

Mäurer et. al 2007

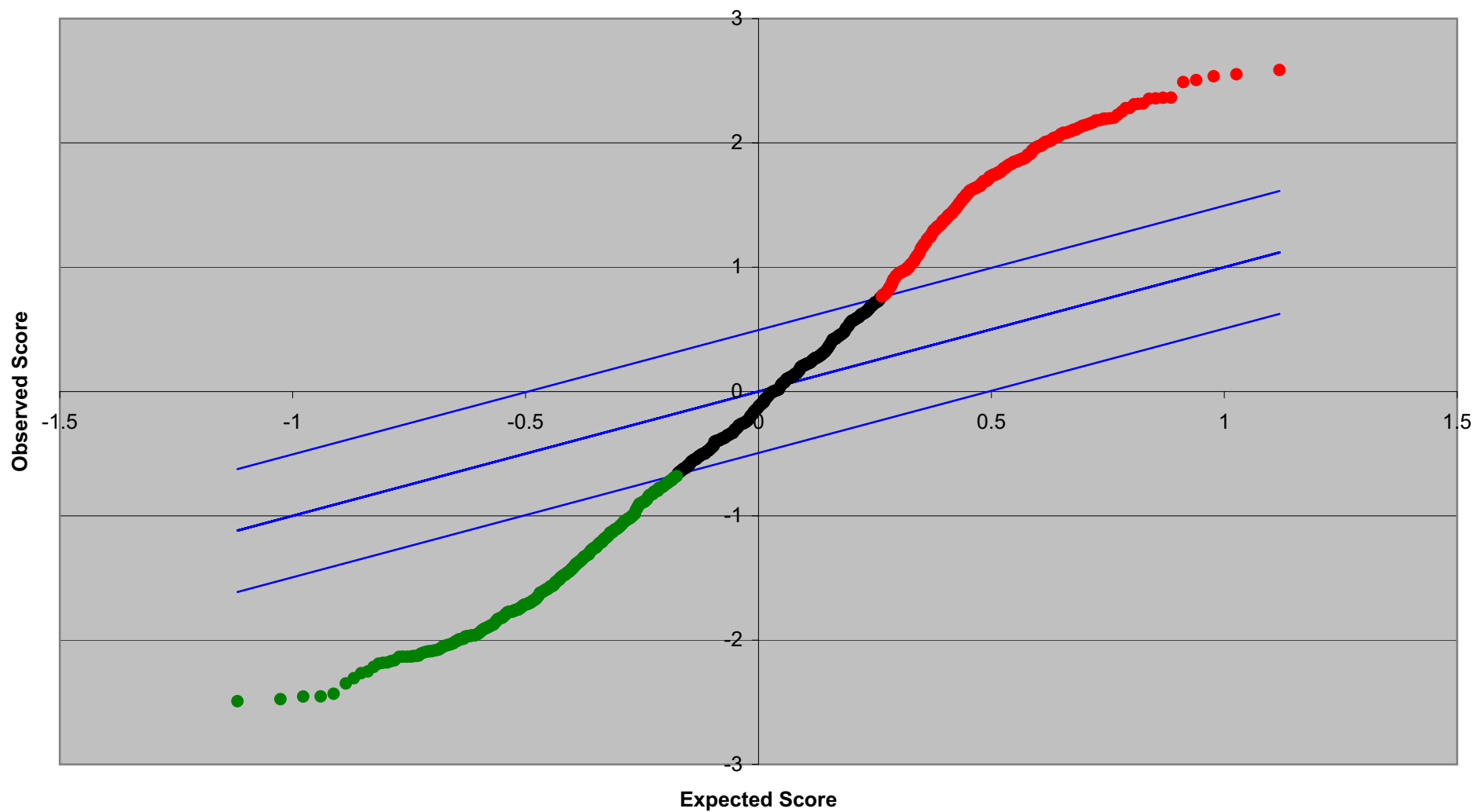
## Table S2 – One-Class SAM Calculations for the Acute Infection

Significant: 754

Median number of false positives: 3.5

False Discovery Rate (%): 0.46

### SAM Plotsheet



## Current settings

### Input parameters

Data type?	One class timecourse
Arrays centered?	FALSCH
Delta	0.494663712
Minimum fold change	0
Test statistic	standard
Time summary method	slope
Are data are log scale?	FALSCH
Number of permutations	100
Input percentile for exchangeability factor s0	Automatic choice
Number of neighbors for KNN	10
Seed for Random number generator	1234567

### Computed values

Estimate of pi0 (proportion of null genes)	0.218455744
Exchangibility factor s0	0.586413417
s0 percentile	99.90583804
False Discovery Rate (%)	0.463566565

## List of Significant Genes for Delta = 0.495

Positive genes (340)					
Gene ID	Score	Numerator(r)	Denominator(s+s0)	q-value(%)	localfdr(%)
<i>CPn0390CP0365ruvB</i>	2.586	1.65489338	0.639934302	0	0.018
<i>CPn0262CP0499surE</i>	2.553	1.68657851	0.660740279	0	0.024
<i>CPn0810CP1061</i>	2.536	1.55924581	0.614894248	0	0.028
<i>CPn0472CP0282</i>	2.506	1.62545122	0.648589655	0	0.033
<i>CPn0669CP0078</i>	2.489	1.51876237	0.610084799	0	0.036
<i>CPn0677CP0070</i>	2.364	1.64370888	0.695170797	0	0.058
<i>CPn0901CP0965murD</i>	2.363	1.54780982	0.655031108	0	0.059
<i>CPn0350CP0409</i>	2.358	1.52072672	0.644953961	0	0.059
<i>CPn0161CP0610</i>	2.355	1.56277386	0.663632903	0	0.06
<i>CPn0384CP0371hctB</i>	2.317	1.68414676	0.727013554	0	0.065
<i>CPn0083CP0692tal</i>	2.314	1.55230794	0.670819635	0	0.065
<i>CPn0497CP0257</i>	2.311	1.51231245	0.654459262	0	0.066
<i>CPn0453CP0299pmp13</i>	2.282	1.53108223	0.67107893	0	0.069
<i>CPn0774CP1098</i>	2.279	1.65448326	0.725855764	0	0.069
<i>CPn0803CP1068</i>	2.253	1.4440507	0.640841097	0	0.071
<i>CPn0711CP0035</i>	2.226	1.41697118	0.636543403	0	0.071
<i>CPn0498CP0256</i>	2.202	1.48722832	0.675410118	0	0.071
<i>CPn0557CP0195omcB</i>	2.198	1.49045093	0.678241582	0	0.071
<i>CPn0852CP1017</i>	2.195	1.71436375	0.78120777	0	0.071
<i>CPn0809CP1062</i>	2.194	1.66928627	0.760761347	0	0.071
<i>CPn0877CP0992ybcL</i>	2.185	1.52017171	0.695887707	0	0.07
<i>CPn0377CP0379sucB1</i>	2.181	1.57097813	0.720138965	0	0.07
<i>CPn0670rsbW</i>	2.18	1.50613045	0.690824153	0	0.07
<i>CPn0705CP0041</i>	2.165	1.42643465	0.658846587	0	0.068
<i>CPn0808CP1063</i>	2.16	1.371096	0.634825607	0	0.068

