16300263	-0.360741989	3.857281023	-4.339734328	0.000237008	0.03860482
cg14912033	-0.502704524	-1.285176474	-4.339444427	0.00023718	0.038617098
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cg05358326	-0.494479768	-0.141553212	-4.338849182	0.000237534	0.038627489
cg14766524	-0.534410308	3.886221885	-4.338625965	0.000237667	0.038627489
cg03554194	-0.613397722	3.427467052	-4.338513936	0.000237734	0.038627489
cg07507599	-0.783686866	1.05424778	-4.338502801	0.00023774	0.038627489
cg11661479	-0.60076949	3.549414321	-4.338491515	0.000237747	0.038627489
cg17542592	-0.732760798	2.591181734	-4.338239723	0.000237897	0.038629252
cg24207750	-0.86741079	3.184104638	-4.338119327	0.000237969	0.038629252
cg09961896	-0.444722107	3.969744333	-4.337984518	0.000238049	0.038629252
cg23689426	-0.517105024	3.105636856	-4.337796711	0.000238161	0.038629252
cg16858144	-0.632427405	2.857384169	-4.337655241	0.000238245	0.038629252
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cg02026447	-0.623915544	3.309629693	-4.320585545	0.000248653	0.038714292
cg15026099	-0.54496985	3.837532571	-4.320448862	0.000248738	0.038714292
cg19044794	-0.356247249	4.406737008	-4.320356734	0.000248795	0.038714292
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cg18243542	-0.406863749	3.918895627	-4.319662959	0.000249228	0.038714292
cg04124295	-0.473438166	3.210330836	-4.31955711	0.000249294	0.038714292
cg10651121	-0.46001903	-1.969524893	-4.319523151	0.000249315	0.038714292
cg03354077	-0.491463248	3.769378509	-4.319359101	0.000249418	0.038714292
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cg12705627	-0.466667603	2.141596211	-4.319038365	0.000249618	0.038714292
cg05112200	-0.675528169	3.3511388	-4.318918103	0.000249693	0.038714292
cg27000059	-0.609619466	2.509154463	-4.318841584	0.000249741	0.038714292

