

Dataset S1. List of differentially expressed genes among LYP9 hybrid triad.

N, L, and P stand for 93-11, LYP9, and PA64s, respectively. S1-S7 denote the seven plant samples used in the study: (S1) seedling shoot, (S2) leaf at tillering stage, (S3) flag leaf at booting stage, (S4) flag leaf at heading stage, (S5) flag leaf at flowering stage, (S6) flag leaf at filling stage, and (S7) panicle at filling stage. DG_{HP} refer to DG between the hybrid and parent, DG_{PP} refers to DG between 2 parents. DG_{HPU} denote the unique portion of DG_{HP}, and DG_O denote the overlap between DG_{HP} and DG_{PP}.

DG category	GeneID	Tissue	log2(L/N)	log2(L/P)	N flag	N.intens	L flag	L.intens	P flag	P.intens	TIGR5 ID
DG _{HP}	Os000012_01	S1	0.000	1.206	P	212.478	P	389.260	P	168.712	LOC_Os02g45180.1
DG _{HP}	Os000047_01	S1	0.000	0.944	P	450.813	P	253.701	P	131.838	-
DG _{HP}	Os000070_01	S1	1.090	0.000	P	531.699	P	1131.719	P	1171.645	LOC_Os04g33750.1
DG _{HP}	Os000102_01	S1	0.000	0.908	P	369.136	P	403.302	P	214.914	LOC_Os03g05520.1
DG _{HP}	Os000189_01	S1	1.176	0.000	P	639.947	P	1445.913	P	1267.844	LOC_Os12g05430.1
DG _{HP}	Os000206_02	S1	0.000	0.786	P	367.522	P	352.187	P	204.265	-
DG _{HP}	Os000230_01	S1	0.000	0.820	P	2051.740	P	1918.516	P	1086.768	-
DG _{HP}	Os000258_01	S1	1.019	0.000	P	158.982	P	322.212	P	366.201	LOC_Os02g51320.1
DG _{HP}	Os000282_01	S1	0.000	0.788	P	5842.859	P	4795.546	P	2777.642	LOC_Os03g60100.1
DG _{HP}	Os000365_01	S1	0.000	0.924	P	1451.266	P	1611.526	P	849.118	LOC_Os01g05970.1
DG _{HP}	Os000411_01	S1	0.000	0.907	P	1005.735	P	1424.082	P	759.413	LOC_Os01g05970.1
DG _{HP}	Os000594_01	S1	1.144	0.000	P	409.067	P	904.214	P	1014.858	LOC_Os04g29550.1
DG _{HP}	Os000618_01	S1	1.067	0.000	P	290.287	P	607.979	P	535.543	LOC_Os05g45730.1
DG _{HP}	Os000689_01	S1	0.000	0.830	P	388.427	P	278.771	P	156.791	LOC_Os02g32990.1
DG _{HP}	Os000849_01	S1	0.000	1.049	P	203.757	P	202.010	P	97.645	LOC_Os09g34850.3
DG _{HP}	Os000896_01	S1	0.000	1.089	P	559.446	P	392.030	P	184.281	LOC_Os01g67220.2
DG _{HP}	Os000902_01	S1	0.000	1.212	P	517.527	P	497.745	P	214.892	LOC_Os03g53360.1
DG _{HP}	Os000941_01	S1	0.000	0.843	P	353.221	P	293.404	P	163.522	LOC_Os03g43390.2
DG _{HP}	Os001058_01	S1	0.000	2.311	P	1059.820	P	1230.114	P	247.920	LOC_Os07g10540.1
DG _{HP}	Os001096_01	S1	1.090	0.000	P	200.089	P	425.837	P	405.266	LOC_Os12g06670.1
DG _{HP}	Os001104_01	S1	0.000	0.865	P	260.528	P	285.710	P	156.843	LOC_Os01g46700.1
DG _{HP}	Os001540_01	S1	0.000	0.856	P	411.077	P	558.161	P	308.280	LOC_Os09g32532.2
DG _{HP}	Os001714_01	S1	0.000	0.894	P	421.843	P	306.341	P	164.859	LOC_Os08g02370.1

DG _{HP}	Os001842_01	S1	1.458	0.000	P	688.677	P	1892.617	P	1404.539	-
DG _{HP}	Os001890_01	S1	1.052	0.000	P	912.295	P	1891.077	P	2030.809	LOC_Os04g47690.1
DG _{HP}	Os001925_01	S1	0.000	0.995	P	495.900	P	295.835	P	148.398	LOC_Os06g03860.1
DG _{HP}	Os001927_01	S1	-0.949	0.000	P	369.595	P	191.387	P	210.375	LOC_Os04g41640.1
DG _{HP}	Os001934_01	S1	10.000	1.198	A	66.990	P	1443.393	P	629.167	-
DG _{HP}	Os001942_01	S1	1.162	0.000	P	4710.273	P	10542.619	P	11547.437	-
DG _{HP}	Os002024_01	S1	-0.934	0.000	P	833.721	P	436.279	P	310.708	LOC_Os01g69110.1
DG _{HP}	Os002197_01	S1	0.000	3.483	P	1324.305	P	1508.359	P	134.928	LOC_Os01g63250.1
DG _{HP}	Os002221_01	S1	-1.134	0.000	P	402.875	P	183.540	P	180.464	LOC_Os06g13280.1
DG _{HP}	Os002233_01	S1	-1.163	1.082	P	682.767	P	304.986	P	144.044	-
DG _{HP}	Os002390_01	S1	-1.045	0.000	P	9139.813	P	4428.212	P	5421.586	LOC_Os07g05360.1
DG _{HP}	Os002678_01	S1	-1.773	0.000	P	3930.918	P	1150.031	P	1262.263	LOC_Os05g03920.1
DG _{HP}	Os002898_01	S1	0.000	0.820	P	367.858	P	294.788	P	166.995	LOC_Os11g11330.1
DG _{HP}	Os003257_01	S1	1.225	0.000	P	101.690	P	237.635	P	210.770	-
DG _{HP}	Os003627_01	S1	0.000	1.029	P	809.352	P	1002.355	P	491.129	LOC_Os01g53070.1
DG _{HP}	Os003650_01	S1	0.000	1.016	P	398.040	P	297.926	P	147.338	LOC_Os03g15740.1
DG _{HP}	Os004301_01	S1	-1.157	0.000	P	401.623	P	180.128	P	150.419	LOC_Os05g07870.1
DG _{HP}	Os004399_01	S1	-1.333	0.000	P	1035.240	P	410.999	P	424.879	LOC_Os02g40180.1
DG _{HP}	Os005094_01	S1	0.000	1.064	P	231.912	P	346.970	P	165.978	-
DG _{HP}	Os005192_01	S1	0.000	0.851	P	374.779	P	363.463	P	201.455	-
DG _{HP}	Os005941_01	S1	-1.211	0.000	P	6052.839	P	2615.074	P	3065.435	LOC_Os09g31300.1
DG _{HP}	Os005944_01	S1	-1.375	0.000	P	9786.161	P	3772.870	P	4178.792	LOC_Os04g51070.1
DG _{HP}	Os005953_01	S1	-1.224	0.000	P	7388.129	P	3162.921	P	3893.111	LOC_Os06g30020.1
DG _{HP}	Os005956_01	S1	-1.280	0.000	P	4321.024	P	1778.774	P	2284.113	LOC_Os03g18710.1
DG _{HP}	Os005967_01	S1	-0.955	0.000	P	7556.380	P	3899.198	P	5372.963	LOC_Os07g08360.1
DG _{HP}	Os005968_01	S1	-1.112	0.000	P	2330.198	P	1077.722	P	1183.181	LOC_Os06g03750.1
DG _{HP}	Os006051_01	S1	0.000	-0.963	P	489.732	P	766.692	P	1494.345	LOC_Os07g04480.1
DG _{HP}	Os006128_01	S1	0.000	0.794	P	450.971	P	297.398	P	171.514	-
DG _{HP}	Os006571_01	S1	1.344	0.000	P	1897.148	P	4814.787	P	2969.595	LOC_Os05g01350.1
DG _{HP}	Os006587_01	S1	0.000	1.932	P	914.366	P	994.293	P	260.538	-
DG _{HP}	Os007729_01	S1	-0.938	0.000	P	533.984	P	278.677	P	180.918	LOC_Os09g29380.1

DG _{HP}	Os007934_01	S1	-0.916	0.000	P	749.668	P	397.344	P	390.733	-
DG _{HP}	Os008188_01	S1	0.000	0.913	P	179.118	P	217.201	P	115.311	LOC_Os08g37250.1
DG _{HP}	Os008199_01	S1	-1.038	0.000	P	1791.806	P	872.442	P	841.524	LOC_Os11g44990.1
DG _{HP}	Os008420_01	S1	-0.966	0.000	P	540.110	P	276.577	P	293.032	LOC_Os04g37619.1
DG _{HP}	Os008450_01	S1	0.000	1.327	P	1870.112	P	1299.194	P	517.827	LOC_Os01g67980.1
DG _{HP}	Os008529_01	S1	1.050	0.000	P	424.146	P	878.421	P	738.679	LOC_Os07g02210.2
DG _{HP}	Os008640_01	S1	-0.864	0.891	P	3854.051	P	2117.552	P	1142.229	LOC_Os02g32814.1
DG _{HP}	Os008704_01	S1	0.000	0.962	P	481.960	P	534.872	P	274.664	-
DG _{HP}	Os008720_01	S1	3.038	-0.950	P	99.696	P	818.586	P	1581.209	-
DG _{HP}	Os008724_01	S1	0.000	-0.726	P	316.936	P	293.019	P	484.639	LOC_Os05g49970.2
DG _{HP}	Os008778_01	S1	-1.063	0.000	P	8660.005	P	4145.750	P	4254.268	LOC_Os05g31000.1
DG _{HP}	Os008799_01	S1	0.000	0.876	P	459.750	P	404.871	P	220.628	LOC_Os07g16950.5
DG _{HP}	Os008824_01	S1	0.000	0.866	P	541.545	P	691.350	P	379.299	-
DG _{HP}	Os008842_01	S1	-0.943	0.000	P	870.263	P	452.584	P	319.567	LOC_Os11g39020.1
DG _{HP}	Os008886_01	S1	-0.925	0.000	P	461.600	P	243.036	P	210.965	LOC_Os11g10990.1
DG _{HP}	Os008928_01	S1	0.000	1.089	P	386.760	P	362.513	P	170.405	LOC_Os03g59710.1
DG _{HP}	Os008934_01	S1	0.000	0.827	P	728.756	P	486.996	P	274.503	LOC_Os02g15640.1
DG _{HP}	Os009036_01	S1	-0.901	0.000	P	6155.835	P	3297.667	P	3281.993	LOC_Os12g30540.1
DG _{HP}	Os009044_01	S1	1.444	0.000	P	296.144	P	805.906	P	475.773	-
DG _{HP}	Os009054_01	S1	1.288	0.000	P	232.160	P	566.924	P	568.276	LOC_Os02g49790.1
DG _{HP}	Os009065_01	S1	0.000	0.827	P	275.207	P	285.243	P	160.779	LOC_Os10g05680.1
DG _{HP}	Os009088_01	S1	-1.045	0.000	P	1424.774	P	690.477	P	847.495	LOC_Os05g12400.1
DG _{HP}	Os009529_01	S1	-0.866	0.000	P	435.757	P	239.115	P	195.673	LOC_Os10g40934.10
DG _{HP}	Os009688_01	S1	10.000	-0.946	A	70.486	P	9522.597	P	18351.131	LOC_Os01g55650.1
DG _{HP}	Os009739_01	S1	0.000	0.918	P	315.321	P	579.669	P	306.756	LOC_Os01g01650.1
DG _{HP}	Os009767_01	S1	-0.947	0.000	P	870.479	P	451.571	P	379.890	LOC_Os04g32270.2
DG _{HP}	Os009904_01	S1	-1.029	0.000	P	2041.387	P	1000.171	P	782.862	LOC_Os07g07540.1
DG _{HP}	Os009951_01	S1	0.000	0.810	P	342.003	P	343.553	P	195.993	LOC_Os03g06950.1
DG _{HP}	Os009997_01	S1	1.048	1.041	P	153.771	P	317.954	P	154.570	LOC_Os12g26220.1
DG _{HP}	Os010115_01	S1	-0.885	0.000	P	4007.438	P	2170.135	P	1902.452	LOC_Os09g36040.1
DG _{HP}	Os010136_01	S1	-1.157	0.000	P	681.602	P	305.582	P	392.250	LOC_Os11g06730.1