<i>CPn0322CP0435yscU</i>	2.151	1.44216713	0.670490353	0	0.066
<i>CPn1029CP0823</i>	2.147	1.54613815	0.720051651	0	0.066
<i>CPn0416CP0338himD</i>	2.141	1.35242398	0.631651985	0	0.065
<i>CPn0534CP0218dksA</i>	2.137	1.39175899	0.651214917	0	0.064
<i>CPn0537CP0215</i>	2.128	1.35649072	0.637406347	0	0.062
<i>CPn0389CP0366</i>	2.12	1.60216358	0.755579264	0	0.061
<i>CPn0362CP0395rpsD</i>	2.107	1.38109163	0.655364589	0	0.057
<i>CPn0713CP0033</i>	2.107	1.47344949	0.699275815	0	0.057
<i>CPn0444CP0309pmp6</i>	2.104	1.40590744	0.668350997	0	0.056
<i>CPn0125CP0648</i>	2.095	1.5944161	0.761130951	0	0.053
<i>CPn1023CP0829</i>	2.092	1.45432131	0.695208885	0	0.052
<i>CPn09691yccA1</i>	2.084	1.38165145	0.663062686	0	0.05
<i>CPn0676CP0071</i>	2.083	1.35547348	0.650672139	0	0.049
<i>CPn0781CP1091pal</i>	2.082	1.57099801	0.754454412	0	0.049
<i>CPn0876CP0993dagA2</i>	2.081	1.49790954	0.719815251	0	0.049
<i>CPn0538CP0214</i>	2.074	1.44101823	0.69493856	0	0.046
<i>CPn0581CP0167</i>	2.07	1.37226407	0.663031912	0	0.044
<i>CPn0001CP0775</i>	2.055	1.38740562	0.674976735	0	0.038
<i>CPn0695CP0051ompA</i>	2.049	1.32062754	0.64436656	0	0.035
<i>CPn0822CP1049</i>	2.046	1.39393263	0.681205389	0	0.033
<i>CPn1016CP0837</i>	2.041	1.39484673	0.68331468	0	0.031
<i>CPn0710CP0036</i>	2.041	1.54789794	0.758548788	0	0.03
<i>CPn0421CP0333yabC2</i>	2.036	1.3958635	0.685546201	0	0.028
<i>CPn1047CP0805dapB</i>	2.022	1.4675944	0.725743272	0	0.02
<i>CPn0826CP1045yscL</i>	2.02	1.27703943	0.632318856	0	0.018
<i>CPn0742CP0003</i>	2.015	1.31855125	0.654369193	0	0.015
<i>CPn0604CP0143fliY</i>	2.012	1.39201265	0.691782381	0	0.013
<i>CPn0195CP0572oppA1</i>	2.009	1.66753745	0.830157859	0	0.011
<i>CPn0834CP1035</i>	2.008	1.38988237	0.692242916	0	0.01
<i>CPn0105CP0669</i>	2.004	1.38983937	0.693419395	0	0.008
<i>CPn0355CP0404</i>	1.992	1.32261799	0.664085245	0	0
<i>CPn0796CP1075</i>	1.992	1.26772114	0.636536021	0	0
<i>CPn0828CP1043yscJ</i>	1.978	1.35467346	0.68500406	0	0
<i>Cpn0015_pmp32</i>	1.975	1.31341098	0.664991768	0	0
<i>CPn1033CP0819</i>	1.974	1.28297315	0.649877216	0	0
<i>CPn0700CP0046</i>	1.974	1.24935209	0.633000417	0	0
<i>CPn0702CP0044yscC</i>	1.968	1.38479675	0.703746974	0	0
<i>CPn0445CP0308pmp7</i>	1.965	1.30967124	0.666358813	0	0
<i>CPn0811CP1060lcrH1</i>	1.959	1.48141386	0.756213296	0	0
<i>CPn0193CP0574argR</i>	1.958	1.50655793	0.769365876	0	0
<i>CPn0148CP0625</i>	1.948	1.41048344	0.72422703	0	0
<i>CPn0398CP0357</i>	1.946	1.42263508	0.731227989	0	0
<i>CPn0886CP0980</i>	1.94	1.22611297	0.632075306	0	0
<i>CPn0854CP1015porB</i>	1.918	1.52523723	0.79528802	0	0
<i>Cpn0018_pmp51</i>	1.91	1.3457215	0.704534173	0	0
<i>CPn0863CP1006pgmA</i>	1.908	1.30247468	0.682615266	0	0
<i>CPn0446CP0307pmp8</i>	1.906	1.2221022	0.641242484	0	0
<i>CPn0704fliN</i>	1.905	1.27089671	0.667214173	0	0
<i>CPn1032CP0820</i>	1.891	1.19421145	0.631456172	0	0
<i>CPn0558CP0193</i>	1.885	1.32781203	0.704332863	0	0
<i>CPn0860CP1009fliF</i>	1.877	1.25679561	0.669564905	0	0
<i>CPn0489CP0265</i>	1.876	1.19140154	0.634915786	0	0
<i>CPn0870CP0999serS</i>	1.874	1.31329222	0.700744975	0	0
<i>CPn0608CP0139</i>	1.873	1.33659167	0.713732601	0	0
<i>CPn0985CP0871nrdB</i>	1.87	1.26422607	0.67604743	0	0
<i>CPn0422CP0331</i>	1.867	1.29600233	0.694346444	0	0
<i>CPn1005CP0848</i>	1.865	1.27557314	0.684104318	0	0
<i>CPn0728CP0018</i>	1.861	1.22022822	0.655734357	0	0
<i>CPn0998CP0857ftsH</i>	1.861	1.27763591	0.686612768	0	0
<i>CPn0853CP1016</i>	1.852	1.34769756	0.72750374	0	0
<i>CPn0425CP0328</i>	1.851	1.28910609	0.696328767	0	0
<i>CPn1069CP0781yfgA</i>	1.851	1.29104803	0.697438007	0	0
<i>Cpn0016_pmp41</i>	1.849	1.18562893	0.641172416	0	0

<i>CPn0194CP0573gcp2</i>	1.848	1.31051286	0.709186499	0	0
<i>CPn0540CP0212pmp20</i>	1.842	1.35907057	0.737641737	0	0
<i>CPn0725</i>	1.842	1.33050858	0.72231138	0	0
<i>CPn0139CP0633yqgE</i>	1.838	1.50362794	0.81789213	0	0
<i>CPn0177CP0592</i>	1.835	1.35187787	0.736892112	0	0
<i>CPn0144CP0629cIpB</i>	1.829	1.32497867	0.72429354	0	0
<i>CPn0827CP1044</i>	1.828	1.3478518	0.737237772	0	0
<i>Cpn0017_pmp42</i>	1.825	1.30279422	0.713664372	0	0
<i>CPn0709</i>	1.824	1.2726442	0.69771609	0	0
<i>Cpn0014_pmp31</i>	1.818	1.32996109	0.731487746	0	0
<i>CPn0104CP0670</i>	1.814	1.34532478	0.741744008	0	0
<i>CPn0600CP0148</i>	1.81	1.15071681	0.635675819	0	0
<i>CPn0451CP0302pmp11</i>	1.805	1.33869685	0.74170353	0	0
<i>CPn0587CP0161yvyD</i>	1.799	1.36788808	0.76056724	0	0
<i>CPn0204CP0563</i>	1.797	1.43169653	0.7968055	0	0
<i>CPn0707CP0039yscN</i>	1.796	1.27242351	0.70837786	0	0
<i>CPn0365CP0392</i>	1.793	1.24484853	0.694345766	0	0
<i>CPn0661mip</i>	1.783	1.33770321	0.750266007	0	0
<i>CPn0556CP0196crpA</i>	1.781	1.41644531	0.795235064	0	0
<i>CPn0138CP0634hemL</i>	1.771	1.17809457	0.665321066	0	0
<i>CPn0786CP1086dsbD</i>	1.769	1.25590889	0.709830229	0	0
<i>CPn0494CP0260</i>	1.763	1.1437547	0.648775582	0	0
<i>CPn0671CP0076</i>	1.762	1.31400173	0.745930311	0	0
<i>CPn0926CP0940</i>	1.761	1.13235114	0.642974265	0	0
<i>CPn1004CP0849</i>	1.76	1.30229796	0.739907655	0	0
<i>CPn0874CP0995</i>	1.758	1.2760813	0.725796585	0	0
<i>CPn0314CP0444trxB</i>	1.75	1.23900509	0.707844759	0	0
<i>CPn0939CP0922</i>	1.747	1.17912771	0.674995799	0	0
<i>CPn1002CP0851</i>	1.745	1.22937507	0.704378837	0	0
<i>CPn0424CP0329dnaA2</i>	1.744	1.22597014	0.702783446	0	0
<i>CPn0984CP0872nrda</i>	1.744	1.13531358	0.650933108	0	0
<i>CPn0100CP0674</i>	1.744	1.14764535	0.658232064	0	0
<i>CPn0179CP0589</i>	1.743	1.20154311	0.689382317	0	0
<i>CPn0933CP0928</i>	1.74	1.13044704	0.649824847	0	0
<i>CPn0896CP0970</i>	1.737	1.26555956	0.728389439	0	0
<i>CPn0062CP0713</i>	1.73	1.35631734	0.784138738	0	0
<i>CPn0564CP0186secD/secF</i>	1.728	1.16067696	0.671734964	0	0
<i>CPn0956CP0904</i>	1.728	1.28797707	0.745486819	0	0
<i>CPn0594CP0154pheT</i>	1.727	1.2397078	0.717941315	0	0
<i>CPn0520CP0233cIpP1</i>	1.717	1.24130183	0.723128283	0	0
<i>CPn0325CP0432sycE</i>	1.709	1.34456415	0.786634589	0	0
<i>CPn0750CP1122tctD</i>	1.703	1.25212425	0.735351813	0	0
<i>CPn0301CP0457</i>	1.697	1.1614204	0.684509756	0	0
<i>CPn0708CP0038</i>	1.697	1.28435272	0.756990582	0	0
<i>CPn1013CP0840fumC</i>	1.695	1.22474878	0.722365012	0	0
<i>CPn0112CP0661rl31</i>	1.694	1.18055996	0.697007913	0	0
<i>CPn0761CP1111</i>	1.693	1.18468913	0.699574112	0	0
<i>CPn0971CP0888yccA2</i>	1.693	1.14998504	0.679456946	0	0
<i>CPn0535CP0217lspA</i>	1.692	1.27580912	0.754041245	0	0
<i>CPn0423CP0330</i>	1.686	1.23586516	0.733162023	0	0
<i>CPn0872CP0997ribA/ribB</i>	1.681	1.11183014	0.661497022	0	0
<i>CPn1025CP0827pgi</i>	1.679	1.1932681	0.710708346	0	0
<i>CPn0720CP0026</i>	1.674	1.23460662	0.737684456	0	0
<i>CPn0227CP0537dsbB</i>	1.661	1.1879499	0.715386598	0	0
<i>CPn0577CP0171</i>	1.659	1.142119	0.688239982	0	0
<i>CPn0333CP0425</i>	1.659	1.15619531	0.696971631	0	0
<i>CPn0340CP0417</i>	1.651	1.26828031	0.768258789	0	0
<i>CPn0065CP0709</i>	1.65	1.14561424	0.694268686	0	0
<i>CPn0624CP0123gapA</i>	1.649	1.13966149	0.691047529	0	0
<i>CPn0712CP0034</i>	1.646	1.17570253	0.714286218	0	0
<i>CPn0206CP0561</i>	1.642	1.18113999	0.719304661	0	0
<i>CPn0963CP0897pmp21</i>	1.638	1.19566898	0.729915984	0	0
<i>CPn0727CP0019</i>	1.637	1.05740628	0.646040385	0	0