cg25092881	-0.602254405	2.811031306	-4.318823902	0.000249752	0.038714292
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cg21714849	-0.415938246	4.281395367	-4.318668416	0.00024985	0.038714292
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cg16570791	-0.573768526	3.021176901	-4.24284354	0.000302088	0.040292572
cg14224760	-0.717870208	2.627091141	-4.242747737	0.00030216	0.040294648
cg26931213	-0.431377746	3.604882182	-4.242575407	0.000302291	0.040297166
cg17867769	-0.428169181	3.998731365	-4.242544031	0.000302314	0.040297166
cg00475790	-0.588309959	4.061722532	-4.242497211	0.00030235	0.040297166
cg00460179	-0.560964788	2.940572472	-4.242356617	0.000302456	0.040301244
cg00537210	-0.550205284	-0.444758908	-4.242202106	0.000302573	0.040301244
cg08762628	-0.49833677	-0.545847064	-4.242170513	0.000302597	0.040301244
cg13085643	-0.431238969	3.443217497	-4.242130586	0.000302627	0.040301244
cg09987806	-0.494930708	3.53126044	-4.242081129	0.000302665	0.040301244
cg08846079	-0.459152131	-1.540382942	-4.24185172	0.000302839	0.040316814
cg24012574	-0.581116563	3.120930579	-4.241607736	0.000303024	0.04033134
cg07113870	-0.679440138	2.960373326	-4.241557661	0.000303062	0.04033134
cg18618195	-0.60900299	2.645210255	-4.241467624	0.00030313	0.040332854
cg23315282	-0.534902364	4.24824934	-4.241195086	0.000303337	0.04034524
cg00289254	-0.48111339	-1.125836962	-4.241194897	0.000303337	0.04034524
cg13416026	-0.498030746	2.981549831	-4.240954143	0.00030352	0.04034856
cg22602830	-0.577647106	-0.159297043	-4.240825032	0.000303618	0.04034856
cg23159236	-0.527915316	-0.848985565	-4.240818191	0.000303623	0.04034856
cg16317553	-0.490834994	0.685506574	-4.240804993	0.000303633	0.04034856
cg26442961	-0.45469629	3.747932881	-4.240767826	0.000303661	0.04034856
cg07920109	-0.692490142	3.123509152	-4.240655956	0.000303746	0.04034856
cg10737847	-0.504447443	3.798673935	-4.240637274	0.000303761	0.04034856
cg12809842	0.699382912	-4.392964205	4.240512077	0.000303856	0.04035364
cg05130541	-0.529279812	1.04021145	-4.240257791	0.000304049	0.040354227
cg23603305	-0.526997863	4.012233037	-4.240176234	0.000304111	0.040354227
cg02867407	-0.443611528	4.021179844	-4.240060439	0.0003042	0.040354227
cg00120332	-0.592982146	0.344971209	-4.240013926	0.000304235	0.040354227
cg25933594	-0.512570247	3.779157588	-4.23998054	0.00030426	0.040354227
ch.2.1685112F	-0.49655479	-2.381509215	-4.239954836	0.00030428	0.040354227
cg07181472	-0.562383421	3.372261694	-4.239944518	0.000304288	0.040354227
cg11557886	-0.560889584	3.076194468	-4.239907501	0.000304316	0.040354227
cg19255113	-0.631213636	-1.132776329	-4.239741635	0.000304442	0.040356388
cg15147120	-0.525135218	3.922161957	-4.239569995	0.000304573	0.040356388
cg12211471	-0.439346731	3.72213495	-4.239554115	0.000304585	0.040356388
cg07910075	-0.553315558	-0.865933817	-4.239551021	0.000304588	0.040356388
cg16770048	-0.505000938	0.329366499	-4.239503305	0.000304624	0.040356388
cg02450219	-0.389542584	-0.660292886	-4.239435575	0.000304676	0.040356388
cg04300159	-0.595936817	-0.856454187	-4.239356936	0.000304736	0.040356388
cg12741065	-0.767993267	-4.790699879	-4.238928419	0.000305063	0.040356388
cg04458562	-0.51212259	-0.881311454	-4.238909798	0.000305077	0.040356388
cg16975406	0.772183874	1.542823212	4.238888517	0.000305093	0.040356388
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cg14168246	-0.642839023	1.042872501	-4.238660591	0.000305267	0.040356388
cg03204787	-0.58630729	0.519542877	-4.238655927	0.000305271	0.040356388
cg09802689	-0.757052034	2.2485078	-4.238600472	0.000305313	0.040356388
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cg16542473	-0.46102921	3.359215295	-4.238372072	0.000305488	0.040356388
cg20808750	-0.68831365	2.561135164	-4.238300241	0.000305543	0.040356388
cg15472815	-0.513011116	3.651802257	-4.238297651	0.000305545	0.040356388
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cg12575520	-0.483271767	-0.152226885	-4.236727005	0.000306748	0.040367782
cg20673820	-0.722396141	2.873943421	-4.236710509	0.000306761	0.040367782
cg19949797	-0.379452712	4.014431378	-4.236515779	0.00030691	0.040367782
cg20963903	-0.358719667	3.746618037	-4.236444268	0.000306965	0.040367782
cg23615483	0.338087079	2.126829113	4.236437256	0.000306971	0.040367782
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cg02732777	-0.767216865	2.794401171	-4.226292372	0.000314865	0.040524121
cg11622516	-0.425509389	3.866896686	-4.226060309	0.000315048	0.040534625
cg25331127	0.701628356	2.985917358	4.225985699	0.000315106	0.040534625
cg01631162	-0.656399995	-4.319144435	-4.225900928	0.000315173	0.040534625
cg17180122	-0.42201691	3.844154302	-4.225889533	0.000315182	0.040534625
cg01064725	-0.745040225	-1.697470209	-4.225791783	0.000315259	0.040534625
cg09997171	-0.692326874	3.255211901	-4.225753464	0.00031529	0.040534625
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cg11550950	-0.453250489	-1.169070618	-4.225166691	0.000315753	0.040572103
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cg27327359	-0.454835842	3.319465609	-4.224325098	0.000316419	0.040597488
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cg06173520	-0.534730754	2.810336277	-4.224114027	0.000316586	0.040597488
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cg15449419	-0.674637932	2.767442203	-4.223119888	0.000317374	0.040597488
cg13438476	-0.561630525	3.517593331	-4.223068449	0.000317415	0.040597488
cg21479418	-0.464209245	3.606452118	-4.223067679	0.000317416	0.040597488
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cg00533841	-0.608471257	3.582220644	-4.209360866	0.000328492	0.040845726
cg14965524	-0.350351542	-0.988447363	-4.209189264	0.000328633	0.040856097
cg13437084	-0.87754118	-3.39925464	-4.208831851	0.000328927	0.040885475
cg04977991	-0.390461221	0.110041893	-4.208667235	0.000329063	0.040885807
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cg08644058	-0.941758988	2.597812783	-4.208219152	0.000329432	0.040905137
cg14254374	0.627030711	-0.229869477	4.208075238	0.00032955	0.040912698
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cg25757164	-0.656067113	-0.993781083	-4.207645337	0.000329905	0.040918245
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cg19399805	-0.731336261	2.173657337	-4.207426891	0.000330085	0.040918245
cg10784679	-0.406318347	4.026728998	-4.207365185	0.000330136	0.040918245
cg12639453	-0.716896133	-0.805087516	-4.207343861	0.000330154	0.040918245
cg07792873	-0.494230502	3.668282538	-4.207321242	0.000330173	0.040918245
cg09923796	-0.561633097	3.750359656	-4.207157112	0.000330308	0.040921548
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cg18000566	-0.480837701	2.763656043	-4.19300551	0.000342213	0.041144338
cg21989765	-0.409120721	4.094813136	-4.192969971	0.000342243	0.041144338
cg02632227	-0.522753552	4.29463094	-4.192961864	0.00034225	0.041144338
cg04468444	-0.724985786	2.244298416	-4.192929597	0.000342278	0.041144338
cg17423978	-0.452470383	3.857303737	-4.192595591	0.000342564	0.041169724
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cg27582081	-0.474936287	3.383316479	-4.191607031	0.000343412	0.0411821
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cg12964970	-0.461827961	1.118754585	-4.191406831	0.000343584	0.041186526
cg04919190	0.856641051	-4.76689243	4.191368427	0.000343617	0.041186526
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cg02173098	-0.540126388	0.358333815	-4.191218472	0.000343746	0.041187486
cg15459243	-0.680707862	2.937651027	-4.191035253	0.000343903	0.041187486
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cg05760126	-0.430339529	3.78990329	-4.177965916	0.000355332	0.04137798
cg23266130	-0.581033344	2.660527129	-4.177646342	0.000355616	0.04137798
cg17936344	-0.862942094	-1.716213655	-4.177585272	0.00035567	0.04137798
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cg00990020	-0.524945897	3.322008053	-4.177481326	0.000355763	0.04137798
cg03597418	-0.811200743	1.739703881	-4.177378397	0.000355854	0.04137798
cg23957144	0.466374189	-3.76981067	4.177354204	0.000355876	0.04137798
cg05070931	-0.463762555	3.730784977	-4.177297343	0.000355927	0.04137798
cg12550998	-0.596665398	2.727594891	-4.177237963	0.000355979	0.04137798
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cg15036157	-0.539048688	2.996932278	-4.164619399	0.000367393	0.041474862
cg05381290	-0.442225759	4.164674113	-4.164374623	0.000367618	0.041489004
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cg08531998	-0.356655388	-1.172414245	-4.163289737	0.000368616	0.041504503
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cg23648926	-0.433432017	-1.852633066	-4.163188265	0.00036871	0.041504503
cg04527083	-0.532055139	-0.300141978	-4.162991684	0.000368891	0.041517923
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cg19945323	-0.406288875	-0.042843966	-4.161916217	0.000369885	0.041566069
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cg08856463	-0.507034391	3.635943463	-4.148809106	0.000382208	0.041877822
cg27094531	-0.611170292	2.500382246	-4.148760955	0.000382254	0.041877822
cg21985296	-0.508049871	-0.405399615	-4.148532461	0.000382472	0.041883575
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cg23078159	-0.597111554	1.856297579	-4.148503828	0.000382499	0.041883575
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cg03264356	-0.414727006	4.032423874	-4.148292404	0.000382702	0.041891164
cg06024252	-0.596096499	2.280009242	-4.148262568	0.00038273	0.041891164
cg13818168	-0.817207467	2.253898926	-4.148131964	0.000382855	0.041898371
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cg11750768	-0.652601578	3.768733759	-4.146933723	0.000384004	0.041958057
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cg12831960	-0.624229902	0.387575026	-4.146821835	0.000384111	0.041958057
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cg20181180	-0.523514189	3.419908245	-4.145857131	0.000385039	0.041983472
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cg10101533	-0.609935211	1.476892796	-4.134563305	0.000396064	0.042158574
cg25223716	-0.700946111	3.435059728	-4.134401781	0.000396224	0.042166149
cg01291285	-0.547324053	3.751246508	-4.134371223	0.000396255	0.042166149
cg05055322	-0.524817413	0.593082306	-4.134211023	0.000396413	0.042176701
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cg00932250	-0.36853658	-0.45872485	-4.133704625	0.000396915	0.042193203
cg03422137	-0.926743747	1.390668296	-4.133612021	0.000397007	0.042193203
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cg19144912	-0.52083552	2.924624408	-4.105831899	0.000425548	0.042805439
cg20498763	-0.696919202	-2.358091657	-4.105795052	0.000425587	0.042805439
cg22714601	-0.466482915	2.939086709	-4.10552576	0.000425874	0.042813873
cg03974400	-0.682769969	2.02688699	-4.105493601	0.000425908	0.042813873
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cg16523078	-0.571253548	2.532069124	-4.10542423	0.000425982	0.042813873
cg20343312	-0.47161818	-0.358494054	-4.10533838	0.000426073	0.042813873
cg06923767	0.662853436	2.287745652	4.105274048	0.000426142	0.042813873