DG _{HP}	Os010157_01	S1	10.000	1.130	A	49.842	P	322.537	P	147.402	LOC_Os01g26070.1
DG _{HP}	Os010211_01	S1	1.179	0.801	P	249.817	P	565.455	P	324.442	LOC_Os10g41800.1
DG _{HP}	Os010232_01	S1	-1.079	0.000	P	2442.499	P	1156.511	P	1796.324	LOC_Os07g01630.1
DG _{HP}	Os010262_01	S1	1.329	0.000	P	102.248	P	256.852	P	197.172	LOC_Os07g45790.1
DG _{HP}	Os010390_01	S1	0.000	0.803	P	441.758	P	325.170	P	186.315	LOC_Os05g48160.1
DG _{HP}	Os010460_01	S1	0.000	1.254	P	842.853	P	836.939	P	351.031	-
DG _{HP}	Os010785_01	S1	0.000	1.035	P	613.483	P	630.910	P	307.937	LOC_Os05g35540.1
DG _{HP}	Os010823_01	S1	1.255	0.000	P	174.353	P	416.211	P	420.425	LOC_Os01g29180.1
DG _{HP}	Os010912_01	S1	-0.952	0.000	P	710.929	P	367.574	P	429.487	LOC_Os06g23870.1
DG _{HP}	Os010932_01	S1	0.000	0.872	P	239.752	P	258.884	P	141.437	-
DG _{HP}	Os010947_01	S1	-0.922	0.000	P	1248.435	P	658.960	P	665.466	-
DG _{HP}	Os010948_01	S1	-1.300	0.826	P	5351.654	P	2172.887	P	1225.654	LOC_Os03g03724.2
DG _{HP}	Os010958_01	S1	2.084	0.000	P	10410.444	P	44140.317	P	26221.862	LOC_Os06g11860.1
DG _{HP}	Os011001_01	S1	-1.147	0.000	P	628.781	P	283.927	P	270.157	LOC_Os05g46480.4
DG _{HP}	Os011020_01	S1	-1.020	0.000	P	548.756	P	270.610	P	252.534	LOC_Os08g39090.1
DG _{HP}	Os011314_01	S1	1.309	0.000	P	122.346	P	303.207	P	338.620	LOC_Os06g08910.3
DG _{HP}	Os011327_01	S1	-0.910	-1.318	P	653.451	P	347.861	P	867.080	LOC_Os02g31030.1
DG _{HP}	Os011344_01	S1	0.000	1.125	P	1080.729	P	881.183	P	404.015	-
DG _{HP}	Os011362_01	S1	1.149	0.000	P	352.192	P	781.014	P	734.236	-
DG _{HP}	Os011415_01	S1	1.348	0.000	P	1751.895	P	4460.180	P	3247.262	LOC_Os12g10604.1
DG _{HP}	Os011527_01	S1	1.170	0.000	P	102.766	P	231.287	P	178.313	LOC_Os04g42444.1
DG _{HP}	Os011633_01	S1	0.000	-0.700	P	526.827	P	663.158	P	1077.243	LOC_Os12g15470.2
DG _{HP}	Os011820_01	S1	2.356	0.000	P	103.607	P	530.261	P	558.188	-
DG _{HP}	Os012152_01	S1	-1.204	0.000	P	1190.163	P	516.647	P	377.237	LOC_Os01g18800.1
DG _{HP}	Os012218_01	S1	-1.163	1.193	P	1745.023	P	779.485	P	340.823	LOC_Os02g41550.3
DG _{HP}	Os012411_01	S1	1.027	0.000	P	155.831	P	317.552	P	227.710	LOC_Os01g65250.1
DG _{HP}	Os012425_01	S1	1.167	0.000	P	91.580	P	205.630	P	223.725	-
DG _{HP}	Os012547_01	S1	-1.211	0.867	P	1004.468	P	433.879	P	237.912	LOC_Os02g10350.1
DG _{HP}	Os012571_01	S1	-0.967	0.000	P	384.171	P	196.588	P	150.932	LOC_Os05g05590.1
DG _{HP}	Os012627_01	S1	0.000	-0.660	P	155.604	P	192.273	P	303.892	LOC_Os06g08720.2
DG _{HP}	Os012646_01	S1	0.000	0.962	P	1207.045	P	786.096	P	403.430	LOC_Os08g28730.1

DG _{HP}	Os012664_01	S1	-1.121	0.000	P	995.061	P	457.350	P	321.393	LOC_Os02g52650.1
DG _{HP}	Os012670_01	S1	0.000	0.901	P	756.131	P	640.005	P	342.730	LOC_Os04g33310.1
DG _{HP}	Os012753_01	S1	0.000	-0.754	P	9995.127	P	7417.512	P	12507.832	-
DG _{HP}	Os012771_01	S1	1.021	0.000	P	651.004	P	1321.400	P	1092.320	LOC_Os05g46220.1
DG _{HP}	Os012974_01	S1	0.000	-0.880	P	205.374	P	192.031	P	353.340	LOC_Os09g31430.1
DG _{HP}	Os013133_01	S1	-1.121	0.000	P	5656.898	P	2601.248	P	3039.598	LOC_Os03g02560.1
DG _{HP}	Os013156_01	S1	-0.961	0.000	P	512.843	P	263.482	P	195.587	LOC_Os03g62240.1
DG _{HP}	Os013246_01	S1	-0.957	0.000	P	413.848	P	213.160	P	259.840	LOC_Os11g11000.2
DG _{HP}	Os013247_01	S1	1.059	0.000	P	91.028	P	189.672	P	163.591	LOC_Os03g58720.1
DG _{HP}	Os013279_01	S1	-1.403	0.000	P	862.909	P	326.256	P	315.496	LOC_Os07g35480.3
DG _{HP}	Os013495_01	S1	0.000	-0.657	P	320.273	P	208.308	P	328.513	LOC_Os08g01390.1
DG _{HP}	Os013532_01	S1	-1.318	0.000	P	1290.829	P	517.750	P	354.659	LOC_Os01g55094.2
DG _{HP}	Os013652_01	S1	0.000	0.893	P	953.492	P	621.192	P	334.578	LOC_Os04g51120.1
DG _{HP}	Os013718_01	S1	-0.915	0.000	P	592.100	P	314.063	P	218.810	LOC_Os07g31850.1
DG _{HP}	Os013723_01	S1	-1.054	0.000	P	493.883	P	237.838	P	190.337	LOC_Os03g62370.1
DG _{HP}	Os013959_01	S1	-0.896	0.000	P	1436.509	P	772.203	P	653.320	LOC_Os01g31870.1
DG _{HP}	Os014085_01	S1	1.450	0.000	P	206.733	P	564.854	P	610.746	-
DG _{HP}	Os014099_01	S1	1.066	0.000	P	115.661	P	242.084	P	149.967	LOC_Os12g07120.1
DG _{HP}	Os014111_01	S1	1.109	0.000	P	102.639	P	221.364	P	183.277	LOC_Os03g40110.1
DG _{HP}	Os014289_01	S1	1.464	0.000	P	99.232	P	273.685	P	341.221	LOC_Os07g26000.1
DG _{HP}	Os014364_01	S1	1.207	0.000	P	158.973	P	367.012	P	528.587	LOC_Os01g45914.1
DG _{HP}	Os014422_01	S1	-0.908	-0.786	P	417.096	P	222.214	P	383.154	-
DG _{HP}	Os014458_01	S1	1.175	0.000	P	86.976	P	196.444	P	180.871	-
DG _{HP}	Os014522_01	S1	-0.965	0.000	P	1165.401	P	596.998	P	467.530	LOC_Os08g14450.1
DG _{HP}	Os014557_01	S1	1.618	0.000	P	183.180	P	562.076	P	559.693	LOC_Os03g22620.1
DG _{HP}	Os014887_01	S1	1.651	0.000	P	194.991	P	612.259	P	859.407	LOC_Os04g25740.1
DG _{HP}	Os014900_01	S1	1.096	1.172	P	552.480	P	1181.056	P	524.150	LOC_Os04g40700.3
DG _{HP}	Os015021_01	S1	-1.363	0.000	P	1861.891	P	724.098	P	609.587	LOC_Os10g29502.1
DG _{HP}	Os015538_01	S1	-0.897	0.000	P	329.244	P	176.778	P	186.489	LOC_Os10g09090.1
DG _{HP}	Os015562_01	S1	-1.279	0.000	P	697.990	P	287.546	P	281.731	LOC_Os12g05730.1
DG _{HP}	Os015663_01	S1	1.123	0.000	P	104.193	P	226.986	P	160.262	LOC_Os11g02379.1

DG _{HP}	Os015693_01	S1	1.059	0.000	P	475.684	P	991.148	P	1134.704	LOC_Os10g11354.1
DG _{HP}	Os015702_01	S1	0.000	-0.760	P	218.465	P	188.230	P	318.693	LOC_Os01g03310.1
DG _{HP}	Os015744_01	S1	-0.906	0.000	P	681.351	P	363.639	P	260.106	LOC_Os04g54790.1
DG _{HP}	Os016085_01	S1	1.155	1.395	P	538.404	P	1198.685	P	455.750	LOC_Os09g12150.1
DG _{HP}	Os016154_01	S1	1.288	0.000	P	86.404	P	210.936	P	191.191	LOC_Os12g23780.2
DG _{HP}	Os016542_01	S1	-0.892	0.000	P	790.105	P	425.726	P	299.675	LOC_Os05g14270.1
DG _{HP}	Os016689_01	S1	0.000	1.301	P	656.576	P	412.027	P	167.176	LOC_Os08g01514.1
DG _{HP}	Os016738_01	S1	-0.948	0.000	P	428.547	P	222.191	P	176.185	LOC_Os02g28900.1
DG _{HP}	Os016806_01	S1	0.000	-0.872	P	181.520	P	194.299	P	355.595	LOC_Os02g39840.1
DG _{HP}	Os016966_01	S1	0.000	0.915	P	9418.272	P	6536.519	P	3466.939	LOC_Os04g32850.2
DG _{HP}	Os017226_01	S1	0.000	-0.712	P	160.464	P	216.175	P	354.222	LOC_Os07g30090.1
DG _{HP}	Os017352_01	S1	1.282	1.642	P	1196.981	P	2910.788	P	932.967	-
DG _{HP}	Os017372_01	S1	-1.282	0.000	P	547.300	P	224.989	P	176.878	LOC_Os11g45720.1
DG _{HP}	Os017668_01	S1	-1.135	0.000	P	403.846	P	183.877	P	136.629	LOC_Os05g47442.1
DG _{HP}	Os017708_01	S1	1.326	0.000	P	96.177	P	241.076	P	183.425	-
DG _{HP}	Os017718_01	S1	1.087	0.000	P	1149.950	P	2442.862	P	2309.835	-
DG _{HP}	Os018215_01	S1	1.875	1.189	P	131.930	P	484.052	P	212.328	LOC_Os10g10130.2
DG _{HP}	Os018485_01	S1	-0.870	0.000	P	339.725	P	185.936	P	197.936	LOC_Os10g02350.1
DG _{HP}	Os018489_01	S1	0.000	0.820	P	128.452	P	139.396	P	78.986	LOC_Os10g37430.1
DG _{HP}	Os018524_01	S1	0.000	-0.683	P	963.423	P	925.394	P	1485.617	LOC_Os05g07050.1
DG _{HP}	Os018691_01	S1	0.000	-0.747	P	217.147	P	184.546	P	309.641	LOC_Os03g08430.1
DG _{HP}	Os018865_01	S1	-0.917	0.000	P	1078.773	P	571.220	P	420.235	-
DG _{HP}	Os018960_01	S1	-0.934	0.000	P	10755.259	P	5628.481	P	5664.740	LOC_Os03g52840.1
DG _{HP}	Os018984_01	S1	-0.892	0.000	P	728.793	P	392.810	P	252.029	LOC_Os06g03600.2
DG _{HP}	Os019058_01	S1	1.026	0.000	P	667.065	P	1358.390	P	1304.745	LOC_Os06g02370.1
DG _{HP}	Os019083_01	S1	0.000	1.164	P	370.038	P	329.987	P	147.238	LOC_Os05g22960.1
DG _{HP}	Os019163_01	S1	-1.318	0.000	P	5798.130	P	2325.419	P	1938.652	LOC_Os01g08560.2
DG _{HP}	Os019366_01	S1	0.000	0.938	P	496.568	P	361.001	P	188.468	LOC_Os03g13590.1
DG _{HP}	Os019413_01	S1	-1.440	0.000	P	4021.955	P	1482.302	P	1058.172	LOC_Os07g49110.1
DG _{HP}	Os019560_01	S1	1.395	0.000	P	117.374	P	308.776	P	314.552	LOC_Os10g03850.1
DG _{HP}	Os019665_01	S1	-0.886	0.930	P	1853.723	P	1003.409	P	526.652	-