<i>CPn0171CP0599guaA</i>	1.635	1.0288011	0.629144947	0	0
<i>CPn0136CP0636pepF</i>	1.633	1.14670641	0.702021706	0	0
<i>CPn0533CP0219</i>	1.633	1.24281021	0.761018248	0	0
<i>CPn0959CP0901cafE</i>	1.631	1.32995427	0.815484018	0	0
<i>CPn0307CP0451glgP</i>	1.627	1.03251973	0.634771015	0	0
<i>CPn0106CP0668phoH</i>	1.626	1.26263401	0.776550166	0	0
<i>CPn0547CP0205ygbB</i>	1.621	1.25685577	0.775369846	0	0
<i>CPn0703CP0043</i>	1.621	1.44266761	0.8900106	0	0
<i>CPn0930CP0935</i>	1.62	1.10572689	0.682506605	0	0
<i>CPn0140CP0632yqdE</i>	1.619	1.17150231	0.723665687	0	0
<i>CPn0553CP0199</i>	1.612	1.0886319	0.675215249	0	0
<i>CPn0840CP1029</i>	1.612	1.32298629	0.820883294	0	0
<i>CPn0684CP0062parB</i>	1.606	1.14471155	0.712782323	0	0
<i>CPn0894CP0972amn</i>	1.601	1.35184102	0.844211597	0	0
<i>CPn0330CP0427</i>	1.59	1.00507456	0.632279022	0	0
<i>CPn0798CP1073</i>	1.588	1.12971152	0.711274351	0	0
<i>CPn0735CP0011</i>	1.588	1.06299632	0.669481261	0	0
<i>CPn0524CP0229</i>	1.583	1.09517916	0.691963295	0	0
<i>CPn0276CP0483</i>	1.581	1.10836038	0.701166967	0	0
<i>CPn0231CP0533tauB</i>	1.566	1.02017245	0.651282929	0	0
<i>CPn0994CP0861</i>	1.562	1.05340632	0.674198712	0	0
<i>CPn0825CP1046yscR</i>	1.562	1.08120703	0.692191484	0	0
<i>CPn0129CP0642</i>	1.556	0.98490741	0.633108118	0	0
<i>CPn0250CP0511rl33</i>	1.553	1.20298724	0.7746504	0	0
<i>CPn1000CP0854rs15</i>	1.552	1.05909849	0.682358923	0	0
<i>CPn0584CP0164atoS</i>	1.54	1.00771039	0.654494187	0	0
<i>CPn0185CP0583rpe</i>	1.532	1.16359432	0.759574271	0	0
<i>CPn0973CP0886sucC</i>	1.529	1.04308799	0.682137073	0	0
<i>CPn0621CP0126ruvC</i>	1.523	1.22104755	0.801556536	0	0
<i>CPn0546CP0206rl21</i>	1.522	1.09072849	0.716608289	0	0
<i>CPn0324CP0433lcrE</i>	1.519	0.96014122	0.632152015	0	0
<i>CPn0789CP1083sdhA</i>	1.515	1.06247383	0.701115953	0	0
<i>CPn0668</i>	1.501	1.07812207	0.718370388	0	0
<i>CPn0434CP0319</i>	1.5	1.24073033	0.827337945	0	0
<i>CPn0067CP0707</i>	1.498	1.18502005	0.791156343	0	0
<i>CPn0846CP1023cIpX</i>	1.49	0.95500193	0.641076352	0	0
<i>CPn0433CP0320gcsH</i>	1.486	1.17863793	0.793021003	0	0
<i>CPn0806CP1065thrS</i>	1.48	0.97273356	0.657445786	0	0
<i>CPn0085CP0690</i>	1.477	1.08787127	0.736689262	0	0
<i>CPn0794CP1077</i>	1.467	1.01652315	0.693129172	0	0
<i>CPn0127CP0645ytfF</i>	1.465	1.05721498	0.721673788	0	0
<i>CPn0667CP0080</i>	1.464	1.07473213	0.734122465	0	0
<i>CPn1028CP0824mdhC</i>	1.461	1.1605074	0.794121107	0	0
<i>CPn0909CP0957rsbV2</i>	1.456	1.01315586	0.695617457	0	0
<i>CPn0094CP0680valS</i>	1.45	1.08184371	0.746224142	0	0
<i>CPn0132CP0640</i>	1.449	1.35863473	0.937374429	0	0
<i>CPn0188CP0579</i>	1.441	1.00107665	0.69450531	0	0
<i>CPn0970CP0889tyrP2</i>	1.433	1.04298932	0.727832547	0	0
<i>CPn0559CP0191</i>	1.432	0.90407748	0.631375261	0	0
<i>CPn0793CP1079rbsU</i>	1.43	1.07046033	0.748682185	0	0
<i>CPn0134CP0638groEL1</i>	1.429	1.14764028	0.803093845	0	0
<i>CPn0369CP0388</i>	1.425	0.96710292	0.678892332	0	0
<i>CPn0652CP0095lpxC</i>	1.421	1.13402494	0.798013488	0	0
<i>CPn0693</i>	1.421	1.06843845	0.751978387	0	0
<i>CPn0103CP0671cydB</i>	1.42	1.07311482	0.755620939	0	0
<i>CPn0467CP0285pmp16</i>	1.415	0.99957937	0.706228887	0	0
<i>CPn0884CP0982</i>	1.408	1.11317741	0.790656122	0	0
<i>CPn0824CP1047yscS</i>	1.406	1.03483839	0.736080525	0	0
<i>CPn0488CP0266ycfF</i>	1.399	1.11493967	0.797032105	0	0
<i>CPn0724CP0022</i>	1.39	1.12086807	0.806113221	0	0
<i>CPn0479CP0275phnP</i>	1.389	1.12853266	0.812200705	0	0
<i>CPn0777CP1095groEL2</i>	1.385	1.00642207	0.726436735	0	0
<i>CPn0595CP0153</i>	1.379	0.93122677	0.67537189	0	0

<i>CPn0057CP0718sodM</i>	1.378	1.01118097	0.733738112	0	0
<i>CPn0399CP0356</i>	1.378	0.94211591	0.683799628	0	0
<i>CPn0912CP0954</i>	1.375	0.89822053	0.653270914	0	0
<i>CPn0047</i>	1.372	1.00700052	0.733940324	0	0
<i>CPn0101CP0673ybbP</i>	1.371	1.10016738	0.802352402	0	0
<i>CPn0769CP1103topA</i>	1.359	1.04435778	0.768685566	0	0
<i>CPn0096CP0678uvrA</i>	1.353	1.03218826	0.762981692	0	0
<i>CPn0847CP1022clpP2</i>	1.351	1.03249077	0.764074273	0	0
<i>CPn0111CP0662</i>	1.342	1.06097896	0.790404917	0	0
<i>CPn0234CP0529</i>	1.342	0.91993967	0.68561205	0	0
<i>CPn0906CP0960</i>	1.338	0.88033102	0.657876026	0	0
<i>CPn0059CP0716dut</i>	1.335	1.06091971	0.794588599	0	0
<i>CPn0437CP0316clpC</i>	1.333	0.99470367	0.746299602	0	0
<i>CPn0447CP0306pmp9</i>	1.333	1.07561362	0.807177196	0	0
<i>CPn0135CP0637groES</i>	1.326	0.95819069	0.722777304	0	0
<i>CPn0965CP0895lpxB</i>	1.322	0.99509753	0.752787936	0	0
<i>CPn0521CP0232glyA</i>	1.322	1.02515092	0.77572237	0	0
<i>CPn0228CP0536dsbG</i>	1.321	1.1416085	0.863982685	0	0
<i>CPn0782CP1090tolB</i>	1.31	1.05384355	0.804375399	0	0
<i>CPn0717CP0029</i>	1.31	1.34277624	1.025045499	0	0
<i>CPn0850CP1019mreB</i>	1.301	1.02629828	0.788874396	0	0
<i>CPn0865CP1004</i>	1.3	0.95633891	0.735575896	0	0
<i>CPn0323CP0434lcrD</i>	1.299	1.08887031	0.837956346	0	0
<i>CPn0183CP0585accB</i>	1.299	0.99749392	0.76818853	0	0
<i>CPn0905CP0961murC/ddlA</i>	1.295	0.92495135	0.714454549	0	0
<i>CPn0415CP0339</i>	1.279	1.06342204	0.831381511	0	0
<i>CPn1034CP0818</i>	1.277	1.04844291	0.821292026	0	0
<i>CPn0616CP0131dnaB</i>	1.274	1.02520565	0.804525647	0	0
<i>CPn0678</i>	1.264	0.90115703	0.712791971	0	0
<i>CPn0012CP0762</i>	1.26	0.91794237	0.728253165	0	0
<i>CPn0493CP0261</i>	1.246	0.85362015	0.684948388	0	0
<i>CPn1001CP0852yfhC</i>	1.244	1.06742451	0.857910028	0	0
<i>CPn0295CP0463</i>	1.242	0.98507921	0.792844761	0	0
<i>CPn0126CP0646</i>	1.242	0.98452981	0.792843585	0	0
<i>CPn0778CP1094ahpC</i>	1.236	0.92607148	0.749331592	0	0
<i>CPn0940CP0921uvrC</i>	1.233	0.87347589	0.708432167	0	0
<i>CPn0263CP0498yqfU</i>	1.227	0.84058594	0.685181044	0	0
<i>CPn0209CP0557</i>	1.226	0.89742508	0.73186443	0	0
<i>CPn0974CP0885sucD</i>	1.217	0.86623005	0.711558009	0	0
<i>CPn0260CP0501secA1</i>	1.202	1.04391854	0.868161169	0	0
<i>CPn0978CP0878</i>	1.194	0.93637883	0.78433774	0	0
<i>CPn0726</i>	1.194	0.82933084	0.69471643	0	0
<i>CPn0056CP0719mrsA</i>	1.189	0.79176664	0.665667167	0	0
<i>CPn0490CP0264</i>	1.186	0.99247057	0.83651978	0	0
<i>CPn0762CP1110</i>	1.184	0.91505074	0.7728651	0	0
<i>CPn0849CP1020</i>	1.166	0.86948955	0.745624182	0.035292	0
<i>CPn1049CP0803lysC</i>	1.162	0.77950675	0.670952283	0.035292	0
<i>CPn0832CP1038lipA</i>	1.161	0.86370816	0.743896653	0.035292	0
<i>CPn0040CP0735dnaX1</i>	1.16	0.91402841	0.78778705	0.035292	0
<i>CPn0659CP0088</i>	1.152	1.04551753	0.907434977	0.035292	0
<i>CPn0913CP0953</i>	1.141	0.88444578	0.77500594	0.035292	0
<i>CPn0189CP0578</i>	1.126	0.77122233	0.684674169	0.035292	0
<i>CPn0178CP0590</i>	1.115	0.72435066	0.649811858	0.035292	0
<i>CPn0586CP0162atoC</i>	1.11	0.88106432	0.793694076	0.035292	0
<i>CPn0164CP0607</i>	1.099	0.82935191	0.754720603	0.035292	0.066
<i>CPn0402CP0353mutY</i>	1.097	0.82730106	0.754145279	0.035292	0.1
<i>CPn0304CP0454pdhA</i>	1.092	0.85714123	0.784703768	0.035292	0.186
<i>CPn0473CP0281</i>	1.084	0.86597941	0.799223396	0.035292	0.354
<i>CPn0419CP0335pbb3</i>	1.08	0.87236377	0.807619379	0.035292	0.421
<i>CPn0004CP0771gatB</i>	1.074	0.76064942	0.708539755	0.035292	0.558
<i>CPn0701CP0045karG</i>	1.071	0.90894038	0.848976526	0.035292	0.62
<i>CPn0143CP0630yxjG1</i>	1.054	0.94832343	0.900011202	0.035292	1.004
<i>CPn0256CP0505</i>	1.05	0.78323394	0.745706837	0.035292	1.085