cg10847656	-0.520641961	0.032008961	-4.105266877	0.000426149	0.042813873
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cg02777922	-0.713172099	3.400280347	-4.104985906	0.000426448	0.04283554
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cg15926677	-0.490535271	-0.321801361	-4.10451173	0.000426954	0.04283554
cg07164606	-0.43177703	3.815141064	-4.10446141	0.000427008	0.04283554
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cg24301771	-0.560043998	3.102886688	-4.104418441	0.000427053	0.04283554
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cg23484721	-0.489647818	4.5215632	-4.090638049	0.000442011	0.043301442
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cg27473162	-0.703145484	2.495664909	-4.090406278	0.000442266	0.043314537
cg15847996	-0.535861737	-1.615933379	-4.090281164	0.000442405	0.043320541
cg22592142	-0.520487567	-1.581082711	-4.090240097	0.00044245	0.043320541
cg06027629	-0.493792343	3.405337963	-4.089998524	0.000442717	0.043340698
cg13486491	-0.901864632	1.108262457	-4.089926267	0.000442797	0.04334253

cg26019259	-0.500573015	1.189134156	-4.089855678	0.000442875	0.043344184
cg05073720	-0.674123974	-0.789582756	-4.089648976	0.000443104	0.043360577
cg05344920	-0.629280228	3.683151526	-4.089572841	0.000443188	0.043362833
cg03315407	-0.883267169	-2.383003242	-4.089450387	0.000443324	0.043367856
cg16345899	-0.462733766	-0.236580636	-4.089405229	0.000443374	0.043367856
cg14789501	-0.509458356	0.330269098	-4.089360604	0.000443423	0.043367856
cg08193398	-0.526430134	3.562799199	-4.08921353	0.000443586	0.04337235
cg10023565	-0.574593137	3.563143212	-4.089190349	0.000443612	0.04337235
cg13335775	-0.499648587	-0.787676144	-4.089131579	0.000443677	0.04337235
cg25204176	-0.486909543	3.86385463	-4.089069268	0.000443746	0.04337235
cg10089827	-0.461643762	2.619323592	-4.089042837	0.000443775	0.04337235
cg21820921	0.766249417	-1.248823645	4.08865208	0.000444209	0.043408712
cg22810156	-0.435206126	3.799631116	-4.088486426	0.000444392	0.043414808
cg06255989	-0.517387708	3.607537202	-4.088485417	0.000444393	0.043414808
cg00414868	-0.824827442	2.650201685	-4.088425456	0.00044446	0.043415323
cg18838642	-0.725532731	-1.117672628	-4.088244118	0.000444661	0.043429003
cg09965499	-0.438292023	4.054917951	-4.088127816	0.000444791	0.043435631
cg26318645	-0.468589674	-1.14038586	-4.088071012	0.000444854	0.043435806
cg22884551	-0.503229775	3.676995073	-4.087888861	0.000445056	0.043445187
cg14552100	-0.554043727	3.290445198	-4.087874193	0.000445072	0.043445187
cg09750510	-0.51444747	2.825680039	-4.087737284	0.000445225	0.043448244
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cg18418238	-0.373536954	-0.957593314	-4.087675715	0.000445293	0.043448244
cg14277677	-0.416398191	-0.508504959	-4.087625396	0.000445349	0.043448244
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cg02725654	-0.776931063	-3.032275521	-4.087374474	0.000445628	0.043451546
cg10717869	-0.433575245	-1.925422668	-4.087205739	0.000445816	0.043461277
cg10898833	-0.708013545	2.730918166	-4.087174609	0.000445851	0.043461277
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cg24834960	-0.78046359	3.24865098	-4.086937736	0.000446115	0.043469052
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cg18754578	-0.519322518	3.484611372	-4.076434487	0.000457971	0.043694289
cg05376034	-0.375353854	-0.469420955	-4.076409993	0.000457999	0.043694289

cg14332927	-0.432316652	3.644948737	-4.076366918	0.000458049	0.043694289
cg04207869	-0.409681432	0.675610447	-4.076153779	0.000458292	0.043707144
cg23111190	-0.544144567	2.986300485	-4.076141283	0.000458307	0.043707144
cg25970454	-0.528225095	3.565887401	-4.076055686	0.000458405	0.043710603
cg04156643	-0.495522291	3.334677803	-4.075976299	0.000458496	0.043713384
cg01380884	-0.413004609	0.697871973	-4.07570222	0.000458809	0.04373225
cg01195099	-0.658461291	3.217677525	-4.075651324	0.000458868	0.04373225
cg23101005	-0.596007433	3.058159503	-4.075514716	0.000459024	0.04373225
cg09171763	0.509037008	2.860973979	4.075434207	0.000459117	0.04373225
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cg26743136	-0.542121242	0.280429429	-4.075408295	0.000459146	0.04373225
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cg23216498	-0.428709668	4.139159809	-4.07520983	0.000459374	0.04373225
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cg26094195	-0.513555506	3.178466294	-4.075041878	0.000459567	0.04373225
cg10581117	-0.62424648	3.349809614	-4.074946965	0.000459676	0.04373225
cg01609275	-0.398818273	-1.631644508	-4.07492383	0.000459702	0.04373225
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cg02909136	-0.68152891	-3.011402414	-4.074201386	0.000460532	0.043749574
cg14035807	0.5566127	3.527787208	4.074032493	0.000460726	0.043749574
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cg23516227	-0.445235747	-0.357052618	-4.07392382	0.000460851	0.043749574
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cg18970250	-0.471150058	3.514663322	-4.062576561	0.000474095	0.044092318
cg05821075	-0.517614449	1.99967596	-4.062563899	0.00047411	0.044092318
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cg09655887	-0.497761266	3.639574255	-4.062318179	0.000474401	0.044092385
cg03226511	-0.492186749	3.544946438	-4.062300434	0.000474422	0.044092385
cg27386033	-0.618603644	3.525454318	-4.061979363	0.000474802	0.044110924
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cg24093964	-0.437087877	3.685275916	-4.061574164	0.000475282	0.044110924
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cg07112755	-0.631065075	2.576438727	-4.061551056	0.00047531	0.044110924
cg14623600	-0.747889519	3.39457993	-4.061548694	0.000475313	0.044110924
cg05697394	-0.560990666	3.234181518	-4.06154143	0.000475321	0.044110924
cg21877464	-0.459532431	-0.128279517	-4.061518142	0.000475349	0.044110924
cg20598190	-0.6453878	1.228475222	-4.06150188	0.000475368	0.044110924
cg07358196	-0.390931003	3.756736914	-4.061425192	0.000475459	0.044113592
cg10581876	-0.511888394	1.952118407	-4.061223551	0.000475699	0.044121292
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cg15839831	-0.497988742	3.241807725	-4.060539345	0.000476512	0.044136103
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cg01039257	-0.470397274	3.427202014	-4.051102688	0.000487869	0.044237744
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cg02642549	-0.667416119	1.550383203	-4.051013195	0.000487978	0.044237744
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cg21534931	-0.465553775	-0.180469874	-4.050371135	0.000488761	0.044247596
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cg03810769	-0.388203313	-0.448171795	-4.050311364	0.000488834	0.044247596
cg16313815	-0.367750305	4.432579293	-4.050149694	0.000489031	0.044252133
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cg26629625	-0.507952727	3.045563871	-4.038509955	0.000503445	0.044567829
cg19209911	-0.711068321	4.304712379	-4.038448584	0.000503522	0.044569084
cg22441882	-0.410098752	-0.698692884	-4.038052937	0.000504019	0.044604367
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cg17829746	-0.47126	-0.036599927	-4.037280464	0.000504992	0.044648969
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cg12578955	-0.48247203	-0.567880348	-4.024825544	0.00052093	0.045026065
cg26871185	-0.669848463	3.547057347	-4.024714318	0.000521074	0.045026065
cg25084014	-0.404633404	-0.440520838	-4.024564988	0.000521269	0.045026065
cg10463419	-0.450198369	3.637176942	-4.024546841	0.000521292	0.045026065
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cg02192541	-0.493642291	3.713665914	-4.024428808	0.000521446	0.045026065
cg17120273	-0.627745262	0.68839772	-4.024362139	0.000521532	0.045026065
cg13651876	-0.561219445	-0.283922853	-4.02434677	0.000521552	0.045026065
cg26888315	-0.797360787	1.959418125	-4.024337015	0.000521565	0.045026065
cg10551504	-0.586701044	3.811912151	-4.0242176	0.000521721	0.045026065
cg03740148	-0.4361868	4.165193063	-4.02420965	0.000521731	0.045026065
cg02264871	-0.575127115	4.087364808	-4.024203066	0.000521739	0.045026065
cg23728398	-0.468307064	3.661901523	-4.024173099	0.000521778	0.045026065
cg04330597	-0.485170893	0.45404573	-4.024117357	0.000521851	0.045026633
cg05730301	0.621875959	-4.291473493	4.023998263	0.000522006	0.045026633
cg10896077	-0.430767762	-1.243555843	-4.023918356	0.00052211	0.045026633
cg07212543	-0.527109545	-0.700905794	-4.023869075	0.000522174	0.045026633
cg07850407	-0.475432557	3.835520146	-4.023860222	0.000522186	0.045026633
cg01591738	-0.734159481	2.496782232	-4.02379894	0.000522266	0.045026633
cg03135014	-0.476787581	3.697866512	-4.023762497	0.000522313	0.045026633
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cg01012540	-0.477730485	3.687152334	-4.023562794	0.000522573	0.045034319
cg16430407	-0.450159128	3.742543931	-4.023383926	0.000522807	0.04504057
cg09638873	-0.738145224	2.56539066	-4.023088592	0.000523192	0.04504057
cg03566001	-0.584659216	2.847616078	-4.023051212	0.000523241	0.04504057
cg21047884	-0.460760267	3.676998007	-4.023047593	0.000523245	0.04504057