DG _{HP}	Os019688_01	S1	-1.007	0.000	P	4389.057	P	2183.423	P	1975.435	LOC_Os04g02820.2
DG _{HP}	Os019935_01	S1	0.000	0.890	P	890.251	P	662.130	P	357.258	LOC_Os05g48700.1
DG _{HP}	Os019937_01	S1	1.853	-0.796	P	239.398	P	864.682	P	1501.364	LOC_Os10g03750.1
DG _{HP}	Os020077_01	S1	0.000	0.877	P	1673.338	P	1389.619	P	756.789	LOC_Os07g37800.1
DG _{HP}	Os020281_01	S1	-0.938	0.000	P	2197.120	P	1147.097	P	916.115	LOC_Os03g64130.1
DG _{HP}	Os020332_01	S1	-0.859	0.000	P	1129.825	P	622.857	P	400.861	LOC_Os03g47580.1
DG _{HP}	Os020363_01	S1	-0.866	0.000	P	457.231	P	250.837	P	322.682	LOC_Os02g21260.1
DG _{HP}	Os020394_01	S1	1.017	0.000	P	100.144	P	202.639	P	169.150	LOC_Os12g41200.1
DG _{HP}	Os020445_01	S1	-0.885	0.000	P	1133.251	P	613.840	P	447.670	LOC_Os06g43210.1
DG _{HP}	Os020797_01	S1	-0.879	0.000	P	460.712	P	250.527	P	320.937	LOC_Os04g05650.1
DG _{HP}	Os020872_01	S1	0.000	0.914	P	432.553	P	304.069	P	161.410	LOC_Os01g72870.2
DG _{HP}	Os021073_01	S1	1.020	0.000	P	994.449	P	2016.143	P	2564.343	LOC_Os02g39000.1
DG _{HP}	Os021187_01	S1	0.000	1.285	P	520.828	P	977.596	P	401.095	LOC_Os03g49260.1
DG _{HP}	Os021479_01	S1	1.971	0.000	P	78.898	P	309.280	P	299.695	LOC_Os04g09654.1
DG _{HP}	Os021798_01	S1	0.000	0.793	P	151.599	P	198.839	P	114.759	LOC_Os11g08380.1
DG _{HP}	Os022134_01	S1	0.000	-0.770	P	498.985	P	373.693	P	637.328	LOC_Os03g22010.1
DG _{HP}	Os022279_01	S1	0.000	0.899	P	130.600	P	230.425	P	123.565	LOC_Os08g31850.1
DG _{HP}	Os022367_01	S1	0.000	0.805	P	165.402	P	194.471	P	111.313	LOC_Os02g03730.1
DG _{HP}	Os022874_01	S1	0.000	0.853	P	239.432	P	271.577	P	150.316	-
DG _{HP}	Os022964_01	S1	-0.950	0.000	P	482.605	P	249.773	P	200.499	LOC_Os06g28060.1
DG _{HP}	Os023453_01	S1	0.000	0.817	P	158.265	P	163.778	P	92.978	LOC_Os03g06610.1
DG _{HP}	Os023514_01	S1	-0.953	0.842	P	1908.699	P	985.749	P	549.922	LOC_Os05g35050.1
DG _{HP}	Os023663_01	S1	0.000	0.881	P	411.320	P	549.951	P	298.548	LOC_Os07g18560.1
DG _{HP}	Os023734_01	S1	10.000	-0.851	A	44.833	P	294.489	P	531.230	LOC_Os02g11870.1
DG _{HP}	Os023881_01	S1	1.384	0.000	P	130.789	P	341.301	P	371.086	LOC_Os03g53690.1
DG _{HP}	Os024073_01	S1	1.680	0.000	P	183.162	P	586.849	P	391.013	-
DG _{HP}	Os024086_01	S1	-1.461	0.000	P	1622.368	P	589.174	P	668.320	LOC_Os10g25310.1
DG _{HP}	Os024099_01	S1	-1.053	0.000	P	691.883	P	333.422	P	412.431	LOC_Os01g51690.1
DG _{HP}	Os024208_01	S1	-1.349	0.000	P	1553.087	P	609.795	P	763.346	-
DG _{HP}	Os024527_01	S1	0.000	-0.947	P	724.836	P	604.824	P	1166.408	LOC_Os03g18230.1
DG _{HP}	Os024704_01	S1	0.000	0.833	P	325.525	P	443.020	P	248.617	-

DG _{HP}	Os024737_01	S1	1.723	0.000	P	116.011	P	382.861	P	271.857	LOC_Os01g01660.1
DG _{HP}	Os024814_01	S1	1.246	0.000	P	226.027	P	536.048	P	373.681	LOC_Os09g07150.1
DG _{HP}	Os024906_01	S1	0.000	0.883	P	583.231	P	623.730	P	338.241	-
DG _{HP}	Os024920_01	S1	0.000	-0.660	P	1140.147	P	754.750	P	1192.631	LOC_Os03g53340.3
DG _{HP}	Os025209_01	S1	1.056	0.000	P	151.009	P	313.875	P	218.564	LOC_Os10g05600.1
DG _{HP}	Os025501_01	S1	1.338	0.000	P	170.295	P	430.653	P	491.452	LOC_Os04g48410.1
DG _{HP}	Os025786_01	S1	-0.883	0.000	P	400.040	P	216.903	P	156.076	-
DG _{HP}	Os025787_01	S1	1.857	1.626	P	2666.693	P	9662.293	P	3131.332	LOC_Os12g04980.1
DG _{HP}	Os025872_01	S1	0.000	0.982	P	129.752	P	225.501	P	114.136	LOC_Os11g01450.1
DG _{HP}	Os026790_01	S1	-0.891	0.000	P	760.140	P	409.942	P	567.824	LOC_Os05g06120.1
DG _{HP}	Os027175_01	S1	1.047	0.000	P	341.099	P	704.777	P	721.234	-
DG _{HP}	Os027821_01	S1	-0.899	0.000	P	847.586	P	454.506	P	438.149	LOC_Os07g37730.1
DG _{HP}	Os028048_01	S1	3.841	-0.730	P	155.028	P	2221.735	P	3685.582	LOC_Os09g16300.1
DG _{HP}	Os028210_01	S1	0.000	0.887	P	167.644	P	245.268	P	132.649	LOC_Os01g65810.1
DG _{HP}	Os028344_01	S1	-1.010	0.000	P	560.207	P	278.166	P	220.980	LOC_Os01g45970.1
DG _{HP}	Os028450_01	S1	-1.014	-0.889	P	397.629	P	196.942	P	364.621	LOC_Os04g45350.1
DG _{HP}	Os028543_01	S1	10.000	0.994	A	85.694	P	299.417	P	150.333	LOC_Os03g47890.1
DG _{HP}	Os028605_01	S1	-1.127	0.000	P	1588.857	P	727.447	P	1041.329	LOC_Os02g06380.1
DG _{HP}	Os028680_01	S1	10.000	-0.804	A	52.557	P	1073.510	P	1873.680	LOC_Os07g06100.1
DG _{HP}	Os029050_01	S1	0.000	0.984	P	413.318	P	699.255	P	353.510	LOC_Os10g35260.1
DG _{HP}	Os029140_01	S1	0.000	0.849	P	952.462	P	678.873	P	376.907	LOC_Os08g01520.1
DG _{HP}	Os029456_01	S1	-0.897	0.000	P	1178.458	P	632.842	P	725.865	LOC_Os07g02860.1
DG _{HP}	Os029535_01	S1	1.338	0.786	P	2932.328	P	7411.470	P	4297.451	LOC_Os06g19770.1
DG _{HP}	Os029722_01	S1	-0.941	0.000	P	1899.630	P	989.603	P	811.223	LOC_Os05g03600.1
DG _{HP}	Os029793_01	S1	1.220	0.000	P	286.321	P	666.851	P	424.222	LOC_Os02g57810.1
DG _{HP}	Os029843_01	S1	-0.879	0.000	P	725.200	P	394.347	P	334.364	LOC_Os05g08650.1
DG _{HP}	Os030307_01	S1	1.031	0.000	P	122.520	P	250.417	P	310.064	LOC_Os07g36510.1
DG _{HP}	Os030378_01	S1	0.000	-0.668	P	727.480	P	1307.267	P	2077.640	LOC_Os06g09390.2
DG _{HP}	Os030442_01	S1	1.179	0.000	P	1290.820	P	2921.944	P	2332.621	LOC_Os06g10290.1
DG _{HP}	Os030724_01	S1	0.000	-0.663	P	250.354	P	215.104	P	340.474	-
DG _{HP}	Os030769_01	S1	1.501	10.000	P	363.358	P	1028.621	A	279.453	LOC_Os12g30690.1

DG _{HP}	Os030806_01	S1	1.084	0.000	P	1162.232	P	2463.721	P	2690.285	-
DG _{HP}	Os030865_01	S1	1.381	1.206	P	1351.743	P	3519.840	P	1526.157	LOC_Os01g16400.1
DG _{HP}	Os031169_01	S1	-0.917	0.000	P	471.293	P	249.681	P	269.999	LOC_Os10g20080.1
DG _{HP}	Os031292_01	S1	-0.929	0.000	P	513.849	P	269.817	P	306.771	LOC_Os12g03570.1
DG _{HP}	Os031446_01	S1	1.401	0.000	P	239.387	P	632.194	P	665.117	-
DG _{HP}	Os031447_01	S1	1.199	-0.655	P	106.127	P	243.569	P	383.522	LOC_Os01g34940.1
DG _{HP}	Os031781_01	S1	0.000	0.903	P	3994.207	P	5355.150	P	2863.804	LOC_Os06g30530.1
DG _{HP}	Os031968_01	S1	1.104	-0.656	P	130.321	P	280.149	P	441.502	LOC_Os01g60520.1
DG _{HP}	Os032194_01	S1	1.251	0.000	P	4380.533	P	10422.331	P	6127.250	LOC_Os08g43530.1
DG _{HP}	Os032594_01	S1	10.000	1.600	A	626.669	P	473.549	P	156.178	LOC_Os01g33360.1
DG _{HP}	Os032996_01	S1	0.000	-0.769	P	817.775	P	848.261	P	1445.884	LOC_Os04g28690.1
DG _{HP}	Os033046_01	S1	-1.251	0.000	P	2966.876	P	1246.965	P	1581.241	LOC_Os10g35330.1
DG _{HP}	Os033509_01	S1	0.000	0.962	P	211.546	P	332.218	P	170.597	LOC_Os07g12130.1
DG _{HP}	Os033569_01	S1	-0.864	0.000	P	272.377	P	149.635	P	128.318	LOC_Os05g25350.1
DG _{HP}	Os033744_01	S1	1.054	0.000	P	149.056	P	309.381	P	342.573	LOC_Os03g05450.1
DG _{HP}	Os033846_01	S1	1.508	-1.046	P	118.698	P	337.538	P	696.752	LOC_Os03g51570.1
DG _{HP}	Os033901_01	S1	0.000	-0.715	P	1438.041	P	1095.161	P	1797.086	LOC_Os02g47490.1
DG _{HP}	Os034073_01	S1	-0.967	0.000	P	630.457	P	322.542	P	403.433	-
DG _{HP}	Os034452_01	S1	0.000	0.898	P	429.609	P	294.928	P	158.291	LOC_Os09g02350.1
DG _{HP}	Os034533_01	S1	1.134	0.000	P	124.307	P	272.827	P	290.160	LOC_Os05g12270.1
DG _{HP}	Os034649_01	S1	-1.360	0.000	P	12694.203	P	4945.043	P	6342.399	LOC_Os11g47980.1
DG _{HP}	Os034673_01	S1	-0.942	0.000	P	690.523	P	359.322	P	362.011	LOC_Os06g02510.3
DG _{HP}	Os035398_01	S1	-1.206	0.000	P	483.947	P	209.802	P	278.468	-
DG _{HP}	Os035905_01	S1	-1.138	0.000	P	920.492	P	418.128	P	320.194	LOC_Os11g39020.1
DG _{HP}	Os036131_01	S1	1.727	0.000	P	766.216	P	2537.060	P	1892.482	-
DG _{HP}	Os036357_01	S1	1.043	0.000	P	195.919	P	403.655	P	473.154	-
DG _{HP}	Os036402_01	S1	1.726	-1.246	P	319.259	P	1056.313	P	2506.206	-
DG _{HP}	Os036485_01	S1	0.000	-0.722	P	153.513	P	170.430	P	281.023	LOC_Os02g19450.1
DG _{HP}	Os036725_01	S1	1.528	0.000	P	209.911	P	605.156	P	623.869	-
DG _{HP}	Os036907_01	S1	1.222	0.000	P	210.638	P	491.353	P	408.486	LOC_Os05g48780.1
DG _{HP}	Os036934_01	S1	0.000	0.811	P	468.525	P	450.082	P	256.566	-