<i>CPn0622CP0125</i>	1.045	0.72416971	0.693119877	0.035292	1.222
<i>CPn0216CP0549</i>	1.041	0.92184472	0.885864241	0.035292	1.329
<i>CPn0409CP0345</i>	1.036	0.84222007	0.81306949	0.035292	1.453
<i>CPn0873CP0996ribE</i>	1.029	0.81167325	0.788775706	0.035292	1.638
<i>CPn0349CP0411ytgA</i>	1.028	0.71256642	0.693494458	0.035292	1.68
<i>CPn0936CP0925rl36</i>	1.027	0.91379901	0.889920766	0.035292	1.699
<i>CPn0200CP0567oppC1</i>	1.022	0.81257163	0.795315367	0.068589	1.845
<i>CPn0275CP0484gyrB1</i>	1.014	0.77738756	0.766551533	0.068589	2.067
<i>CPn0448CP0305yxjG2</i>	1.012	0.76481709	0.756041707	0.068589	2.143
<i>CPn0153CP0618leuS</i>	0.995	0.74894534	0.752431955	0.068589	2.658
<i>CPn0770CP1102</i>	0.995	0.78771843	0.791393035	0.068589	2.659
<i>CPn0441CP0312</i>	0.993	0.84113417	0.846783683	0.068589	2.726
<i>CPn0190CP0577</i>	0.992	0.7711097	0.777245414	0.068589	2.767
<i>CPn0857CP1012</i>	0.992	0.82192803	0.828932585	0.068589	2.786
<i>CPn0184CP0584efp1</i>	0.977	0.84179838	0.861391415	0.068589	3.287
<i>CPn0413CP0341msbA</i>	0.976	0.76786925	0.787035369	0.068589	3.345
<i>CPn0833CP1037</i>	0.975	0.8985576	0.922004399	0.068589	3.385
<i>CPn0160CP0611</i>	0.974	0.96231238	0.988014119	0.068589	3.406
<i>CPn0338CP0419dnaN</i>	0.972	0.73349519	0.754898693	0.068589	3.493
<i>CPn0337CP0421smpB</i>	0.971	0.93298389	0.960983876	0.068589	3.522
<i>CPn1031CP0821arcD</i>	0.97	0.67650261	0.697205416	0.068589	3.543
<i>CPn0232CP0532</i>	0.969	0.67811675	0.699482576	0.068589	3.575
<i>CPn0902CP0964nlpD</i>	0.967	0.79929484	0.826604913	0.082623	3.669
<i>CPn0110CP0664lepB</i>	0.965	0.80886916	0.838318266	0.082623	3.75
<i>CPn0207CP0560ybhI</i>	0.958	0.75740906	0.790453384	0.082623	4.011
<i>CPn0048CP0726yqfF</i>	0.958	0.79433165	0.829027071	0.082623	4.013
<i>CPn1006CP0847</i>	0.957	0.70703304	0.738944023	0.082623	4.066
<i>CPn0300CP0458yaeT</i>	0.953	0.74237878	0.778727391	0.082623	4.206
<i>CPn0800CP1071eno</i>	0.953	0.65839719	0.690905736	0.082623	4.222
<i>CPn0332</i>	0.953	0.78894548	0.827942597	0.082623	4.224
<i>CPn0791CP1081</i>	0.947	0.69020711	0.728712066	0.082623	4.461
<i>CPn0427CP0326nqr2</i>	0.943	0.84809488	0.899690831	0.082623	4.651
<i>Cpn0061_CP0714</i>	0.938	0.6850735	0.730379984	0.129264	4.853
<i>CPn0754CP1118rs20</i>	0.936	0.72554941	0.775421048	0.129264	4.953
<i>CPn0172guaB</i>	0.931	0.66873262	0.718315897	0.129264	5.162
<i>CPn0297CP0461fabD</i>	0.93	0.81879412	0.88032642	0.129264	5.201
<i>CPn0387CP0368</i>	0.92	0.68092196	0.740169415	0.129264	5.669
<i>CPn0797CP1074</i>	0.913	0.90007744	0.985516624	0.143931	5.987
<i>CPn0899CP0967murF</i>	0.908	0.79203748	0.871945335	0.143931	6.229
<i>CPn0721kdsA</i>	0.905	0.65841661	0.727253573	0.143931	6.379
<i>CPn0466CP0286pmp15</i>	0.9	0.72173119	0.801578472	0.143931	6.63
<i>CPn0607CP0140glgC</i>	0.877	0.64626579	0.737096203	0.188867	7.895
<i>CPn0525CP0228</i>	0.877	0.71206117	0.812333606	0.188867	7.906
<i>CPn0286CP0472mgtE</i>	0.857	0.81325001	0.949292819	0.217215	9.064
<i>CPn0687CP0059</i>	0.847	0.71938871	0.849439937	0.28824	9.667
<i>CPn0248CP0513ycfV</i>	0.842	0.71653429	0.850508622	0.28824	9.945
<i>CPn0142</i>	0.84	0.68305792	0.813260231	0.28824	10.11
<i>CPn0133CP0639</i>	0.839	0.76775159	0.914879388	0.28824	10.16
<i>CPn1070CP0780</i>	0.825	0.79936892	0.968853195	0.358124	11.09
<i>CPn0309CP0449dnaA1</i>	0.818	0.71912143	0.879624193	0.358124	11.6
<i>CPn0921CP0945</i>	0.812	0.60077218	0.739441989	0.358124	11.96
<i>CPn0785CP1087exbB</i>	0.812	0.79732093	0.98201177	0.358124	11.99
<i>CPn0229CP0535</i>	0.806	0.70080194	0.869103024	0.358124	12.39
<i>CPn0383CP0372</i>	0.796	0.72199754	0.906755832	0.426901	13.13
<i>CPn0282CP0476xasA</i>	0.796	0.76278299	0.958762825	0.426901	13.18
<i>CPn0889CP0977hemN2</i>	0.786	0.54544019	0.694094066	0.426901	13.91
<i>CPn0154CP0617gseA</i>	0.782	0.68579789	0.876697856	0.426901	14.19
<i>CPn0254CP0507</i>	0.782	0.74879355	0.957949381	0.426901	14.23
<i>CPn0495CP0259aspC</i>	0.78	0.69377625	0.889912863	0.426901	14.4
<i>CPn0401CP0354</i>	0.779	0.58135903	0.746320076	0.426901	14.44
<i>CPn0044CP0729</i>	0.775	0.6686049	0.863228246	0.463567	14.79
<i>CPn0162CP0609</i>	0.773	0.66365006	0.858393276	0.463567	14.91
<i>CPn0571CP0178murA</i>	0.765	0.70738776	0.924613449	0.463567	15.56



Negative genes (414)