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cg09056639	-0.475524275	4.186257609	-4.012932644	0.000536614	0.045299565
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cg26101183	-0.435058556	-1.433840934	-4.012847821	0.000536728	0.045299565
cg12883491	-0.390077596	3.61825545	-4.012840401	0.000536737	0.045299565
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cg10511701	0.80344485	-4.956272288	4.012573615	0.000537095	0.045300402
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cg14264355	-0.512770506	-0.907639626	-4.012438586	0.000537276	0.045300402
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cg09078517	-0.768450024	-3.449417888	-4.012173496	0.000537631	0.045306066
cg25379954	-0.65572945	0.187283831	-4.012131894	0.000537687	0.045306066
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cg16012953	-0.420525828	3.919708616	-4.001518355	0.000552107	0.045557717
cg14360799	-0.432308038	-1.23925976	-4.001508155	0.000552121	0.045557717
cg17496142	-0.537805905	3.123878042	-4.001387033	0.000552288	0.045563921
cg23540272	-0.762121007	2.556935389	-4.0013363	0.000552357	0.045563921
cg16431067	-0.641200517	1.630636017	-4.001313402	0.000552389	0.045563921
cg21932368	-0.543224661	-2.65188168	-4.001211962	0.000552529	0.045567242
cg07803864	-0.459055222	3.919099257	-4.001190778	0.000552558	0.045567242
cg20198095	-0.605072701	3.261118436	-4.001110432	0.000552669	0.045570902
cg04148941	-0.45025078	-0.142905984	-4.001040179	0.000552765	0.045570902
cg02213001	-0.465787899	4.053328598	-4.000950847	0.000552889	0.045570902
cg10784298	-0.307677331	-0.068659746	-4.00093574	0.000552909	0.045570902
cg04670031	-0.538557633	2.908064255	-4.000925166	0.000552924	0.045570902
cg09617135	-0.593511515	-2.264756628	-4.000731089	0.000553192	0.045587654
cg01814991	-0.546201367	3.276965216	-4.000566027	0.000553419	0.045597507
cg04337725	-0.594264558	3.364689834	-4.000551108	0.00055344	0.045597507
cg03143333	-0.441170497	3.522221808	-4.000322061	0.000553756	0.045609043
cg20564679	-0.695337258	2.512199392	-4.000299026	0.000553788	0.045609043