DG _{HP}	Os037049_01	S1	1.289	1.083	P	1283.416	P	3136.077	P	1480.331	LOC_Os08g17980.1
DG _{HP}	Os037064_01	S1	0.000	-1.024	P	706.021	P	547.577	P	1113.232	LOC_Os04g20540.1
DG _{HP}	Os037250_01	S1	-1.033	0.000	P	1438.481	P	702.915	P	689.477	LOC_Os11g15180.1
DG _{HP}	Os037254_01	S1	-0.877	0.000	P	404.394	P	220.267	P	340.492	LOC_Os04g27720.1
DG _{HP}	Os037297_01	S1	-1.333	0.000	P	831.144	P	329.993	P	391.696	LOC_Os05g16570.1
DG _{HP}	Os037305_01	S1	0.000	0.855	P	244.252	P	211.513	P	116.926	-
DG _{HP}	Os037383_01	S1	1.038	0.000	P	490.693	P	1007.842	P	1028.662	LOC_Os07g28250.1
DG _{HP}	Os037792_01	S1	-1.050	0.000	P	539.208	P	260.404	P	306.897	LOC_Os07g35860.1
DG _{HP}	Os038123_01	S1	-1.561	0.000	P	690.171	P	233.926	P	257.266	LOC_Os09g09630.1
DG _{HP}	Os038209_01	S1	-1.358	0.000	P	882.014	P	344.037	P	411.371	LOC_Os06g51000.1
DG _{HP}	Os038408_01	S1	-0.946	0.000	P	17510.729	P	9091.754	P	8573.117	LOC_Os09g25700.1
DG _{HP}	Os038459_01	S1	0.000	1.196	P	234.015	P	454.917	P	198.526	LOC_Os03g30630.1
DG _{HP}	Os038619_01	S1	-0.972	0.000	P	1224.141	P	623.947	P	660.312	-
DG _{HP}	Os039006_01	S1	0.000	0.878	P	440.660	P	408.984	P	222.479	LOC_Os06g44790.1
DG _{HP}	Os039244_01	S1	-0.891	0.000	P	476.279	P	256.862	P	256.507	-
DG _{HP}	Os039379_01	S1	1.036	0.000	P	440.466	P	903.438	P	735.505	LOC_Os04g51510.1
DG _{HP}	Os039822_01	S1	1.504	0.000	P	435.779	P	1235.731	P	1807.529	LOC_Os10g10260.1
DG _{HP}	Os039861_01	S1	-1.082	0.000	P	410.545	P	193.872	P	151.802	LOC_Os11g42490.1
DG _{HP}	Os039877_01	S1	1.389	0.000	P	179.023	P	469.005	P	619.201	-
DG _{HP}	Os040035_01	S1	0.000	0.888	P	1064.551	P	812.026	P	438.711	-
DG _{HP}	Os040133_01	S1	1.028	-0.657	P	139.654	P	284.811	P	449.148	LOC_Os08g37050.1
DG _{HP}	Os040246_01	S1	-1.174	0.000	P	1905.083	P	844.490	P	929.453	LOC_Os08g44670.1
DG _{HP}	Os040497_01	S1	-0.923	0.000	P	939.345	P	495.398	P	617.715	LOC_Os12g41420.1
DG _{HP}	Os040593_01	S1	0.000	0.973	P	502.467	P	376.674	P	191.851	LOC_Os01g34614.1
DG _{HP}	Os040616_01	S1	-1.019	0.000	P	827.518	P	408.399	P	529.582	LOC_Os01g44330.1
DG _{HP}	Os040850_01	S1	0.000	0.832	P	322.453	P	214.407	P	120.472	LOC_Os03g30040.1
DG _{HP}	Os040966_01	S1	0.000	0.834	P	299.709	P	284.825	P	159.761	LOC_Os11g25300.1
DG _{HP}	Os041041_01	S1	1.009	0.000	P	171.522	P	345.170	P	404.729	LOC_Os03g05600.1
DG _{HP}	Os041269_01	S1	1.348	0.000	P	169.270	P	430.812	P	437.888	LOC_Os10g01500.1
DG _{HP}	Os041419_01	S1	0.000	0.821	P	121.952	P	167.359	P	94.750	LOC_Os08g04680.1
DG _{HP}	Os041507_01	S1	1.159	1.227	P	264.420	P	590.517	P	252.351	-

DG _{HP}	Os041666_01	S1	1.344	0.000	P	97.972	P	248.638	P	210.385	-
DG _{HP}	Os042004_01	S1	0.000	0.791	P	285.185	P	445.551	P	257.489	LOC_Os06g14640.1
DG _{HP}	Os042294_01	S1	1.044	0.000	P	270.674	P	557.954	P	455.733	LOC_Os02g13440.1
DG _{HP}	Os042647_01	S1	0.000	1.065	P	556.673	P	399.291	P	190.886	LOC_Os07g03620.1
DG _{HP}	Os042677_01	S1	10.000	1.071	A	54.529	P	284.504	P	135.396	-
DG _{HP}	Os042854_01	S1	0.000	-0.799	P	8504.641	P	5707.774	P	9932.865	LOC_Os04g26880.1
DG _{HP}	Os043010_01	S1	0.000	0.876	P	380.703	P	405.885	P	221.124	LOC_Os12g33370.1
DG _{HP}	Os043245_01	S1	1.220	0.000	P	786.325	P	1832.187	P	1384.507	LOC_Os07g29530.1
DG _{HP}	Os043567_01	S1	1.111	0.000	P	191.872	P	414.401	P	535.369	LOC_Os11g17040.1
DG _{HP}	Os043773_01	S1	-0.942	0.000	P	2830.222	P	1473.104	P	2056.323	LOC_Os08g09410.1
DG _{HP}	Os043831_01	S1	1.459	0.000	P	98.905	P	271.974	P	251.498	-
DG _{HP}	Os043894_01	S1	1.534	0.000	P	117.549	P	340.427	P	467.084	LOC_Os12g31000.1
DG _{HP}	Os043923_01	S1	2.242	-0.816	P	217.861	P	1030.795	P	1814.490	LOC_Os02g27160.1
DG _{HP}	Os044196_01	S1	1.307	-0.724	P	308.682	P	763.698	P	1261.448	LOC_Os05g32650.1
DG _{HP}	Os044283_01	S1	2.519	0.000	P	297.732	P	1705.974	P	2389.160	-
DG _{HP}	Os044284_01	S1	0.000	1.020	P	215.363	P	270.794	P	133.569	LOC_Os11g30950.1
DG _{HP}	Os044822_01	S1	0.000	1.025	P	320.422	P	378.643	P	186.066	LOC_Os08g21200.1
DG _{HP}	Os045347_01	S1	3.053	0.000	P	195.087	P	1618.575	P	1676.094	LOC_Os06g18120.1
DG _{HP}	Os045565_01	S1	2.207	0.000	P	138.581	P	639.684	P	586.593	LOC_Os10g09630.1
DG _{HP}	Os046160_01	S1	-1.046	0.000	P	553.072	P	267.945	P	237.917	LOC_Os07g32440.1
DG _{HP}	Os046600_01	S1	1.404	0.000	P	264.388	P	699.759	P	718.110	-
DG _{HP}	Os047443_01	S1	0.000	0.837	P	757.551	P	557.616	P	312.214	LOC_Os05g18050.1
DG _{HP}	Os047756_01	S1	1.129	1.223	P	229.402	P	501.732	P	214.941	LOC_Os03g05070.1
DG _{HP}	Os048043_01	S1	1.776	1.710	P	362.266	P	1240.886	P	379.322	LOC_Os06g32674.1
DG _{HP}	Os048165_01	S1	-1.037	0.000	P	583.531	P	284.382	P	363.845	LOC_Os04g11970.1
DG _{HP}	Os048756_01	S1	-1.706	-0.725	P	1177.696	P	361.016	P	596.563	LOC_Os06g23780.1
DG _{HP}	Os049257_01	S1	0.000	0.914	P	259.517	P	275.205	P	146.025	LOC_Os02g13000.1
DG _{HP}	Os049367_01	S1	-1.027	0.000	P	406.095	P	199.267	P	203.789	LOC_Os03g40470.1
DG _{HP}	Os050244_01	S1	0.000	0.833	P	174.860	P	192.137	P	107.885	-
DG _{HP}	Os050919_01	S1	0.000	0.811	P	271.161	P	288.931	P	164.655	LOC_Os05g17050.1
DG _{HP}	Os051250_01	S1	1.142	0.000	P	107.899	P	238.163	P	141.729	-

DG _{HP}	Os051869_01	S1	-1.220	0.000	P	1714.500	P	735.906	P	944.365	LOC_Os11g45090.1
DG _{HP}	Os051892_01	S1	-0.984	0.000	P	29094.231	P	14709.384	P	12238.363	LOC_Os08g15149.1
DG _{HP}	Os051936_01	S1	0.000	1.254	P	791.964	P	865.717	P	362.984	LOC_Os10g39410.1
DG _{HP}	Os051974_01	S1	0.000	-1.279	P	1010.525	P	1083.530	P	2629.904	LOC_Os01g03360.1
DG _{HP}	Os052072_01	S1	0.000	-0.861	P	477.142	P	280.929	P	510.302	LOC_Os12g26290.2
DG _{HP}	Os052088_01	S1	0.000	1.136	P	393.295	P	444.911	P	202.392	LOC_Os03g14630.1
DG _{HP}	Os052235_01	S1	0.000	1.005	P	663.146	P	512.518	P	255.321	LOC_Os03g24580.1
DG _{HP}	Os052240_01	S1	0.000	-0.696	P	892.529	P	668.382	P	1083.058	LOC_Os01g04050.1
DG _{HP}	Os052266_01	S1	0.000	-0.655	P	125.777	P	208.957	P	328.989	LOC_Os01g40860.1
DG _{HP}	Os052281_01	S1	-1.178	0.000	P	6638.018	P	2934.571	P	2573.311	LOC_Os07g46460.1
DG _{HP}	Os052305_01	S1	0.000	0.902	P	274.132	P	264.748	P	141.706	LOC_Os01g42530.1
DG _{HP}	Os052610_01	S1	1.288	0.000	P	103.557	P	252.895	P	240.721	LOC_Os06g18670.1
DG _{HP}	Os052669_01	S1	-0.954	0.000	P	373.403	P	192.693	P	287.387	LOC_Os11g37970.1
DG _{HP}	Os052960_01	S1	0.000	-1.311	P	230.463	P	330.131	P	819.346	LOC_Os01g12110.2
DG _{HP}	Os052967_01	S1	1.086	0.000	P	125.950	P	267.340	P	226.819	LOC_Os04g31520.1
DG _{HP}	Os053065_01	S1	0.000	1.035	P	505.074	P	302.239	P	147.466	LOC_Os01g06530.1
DG _{HP}	Os053243_01	S1	1.075	0.000	P	202.891	P	427.455	P	444.189	LOC_Os12g20310.1
DG _{HP}	Os053489_01	S1	1.060	0.000	P	232.261	P	484.089	P	730.740	LOC_Os11g17480.1
DG _{HP}	Os053691_01	S1	-0.864	0.000	P	382.571	P	210.249	P	219.811	LOC_Os02g56320.1
DG _{HP}	Os053902_01	S1	1.011	0.000	P	101.106	P	203.773	P	172.184	-
DG _{HP}	Os054176_02	S1	-0.929	0.000	P	2288.193	P	1202.066	P	1154.102	-
DG _{HP}	Os054423_01	S1	1.104	0.000	P	201.466	P	433.006	P	317.233	LOC_Os01g05970.1
DG _{HP}	Os054493_01	S1	1.059	0.000	P	624.814	P	1301.405	P	1417.749	LOC_Os03g22810.1
DG _{HP}	Os054592_01	S1	1.185	0.000	P	658.599	P	1497.410	P	1875.829	LOC_Os05g06310.1
DG _{HP}	Os054598_01	S1	1.559	0.000	P	157.898	P	465.191	P	621.687	LOC_Os01g07310.1
DG _{HP}	Os054602_01	S1	0.000	-0.923	P	426.748	P	478.229	P	906.778	LOC_Os08g35190.2
DG _{HP}	Os054626_01	S1	1.016	0.000	P	221.332	P	447.619	P	667.360	LOC_Os03g22810.1
DG _{HP}	Os054660_01	S1	-1.263	0.000	P	3095.774	P	1289.592	P	975.786	LOC_Os04g41560.2
DG _{HP}	Os054700_01	S1	-1.401	0.000	P	1255.861	P	475.687	P	380.561	LOC_Os07g44330.2
DG _{HP}	Os054726_01	S1	1.756	0.000	P	182.282	P	615.607	P	394.402	LOC_Os02g13660.1
DG _{HP}	Os054741_01	S1	10.000	-0.787	A	70.802	P	340.229	P	586.917	-