Gene ID	Score	Numerator(r)	Denominator(s+s0)	q-value(%)	localfdr(%)
<i>CPj0954Cpn0954</i>	-2.49	-1.57642247	0.632844958	0	0.037
<i>CPn0682CP0065dppD</i>	-2.48	-1.64467432	0.664507932	0	0.041
<i>CPn0439CP0314</i>	-2.45	-1.57604914	0.642245088	0	0.045
<i>CPn0046CP0728</i>	-2.45	-1.59712579	0.651067946	0	0.045
<i>CPn0477CP0277yqeV</i>	-2.43	-1.50588736	0.61914363	0	0.049
<i>CPn0372CP0385</i>	-2.35	-1.6249558	0.691921025	0	0.065
<i>CPn0617CP0130gidA</i>	-2.31	-1.56592411	0.678889094	0	0.072
<i>CPn0396CP0359yhfO</i>	-2.27	-1.46077081	0.644628615	0	0.078
<i>CPn0119CP0654rmhB1</i>	-2.25	-1.50927856	0.670127124	0	0.08
<i>CPn0509CP0245</i>	-2.22	-1.5017047	0.677813007	0	0.084
<i>CPn0117CP0656trmD</i>	-2.19	-1.38416222	0.632375998	0	0.085
<i>CPn0544CP0208yhbZ</i>	-2.18	-1.56624116	0.717518415	0	0.085
<i>CPn1045CP0807</i>	-2.18	-1.44599476	0.663401478	0	0.085
<i>CPn0261CP0500ydaO</i>	-2.17	-1.53714842	0.708632468	0	0.085
<i>CPn0543CP0209</i>	-2.16	-1.42075636	0.657082672	0	0.085
<i>CPn0730CP0016mviN</i>	-2.13	-1.34560753	0.630479622	0	0.083
<i>Cpn0548_CP0204</i>	-2.13	-1.31737426	0.617367445	0	0.083
<i>CPn0881CP0986</i>	-2.13	-1.41149559	0.661537197	0	0.083
<i>CPn0579CP0169yacM</i>	-2.13	-1.44766556	0.678803663	0	0.083
<i>CPn0550fusA</i>	-2.13	-1.39327416	0.654614166	0	0.083
<i>CPn0689CP0057yfhO1</i>	-2.13	-1.83132893	0.860772647	0	0.083
<i>CPn0527CP0225sucB2</i>	-2.12	-1.45925695	0.686786097	0	0.082
<i>CPn0536CP0216dagA1</i>	-2.11	-1.43442381	0.680444377	0	0.08
<i>CPn0066CP0708</i>	-2.1	-1.33483	0.635651492	0	0.079
<i>CPn0580CP0168truA</i>	-2.1	-1.41535417	0.675515128	0	0.078
<i>CPn0268CP0492</i>	-2.09	-1.38722888	0.663452765	0	0.077
<i>CPn0961CP0899rl32</i>	-2.09	-1.54854155	0.740860439	0	0.077
<i>CPn0585CP0163</i>	-2.09	-1.33145435	0.637557848	0	0.076
<i>CPn0766CP1106</i>	-2.08	-1.38619151	0.665108651	0	0.076
<i>CPn0240CP0522</i>	-2.08	-1.30946213	0.629596801	0	0.074
<i>CPn0597CP0151oppC2</i>	-2.08	-1.35513619	0.652467743	0	0.074
<i>CPn0648CP0099</i>	-2.07	-1.45109938	0.702042286	0	0.071
<i>CPn0024CP0752xerC</i>	-2.05	-1.37044087	0.667602733	0	0.066
<i>CPn0596CP0152ada</i>	-2.05	-1.47830457	0.721015517	0	0.066
<i>CPn0554CP0198</i>	-2.05	-1.40429201	0.686367702	0	0.064
<i>CPn0113CP0660pfrA</i>	-2.04	-1.56733582	0.767925956	0	0.062
<i>CPn1010CP0843</i>	-2.04	-1.47289804	0.722912063	0	0.061
<i>CPn0960CP0900</i>	-2.03	-1.41613477	0.696023581	0	0.059
<i>CPn0028CP0748</i>	-2.03	-1.34348489	0.662261573	0	0.057
<i>CPn0035CP0741</i>	-2.03	-1.4037391	0.69308821	0	0.055
<i>CPn0759CP1113foIA</i>	-2.01	-1.29837971	0.644493223	0	0.05
<i>CPn0492CP0262</i>	-2.01	-1.34632694	0.670370692	0	0.047
<i>CPn0465CP0287</i>	-2.01	-1.41681681	0.706149021	0	0.046
<i>CPn1059CP0791kgsA</i>	-2	-1.29132081	0.647092204	0	0.039
<i>CPn0266CP0495</i>	-1.99	-1.32387012	0.66423247	0	0.038
<i>CPn0958CP0902plsB</i>	-1.99	-1.40529031	0.705453329	0	0.037
<i>CPn0515CP0238ubiE</i>	-1.99	-1.35243246	0.679769028	0	0.036
<i>CPn0348CP0412ytgB1</i>	-1.99	-1.42110023	0.714594219	0	0.035
<i>CPn1027CP0825</i>	-1.97	-1.35073617	0.684333534	0	0.025
<i>CPn0464CP0288</i>	-1.97	-1.37461933	0.697732286	0	0.022
<i>CPn0614CP0133adt2</i>	-1.97	-1.48484403	0.753908862	0	0.022
<i>CPn0397CP0358</i>	-1.97	-1.37915797	0.700637298	0	0.021
<i>CPn0476CP0278</i>	-1.97	-1.21826428	0.619476166	0	0.02
<i>CPn0025CP0751atsA</i>	-1.96	-1.33626907	0.68041908	0	0.018
<i>CPn0284CP0474</i>	-1.96	-1.34388013	0.684490808	0	0.017
<i>CPn0522CP0231</i>	-1.96	-1.34561854	0.685992955	0	0.016
<i>CPn0237CP0525yggF</i>	-1.96	-1.59712129	0.81431584	0	0.016
<i>CPn0356CP0402</i>	-1.96	-1.29094897	0.658218748	0	0.016
<i>CPn0629CP0118secY</i>	-1.96	-1.42148766	0.726413673	0	0.012

<i>CPn0102CP0672cydA</i>	-1.95	-1.36274453	0.697798008	0	0.009
<i>CPn0560CP0190gltX</i>	-1.95	-1.24837073	0.641106524	0	0.004
<i>CPn0223CP0542</i>	-1.94	-1.42972552	0.73578552	0	1E-04
<i>CPn0790CP1082sdhB</i>	-1.93	-1.27368997	0.658487592	0	0
<i>CPn1011</i>	-1.93	-1.21033594	0.627642899	0	0
<i>CPn0816CP1055gspE</i>	-1.92	-1.46558914	0.762095165	0	0
<i>CPn0868CP1001zntA</i>	-1.91	-1.43717706	0.750568921	0	0
<i>CPn0023CP0753yjjK</i>	-1.91	-1.35546395	0.70864049	0	0
<i>CPn0003CP0772gatA</i>	-1.91	-1.22179191	0.640887979	0	0
<i>CPn0848CP1021tigA</i>	-1.91	-1.17689642	0.617398974	0	0
<i>CPn0031CP0745rs21</i>	-1.9	-1.18422965	0.622219212	0	0
<i>CPn0632CP0115rl18</i>	-1.9	-1.2460381	0.656417722	0	0
<i>CPn0149CP0624dnlJ</i>	-1.89	-1.31709236	0.695266522	0	0
<i>CPn0081CP0694rpoB</i>	-1.89	-1.19721348	0.632890444	0	0
<i>CPn0120CP0653gmk</i>	-1.89	-1.34455241	0.712885612	0	0
<i>Cpn0090_CP0684</i>	-1.88	-1.45499478	0.772131285	0	0
<i>CPn1063CP0786tpiS</i>	-1.88	-1.28531251	0.683841556	0	0
<i>CPn0882CP0984</i>	-1.88	-1.26819095	0.675938529	0	0
<i>CPn0442CP0311</i>	-1.87	-1.35646524	0.723606307	0	0
<i>CPn0115CP0658ffh</i>	-1.86	-1.20268223	0.644983123	0	0
<i>CPn0763CP1109ygfA</i>	-1.86	-1.13415292	0.61109126	0	0
<i>CPn0801CP1070</i>	-1.85	-1.25162377	0.676312756	0	0
<i>CPn0618CP0129lpIA2</i>	-1.85	-1.19862643	0.649065578	0	0
<i>CPn0593CP0155</i>	-1.83	-1.34409854	0.733000872	0	0
<i>CPn0598CP0150oppB2</i>	-1.83	-1.36599396	0.746416547	0	0
<i>CPn0486CP0268</i>	-1.83	-1.33936462	0.732528696	0	0
<i>CPn0418CP0336murE</i>	-1.82	-1.21885018	0.668684298	0	0
<i>CPn0036CP0739</i>	-1.82	-1.31826942	0.723849461	0	0
<i>CPn0838CP1031thdF</i>	-1.82	-1.51514436	0.83216753	0	0
<i>CPn0267CP0493</i>	-1.82	-1.40274711	0.770566013	0	0
<i>CPn0734yceA</i>	-1.81	-1.14574441	0.632100804	0	0
<i>CPn0839CP1030psdD</i>	-1.81	-1.28927372	0.713067407	0	0
<i>CPn0030CP0746gcp1</i>	-1.8	-1.22121518	0.677485513	0	0
<i>CPn0662CP0085aspS</i>	-1.8	-1.31400052	0.73177378	0	0
<i>CPn0367CP0390</i>	-1.79	-1.21219856	0.676189269	0	0
<i>CPn0431CP0322</i>	-1.79	-1.25616401	0.702165984	0	0
<i>CPn0690CP0056</i>	-1.78	-1.2789929	0.718652372	0	0
<i>CPn0633CP0114rl6</i>	-1.78	-1.36801556	0.770363693	0	0
<i>CPn0674CP0073fmu</i>	-1.77	-1.15121023	0.648641902	0	0
<i>CPn0410CP0344dnaQ1</i>	-1.77	-1.2736709	0.718697046	0	0
<i>CPn0788CP1084sdhC</i>	-1.77	-1.22195099	0.689873722	0	0
<i>CPn0380CP0376hemN1</i>	-1.77	-1.19864283	0.676715006	0	0
<i>CPn0787CP1085yabD</i>	-1.77	-1.25767099	0.710093023	0	0
<i>CPn0480CP0274</i>	-1.77	-1.15736852	0.653950867	0	0
<i>CPn0505CP0248</i>	-1.77	-1.33709562	0.755955398	0	0
<i>CPn0285CP0473</i>	-1.77	-1.30250655	0.736440865	0	0
<i>CPn0862CP1007yfhO2</i>	-1.76	-1.15297382	0.65440064	0	0
<i>CPn0765CP1107</i>	-1.76	-1.15949612	0.658466364	0	0
<i>CPn0272CP0487dnaX2</i>	-1.76	-1.18658909	0.674828822	0	0
<i>CPn0928CP0938</i>	-1.76	-1.16996304	0.665582453	0	0
<i>CPn0976CP0880</i>	-1.75	-1.14548437	0.65271968	0	0
<i>CPn0079CP0696rl10</i>	-1.75	-1.1218163	0.639254217	0	0
<i>CPn0238CP0524zwf</i>	-1.75	-1.1589877	0.660994648	0	0
<i>CPn0715CP0031gyrB2</i>	-1.75	-1.32044714	0.753198142	0	0
<i>CPn0992CP0863</i>	-1.75	-1.27581816	0.730797937	0	0
<i>CPn0146CP0627</i>	-1.74	-1.21807365	0.698831546	0	0
<i>CPn0087CP0687</i>	-1.74	-1.15582546	0.66372446	0	0
<i>CPn0236CP0526pyrG</i>	-1.74	-1.23697692	0.711864078	0	0
<i>CPn0871CP0998ribD</i>	-1.73	-1.17197685	0.678073784	0	0
<i>CPn0741CP0004</i>	-1.73	-1.23387925	0.714168043	0	0
<i>CPn0230CP0534</i>	-1.72	-1.17499713	0.681407271	0	0
<i>CPn0440CP0313</i>	-1.72	-1.45746646	0.84869985	0	0
<i>CPn0251CP0510</i>	-1.72	-1.36916195	0.797427256	0	0