cg10581365	-0.522087576	3.348827993	-4.000268836	0.000553829	0.045609043
cg09673047	-0.473508505	3.475782297	-4.000240871	0.000553868	0.045609043
cg08388039	-0.336770823	3.460703142	-4.000216465	0.000553902	0.045609043
cg21498161	-0.549448224	3.570225116	-4.000110704	0.000554048	0.045610056
cg10181698	-0.739421272	1.515969459	-4.000096483	0.000554067	0.045610056
cg18251108	-0.598830472	-1.971475171	-4.00004122	0.000554144	0.045610056
cg23466241	-0.546448022	3.674185512	-4.000021103	0.000554172	0.045610056
cg18302315	-0.787393583	2.169619683	-3.999953337	0.000554265	0.045612463
cg01975338	-0.56780663	3.271980061	-3.999852321	0.000554405	0.045618653
cg15443628	-0.387363798	-1.204297913	-3.999702326	0.000554612	0.045630415
cg23947043	-0.773253966	0.932318679	-3.999622944	0.000554722	0.045634147
cg06179698	-0.441600622	3.774897891	-3.999407628	0.00055502	0.04564937
cg25185966	-0.684446599	1.790936889	-3.999357561	0.000555089	0.04564937
cg14173642	-0.505220388	3.317852459	-3.999349444	0.0005551	0.04564937
cg06514313	-0.398334874	3.721616267	-3.999287254	0.000555186	0.045651149
cg15612257	-0.327717681	-0.161769309	-3.999198317	0.00055531	0.045655973
cg18113467	-0.466184852	3.289063518	-3.999076826	0.000555478	0.045663131
cg21940302	-0.698099294	2.265493518	-3.999042337	0.000555526	0.045663131
cg26051856	-0.481102595	4.149140113	-3.998967722	0.000555629	0.045666328
cg15678685	-0.92897423	1.245145925	-3.998900357	0.000555722	0.045668699
cg18605135	-0.419877064	3.639621529	-3.998807595	0.000555851	0.045673963
cg24796998	0.377187817	1.316422363	3.998754734	0.000555924	0.045674685
cg03012310	-0.415214334	-1.401550884	-3.998626478	0.000556102	0.045680526
cg07221298	-0.604470212	0.412107078	-3.998540955	0.00055622	0.045680526
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cg02062018	-0.528912968	-0.735482121	-3.989790508	0.000568487	0.04587998
cg27536962	-0.476295992	3.598448408	-3.989779269	0.000568503	0.04587998
cg21833419	-0.478943153	3.079795401	-3.989754446	0.000568538	0.04587998
cg02309725	-0.628023294	3.483014899	-3.989673389	0.000568653	0.04587998
cg27543308	-0.566018685	3.636539219	-3.989671121	0.000568656	0.04587998
ch.2.4478726F	-0.487613864	-1.56827649	-3.989531523	0.000568854	0.04589072
cg16946290	-0.578425243	-0.333349418	-3.989379134	0.00056907	0.04589315
cg23880631	0.702216072	-4.523556684	3.989364794	0.00056909	0.04589315
cg04891802	-0.400112034	0.027177942	-3.989359635	0.000569098	0.04589315
cg05448059	-0.545052949	4.13312539	-3.989327568	0.000569143	0.04589315
cg05859039	0.805973587	-2.721808592	3.989151189	0.000569393	0.045904662
cg03447603	-0.676497783	3.08750597	-3.989110375	0.000569451	0.045904662
cg22044207	-0.535405528	2.453229605	-3.989066182	0.000569514	0.045904662

cg22456178	-0.557728107	-1.637047937	-3.989044306	0.000569545	0.045904662
cg26571535	-0.540456096	3.437180134	-3.988979768	0.000569637	0.045906824
cg01386978	-0.742677089	4.500362429	-3.988903501	0.000569745	0.045908167
cg09140833	-0.640589237	3.321176267	-3.988876754	0.000569783	0.045908167
cg01182236	-0.514243296	2.904105501	-3.988768638	0.000569937	0.045915318
cg12912394	-0.478740922	3.486415757	-3.988627115	0.000570138	0.045921801
cg16030275	-0.461473382	4.243977675	-3.988620753	0.000570147	0.045921801
cg12827830	-0.47581067	3.7156186	-3.988480651	0.000570346	0.045925651
cg24288715	-0.552888588	0.627075604	-3.988451935	0.000570387	0.045925651
cg04232209	-0.489088517	3.466921597	-3.988441927	0.000570401	0.045925651
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cg01111006	-0.682920869	0.004695269	-3.987472566	0.000571781	0.045933226
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cg16253976	-0.552359144	1.772133679	-3.979212234	0.000583674	0.046068464
cg16848930	-0.513481916	2.791204657	-3.97902169	0.000583951	0.046075655

cg17441559	0.820284278	-3.332158444	3.978998947	0.000583984	0.046075655
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cg18080303	-0.574177682	-0.758424477	-3.978859076	0.000584188	0.046075655
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cg05199232	-0.405042938	2.930098625	-3.968828764	0.000598971	0.04629564
cg24321566	-0.527681884	-0.022075672	-3.968819323	0.000598985	0.04629564
cg11533825	-0.461991989	0.216082745	-3.968741114	0.000599102	0.04629564