DG _{HP}	Os054845_01	S1	1.132	0.000	P	195.281	P	428.081	P	270.699	-			
DG _{HP}	Os055024_01	S1	-1.042	0.000	P	733.388	P	356.084	P	277.515	LOC_Os04g53310.1			
DG _{HP}	Os055176_01	S1	0.000	0.815	P	791.054	P	547.588	P	311.328	LOC_Os07g33630.1			
DG _{HP}	Os055515_01	S1	0.000	0.829	P	295.794	P	263.103	P	148.102	-			
DG _{HP}	Os055586_01	S1	1.113	0.000	P	116.033	P	250.983	P	262.572	LOC_Os01g15290.2			
DG _{HP}	Os055710_01	S1	0.000	0.908	P	941.466	P	1146.591	P	611.120	LOC_Os03g37570.1			
DG _{HP}	Os055842_01	S1	1.196	0.000	P	534.933	P	1225.924	P	1764.901	LOC_Os01g54800.1			
DG _{HP}	Os056418_01	S1	-0.902	0.000	P	603.419	P	322.939	P	291.393	LOC_Os09g11520.1			
DG _{HP}	Os056775_01	S1	0.000	-1.084	P	228.725	P	221.639	P	469.861	LOC_Os01g71680.1			
DG _{HP}	Os056918_02	S1	-2.514	0.000	P	1838.523	P	321.838	P	414.269	LOC_Os01g13690.1			
DG _{HP}	Os057062_02	S1	0.000	0.948	P	323.268	P	323.830	P	167.868	LOC_Os07g43350.1			
DG _{HP}	Os057210_02	S1	1.072	0.000	P	501.397	P	1053.768	P	753.566	-			
DG _{HP}	GeneID	S2	log2(Ratio(L/9))			log2(Ratio(L/P))		Ti_9311.flag		Ti_9311	Ti_LYP9.flag	Ti_LYP9	Ti_PA64s.flag	Ti_PA64s-
DG _{HP}	Os000040_01	S2	0.000	1.335	P	4812.716	P	4390.947	P	1740.724	LOC_Os01g65440.1			
DG _{HP}	Os000060_01	S2	-1.126	0.000	P	680.971	P	312.116	P	223.071	LOC_Os02g42700.1			
DG _{HP}	Os000128_01	S2	0.000	1.166	P	869.707	P	716.846	P	319.509	LOC_Os06g12740.1			
DG _{HP}	Os000149_01	S2	0.829	0.000	P	393.932	P	699.713	P	831.599	LOC_Os03g51960.1			
DG _{HP}	Os000174_01	S2	0.885	0.000	P	451.373	P	833.416	P	883.079	LOC_Os04g17100.1			
DG _{HP}	Os000177_01	S2	-0.842	0.000	P	772.183	P	430.896	P	427.001	LOC_Os09g38370.1			
DG _{HP}	Os000275_01	S2	-0.810	0.000	P	344.472	P	196.547	P	170.241	-			
DG _{HP}	Os000311_01	S2	1.047	0.000	P	151.402	P	312.723	P	352.956	LOC_Os03g49170.1			
DG _{HP}	Os000431_01	S2	0.000	-1.003	P	8539.232	P	9276.806	P	18598.622	LOC_Os01g68300.1			
DG _{HP}	Os000594_01	S2	1.574	0.000	P	137.948	P	410.795	P	535.090	LOC_Os04g29550.1			
DG _{HP}	Os000741_01	S2	-1.077	0.000	P	263.024	P	124.648	P	157.762	LOC_Os08g25820.2			
DG _{HP}	Os001020_01	S2	0.000	0.903	P	185.397	P	202.279	P	108.192	LOC_Os08g44170.1			
DG _{HP}	Os001058_01	S2	0.808	0.000	P	362.058	P	633.818	P	725.519	LOC_Os07g10540.1			
DG _{HP}	Os001104_01	S2	0.000	1.045	P	1260.572	P	805.550	P	390.450	LOC_Os01g46700.1			
DG _{HP}	Os001131_01	S2	0.725	0.000	P	215.041	P	355.438	P	441.124	LOC_Os07g43900.1			
DG _{HP}	Os001272_01	S2	-0.796	0.000	P	262.317	P	151.045	P	147.655	-			
DG _{HP}	Os001329_01	S2	0.774	0.000	P	291.486	P	498.386	P	435.111	-			
DG _{HP}	Os001521_01	S2	-2.392	0.989	P	1340.908	P	255.516	P	128.701	LOC_Os08g37140.1			

DG _{HP}	Os001579_01	S2	0.941	0.000	P	1474.030	P	2829.635	P	2893.292	LOC_Os10g36170.1
DG _{HP}	Os001623_01	S2	0.000	0.870	P	202.292	P	189.010	P	103.403	LOC_Os02g30460.1
DG _{HP}	Os001674_01	S2	0.000	0.914	P	859.306	P	1069.150	P	567.349	LOC_Os03g54900.2
DG _{HP}	Os001738_01	S2	-0.903	0.000	P	1738.018	P	929.586	P	921.633	LOC_Os02g41860.2
DG _{HP}	Os001920_01	S2	0.000	2.399	P	5705.724	P	3740.308	P	709.175	LOC_Os02g41580.1
DG _{HP}	Os001934_01	S2	10.000	-1.117	A	72.909	P	1388.822	P	3012.778	-
DG _{HP}	Os001942_01	S2	0.000	0.841	P	1495.448	P	1644.156	P	917.559	-
DG _{HP}	Os001988_01	S2	0.000	0.854	P	271.466	P	183.760	P	101.698	LOC_Os02g29190.1
DG _{HP}	Os002001_01	S2	0.865	0.000	P	218.856	P	398.474	P	375.652	LOC_Os05g24580.1
DG _{HP}	Os002004_01	S2	0.807	0.000	P	231.570	P	405.193	P	465.141	LOC_Os11g11810.1
DG _{HP}	Os002020_01	S2	0.827	0.000	P	228.058	P	404.697	P	384.225	LOC_Os02g33710.1
DG _{HP}	Os002113_01	S2	0.000	0.842	P	2766.611	P	2343.762	P	1307.102	LOC_Os12g06780.1
DG _{HP}	Os002304_01	S2	0.000	-0.854	P	546.554	P	728.736	P	1316.942	LOC_Os02g13060.1
DG _{HP}	Os002341_01	S2	0.875	0.000	P	374.491	P	686.692	P	918.091	LOC_Os11g09010.2
DG _{HP}	Os002373_01	S2	0.000	-0.680	P	239.599	P	305.573	P	489.469	LOC_Os10g40390.1
DG _{HP}	Os002387_01	S2	0.000	0.843	P	180.494	P	214.309	P	119.461	-
DG _{HP}	Os002390_01	S2	0.000	1.112	P	9821.673	P	5838.526	P	2700.499	LOC_Os07g05360.1
DG _{HP}	Os002419_01	S2	0.000	-0.674	P	170.632	P	223.383	P	356.318	LOC_Os08g05530.1
DG _{HP}	Os002482_01	S2	0.000	1.052	P	205.032	P	182.112	P	87.814	-
DG _{HP}	Os002486_01	S2	-0.847	10.000	P	351.995	P	195.627	A	78.881	LOC_Os02g12480.1
DG _{HP}	Os002658_01	S2	-0.911	0.000	P	485.897	P	258.337	P	166.519	LOC_Os02g03530.1
DG _{HP}	Os002678_01	S2	-1.316	0.000	P	9920.405	P	3984.540	P	4831.918	LOC_Os05g03920.1
DG _{HP}	Os002790_01	S2	0.000	0.868	P	179.048	P	235.112	P	128.796	LOC_Os01g63150.1
DG _{HP}	Os002830_01	S2	0.733	10.000	P	192.086	P	319.200	A	161.646	LOC_Os02g18540.1
DG _{HP}	Os003032_01	S2	-0.900	0.000	P	311.220	P	166.828	P	142.877	-
DG _{HP}	Os003185_01	S2	0.841	-0.768	P	109.873	P	196.816	P	335.239	LOC_Os03g08640.1
DG _{HP}	Os003390_01	S2	0.768	-0.687	P	412.598	P	702.629	P	1131.117	LOC_Os05g32390.1
DG _{HP}	Os003434_01	S2	-1.450	0.000	P	595.983	P	218.169	P	223.901	LOC_Os03g48170.1
DG _{HP}	Os003956_02	S2	-0.790	10.000	P	415.590	P	240.281	A	38.582	-
DG _{HP}	Os004125_01	S2	0.000	-0.684	P	745.165	P	703.953	P	1130.876	LOC_Os06g03050.1
DG _{HP}	Os004249_01	S2	0.000	1.641	P	462.328	P	400.687	P	128.456	LOC_Os11g47140.1

DG _{HP}	Os004343_01	S2	0.996	0.000	P	219.900	P	438.601	P	583.246	LOC_Os06g14030.1
DG _{HP}	Os004399_01	S2	0.000	2.316	P	1562.590	P	980.961	P	197.025	LOC_Os02g40180.1
DG _{HP}	Os004929_01	S2	-0.828	0.000	P	521.178	P	293.578	P	248.059	LOC_Os07g40150.1
DG _{HP}	Os005136_01	S2	0.000	-0.684	P	173.741	P	260.654	P	418.890	LOC_Os04g31120.6
DG _{HP}	Os005767_01	S2	0.000	-0.650	P	18623.435	P	24846.606	P	38981.765	LOC_Os02g47744.4
DG _{HP}	Os006051_01	S2	-0.854	0.000	P	242.051	P	133.892	P	150.950	LOC_Os07g04480.1
DG _{HP}	Os006506_01	S2	1.002	0.000	P	143.393	P	287.222	P	356.571	LOC_Os02g06290.1
DG _{HP}	Os006571_01	S2	0.000	-0.767	P	2824.017	P	1851.499	P	3151.483	LOC_Os05g01350.1
DG _{HP}	Os008101_01	S2	0.823	0.000	P	188.851	P	334.184	P	318.734	LOC_Os01g48380.1
DG _{HP}	Os008169_01	S2	-1.221	1.080	P	1563.154	P	670.691	P	317.158	LOC_Os02g40240.2
DG _{HP}	Os008199_01	S2	0.000	0.949	P	945.125	P	915.135	P	474.116	LOC_Os11g44990.1
DG _{HP}	Os008400_01	S2	-0.877	0.000	P	1263.825	P	688.378	P	473.356	LOC_Os02g57720.1
DG _{HP}	Os008441_01	S2	0.000	0.929	P	620.052	P	395.600	P	207.758	LOC_Os03g49190.1
DG _{HP}	Os008529_01	S2	1.468	0.000	P	229.908	P	635.877	P	828.697	LOC_Os07g02210.2
DG _{HP}	Os008556_01	S2	0.000	-0.644	P	3047.467	P	3908.624	P	6109.320	LOC_Os02g44630.2
DG _{HP}	Os008773_01	S2	0.773	0.000	P	472.699	P	807.797	P	938.789	LOC_Os02g07160.1
DG _{HP}	Os008778_01	S2	-0.797	0.000	P	3201.480	P	1842.754	P	1611.789	LOC_Os05g31000.1
DG _{HP}	Os008853_01	S2	0.000	-0.766	P	227.477	P	310.795	P	528.388	LOC_Os06g10620.1
DG _{HP}	Os008919_01	S2	-0.793	0.000	P	513.053	P	296.029	P	255.250	LOC_Os08g06360.1
DG _{HP}	Os008934_01	S2	0.000	-0.749	P	246.582	P	373.254	P	627.401	LOC_Os02g15640.1
DG _{HP}	Os008961_01	S2	0.746	0.000	P	277.846	P	465.851	P	601.809	-
DG _{HP}	Os008978_01	S2	0.866	10.000	P	94.819	P	172.818	A	160.103	LOC_Os02g57050.1
DG _{HP}	Os009024_01	S2	0.000	-0.754	P	552.643	P	785.035	P	1324.264	LOC_Os07g08710.2
DG _{HP}	Os009036_01	S2	-0.793	0.000	P	6631.681	P	3826.836	P	2803.127	LOC_Os12g30540.1
DG _{HP}	Os009088_01	S2	0.000	-0.955	P	1365.976	P	856.595	P	1660.485	LOC_Os05g12400.1
DG _{HP}	Os009117_01	S2	1.194	0.000	P	5888.157	P	13475.150	P	10637.784	LOC_Os12g02320.1
DG _{HP}	Os009172_01	S2	0.859	0.000	P	179.879	P	326.363	P	310.219	LOC_Os02g36940.1
DG _{HP}	Os009220_01	S2	1.034	0.000	P	161.893	P	331.437	P	351.755	LOC_Os03g50210.1
DG _{HP}	Os009234_01	S2	0.819	0.000	P	2640.032	P	4656.287	P	6056.968	LOC_Os08g06530.1
DG _{HP}	Os009260_01	S2	0.775	0.000	P	144.928	P	247.917	P	248.822	LOC_Os03g37130.1
DG _{HP}	Os009272_01	S2	0.000	-0.858	P	395.475	P	324.349	P	587.850	LOC_Os03g29970.1