<i>CPn0032CP0744dnaJ</i>	-1.72	-1.12846096	0.657874726	0	0
<i>CPn0218CP0547</i>	-1.71	-1.24748472	0.728228528	0	0
<i>CPn0649CP0098fmt</i>	-1.71	-1.4276794	0.833427682	0	0
<i>CPn0783CP1089</i>	-1.71	-1.37319565	0.802540895	0	0
<i>CPn0116CP0657rs16</i>	-1.71	-1.1439805	0.668986684	0	0
<i>CPn0620CP0127ruvA</i>	-1.71	-1.29301027	0.756985061	0	0
<i>CPn0091CP0683atpI</i>	-1.7	-1.11544031	0.654967002	0	0
<i>CPn0076CP0699nusG</i>	-1.7	-1.37929511	0.810055531	0	0
<i>CPn1018CP0835</i>	-1.7	-1.10742261	0.650868056	0	0
<i>CPn0831CP1039</i>	-1.7	-1.0826341	0.636327577	0	0
<i>CPn0947CP0912pgsA2</i>	-1.7	-1.24351038	0.731856924	0	0
<i>CPn0058CP0717accD</i>	-1.69	-1.15976128	0.685479004	0	0
<i>CPn0644CP0103rl2</i>	-1.69	-1.14209886	0.675585002	0	0
<i>CPn0523CP0230</i>	-1.69	-1.28660855	0.762948675	0	0
<i>CPn0631CP0116rs5</i>	-1.68	-1.08612931	0.646045424	0	0
<i>CPn0837CP1032nth</i>	-1.68	-1.13762654	0.676840661	0	0
<i>CPn0080CP0695rl7</i>	-1.68	-1.19043662	0.708624153	0	0
<i>CPn0655CP0092dnaQ2</i>	-1.68	-1.08887901	0.64949828	0	0
<i>CPn0086_CP0688</i>	-1.67	-1.21475748	0.725885121	0	0
<i>CPn0615CP0132pgsA1</i>	-1.67	-1.12704676	0.674093201	0	0
<i>CPn0187CP0580</i>	-1.66	-1.11799903	0.671644601	0	0
<i>CPn1040CP0812</i>	-1.66	-1.16831532	0.702639188	0	0
<i>CPn1073CP0776</i>	-1.65	-1.21611122	0.73545204	0	0
<i>CPn0910CP0956miaA</i>	-1.65	-1.19967664	0.726732915	0	0
<i>CPn0772CP1100uvrD</i>	-1.64	-1.1442508	0.696189459	0	0
<i>CPn0298CP0460fabH</i>	-1.63	-1.07393907	0.657814675	0	0
<i>CPn0026CP0750</i>	-1.62	-1.16269294	0.717901335	0	0
<i>CPn0456</i>	-1.62	-1.10244847	0.680845439	0	0
<i>CPn0006</i>	-1.62	-1.32841819	0.821033667	0	0
<i>CPn0088CP0686atpA</i>	-1.61	-1.12724016	0.698039682	0	0
<i>CPn0412CP0342</i>	-1.61	-1.28632695	0.796859644	0	0
<i>CPn0168CP0603</i>	-1.61	-1.22915097	0.762541725	0	0
<i>CPn0627CP0120rs11</i>	-1.61	-1.19597279	0.744250247	0	0
<i>CPn0020CP0756</i>	-1.61	-1.26330005	0.786887914	0	0
<i>CPn0318CP0439rbfA</i>	-1.6	-1.35094767	0.843113286	0	0
<i>CPn0679CP0068</i>	-1.6	-1.03046665	0.644698951	0	0
<i>CPn0429CP0324nqr4</i>	-1.6	-1.05608073	0.661152051	0	0
<i>CPn0542CP0210</i>	-1.6	-1.26191261	0.791103652	0	0
<i>CPn0118CP0655rl19</i>	-1.59	-1.40961144	0.885816559	0	0
<i>CPn0281CP0477dhnA</i>	-1.59	-1.1824822	0.743212324	0	0
<i>CPn0966CP0894pcnB2</i>	-1.59	-1.29809043	0.816112821	0	0
<i>CPn0514CP0239</i>	-1.59	-1.21640082	0.76617996	0	0
<i>CPn0320CP0437ribF</i>	-1.58	-1.35825949	0.858669794	0	0
<i>CPn0152CP0620</i>	-1.58	-1.15027279	0.727549149	0	0
<i>CPn0043CP0730</i>	-1.58	-1.31771394	0.834572782	0	0
<i>CPn1053CP0799</i>	-1.57	-1.13693399	0.723157243	0	0
<i>CPn0381CP0375</i>	-1.57	-0.99111877	0.632154641	0	0
<i>CPn0844CP1025yphC</i>	-1.57	-1.31026258	0.836105686	0	0
<i>CPn0835CP1034</i>	-1.57	-1.21934684	0.778501432	0	0
<i>CPn0953CP0906rl9</i>	-1.56	-1.23162317	0.787346826	0	0
<i>CPn0654CP0093yciA</i>	-1.56	-1.0978016	0.701825336	0	0
<i>CPn0241CP0521</i>	-1.56	-1.05753442	0.676353806	0	0
<i>CPn0198CP0569oppA4</i>	-1.56	-1.13204888	0.726827732	0	0
<i>CPn0432CP0321</i>	-1.55	-1.21580276	0.781935374	0	0
<i>CPn0529CP0223ycaH</i>	-1.54	-1.14475752	0.743022529	0	0
<i>CPn0551_rs7</i>	-1.54	-1.13703708	0.739954909	0	0
<i>CPn0182CP0586accC</i>	-1.53	-1.0603418	0.691057277	0	0
<i>CPn0719CP0027sfhB</i>	-1.53	-1.06437703	0.695369191	0	0
<i>CPn0075CP0700secE</i>	-1.53	-1.02453462	0.670778773	0	0
<i>CPn0452CP0301pmp12</i>	-1.53	-1.19261434	0.781201933	0	0
<i>CPn0927CP0939</i>	-1.52	-1.19895591	0.787580973	0	0
<i>CPn0541CP0211</i>	-1.52	-1.002417	0.659731031	0	0
<i>CPn0924CP0942priA</i>	-1.52	-1.31702454	0.866838917	0	0

<i>CPn0563CP0187recJ</i>	-1.51	-1.03572334	0.683685198	0	0
<i>CPn0050</i>	-1.51	-1.01877612	0.673355445	0	0
<i>CPn0836CP1033brnQ</i>	-1.5	-0.98608585	0.655961983	0	0
<i>CPn0400CP0355</i>	-1.5	-1.1082318	0.739545056	0	0
<i>CPn0628CP0119rs13</i>	-1.5	-1.18447832	0.791071267	0	0
<i>CPn1012CP0841yzeB</i>	-1.49	-1.01072668	0.677270307	0	0
<i>CPN03681_CP03891</i>	-1.49	-1.19486941	0.801145382	0	0
<i>CPn0499CP0255</i>	-1.49	-1.01955766	0.685978075	0	0
<i>CPn0328CP0429</i>	-1.48	-1.01603707	0.684471412	0	0
<i>CPn0993CP0862pheS</i>	-1.48	-1.12053836	0.755762386	0	0
<i>CPn0929CP0937</i>	-1.48	-1.0869104	0.73448804	0	0
<i>CPn0972CP0887ftsY</i>	-1.48	-1.08441001	0.733038634	0	0
<i>CPn0878CP0991</i>	-1.47	-1.00241853	0.680015214	0	0
<i>CPn0944CP0915</i>	-1.47	-1.03963087	0.705309543	0	0
<i>CPn0549CP0203rs10</i>	-1.47	-1.08302075	0.734796331	0	0
<i>CPn0673CP0074</i>	-1.47	-1.20150827	0.818581833	0	0
<i>CPn0312CP0446</i>	-1.47	-1.02047466	0.695967601	0	0
<i>CPn0077CP0698rl11</i>	-1.46	-1.06301182	0.72696286	0	0
<i>CPn0646CP0101rl4</i>	-1.46	-1.10290508	0.754925162	0	0
<i>CPn0625CP0122rl17</i>	-1.46	-0.99992542	0.686218671	0	0
<i>CPn0212CP0553</i>	-1.46	-1.0131934	0.695722112	0	0
<i>CPn0957CP0903ide</i>	-1.45	-1.04526343	0.720278805	0	0
<i>CPn1021CP0832lcrH2</i>	-1.45	-1.01667971	0.700869542	0	0
<i>CPn0491CP0263</i>	-1.45	-1.10554354	0.763201332	0	0
<i>CPn0008CP0766</i>	-1.44	-1.2607451	0.872826186	0	0
<i>CPn0336CP0422yojL</i>	-1.44	-0.96296563	0.668000233	0	0
<i>CPn0089CP0685atpB</i>	-1.44	-1.08093735	0.752668532	0	0
<i>CPn0739CP0006</i>	-1.43	-1.00546756	0.703895555	0	0
<i>CPn0641CP0106rs3</i>	-1.43	-1.0416166	0.729964011	0	0
<i>CPn0038CP0737ptsI</i>	-1.42	-0.97847361	0.686835086	0	0
<i>CPn0359CP0399lepA</i>	-1.42	-1.19256563	0.837908876	0	0
<i>CPn0950CP0909pth</i>	-1.42	-1.2097365	0.854470114	0	0
<i>CPn0574CP0175</i>	-1.41	-0.97532846	0.689504129	0	0
<i>CPn0991CP0864rl35</i>	-1.41	-1.04089097	0.740578271	0	0
<i>CPn0403yceC</i>	-1.4	-1.06948378	0.76167378	0	0
<i>CPn0723yhbG</i>	-1.4	-0.98497335	0.702285315	0	0
<i>CPn0093CP0681</i>	-1.39	-0.91727661	0.659572762	0	0
<i>CPn0952CP0907rs18</i>	-1.39	-0.95049807	0.683866469	0	0
<i>CPn0605CP0142yhhF</i>	-1.39	-1.00160551	0.722494741	0	0
<i>CPn0983CP0873</i>	-1.38	-0.86897861	0.628170618	0	0
<i>CPn0843CP1026</i>	-1.38	-1.10853147	0.801779285	0	0
<i>CPn0915CP0951ybeB</i>	-1.38	-1.0867657	0.786156282	0	0
<i>CPn0635CP0112rl5</i>	-1.38	-1.04404522	0.758494212	0	0
<i>CPn0518CP0235</i>	-1.37	-0.94749426	0.690499215	0	0
<i>CPn0539CP0213pmp19</i>	-1.37	-1.04453548	0.762564789	0	0
<i>CPn0145CP0628</i>	-1.37	-1.11047043	0.811821597	0	0
<i>CPn0588CP0160</i>	-1.37	-0.90896206	0.664855809	0	0
<i>CPn0121CP0652</i>	-1.36	-0.93773826	0.689761658	0	0
<i>CPn0737CP0008recC</i>	-1.36	-1.05423315	0.776422576	0	0
<i>CPn0327CP0430rl28</i>	-1.36	-1.11319629	0.820698943	0	0
<i>CPj0339Cpn0339</i>	-1.35	-1.1304998	0.839067705	0	0
<i>CPn0634CP0113rs8</i>	-1.35	-1.11059203	0.824663705	0	0
<i>CPn0353CP0406</i>	-1.34	-0.91507182	0.681341541	0	0
<i>CPn1060CP0790tkB2</i>	-1.34	-0.88521986	0.662754922	0	0
<i>CPn0379CP0377</i>	-1.33	-1.10152079	0.827638049	0	0
<i>CPn1051CP0801</i>	-1.33	-1.04104562	0.782586079	0	0
<i>CPn0287CP0471</i>	-1.33	-0.91737362	0.690345271	0	0
<i>CPn0784CP1088exbD</i>	-1.33	-0.96236415	0.725556688	0	0
<i>CPn0078CP0697rl1</i>	-1.32	-0.99209437	0.749164934	0	0
<i>CPn0150CP0623</i>	-1.32	-1.07133653	0.810263992	0	0
<i>CPn0916CP0950fabF</i>	-1.32	-1.03137777	0.781315899	0	0
<i>CPn0288CP0470</i>	-1.32	-1.11220653	0.84563701	0	0
<i>CPn0817CP1054gspF</i>	-1.31	-1.02861384	0.7837816	0	0