cg16393928	-0.476912726	-1.327919544	-3.968723477	0.000599129	0.04629564
cg10363549	-0.605453794	3.55035562	-3.968697693	0.000599167	0.04629564
cg19034038	-0.446384757	-1.926963112	-3.968642422	0.00059925	0.04629564
cg15003147	-0.432100489	4.189488543	-3.968618729	0.000599285	0.04629564
cg24721517	-0.629906548	2.90807415	-3.968526529	0.000599423	0.04629564
cg27574608	-0.593947769	2.587551915	-3.968522325	0.000599429	0.04629564
cg27185183	-0.426130408	4.036716702	-3.968455756	0.000599528	0.04629564
cg15218862	-0.53966996	3.084689029	-3.968454946	0.000599529	0.04629564
cg14808684	-0.502351251	2.764823677	-3.96843919	0.000599553	0.04629564
cg10784597	-0.522415329	2.669630161	-3.968342524	0.000599697	0.04629564
cg14398342	-0.705653632	1.980988111	-3.968325197	0.000599723	0.04629564
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cg01682915	-0.835362661	1.679923474	-3.968190942	0.000599924	0.04629564
cg13514049	-0.963574025	-2.543596681	-3.968163151	0.000599965	0.04629564
cg27551597	-0.535756182	3.148802004	-3.968157686	0.000599974	0.04629564
cg20088961	-0.424873983	0.427250536	-3.968103648	0.000600054	0.04629564
cg02286506	0.430622257	2.366357609	3.968071078	0.000600103	0.04629564
cg21403156	-0.471132051	3.391507308	-3.96804271	0.000600145	0.04629564
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cg16017521	0.322531867	3.119428085	3.96746025	0.000601017	0.046320898
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cg02928644	-0.554281776	-1.342643533	-3.9674413	0.000601045	0.046320898
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cg22312091	-0.583167658	3.204518211	-3.967160609	0.000601466	0.046335784
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cg20483374	-0.622627288	-1.176468798	-3.958188136	0.00061506	0.046572452
cg13372624	-0.537856769	3.043387507	-3.9581226	0.00061516	0.046572452
cg01869804	-0.579798091	3.238405941	-3.958095795	0.000615201	0.046572452
cg14428628	-0.427573077	3.059756009	-3.958018562	0.00061532	0.046572452
cg14798255	-0.440707906	3.472658787	-3.957946608	0.00061543	0.046572452
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cg01843489	-0.569609816	3.420801845	-3.957899471	0.000615502	0.046572452
cg19957506	-0.530174725	3.937597592	-3.957674251	0.000615848	0.046592767
cg06787622	-0.61783425	2.99464857	-3.957593629	0.000615971	0.046592767
cg04905719	-0.573893779	-1.672677474	-3.957581048	0.000615991	0.046592767
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cg00920244	-0.412446818	0.148152704	-3.957331719	0.000616373	0.046603618
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cg15604733	-0.47878117	4.113738394	-3.95726093	0.000616482	0.046603618
cg27240008	-0.395101828	0.337464988	-3.957233837	0.000616523	0.046603618
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cg17987666	-0.603222365	2.806133911	-3.956741312	0.00061728	0.046638742
cg04924893	-0.412361745	3.227589147	-3.95672841	0.0006173	0.046638742
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cg15999997	-0.494270715	3.735166249	-3.956087648	0.000618286	0.046669435
cg16360576	-0.628513812	2.433602923	-3.956082565	0.000618294	0.046669435
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cg04128804	-0.529749174	2.726697831	-3.938302634	0.000646281	0.047018048
cg19370065	-0.439924516	-0.538477687	-3.938069377	0.000646657	0.047037086
cg08763666	-0.571670767	2.820257204	-3.938057513	0.000646676	0.047037086
cg05669151	-0.432703329	0.241852549	-3.937959718	0.000646833	0.047040374
cg21666801	-0.49533427	3.747247116	-3.937946946	0.000646854	0.047040374
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cg24438974	-0.610962374	2.870536237	-3.937830926	0.000647041	0.047041285
cg10732087	-0.330323817	-0.071825675	-3.937815465	0.000647066	0.047041285
cg23882545	0.81266527	-0.02465671	3.937696687	0.000647257	0.047045625
cg01114124	-0.417131093	-0.4525722	-3.937695965	0.000647258	0.047045625
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cg17797848	-0.604512619	0.097051227	-3.937239491	0.000647994	0.047080889
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cg03111727	-0.451106007	3.811922274	-3.937071478	0.000648265	0.047080889
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cg14123840	-0.753337799	2.411438705	-3.937048516	0.000648302	0.047080889
cg01393579	-0.507005552	2.168875095	-3.937024169	0.000648341	0.047080889
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cg10211209	-0.565561898	3.244773431	-3.936419675	0.000649318	0.047098677
cg19414302	-0.368582327	-0.067134067	-3.936283005	0.000649539	0.047109879
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cg12481734	-1.28250275	-5.811149648	-3.936017192	0.000649969	0.047117501
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cg20574112	-0.43438334	3.756994252	-3.926798556	0.000665054	0.047452973
cg14276379	-0.660363931	-1.931868548	-3.926735863	0.000665158	0.047455597
cg04208160	-0.652446864	1.586093181	-3.926682154	0.000665247	0.047457161
cg20280631	-0.522504173	3.789151563	-3.926587627	0.000665403	0.047462313
cg16544366	-0.508470519	2.255562339	-3.926533075	0.000665494	0.047462313
cg05277865	-0.465407628	4.382930864	-3.926517157	0.00066552	0.047462313
cg23498445	-1.132780549	-1.865646218	-3.92645748	0.000665619	0.047464583
cg24452303	-0.660252035	-4.005818203	-3.926204436	0.000666038	0.047487296
cg13075444	0.458505403	1.626860285	3.926184345	0.000666072	0.047487296
cg12990093	-0.480754434	3.50354063	-3.926033185	0.000666322	0.047500382
cg07638027	-0.776929688	1.667553746	-3.925869762	0.000666593	0.047503768
cg03449148	-0.684455754	3.130945029	-3.925810903	0.000666691	0.047503768
cg07266249	-0.642610218	3.696898999	-3.925772638	0.000666754	0.047503768
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cg22567444	-0.478446535	-0.537032886	-3.925598029	0.000667044	0.047503768
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cg07291387	-0.373601662	2.497393025	-3.917688023	0.000680303	0.047601134
cg02381426	-0.632255217	2.79410302	-3.917656584	0.000680356	0.047601134
cg06289323	-0.508101345	2.691156899	-3.917616312	0.000680424	0.047601134
cg10244128	-0.434999852	3.671681814	-3.917584705	0.000680478	0.047601134
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cg09670739	-0.268303505	3.866593703	-3.917557216	0.000680525	0.047601134
cg20583714	-0.642566071	2.543451343	-3.917548025	0.00068054	0.047601134
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cg19311889	0.50404419	-4.333387541	3.917446832	0.000680711	0.047601134
cg22901226	0.568350567	-3.136233698	3.917431745	0.000680737	0.047601134
cg13214630	-0.490653017	-0.184187409	-3.917427772	0.000680744	0.047601134
cg15832408	-0.485765002	3.875426544	-3.917323139	0.000680921	0.047601134
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cg03893806	-0.477021731	3.474022108	-3.917214055	0.000681106	0.047601134
cg25846864	-0.499217085	3.397735893	-3.917212927	0.000681108	0.047601134
cg12644393	-0.415521429	4.03119483	-3.917107483	0.000681286	0.047606484
cg21151541	-0.479913615	2.833529108	-3.917088455	0.000681319	0.047606484
cg25671025	-0.631578244	2.391363901	-3.917016274	0.000681441	0.04760919
cg09482308	-0.438657344	2.530537095	-3.916982544	0.000681498	0.04760919
cg01774131	-0.528608545	2.993241675	-3.916946692	0.000681559	0.04760919
cg21121742	-0.499623036	-1.716557688	-3.916816359	0.00068178	0.047610432
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cg17306004	-0.296128995	-0.567542216	-3.916741186	0.000681908	0.047610432
cg22240492	-0.555801681	3.300729357	-3.916738075	0.000681913	0.047610432
cg12301301	-0.509478647	3.560597624	-3.91666561	0.000682036	0.047611546
cg17769523	-0.517638042	3.21408835	-3.916647067	0.000682067	0.047611546
cg13930766	-0.519575087	1.420882143	-3.916609844	0.00068213	0.047611546
cg19021144	-0.773259495	2.288717893	-3.916563719	0.000682209	0.04761223
cg18865126	-0.437497093	0.47720072	-3.916524872	0.000682275	0.04761223

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cg12874219	-0.370199754	3.546977308	-3.908903088	0.000695334	0.047787006
cg08920233	-0.38821268	4.101281192	-3.908848541	0.000695429	0.047787006
cg03705558	-0.547889266	-2.226299014	-3.908842113	0.00069544	0.047787006
cg09191958	0.668210496	3.315287805	3.908804239	0.000695505	0.047787006
cg17671100	-0.421978953	-0.217243008	-3.908629141	0.000695808	0.047803187
cg05163650	-0.507011584	3.92299045	-3.908536401	0.000695969	0.047809579
cg21004290	-0.457316236	3.622271059	-3.908474603	0.000696076	0.047812292
cg22542334	-0.579576344	3.550999256	-3.908379852	0.00069624	0.047818925
cg12249234	-0.491491159	-1.895269062	-3.908324382	0.000696336	0.047820886
cg08710911	-0.468145033	-1.404645055	-3.908285294	0.000696404	0.0478209
cg01157470	-0.518085669	3.411341211	-3.908175884	0.000696593	0.047825589
cg01651296	-0.39053751	-0.150256508	-3.908120671	0.000696689	0.047825589
cg17205652	-0.514083067	3.298887054	-3.908053654	0.000696805	0.047825589
cg06121719	-0.528530748	3.558216557	-3.908044098	0.000696821	0.047825589
cg08080919	-0.437714372	3.781138631	-3.908037057	0.000696834	0.047825589
cg01655161	-0.524983014	3.507286904	-3.907896014	0.000697078	0.047825589
cg10151196	-0.376887539	-0.443478326	-3.90785798	0.000697144	0.047825589
cg11048682	-0.577433803	-0.112350093	-3.907853962	0.000697151	0.047825589
cg24094897	-0.571032305	-0.02104053	-3.907848635	0.00069716	0.047825589
cg08397344	-0.371963181	-1.085291494	-3.90775932	0.000697315	0.047825589
cg01725746	0.550321742	2.431729547	3.907664002	0.000697481	0.047825589
cg00608338	-0.42774546	3.37260674	-3.907662435	0.000697483	0.047825589
cg27002247	0.969315144	-0.592284879	3.907563226	0.000697655	0.047825589
cg16098001	-0.427842974	3.795796701	-3.907474355	0.00069781	0.047825589
cg03239746	-0.435271046	3.666410798	-3.907459272	0.000697836	0.047825589
cg23525708	-0.618602616	-2.207562713	-3.907424462	0.000697896	0.047825589
cg25703598	-0.354501466	3.722177601	-3.907385068	0.000697965	0.047825589
cg19533981	-0.614594078	1.458324788	-3.907384044	0.000697966	0.047825589
cg03549129	-0.38704243	4.033878553	-3.90735872	0.00069801	0.047825589
cg21961901	-0.558953131	3.094130406	-3.907355696	0.000698016	0.047825589
cg05876246	-0.738753951	-1.419939232	-3.907290465	0.000698129	0.047825589
cg06487138	-0.347738574	4.145927541	-3.907242197	0.000698213	0.047825589
cg03668686	-0.334288717	-0.015983074	-3.907195985	0.000698293	0.047825589