DG _{HP}	Os009342_01	S2	1.237	1.371	P	218.365	P	514.791	P	199.008	LOC_Os08g09860.1
DG _{HP}	Os009360_01	S2	0.758	0.000	P	1323.600	P	2238.162	P	2293.045	LOC_Os05g23740.1
DG _{HP}	Os009448_01	S2	0.756	0.000	P	5892.618	P	9950.476	P	14471.962	LOC_Os08g02630.1
DG _{HP}	Os009500_01	S2	0.996	0.000	P	158.325	P	315.838	P	367.741	LOC_Os08g32850.2
DG _{HP}	Os009518_01	S2	0.803	0.000	P	5031.132	P	8775.875	P	11337.086	LOC_Os01g73250.1
DG _{HP}	Os009547_01	S2	1.025	0.000	P	180.377	P	367.108	P	407.847	LOC_Os01g13570.1
DG _{HP}	Os009592_01	S2	0.976	0.000	P	505.379	P	994.172	P	1375.536	LOC_Os05g40180.1
DG _{HP}	Os009657_01	S2	1.362	0.000	P	512.905	P	1318.564	P	1903.777	LOC_Os08g01140.1
DG _{HP}	Os009747_01	S2	-0.837	-0.911	P	1532.234	P	857.959	P	1613.230	LOC_Os05g45050.1
DG _{HP}	Os009972_01	S2	-0.814	0.000	P	593.288	P	337.430	P	354.588	-
DG _{HP}	Os009986_01	S2	0.000	-0.673	P	318.545	P	395.633	P	630.772	-
DG _{HP}	Os010073_01	S2	2.043	0.000	P	284.179	P	1170.810	P	1613.195	LOC_Os07g40986.1
DG _{HP}	Os010085_01	S2	0.905	0.000	P	131.173	P	245.609	P	219.961	LOC_Os01g15979.1
DG _{HP}	Os010136_01	S2	0.000	1.554	P	778.352	P	537.416	P	182.994	LOC_Os11g06730.1
DG _{HP}	Os010147_01	S2	0.000	1.348	P	4786.666	P	4871.167	P	1913.979	LOC_Os12g43670.1
DG _{HP}	Os010179_01	S2	0.000	-0.685	P	559.020	P	485.793	P	781.110	LOC_Os09g30410.1
DG _{HP}	Os010193_01	S2	-1.134	10.000	P	376.971	P	171.786	A	183.959	LOC_Os12g34010.1
DG _{HP}	Os010292_01	S2	0.000	-1.508	P	2170.424	P	1780.101	P	5064.050	LOC_Os07g04960.1
DG _{HP}	Os010318_01	S2	0.000	-0.825	P	842.995	P	801.643	P	1420.618	-
DG _{HP}	Os010394_01	S2	0.000	0.975	P	576.074	P	589.789	P	300.062	-
DG _{HP}	Os010429_01	S2	-0.812	0.000	P	1907.591	P	1086.224	P	899.962	LOC_Os06g06570.1
DG _{HP}	Os010652_01	S2	-1.182	0.000	P	1054.527	P	464.902	P	350.553	-
DG _{HP}	Os010714_01	S2	0.000	-0.641	P	678.308	P	473.066	P	737.541	LOC_Os12g13400.1
DG _{HP}	Os010733_01	S2	0.000	-0.738	P	176.158	P	247.110	P	412.185	-
DG _{HP}	Os010742_01	S2	0.000	-0.629	P	427.761	P	433.646	P	670.409	LOC_Os09g29210.2
DG _{HP}	Os010797_01	S2	0.000	0.919	P	222.822	P	230.147	P	121.718	LOC_Os04g42720.1
DG _{HP}	Os010825_01	S2	0.953	0.000	P	112.283	P	217.298	P	270.836	LOC_Os03g46640.2
DG _{HP}	Os010844_01	S2	0.747	0.000	P	1833.331	P	3077.737	P	3128.015	LOC_Os03g49310.1
DG _{HP}	Os010912_01	S2	0.000	1.045	P	520.237	P	369.368	P	179.058	LOC_Os06g23870.1
DG _{HP}	Os010953_01	S2	0.000	-0.907	P	221.235	P	146.472	P	274.622	LOC_Os09g15420.1
DG _{HP}	Os011001_01	S2	0.000	-0.640	P	336.191	P	258.058	P	402.262	LOC_Os05g46480.4

DG _{HP}	Os011043_01	S2	0.840	0.000	P	91.853	P	164.421	P	108.341	LOC_Os09g21770.1
DG _{HP}	Os011134_01	S2	0.000	-0.669	P	875.896	P	915.866	P	1456.181	LOC_Os01g37000.1
DG _{HP}	Os011230_01	S2	0.000	1.280	P	407.785	P	396.186	P	163.107	LOC_Os08g10570.2
DG _{HP}	Os011239_01	S2	-0.824	0.000	P	868.972	P	491.014	P	425.172	LOC_Os05g38720.1
DG _{HP}	Os011326_01	S2	0.851	0.000	P	362.351	P	653.757	P	641.173	LOC_Os07g37220.1
DG _{HP}	Os011344_01	S2	-1.205	0.951	P	1173.029	P	508.933	P	263.304	-
DG _{HP}	Os011412_01	S2	0.814	0.000	P	132.126	P	232.308	P	151.056	LOC_Os11g37050.1
DG _{HP}	Os011415_01	S2	-0.800	0.000	P	3969.325	P	2279.582	P	2934.019	LOC_Os12g10604.1
DG _{HP}	Os011457_01	S2	1.051	0.000	P	294.959	P	610.987	P	613.299	LOC_Os05g47880.1
DG _{HP}	Os011513_01	S2	0.818	0.000	P	87.849	P	154.898	P	142.315	LOC_Os09g32988.1
DG _{HP}	Os011561_01	S2	-1.602	0.000	P	1317.873	P	434.274	P	473.769	LOC_Os09g10340.1
DG _{HP}	Os011628_01	S2	0.000	0.889	P	343.244	P	318.479	P	171.923	LOC_Os02g45490.4
DG _{HP}	Os011816_01	S2	-1.235	0.000	P	1012.188	P	430.078	P	562.708	-
DG _{HP}	Os011893_01	S2	-1.078	0.000	P	390.670	P	185.030	P	180.446	LOC_Os03g08624.1
DG _{HP}	Os011899_01	S2	-0.875	0.000	P	319.323	P	174.129	P	209.528	LOC_Os04g06770.2
DG _{HP}	Os012005_01	S2	-0.803	1.414	P	1121.626	P	642.771	P	241.186	LOC_Os03g58640.1
DG _{HP}	Os012218_01	S2	0.000	-0.728	P	352.383	P	257.300	P	426.216	LOC_Os02g41550.3
DG _{HP}	Os012415_01	S2	0.744	0.000	P	507.730	P	850.209	P	1142.878	LOC_Os03g57310.1
DG _{HP}	Os012427_01	S2	0.000	0.836	P	354.066	P	394.551	P	220.969	LOC_Os05g25370.1
DG _{HP}	Os012534_01	S2	-0.862	0.000	P	290.998	P	160.072	P	161.775	LOC_Os03g18900.1
DG _{HP}	Os012584_01	S2	-1.313	0.000	P	759.338	P	305.618	P	447.861	LOC_Os02g51610.2
DG _{HP}	Os012754_01	S2	0.000	0.823	P	240.610	P	176.230	P	99.651	LOC_Os03g45400.1
DG _{HP}	Os012762_01	S2	0.753	0.000	P	118.107	P	199.107	P	228.675	LOC_Os09g39230.1
DG _{HP}	Os012771_01	S2	-1.747	-0.967	P	4711.251	P	1403.899	P	2743.734	LOC_Os05g46220.1
DG _{HP}	Os012800_01	S2	0.000	0.828	P	237.893	P	229.102	P	129.080	LOC_Os02g10190.1
DG _{HP}	Os013058_01	S2	-0.799	0.000	P	379.223	P	217.885	P	125.085	LOC_Os04g05010.1
DG _{HP}	Os013141_01	S2	0.862	0.000	P	146.927	P	267.062	P	291.692	LOC_Os06g26340.1
DG _{HP}	Os013149_01	S2	0.000	0.993	P	148.530	P	176.376	P	88.646	LOC_Os07g48300.1
DG _{HP}	Os013169_01	S2	-0.933	0.000	P	6253.796	P	3274.436	P	3416.094	LOC_Os04g36720.1
DG _{HP}	Os013183_01	S2	0.782	0.000	P	108.804	P	187.040	P	187.936	LOC_Os02g34470.3
DG _{HP}	Os013225_01	S2	-0.920	0.000	P	1303.491	P	689.037	P	631.158	LOC_Os06g12110.1

DG _{HP}	Os013285_01	S2	-1.045	0.000	P	546.769	P	264.909	P	185.422	LOC_Os04g46740.1
DG _{HP}	Os013356_01	S2	1.962	0.000	P	240.144	P	935.682	P	1157.535	LOC_Os07g40974.1
DG _{HP}	Os013394_01	S2	0.000	-0.766	P	436.572	P	385.952	P	656.310	LOC_Os01g13540.1
DG _{HP}	Os013447_01	S2	-0.929	0.000	P	321.951	P	169.130	P	122.831	LOC_Os02g34600.1
DG _{HP}	Os013502_01	S2	0.000	0.865	P	266.082	P	346.335	P	190.166	LOC_Os04g22900.3
DG _{HP}	Os013530_01	S2	0.000	0.835	P	447.555	P	420.287	P	235.549	LOC_Os08g30060.2
DG _{HP}	Os013541_01	S2	2.081	0.000	P	134.176	P	567.656	P	705.633	LOC_Os10g22510.1
DG _{HP}	Os013670_01	S2	-0.957	10.000	P	297.279	P	153.085	A	69.694	LOC_Os07g42770.1
DG _{HP}	Os013978_01	S2	0.774	0.000	P	140.435	P	240.076	P	240.521	LOC_Os12g13460.1
DG _{HP}	Os014092_01	S2	0.771	0.000	P	159.269	P	271.700	P	252.689	LOC_Os11g08300.1
DG _{HP}	Os014164_01	S2	1.635	0.000	P	148.740	P	462.044	P	468.524	LOC_Os04g57700.2
DG _{HP}	Os014195_01	S2	-0.881	0.000	P	354.018	P	192.287	P	137.672	-
DG _{HP}	Os014257_01	S2	0.847	0.000	P	105.586	P	189.930	P	153.031	LOC_Os09g19820.1
DG _{HP}	Os014284_01	S2	0.000	0.826	P	299.003	P	353.541	P	199.452	LOC_Os05g33820.1
DG _{HP}	Os014307_01	S2	0.000	0.933	P	809.647	P	499.643	P	261.652	LOC_Os07g32630.1
DG _{HP}	Os014335_01	S2	0.781	0.000	P	111.152	P	190.997	P	176.163	LOC_Os02g31150.1
DG _{HP}	Os014364_01	S2	1.023	1.503	P	636.832	P	1294.243	P	456.492	LOC_Os01g45914.1
DG _{HP}	Os014409_01	S2	0.000	-0.816	P	2305.349	P	2474.252	P	4355.149	LOC_Os08g35939.1
DG _{HP}	Os014456_01	S2	0.874	0.000	P	106.697	P	195.493	P	187.563	LOC_Os01g64650.3
DG _{HP}	Os014603_01	S2	-1.119	0.000	P	786.333	P	362.003	P	237.318	LOC_Os01g55870.1
DG _{HP}	Os014877_01	S2	0.000	-0.662	P	304.901	P	192.492	P	304.621	LOC_Os05g02750.1
DG _{HP}	Os015010_01	S2	-0.879	0.000	P	306.792	P	166.873	P	149.279	LOC_Os11g43950.1
DG _{HP}	Os015041_01	S2	-0.895	0.000	P	525.851	P	282.834	P	371.377	LOC_Os01g51360.1
DG _{HP}	Os015095_01	S2	1.508	0.000	P	182.352	P	518.699	P	450.245	LOC_Os01g73450.1
DG _{HP}	Os015144_01	S2	-2.107	0.000	P	12387.772	P	2874.631	P	2017.614	LOC_Os03g26650.2
DG _{HP}	Os015150_01	S2	0.000	0.857	P	3691.982	P	3341.447	P	1844.862	LOC_Os06g41010.4
DG _{HP}	Os015656_01	S2	1.063	0.000	P	304.908	P	636.986	P	915.257	LOC_Os07g41280.3
DG _{HP}	Os015718_01	S2	-1.135	0.000	P	399.363	P	181.877	P	143.953	LOC_Os11g05740.1
DG _{HP}	Os015750_01	S2	2.726	0.000	P	88.004	P	582.127	P	669.256	LOC_Os10g42870.1
DG _{HP}	Os015828_01	S2	0.723	0.000	P	219.842	P	362.786	P	386.601	LOC_Os10g21110.1
DG _{HP}	Os015914_01	S2	0.000	-0.746	P	402.027	P	283.467	P	475.373	-