<i>CPn0055CP0720</i>	-1.31	-1.19291023	0.909474313	0	0
<i>CPn0945CP0914</i>	-1.31	-0.90359323	0.69018776	0	0
<i>CPn0211CP0554</i>	-1.31	-1.01473407	0.7753404	0	0
<i>CPn0569CP0180plsC</i>	-1.29	-0.99843503	0.771585911	0	0
<i>CPn0692CP0054</i>	-1.29	-0.88348843	0.684334846	0	0
<i>CPn0650CP0097lpxA</i>	-1.28	-0.90124549	0.704196013	0	0
<i>CPn0815CP1056gspD</i>	-1.28	-0.95765518	0.748306593	0	0
<i>CPn0890CP0976hemE</i>	-1.28	-0.96857923	0.758456562	0	0
<i>CPn0516CP0237</i>	-1.27	-0.92211631	0.723711397	0	0
<i>CPn0406CP0349</i>	-1.27	-1.02339635	0.807348252	0	0
<i>CPn0201CP0566oppD</i>	-1.26	-1.04408486	0.826851799	0	0
<i>CPn0481</i>	-1.26	-0.84236034	0.667125482	0	0
<i>CPn0613CP0134sohB</i>	-1.26	-0.83003247	0.659905263	0	0
<i>CPn0997CP0858mesJ</i>	-1.26	-0.96087948	0.764016234	0	0
<i>CPn0880CP0989ftsK</i>	-1.26	-0.89902417	0.714993007	0	0
<i>CPn0565CP0185</i>	-1.26	-0.91624097	0.72872834	0	0
<i>CPn0980CP0876</i>	-1.25	-0.9888713	0.789558176	0	0
<i>CPn0892CP0974alaS</i>	-1.25	-0.86014732	0.688606748	0	0
<i>CPn0049CP0725</i>	-1.24	-0.94394455	0.76182642	0	0
<i>CPn0289CP0469</i>	-1.23	-0.8178022	0.662598011	0	0
<i>CPn1022CP0831</i>	-1.23	-0.90961678	0.741033885	0	0
<i>CPn0821CP1050</i>	-1.22	-0.98945108	0.808044858	0	0
<i>CPn0346CP0414ytgD</i>	-1.22	-0.85606375	0.702573924	0	0
<i>CPn0526CP0226kpsF</i>	-1.22	-1.04093751	0.854771154	0	0
<i>CPn0570CP0179</i>	-1.22	-0.97451104	0.801203912	0	0
<i>CPn0572CP0177</i>	-1.22	-0.82644692	0.6797658	0	0
<i>CPn0962CP0898plsX</i>	-1.21	-0.89213401	0.735350665	0	0
<i>CPn0461CP0291</i>	-1.21	-0.87930854	0.727220509	0	0
<i>CPn1035CP0817aroE</i>	-1.2	-0.93179495	0.778207881	0	0
<i>CPn0975CP0882</i>	-1.2	-0.95077805	0.794118875	0	0
<i>CPn0504CP0249vacB</i>	-1.19	-0.93977334	0.790490768	0	0
<i>CPn0411CP0343</i>	-1.19	-0.87890565	0.740529249	0	0
<i>CPn0823CP1048yscT</i>	-1.18	-1.02990775	0.870129036	0	0
<i>CPn0095CP0679</i>	-1.18	-0.87681875	0.741735704	0	0
<i>CPn0917CP0949</i>	-1.18	-0.79755095	0.677850116	0	0
<i>CPn0562CP0188</i>	-1.17	-0.91519823	0.779909417	0	0
<i>CPn0436CP0317</i>	-1.17	-0.85838472	0.731901813	0	0
<i>CPn0716CP0030</i>	-1.17	-0.87187595	0.745674112	0	0
<i>CPn0470pmp173</i>	-1.16	-0.99721297	0.858536961	0	0
<i>CPn1072CP0777</i>	-1.16	-0.83072408	0.716355185	0	0
<i>CPn0645CP0102rl23</i>	-1.15	-0.92084492	0.797501759	0	0
<i>CPn0219CP0546tgt</i>	-1.15	-0.8413938	0.733732451	0	0
<i>CPn0351CP0408adt1</i>	-1.14	-0.73886274	0.649725282	0	0
<i>CPn0197CP0570oppA3</i>	-1.14	-1.03658032	0.912422864	0	0
<i>CPn0054CP0721mc</i>	-1.13	-0.97150988	0.857861308	0	0
<i>CPn1054CP0764</i>	-1.13	-0.79850981	0.705333514	0	0
<i>CPn0643CP0104rs19</i>	-1.13	-0.81681045	0.721833929	0	0
<i>CPn0688CP0058</i>	-1.13	-0.99098862	0.875787617	0	0
<i>CPj0820CPn0820</i>	-1.13	-0.95091499	0.841707589	0	0
<i>CPn0986CP0869yggH</i>	-1.12	-0.91431102	0.814925059	0	0
<i>CPn0098htrB</i>	-1.12	-0.84108433	0.751612813	0	0
<i>CPn0317CP0440infB</i>	-1.11	-0.9106625	0.818405814	0.038192	0
<i>CPn0483CP0271</i>	-1.11	-0.8267037	0.744564994	0.038192	0
<i>CPN0368_CP0389</i>	-1.11	-0.86001415	0.774629078	0.038192	0
<i>CPn0530CP0222spoU1</i>	-1.11	-0.90879587	0.819017014	0.038192	0
<i>CPn0590CP0158</i>	-1.11	-0.85097512	0.768470743	0.038192	0
<i>CPn0404CP0351</i>	-1.1	-0.92396097	0.837988775	0.038192	0
<i>CPn0034CP0742</i>	-1.1	-0.87571359	0.795813594	0.038192	0
<i>CPn0829CP1042</i>	-1.1	-0.91321996	0.832020373	0.038192	0
<i>CPn0611CP0136yacE</i>	-1.1	-0.97306912	0.88808084	0.038192	0
<i>CPn0612CP0135polA</i>	-1.09	-0.81051702	0.743604244	0.038192	0
<i>CPn0167CP0604</i>	-1.09	-0.9317053	0.85517955	0.038192	0
<i>CPn0733CP0013rs4</i>	-1.08	-0.74476546	0.688431663	0.038192	0