cg22796480	-0.533956647	3.929828362	-3.907181123	0.000698319	0.047825589
cg19149132	-0.410703555	-0.505499771	-3.907133384	0.000698402	0.047825589
cg13674711	-0.457420424	3.133770829	-3.907076346	0.000698501	0.047825589
cg14724841	-0.553281157	3.838541281	-3.907055492	0.000698537	0.047825589
cg25644284	-0.728993833	-1.034780172	-3.907002652	0.000698629	0.047825589
cg25578013	-0.475177793	0.382534902	-3.906986138	0.000698657	0.047825589
cg19439285	-0.411705993	3.690281718	-3.906985501	0.000698659	0.047825589
cg10533098	-0.634519932	1.89278027	-3.906955166	0.000698711	0.047825589
cg20695627	-0.544477242	-1.320885019	-3.906938174	0.000698741	0.047825589
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cg19039809	-0.770054828	2.992226733	-3.906896816	0.000698813	0.047825589
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cg05837928	-0.496565757	3.472286507	-3.906774982	0.000699025	0.047825589
cg08909330	-0.563942989	3.608760826	-3.906632069	0.000699273	0.047825589
cg13693322	-0.48697843	3.768491891	-3.906582176	0.00069936	0.047825589
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cg00452530	-0.523545488	3.926600569	-3.906554323	0.000699408	0.047825589
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cg10521480	-0.414728804	-0.543115667	-3.90568824	0.000700916	0.047832529
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cg21692850	-0.398149967	3.71626474	-3.905611043	0.000701051	0.047832529
cg00425361	-0.485767452	3.412175556	-3.905606463	0.000701059	0.047832529
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cg18852038	-0.371846035	3.795520242	-3.905360056	0.000701489	0.047832529
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cg14457499	-0.617909458	4.192774265	-3.903856264	0.000704117	0.047886402
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cg16338844	0.59577615	3.569277282	3.903618187	0.000704534	0.047895099
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cg13704331	-0.447296731	4.338201026	-3.903594287	0.000704576	0.047895099
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cg17255277	-0.624814632	2.976252138	-3.903156726	0.000705343	0.047900804
cg02843331	-2.075917693	2.499420496	-3.903081361	0.000705476	0.04790519
cg21913528	-0.404057199	0.273607807	-3.902992802	0.000705631	0.047910833

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ch.16.1711323F	-0.810133418	-3.242205564	-3.902829293	0.000705918	0.047910833
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cg24149024	-0.386530324	3.839603938	-3.902531554	0.000706441	0.047913287
cg19388805	-0.552970831	2.280914265	-3.902493431	0.000706508	0.047913287
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cg06215562	-0.572595069	1.198131205	-3.902174019	0.000707069	0.047916952
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ch.4.167276096F	-0.668796999	-3.20157045	-3.900796558	0.000709496	0.047955727
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cg07934264	-1.159046117	2.764381344	-3.900641835	0.000709769	0.047955727

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cg07181000	-0.485091316	3.745840011	-3.891051385	0.000726897	0.048133366
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cg10778770	-0.578437419	3.388104796	-3.891036357	0.000726924	0.048133366
cg22290704	-0.464343673	2.948548268	-3.891029777	0.000726936	0.048133366
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cg06142662	-0.412377437	3.959507625	-3.890703508	0.000727526	0.048151663
cg13459077	-0.615659476	2.640698949	-3.890610201	0.000727695	0.048154067
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cg06586469	-0.57328644	2.564992192	-3.890396467	0.000728082	0.048154074
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cg11556122	-0.539410481	3.496072113	-3.881965701	0.000743501	0.048361116
cg03358351	-0.553243169	3.279939669	-3.881907522	0.000743609	0.048361116
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cg15737510	-0.554594766	3.402002952	-3.881748731	0.000743902	0.048361116
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cg10587895	-0.674237181	2.508592263	-3.881413393	0.000744522	0.04836549

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cg26557993	-0.679737756	1.580826903	-3.881399161	0.000744549	0.04836549
cg18277507	-0.363645571	0.365332087	-3.881182403	0.00074495	0.048385605
cg08857108	-0.622348649	3.063238022	-3.881158075	0.000744995	0.048385605
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cg15273618	-0.506725521	-0.183457108	-3.880642582	0.00074595	0.048403257
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cg16521454	-0.528768666	-1.646547606	-3.872584808	0.000761037	0.048664368
cg08956208	0.73019194	2.206408858	3.872503109	0.000761192	0.048664368
cg21724450	-0.360365231	0.549131063	-3.872482516	0.000761231	0.048664368
cg24235862	-0.515172295	3.448320515	-3.872479788	0.000761236	0.048664368
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cg04351597	-0.356987241	-0.356954161	-3.871881869	0.000762368	0.048688102
cg10073280	-0.623735486	2.837898789	-3.871754911	0.000762608	0.048696766
cg22704788	-0.486534041	-1.540965229	-3.871732773	0.00076265	0.048696766
cg11653645	-0.412469143	-0.798477278	-3.871661103	0.000762786	0.048696766
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cg24640583	-0.466393634	0.47690492	-3.871628875	0.000762847	0.048696766
cg09720597	-0.68753772	2.759233791	-3.871575004	0.000762949	0.048698896
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cg16915628	0.437269692	1.290074588	3.853453091	0.000798078	0.049298822
cg23165500	-0.417010533	-0.350999998	-3.853435198	0.000798113	0.049298822
cg03871180	-0.5215198	3.738340859	-3.853412585	0.000798158	0.049298822
cg27114354	-0.495531986	3.775199759	-3.853409342	0.000798164	0.049298822
cg24215858	-0.401646272	4.072449994	-3.853406172	0.000798171	0.049298822
cg04663750	-0.46002471	-1.365337753	-3.853389148	0.000798204	0.049298822
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cg22194948	-0.763063225	-4.071295144	-3.853348131	0.000798286	0.049298822
cg07764158	-0.515824	3.631011211	-3.853319128	0.000798343	0.049298822