DG _{HP}	Os016132_01	S2	1.268	-0.823	P	176.172	P	424.215	P	750.238	LOC_Os04g14190.1
DG _{HP}	Os016309_01	S2	0.869	0.000	P	710.810	P	1297.788	P	1626.077	LOC_Os10g28360.1
DG _{HP}	Os016311_01	S2	0.000	-0.661	P	322.849	P	304.225	P	480.880	LOC_Os03g48480.1
DG _{HP}	Os016336_01	S2	-1.216	0.000	P	289.355	P	124.566	P	129.195	LOC_Os06g05424.1
DG _{HP}	Os016394_01	S2	0.000	0.856	P	1133.543	P	919.106	P	507.789	LOC_Os04g42900.1
DG _{HP}	Os016404_01	S2	-1.147	0.000	P	478.856	P	216.222	P	213.916	LOC_Os01g15610.1
DG _{HP}	Os016453_01	S2	-1.101	0.000	P	340.185	P	158.644	P	138.843	LOC_Os06g36210.1
DG _{HP}	Os016457_01	S2	-1.176	0.000	P	646.029	P	285.977	P	424.054	-
DG _{HP}	Os016458_01	S2	-0.804	0.000	P	1129.025	P	646.585	P	912.068	LOC_Os01g22010.3
DG _{HP}	Os016689_01	S2	-0.928	10.000	P	311.379	P	163.638	A	92.485	LOC_Os08g01514.1
DG _{HP}	Os016716_01	S2	1.214	0.000	P	1752.902	P	4067.410	P	3360.205	LOC_Os02g10120.1
DG _{HP}	Os016831_01	S2	-0.829	0.000	P	252.768	P	142.322	P	175.879	LOC_Os03g04570.1
DG _{HP}	Os016841_01	S2	-0.985	0.000	P	946.330	P	478.009	P	283.504	LOC_Os07g33650.3
DG _{HP}	Os016919_01	S2	-1.021	0.000	P	1036.730	P	510.725	P	438.519	LOC_Os02g01590.1
DG _{HP}	Os016953_01	S2	0.000	0.838	P	710.021	P	554.596	P	310.244	LOC_Os05g35710.2
DG _{HP}	Os017246_01	S2	0.000	0.910	P	418.591	P	416.016	P	221.446	LOC_Os12g02980.1
DG _{HP}	Os017298_01	S2	0.000	0.857	P	439.135	P	359.386	P	198.370	-
DG _{HP}	Os017352_01	S2	-0.838	0.000	P	797.376	P	446.103	P	529.481	-
DG _{HP}	Os017372_01	S2	-1.067	1.335	P	1425.861	P	680.567	P	269.731	LOC_Os11g45720.1
DG _{HP}	Os017433_01	S2	-2.615	3.389	P	18899.282	P	3084.458	P	294.415	LOC_Os02g51570.1
DG _{HP}	Os017442_01	S2	0.000	-0.661	P	4519.751	P	3339.934	P	5279.499	LOC_Os02g20860.1
DG _{HP}	Os017490_01	S2	-0.913	0.000	P	379.589	P	201.607	P	183.002	LOC_Os05g48050.1
DG _{HP}	Os017555_01	S2	0.000	-0.814	P	288.791	P	313.272	P	550.652	LOC_Os03g53860.1
DG _{HP}	Os017568_01	S2	0.000	1.139	P	395.621	P	290.265	P	131.761	LOC_Os03g43590.1
DG _{HP}	Os017668_01	S2	0.000	0.976	P	265.711	P	236.095	P	120.005	LOC_Os05g47442.1
DG _{HP}	Os017704_01	S2	-1.506	0.943	P	659.308	P	232.111	P	120.732	LOC_Os02g07200.3
DG _{HP}	Os017780_01	S2	0.000	1.019	P	435.289	P	430.373	P	212.422	LOC_Os05g51180.1
DG _{HP}	Os017796_01	S2	0.742	0.000	P	795.824	P	1330.926	P	883.334	LOC_Os03g29540.2
DG _{HP}	Os017896_01	S2	0.000	0.868	P	852.026	P	669.137	P	366.610	LOC_Os01g52470.1
DG _{HP}	Os018131_01	S2	0.000	0.845	P	297.812	P	255.163	P	142.033	LOC_Os12g42140.1
DG _{HP}	Os018221_01	S2	0.000	-1.649	P	930.686	P	814.782	P	2554.555	-

DG _{HP}	Os018264_01	S2	-2.399	0.000	P	2501.313	P	474.389	P	378.456	LOC_Os08g41320.1
DG _{HP}	Os018414_01	S2	0.000	1.272	P	3151.130	P	2484.985	P	1029.023	LOC_Os07g28910.1
DG _{HP}	Os018473_01	S2	0.000	0.924	P	182.749	P	198.911	P	104.818	LOC_Os01g25820.1
DG _{HP}	Os018564_01	S2	0.737	0.000	P	96.725	P	161.175	P	150.381	LOC_Os12g12990.1
DG _{HP}	Os018691_01	S2	0.000	-0.627	P	228.641	P	210.238	P	324.594	LOC_Os03g08430.1
DG _{HP}	Os018744_01	S2	-0.981	0.000	P	720.796	P	365.089	P	490.039	LOC_Os08g39630.1
DG _{HP}	Os018786_01	S2	-0.855	0.000	P	2689.121	P	1486.975	P	1298.931	LOC_Os03g16670.1
DG _{HP}	Os018915_01	S2	-0.821	0.000	P	2511.127	P	1421.468	P	1637.018	LOC_Os04g43760.1
DG _{HP}	Os019000_01	S2	0.000	0.987	P	301.864	P	225.901	P	113.976	LOC_Os08g02250.1
DG _{HP}	Os019004_01	S2	0.000	0.877	P	326.933	P	255.803	P	139.281	LOC_Os10g37340.1
DG _{HP}	Os019019_01	S2	0.000	-0.819	P	17841.449	P	17551.304	P	30956.881	LOC_Os06g07830.1
DG _{HP}	Os019163_01	S2	-0.811	0.000	P	1920.132	P	1094.379	P	680.024	LOC_Os01g08560.2
DG _{HP}	Os019169_01	S2	0.000	0.912	P	1511.350	P	1065.184	P	566.020	LOC_Os10g02630.1
DG _{HP}	Os019393_01	S2	0.000	-0.646	P	188.750	P	161.715	P	253.058	LOC_Os09g08990.1
DG _{HP}	Os019634_01	S2	0.000	0.970	P	961.638	P	902.915	P	461.058	LOC_Os06g02380.2
DG _{HP}	Os019649_01	S2	0.766	0.000	P	131.460	P	223.521	P	208.432	LOC_Os05g26820.1
DG _{HP}	Os019869_01	S2	0.000	0.913	P	3050.250	P	2076.842	P	1103.340	LOC_Os01g61460.1
DG _{HP}	Os019947_01	S2	-0.990	1.076	P	382.073	P	192.382	P	91.256	LOC_Os11g12050.2
DG _{HP}	Os020130_01	S2	0.000	0.852	P	171.685	P	263.169	P	145.755	LOC_Os05g31670.1
DG _{HP}	Os020208_01	S2	0.000	0.961	P	244.063	P	176.379	P	90.619	LOC_Os05g11730.1
DG _{HP}	Os020291_01	S2	-1.093	0.000	P	1715.420	P	804.275	P	702.917	LOC_Os09g24640.1
DG _{HP}	Os020350_01	S2	0.786	10.000	P	90.606	P	156.256	A	96.917	LOC_Os10g27230.3
DG _{HP}	Os020363_01	S2	-1.181	0.840	P	568.489	P	250.688	P	140.027	LOC_Os02g21260.1
DG _{HP}	Os020435_01	S2	0.910	0.000	P	93.076	P	174.890	P	174.086	LOC_Os01g54560.1
DG _{HP}	Os020697_01	S2	0.000	0.828	P	392.638	P	451.119	P	254.171	LOC_Os08g13690.1
DG _{HP}	Os020706_01	S2	0.000	1.028	P	357.544	P	226.507	P	111.097	LOC_Os02g18660.1
DG _{HP}	Os020710_01	S2	0.000	0.839	P	163.745	P	201.392	P	112.548	LOC_Os10g36950.1
DG _{HP}	Os020739_01	S2	0.837	0.000	P	109.419	P	195.421	P	132.385	LOC_Os09g03090.1
DG _{HP}	Os020759_01	S2	0.000	0.827	P	153.318	P	174.481	P	98.331	LOC_Os02g30180.1
DG _{HP}	Os020946_01	S2	0.000	1.201	P	386.400	P	258.414	P	112.409	LOC_Os11g09180.2
DG _{HP}	Os021187_01	S2	0.000	-0.920	P	976.065	P	1491.443	P	2822.543	LOC_Os03g49260.1

DG _{HP}	Os021454_01	S2	0.000	0.834	P	1074.371	P	942.351	P	528.685	LOC_Os03g37970.1
DG _{HP}	Os021532_01	S2	0.000	0.924	P	312.489	P	270.396	P	142.478	LOC_Os11g34230.1
DG _{HP}	Os021588_01	S2	0.000	-0.635	P	6015.465	P	6461.959	P	10037.380	-
DG _{HP}	Os021635_01	S2	-0.804	0.000	P	444.202	P	254.389	P	383.511	LOC_Os02g09510.1
DG _{HP}	Os021803_01	S2	0.754	0.000	P	109.915	P	185.370	P	138.658	LOC_Os03g10469.1
DG _{HP}	Os021807_01	S2	0.000	0.868	P	1240.564	P	1111.006	P	608.745	-
DG _{HP}	Os021870_01	S2	1.578	0.000	P	279.100	P	833.458	P	979.585	LOC_Os07g41060.1
DG _{HP}	Os021893_01	S2	-0.890	0.000	P	399.758	P	215.746	P	314.282	LOC_Os09g35030.1
DG _{HP}	Os021895_01	S2	-1.739	-1.610	P	1324.997	P	396.955	P	1211.472	LOC_Os08g28180.2
DG _{HP}	Os022130_01	S2	0.000	-0.963	P	647.637	P	500.649	P	975.740	LOC_Os05g12640.3
DG _{HP}	Os022144_01	S2	10.000	-0.623	A	72.621	P	241.352	P	371.671	LOC_Os01g35789.1
DG _{HP}	Os022407_01	S2	0.000	-0.679	P	146.769	P	158.239	P	253.286	LOC_Os01g12440.1
DG _{HP}	Os022446_01	S2	-0.804	10.000	P	209.917	P	120.258	A	92.683	-
DG _{HP}	Os022480_01	S2	0.000	-0.712	P	204.623	P	200.692	P	328.717	LOC_Os01g18220.1
DG _{HP}	Os022563_01	S2	0.986	0.913	P	470.499	P	931.839	P	494.769	LOC_Os06g04290.1
DG _{HP}	Os022572_01	S2	-1.366	0.000	P	16526.923	P	6412.331	P	7595.876	LOC_Os12g36980.1
DG _{HP}	Os023065_01	S2	0.000	-0.629	P	1562.875	P	1448.392	P	2240.238	LOC_Os01g20120.1
DG _{HP}	Os023487_01	S2	0.000	1.183	P	304.374	P	288.438	P	127.008	LOC_Os03g25490.1
DG _{HP}	Os023496_01	S2	0.000	-0.685	P	229.760	P	229.645	P	369.303	LOC_Os01g70000.1
DG _{HP}	Os023589_01	S2	1.027	0.000	P	115.375	P	235.094	P	222.955	LOC_Os05g05650.1
DG _{HP}	Os023590_01	S2	0.917	10.000	P	107.842	P	203.691	A	194.131	-
DG _{HP}	Os023616_01	S2	0.000	1.105	P	404.420	P	296.069	P	137.681	LOC_Os06g46740.1
DG _{HP}	Os023652_01	S2	0.000	0.871	P	422.626	P	245.649	P	134.311	LOC_Os04g52750.1
DG _{HP}	Os023778_01	S2	-0.889	0.000	P	807.830	P	436.188	P	389.008	LOC_Os01g63010.1
DG _{HP}	Os023830_01	S2	0.000	0.827	P	1067.107	P	778.852	P	438.974	LOC_Os02g40800.1
DG _{HP}	Os023842_01	S2	-0.932	0.000	P	257.490	P	134.998	P	129.897	LOC_Os04g53300.1
DG _{HP}	Os023918_01	S2	-0.864	0.000	P	652.126	P	358.304	P	216.143	LOC_Os05g12670.1
DG _{HP}	Os023933_01	S2	-1.306	-0.811	P	2242.034	P	906.655	P	1590.404	LOC_Os04g33670.1
DG _{HP}	Os023998_01	S2	0.000	-0.654	P	389.437	P	345.370	P	543.534	LOC_Os08g42570.1
DG _{HP}	Os024007_01	S2	0.000	-0.624	P	464.860	P	359.060	P	553.245	LOC_Os01g29330.1
DG _{HP}	Os024029_01	S2	-0.880	0.000	P	438.965	P	238.552	P	195.012	LOC_Os04g46440.1