<i>CPn0364CP0393fer4</i>	-1.08	-0.85491205	0.791470477	0.038192	0
<i>CPn0601CP0146</i>	-1.07	-0.84024982	0.78253242	0.038192	0
<i>CPn0903CP0963ftsW</i>	-1.07	-0.7713261	0.719167257	0.038192	0
<i>CPn0630CP0117rl15</i>	-1.07	-0.88233068	0.8244878	0.038192	0
<i>CPn0366CP0391</i>	-1.06	-0.87548834	0.823622533	0.038192	0
<i>CPn0647CP0100rl3</i>	-1.06	-0.87835391	0.832225218	0.038192	0
<i>CPn0764CP1108</i>	-1.05	-0.78895473	0.749416555	0.038192	0
<i>CPn0753CP1119</i>	-1.04	-0.86274934	0.826744093	0.038192	0.171
<i>CPn0626CP0121rpoA</i>	-1.04	-1.10404787	1.059233505	0.038192	0.198
<i>CPn0435CP0318</i>	-1.04	-0.71768189	0.691018698	0.038192	0.281
<i>CPn0037CP0738ptsH</i>	-1.04	-0.84754316	0.816623224	0.038192	0.297
<i>CPn0290CP0468</i>	-1.04	-0.90270078	0.870830928	0.038192	0.326
<i>CPn0942CP0919dnaG</i>	-1.03	-0.85938941	0.832589165	0.038192	0.428
<i>CPn0484CP0270aroG</i>	-1.03	-1.00620648	0.97801036	0.038192	0.508
<i>CPn0321CP0436ychF</i>	-1.03	-0.79844066	0.776964742	0.038192	0.536
<i>CPn0041CP0733</i>	-1.03	-0.78968205	0.769915072	0.038192	0.584
<i>CPn0247CP0515rl13</i>	-1.02	-0.74768393	0.733331741	0.038192	0.737
<i>CPn0225CP0539</i>	-1.02	-0.82363661	0.808130575	0.038192	0.747
<i>CPn0914CP0952</i>	-1.02	-0.80509143	0.790389294	0.038192	0.762
<i>CPn0943CP0917</i>	-1.02	-0.76159153	0.748055448	0.038192	0.775
<i>CPn0292CP0466incC</i>	-1.01	-0.71479849	0.70629944	0.038192	0.934
<i>CPn0313CP0445acpS</i>	-1.01	-0.91202671	0.904045369	0.038192	1.021
<i>CPn0758CP1114folP</i>	-1	-0.77678277	0.775449261	0.038192	1.219
<i>CPn1015CP0838</i>	-1	-0.88924243	0.889310106	0.038192	1.271
<i>CPn0316CP0441nusA</i>	-1	-0.9497764	0.950224163	0.038192	1.282
<i>Cpn0019_pmp52</i>	-0.99	-0.78172943	0.790648447	0.038192	1.605
<i>CPn0989CP0866</i>	-0.99	-0.85384435	0.866638018	0.038192	1.714
<i>CPn0867CP1002rodA</i>	-0.99	-0.76240153	0.773863219	0.038192	1.715
<i>CPn0561CP0189euo</i>	-0.98	-0.86001959	0.874276177	0.038192	1.762
<i>CPn0819CP1052</i>	-0.96	-0.7537287	0.784006649	0.069572	2.517
<i>CPn0639CP0108rl29</i>	-0.95	-0.8563841	0.899941298	0.069572	2.879
<i>CPn0898CP0968groEL3</i>	-0.94	-0.76419175	0.810796067	0.069572	3.231
<i>CPn0463CP0289</i>	-0.94	-0.73976246	0.787542109	0.069572	3.359
<i>CPn0638CP0109rs17</i>	-0.93	-0.77877437	0.840501988	0.069572	3.892
<i>CPn0051</i>	-0.93	-0.74990956	0.810078423	0.069572	3.928
<i>CPn1003CP0850</i>	-0.91	-0.75251723	0.823253689	0.069572	4.447
<i>CPn0147CP0626</i>	-0.9	-0.61785467	0.683392064	0.082623	4.914
<i>CPn0358CP0400</i>	-0.9	-0.68471947	0.757567695	0.082623	4.927
<i>CPn0729CP0017</i>	-0.9	-0.67028695	0.743801526	0.082623	5.056
<i>CPn0830CP1041</i>	-0.9	-0.68772462	0.764411629	0.082623	5.129
<i>CPn0186CP0581</i>	-0.9	-0.71322409	0.794626678	0.082623	5.233
<i>CPn0114CP0659hemK</i>	-0.9	-0.89180931	0.994240906	0.082623	5.262
<i>CPn0319CP0438truB</i>	-0.89	-0.77245196	0.863729705	0.082623	5.394
<i>CPn0990CP0865infC</i>	-0.89	-0.70699736	0.794952216	0.082623	5.646
<i>CPn0196CP0571oppA2</i>	-0.89	-0.77752257	0.875999422	0.082623	5.738
<i>CPn1052CP0800</i>	-0.89	-0.64707941	0.73024299	0.082623	5.814
<i>CPn0532CP0220ribC</i>	-0.89	-0.746285	0.842263784	0.082623	5.818
<i>CPn0354CP0405</i>	-0.89	-0.64540818	0.728794953	0.082623	5.842
<i>CPn0122CP0651metG</i>	-0.88	-0.78953377	0.899828824	0.129264	6.275
<i>CPn0686CP0060</i>	-0.87	-0.70398597	0.804618508	0.129264	6.411
<i>CPn0071CP0704</i>	-0.87	-0.74305327	0.856053416	0.129264	6.796
<i>CPn0226CP0538</i>	-0.87	-0.70414037	0.812680289	0.129264	6.884
<i>CPn1068CP0782rnhB2</i>	-0.85	-0.65330432	0.764262732	0.143931	7.56
<i>CPn0619CP0128ndk</i>	-0.85	-0.62133819	0.731389226	0.143931	7.879
<i>CPn0640CP0107rl16</i>	-0.84	-0.73646146	0.877532115	0.143931	8.519
<i>CPn0109CP0665ileS</i>	-0.83	-0.64898071	0.778967127	0.188867	8.911
<i>CPn0738CP0007</i>	-0.83	-0.66488754	0.798741223	0.188867	8.958
<i>CPn0680CP0067ygo4</i>	-0.83	-0.72468346	0.872113562	0.188867	9.054
<i>CPn0656CP0091</i>	-0.83	-0.68213899	0.822508634	0.188867	9.16
<i>CPn0756CP1116rpoD</i>	-0.83	-0.75105556	0.908089791	0.188867	9.31
<i>CPn1043CP0809bioF2</i>	-0.83	-0.69838733	0.845742798	0.188867	9.397
<i>CPn0009CP0765</i>	-0.83	-0.72980852	0.884194403	0.188867	9.422
<i>CPn0352CP0407</i>	-0.82	-0.74785582	0.9094182	0.188867	9.627

<i>CPn0802CP1069trpS</i>	-0.81	-0.65356843	0.808125569	0.217215	10.57
<i>CPn0283</i>	-0.81	-0.79293621	0.984117996	0.217215	10.79
<i>CPn0736CP0009ygeD</i>	-0.81	-0.72416734	0.899029872	0.217215	10.8
<i>CPn0968CP0892</i>	-0.8	-0.67970728	0.844560556	0.217215	10.85
<i>CPn0344CP0416yaeL</i>	-0.8	-0.64355122	0.800824077	0.217215	10.94
<i>CPn0191CP0576glnQ</i>	-0.8	-0.57931125	0.725184764	0.217215	11.29
<i>CPn0315CP0442</i>	-0.8	-0.61572406	0.771053227	0.217215	11.31
<i>CPn0264CP0497ubiD</i>	-0.8	-0.7033478	0.881102618	0.217215	11.33
<i>CPn0814CP1057</i>	-0.8	-0.65187696	0.81680962	0.217215	11.35
<i>CPn0746CP1126</i>	-0.78	-0.65221832	0.837693126	0.217215	12.84
<i>CPn0900CP0966mraY</i>	-0.78	-0.70849608	0.913631744	0.217215	13.08
<i>CPn0575aprFB</i>	-0.77	-0.63000267	0.813039014	0.217215	13.13
<i>CPn0658</i>	-0.77	-0.62156543	0.804349155	0.28824	13.3
<i>CPn0934CP0927mpA</i>	-0.77	-0.61779248	0.799886395	0.28824	13.33
<i>CPn0092CP0682atpK</i>	-0.77	-0.65068703	0.843976162	0.28824	13.44
<i>CPn1044CP0808bioB</i>	-0.77	-0.52204374	0.681444442	0.28824	13.84
<i>CPn0052CP0723hemC</i>	-0.77	-0.63999134	0.836192301	0.28824	13.9
<i>CPj05762CPn0576</i>	-0.76	-0.63696147	0.835437099	0.28824	14.14
<i>CPn0891CP0975mfd</i>	-0.76	-0.65431388	0.865217367	0.28824	14.66
<i>CPn0068CP0706</i>	-0.75	-0.58726214	0.778755033	0.28824	14.85
<i>CPn0279CP0479</i>	-0.75	-0.5669078	0.756088433	0.28824	15.22
<i>CPn0731CP0015</i>	-0.75	-0.5929222	0.794611153	0.28824	15.53
<i>CPn0224CP0541</i>	-0.74	-0.63820377	0.857312547	0.28824	15.68
<i>CPn0813CP1058pepP</i>	-0.74	-0.55496229	0.751742551	0.28824	16.23
<i>CPn0575CP0174yhhY</i>	-0.74	-0.63734095	0.864332075	0.28824	16.31
<i>CPn0163CP0608</i>	-0.74	-0.5725008	0.778637255	0.358124	16.5
<i>CPn0740tyrB</i>	-0.73	-0.68801156	0.941303444	0.358124	16.89
<i>CPn0235CP0527kdsB</i>	-0.73	-0.65407041	0.902096599	0.358124	17.43
<i>CPn1017CP0836lytB</i>	-0.72	-0.5539151	0.765883042	0.358124	17.6
<i>CPn0578CP0170yaeI</i>	-0.72	-0.61340696	0.853477893	0.358124	18.03
<i>CPn0475CP0279glgB</i>	-0.72	-0.56531644	0.787261725	0.358124	18.09
<i>CPn0751CP1121</i>	-0.71	-0.53392977	0.74979346	0.358124	18.66
<i>CPn0487CP0267</i>	-0.71	-0.63380585	0.890275995	0.358124	18.67
<i>CPn1065</i>	-0.71	-0.63126047	0.894048809	0.426901	19.24
<i>CPn0603CP0144hemZ</i>	-0.7	-0.62890973	0.902779755	0.426901	20.17
<i>CPn0589CP0159</i>	-0.69	-0.65123019	0.939106859	0.426901	20.49
<i>CPn0979CP0877htrA</i>	-0.69	-0.53806675	0.778453391	0.426901	20.72
<i>CPn0242CP0520</i>	-0.69	-0.50115274	0.729197232	0.463567	21.12
<i>CPn1042CP0810bioD</i>	-0.68	-0.54661156	0.799217185	0.463567	21.46
<i>CPn0428CP0325nqr3</i>	-0.68	-0.62367782	0.915885453	0.463567	21.77

**Estimated Miss rates for Delta=0.494663712458557**

Quantiles	Cutpoints	Miss Rate(%)
0 -> 0.05	-0.666 -> -0.603	77.7
0.05 -> 0.1	-0.603 -> -0.534	69.17
0.1 -> 0.15	-0.534 -> -0.48	68.06
0.15 -> 0.2	-0.48 -> -0.394	23.18
0.2 -> 0.25	-0.394 -> -0.349	50.42
0.25 -> 0.75	-0.349 -> 0.44	2.57
0.75 -> 0.8	0.44 -> 0.52	41.04
0.8 -> 0.85	0.52 -> 0.589	66.55
0.85 -> 0.9	0.589 -> 0.635	84.45
0.9 -> 0.95	0.635 -> 0.699	78.15
0.95 -> 1	0.699 -> 0.758	82.82