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cg25431366	-0.411233122	-0.769062886	-3.853141793	0.000798695	0.049298822
cg21499486	-0.563043796	1.614617002	-3.853053314	0.00079887	0.049298822
cg20118596	-0.90269306	0.067226819	-3.853035392	0.000798906	0.049298822
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cg26729605	-0.762927847	2.301963438	-3.85299955	0.000798977	0.049298822
cg21005226	-0.348834607	0.821995237	-3.85297768	0.00079902	0.049298822
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cg20412744	-0.627356868	2.460387963	-3.845227533	0.000814545	0.049523605
cg00725345	0.426993479	2.031490545	3.845191209	0.000814618	0.049523605
cg21912448	-0.536197446	2.527966794	-3.845135419	0.000814731	0.049523605
cg21558029	-0.417801498	4.233668306	-3.845124608	0.000814753	0.049523605
cg12721695	0.428505537	1.785281182	3.845096397	0.00081481	0.049523605

cg20142941	-0.40824155	4.120550869	-3.845024008	0.000814957	0.049525497
cg22909949	-0.76021581	1.886812872	-3.845011895	0.000814981	0.049525497
cg24471070	-0.566603536	2.719995564	-3.844917336	0.000815172	0.049532875
cg07333715	-0.443700403	-2.036456292	-3.844782822	0.000815445	0.049535152
cg01904912	-0.751629589	2.157670999	-3.844676371	0.00081566	0.049535152
cg11402099	-0.388489087	3.920465713	-3.84467072	0.000815672	0.049535152
cg20272779	-0.417759379	3.564121724	-3.844664396	0.000815684	0.049535152
cg18064463	-0.412112671	3.875964193	-3.8446456	0.000815722	0.049535152
cg25362900	-0.930464209	1.818170877	-3.844631636	0.000815751	0.049535152
cg11785537	-0.610469882	2.304328319	-3.844583782	0.000815848	0.049535152
cg24656388	-0.475219375	3.411483526	-3.844568523	0.000815879	0.049535152
cg17533626	-0.472047033	2.944997517	-3.844553074	0.00081591	0.049535152
cg22360317	-0.45553548	4.183183447	-3.844522144	0.000815973	0.049535152
cg10760299	-0.535742174	-1.735417935	-3.844518929	0.000815979	0.049535152
cg05388262	-0.604104988	-1.887931211	-3.844443481	0.000816132	0.049537397
cg22049769	-0.422559835	4.03857477	-3.844431639	0.000816156	0.049537397
cg24338003	-0.652920658	3.158423751	-3.844342487	0.000816337	0.04953967
cg25424600	-0.446676954	4.347732908	-3.844314209	0.000816394	0.04953967
cg02660321	-0.544650119	3.589707068	-3.844241188	0.000816542	0.04953967
cg02628445	-0.517530727	3.560742729	-3.844216859	0.000816591	0.04953967
cg20141584	-0.419270403	3.847325815	-3.844206659	0.000816612	0.04953967
cg15719431	-1.007468767	1.902027633	-3.84420613	0.000816613	0.04953967
cg08299687	-0.474237858	0.54250776	-3.84410625	0.000816815	0.049547145
cg10593009	-0.360902413	-0.474900564	-3.844074472	0.00081688	0.049547145
cg19698099	-0.541881202	3.710034391	-3.844041873	0.000816946	0.049547145
cg08354227	-0.759780085	-1.173354957	-3.843908844	0.000817216	0.049552694
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cg08037624	-0.579511938	-0.737025329	-3.843800113	0.000817436	0.049552694
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cg04058080	-0.395315442	-0.653887268	-3.843643971	0.000817753	0.049554317
cg23655858	-0.557357024	3.948626005	-3.843609035	0.000817824	0.049554317
cg13827361	-0.413052848	0.084662419	-3.843592475	0.000817858	0.049554317
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cg20929474	-0.389169747	3.15977354	-3.837085577	0.000831175	0.049724353
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cg09787101	-0.446954581	-0.049523131	-3.837020335	0.000831309	0.049724353

cg23683962	-0.463569661	3.954790933	-3.836928538	0.000831499	0.049729999
cg16633687	-0.368587977	4.513432161	-3.836889141	0.00083158	0.049729999
cg26478333	-0.437880949	3.534323493	-3.836818781	0.000831725	0.049729999
cg15647328	-0.486541675	3.906370408	-3.836811881	0.00083174	0.049729999
cg10074661	-0.477294617	3.323156673	-3.836804517	0.000831755	0.049729999
cg19215206	-0.54107797	2.61952801	-3.836644327	0.000832086	0.049733891
cg08514128	-0.489229754	3.048903092	-3.836629745	0.000832116	0.049733891
cg00832546	-0.533756691	-1.081074159	-3.836617212	0.000832142	0.049733891
cg03759001	-0.525611854	2.617438608	-3.836585707	0.000832207	0.049733891
cg12642773	-0.449656255	3.988057577	-3.836582338	0.000832214	0.049733891
cg20448308	-0.457703101	0.36217572	-3.836569	0.000832241	0.049733891
cg21433612	-0.38926	3.275689875	-3.83646389	0.000832458	0.049741684
cg07356373	-0.480635303	2.971478119	-3.836408964	0.000832572	0.049741684
cg26800107	-0.647899712	2.993580259	-3.836403909	0.000832582	0.049741684
cg19403132	0.550836943	1.47408766	3.836328211	0.000832739	0.049746835
cg11857223	-0.443988275	-1.746251927	-3.836172104	0.000833061	0.049755681
cg08886020	-0.386249346	0.608034946	-3.836169912	0.000833066	0.049755681
cg18579187	-0.585758999	0.666249793	-3.836154644	0.000833098	0.049755681
cg19002094	-0.432711477	3.711839568	-3.836089199	0.000833233	0.049759568
cg10647959	-0.562938051	3.685772742	-3.835993264	0.000833431	0.049767222
cg14690181	-0.350469546	-0.2325667	-3.835943832	0.000833534	0.049769133
cg07055397	-0.45852634	-0.114256404	-3.835896327	0.000833632	0.049770806
cg25975856	-0.675376753	-2.035070263	-3.835837979	0.000833753	0.049772369
cg18421806	-0.582555797	3.268150483	-3.835815763	0.000833799	0.049772369
cg03467567	-0.79814237	1.561019826	-3.83577357	0.000833886	0.049773387
cg07475527	-0.505156983	3.380149589	-3.835674618	0.000834091	0.049779225
cg11843735	0.564125974	2.08233097	3.835643092	0.000834156	0.049779225
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cg13940125	-0.543806915	-0.150833659	-3.835482754	0.000834488	0.049786036
cg15649327	-0.373212008	4.104222722	-3.835467528	0.000834519	0.049786036
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cg10332422	-0.462253582	4.464079354	-3.835387895	0.000834684	0.049787491
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cg08814860	-0.731771892	2.467590729	-3.835018566	0.00083545	0.049805866
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