DG _{HP}	Os024059_01	S2	-1.122	0.000	P	704.011	P	323.553	P	383.863	-
DG _{HP}	Os024063_01	S2	0.876	0.000	P	225.100	P	412.984	P	396.175	LOC_Os12g38230.1
DG _{HP}	Os024093_01	S2	0.000	-0.645	P	21136.048	P	23751.176	P	37140.578	LOC_Os03g22820.1
DG _{HP}	Os024178_01	S2	0.000	0.826	P	294.290	P	244.247	P	137.788	LOC_Os12g44320.1
DG _{HP}	Os024207_01	S2	0.000	-0.732	P	393.003	P	342.538	P	568.796	-
DG _{HP}	Os024274_01	S2	2.069	-0.674	P	309.280	P	1298.038	P	2070.646	LOC_Os08g07100.1
DG _{HP}	Os024276_01	S2	1.817	0.000	P	1572.331	P	5541.021	P	3478.361	-
DG _{HP}	Os024326_01	S2	-1.324	10.000	P	350.267	P	139.868	A	105.234	LOC_Os07g01410.1
DG _{HP}	Os024393_01	S2	0.000	1.164	P	812.917	P	566.814	P	252.925	LOC_Os01g14960.1
DG _{HP}	Os024625_01	S2	0.000	0.830	P	167.678	P	167.741	P	94.374	LOC_Os08g25080.1
DG _{HP}	Os024723_01	S2	0.000	0.859	P	1498.227	P	923.793	P	509.186	LOC_Os11g05490.1
DG _{HP}	Os024764_01	S2	0.907	0.000	P	558.547	P	1047.367	P	1077.271	LOC_Os07g46950.4
DG _{HP}	Os024982_01	S2	0.000	0.972	P	2184.603	P	1292.585	P	658.935	LOC_Os08g05480.1
DG _{HP}	Os025100_01	S2	0.000	-1.033	P	1138.088	P	1093.364	P	2237.671	LOC_Os07g09480.1
DG _{HP}	Os025108_01	S2	0.000	0.943	P	161.819	P	199.363	P	103.722	LOC_Os11g24790.1
DG _{HP}	Os025872_01	S2	-0.941	0.000	P	1549.205	P	806.984	P	960.440	LOC_Os11g01450.1
DG _{HP}	Os025875_01	S2	0.762	10.000	P	100.360	P	170.241	A	69.508	LOC_Os03g10070.1
DG _{HP}	Os025882_01	S2	-0.949	0.000	P	606.083	P	313.837	P	304.425	LOC_Os01g20830.1
DG _{HP}	Os025974_01	S2	-1.378	0.000	P	1127.359	P	433.648	P	449.556	LOC_Os03g53060.1
DG _{HP}	Os026160_01	S2	-0.966	0.000	P	579.118	P	296.430	P	241.256	LOC_Os01g14650.1
DG _{HP}	Os026161_01	S2	0.000	-0.672	P	367.508	P	308.293	P	491.277	LOC_Os02g42470.1
DG _{HP}	Os026172_01	S2	0.000	-0.843	P	614.065	P	732.591	P	1314.373	LOC_Os03g19170.1
DG _{HP}	Os026390_01	S2	0.902	0.000	P	309.343	P	578.039	P	676.560	LOC_Os05g25040.2
DG _{HP}	Os026739_01	S2	0.000	-1.086	P	828.536	P	709.001	P	1505.034	LOC_Os08g05910.1
DG _{HP}	Os027615_01	S2	0.000	-0.638	P	31719.430	P	33014.279	P	51385.572	LOC_Os09g17740.1
DG _{HP}	Os027760_01	S2	0.000	-0.828	P	332.083	P	331.628	P	588.735	LOC_Os12g39880.1
DG _{HP}	Os027934_01	S2	0.864	-0.675	P	131.838	P	239.972	P	383.099	LOC_Os06g06270.1
DG _{HP}	Os027938_01	S2	0.000	1.066	P	283.566	P	329.382	P	157.364	-
DG _{HP}	Os028157_01	S2	-0.992	0.980	P	1172.796	P	589.610	P	299.020	LOC_Os10g32110.1
DG _{HP}	Os028334_01	S2	0.934	0.000	P	682.865	P	1304.880	P	950.236	LOC_Os02g53290.1
DG _{HP}	Os028486_01	S2	0.000	-0.671	P	386.163	P	333.755	P	531.410	LOC_Os07g40340.1

DG _{HP}	Os028565_01	S2	0.000	0.973	P	376.192	P	543.647	P	276.887	LOC_Os11g05210.1
DG _{HP}	Os028605_01	S2	-0.797	0.000	P	1261.185	P	725.644	P	903.142	LOC_Os02g06380.1
DG _{HP}	Os028680_01	S2	2.504	-0.689	P	179.856	P	1020.396	P	1645.210	LOC_Os07g06100.1
DG _{HP}	Os028705_01	S2	0.943	0.000	P	237.199	P	455.974	P	502.982	LOC_Os05g09400.1
DG _{HP}	Os028781_01	S2	0.000	-1.011	P	289.740	P	181.360	P	365.484	LOC_Os11g12810.1
DG _{HP}	Os028782_01	S2	0.000	-0.908	P	312.915	P	361.409	P	678.065	LOC_Os11g12810.1
DG _{HP}	Os028807_01	S2	0.000	1.453	P	774.496	P	494.815	P	180.762	-
DG _{HP}	Os028942_01	S2	-1.279	0.000	P	1254.519	P	517.032	P	658.077	LOC_Os05g26860.1
DG _{HP}	Os029109_01	S2	0.000	1.298	P	469.463	P	356.053	P	144.844	LOC_Os12g01720.1
DG _{HP}	Os029140_01	S2	0.000	-1.084	P	783.868	P	862.923	P	1829.168	LOC_Os08g01520.1
DG _{HP}	Os029143_01	S2	0.000	-0.708	P	6657.768	P	4724.925	P	7719.640	LOC_Os06g43000.1
DG _{HP}	Os029535_01	S2	-1.074	0.000	P	8021.476	P	3809.392	P	4874.493	LOC_Os06g19770.1
DG _{HP}	Os029823_01	S2	0.000	0.874	P	813.852	P	568.425	P	310.121	-
DG _{HP}	Os029975_01	S2	1.024	0.000	P	115.603	P	235.129	P	244.721	-
DG _{HP}	Os029980_01	S2	1.570	0.000	P	114.013	P	338.419	P	487.713	LOC_Os02g42450.1
DG _{HP}	Os030024_01	S2	0.000	-0.912	P	522.622	P	626.676	P	1178.888	LOC_Os05g49310.1
DG _{HP}	Os030028_01	S2	1.184	0.000	P	152.021	P	345.380	P	267.708	LOC_Os01g02710.1
DG _{HP}	Os030162_01	S2	0.000	0.941	P	1145.618	P	770.736	P	401.354	LOC_Os04g51760.1
DG _{HP}	Os030167_01	S2	0.745	0.000	P	614.795	P	1030.316	P	896.707	LOC_Os01g18584.1
DG _{HP}	Os030344_01	S2	0.000	0.843	P	858.248	P	635.734	P	354.488	LOC_Os12g43820.1
DG _{HP}	Os030442_01	S2	1.241	0.000	P	2015.025	P	4762.942	P	5046.563	LOC_Os06g10290.1
DG _{HP}	Os030539_01	S2	0.762	0.000	P	341.252	P	578.640	P	602.640	LOC_Os09g32976.1
DG _{HP}	Os030543_01	S2	0.000	-0.681	P	4136.239	P	5197.734	P	8330.665	LOC_Os09g16240.1
DG _{HP}	Os030589_01	S2	-0.866	0.000	P	296.826	P	162.844	P	101.479	LOC_Os10g08990.1
DG _{HP}	Os030672_01	S2	0.000	0.901	P	350.264	P	248.063	P	132.804	LOC_Os08g40120.1
DG _{HP}	Os030681_01	S2	0.000	-0.656	P	238.417	P	320.336	P	504.701	LOC_Os07g34390.1
DG _{HP}	Os030834_01	S2	-0.986	0.000	P	733.803	P	370.465	P	514.427	LOC_Os02g45930.1
DG _{HP}	Os030865_01	S2	-0.857	0.000	P	2463.488	P	1360.014	P	1806.102	LOC_Os01g16400.1
DG _{HP}	Os030882_01	S2	0.763	-0.681	P	243.516	P	413.203	P	662.403	LOC_Os02g57810.1
DG _{HP}	Os030972_01	S2	0.000	-0.797	P	388.610	P	467.561	P	812.642	LOC_Os05g33870.1
DG _{HP}	Os031132_01	S2	0.000	-0.743	P	243.308	P	280.082	P	468.780	LOC_Os11g36760.1

DG _{HP}	Os031227_01	S2	-0.799	0.000	P	860.373	P	494.507	P	500.991	LOC_Os12g41300.1
DG _{HP}	Os031550_01	S2	0.000	1.067	P	718.266	P	919.495	P	438.831	LOC_Os04g10924.1
DG _{HP}	Os031701_01	S2	0.852	0.000	P	184.833	P	333.513	P	299.640	LOC_Os01g24690.1
DG _{HP}	Os031721_01	S2	0.000	0.823	P	368.330	P	213.677	P	120.792	-
DG _{HP}	Os031781_01	S2	-0.861	0.000	P	3050.100	P	1679.175	P	1279.303	LOC_Os06g30530.1
DG _{HP}	Os031851_01	S2	0.000	-1.022	P	223.705	P	203.514	P	413.410	LOC_Os01g47370.1
DG _{HP}	Os032055_01	S2	0.000	-0.993	P	1187.343	P	1220.573	P	2429.585	LOC_Os06g15750.1
DG _{HP}	Os032194_01	S2	-0.917	0.000	P	5833.508	P	3088.773	P	4065.551	LOC_Os08g43530.1
DG _{HP}	Os032267_01	S2	0.000	2.443	P	1518.319	P	963.203	P	177.171	LOC_Os06g08690.1
DG _{HP}	Os032650_01	S2	1.448	-0.745	P	137.566	P	375.352	P	628.953	-
DG _{HP}	Os032670_01	S2	-0.849	0.000	P	660.721	P	366.706	P	296.560	LOC_Os12g30570.1
DG _{HP}	Os033227_01	S2	-0.922	-0.623	P	276.586	P	145.959	P	224.793	LOC_Os05g49450.1
DG _{HP}	Os033510_01	S2	0.000	0.899	P	447.112	P	391.237	P	209.755	LOC_Os06g06360.1
DG _{HP}	Os033744_01	S2	0.000	0.988	P	306.712	P	280.944	P	141.611	LOC_Os03g05450.1
DG _{HP}	Os033886_01	S2	0.832	0.000	P	624.976	P	1112.587	P	1009.796	LOC_Os08g33300.1
DG _{HP}	Os033905_01	S2	-1.003	0.000	P	818.982	P	408.757	P	418.165	LOC_Os07g09090.1
DG _{HP}	Os034112_01	S2	-0.881	10.000	P	452.261	P	245.654	A	106.131	LOC_Os02g40130.1
DG _{HP}	Os034167_01	S2	0.762	0.000	P	96.607	P	163.871	P	155.447	-
DG _{HP}	Os034533_01	S2	0.000	0.853	P	580.682	P	571.801	P	316.582	LOC_Os05g12270.1
DG _{HP}	Os034560_01	S2	-1.138	0.000	P	357.784	P	162.550	P	183.983	-
DG _{HP}	Os034598_01	S2	-0.801	0.000	P	4806.570	P	2758.160	P	2679.093	LOC_Os05g23050.1
DG _{HP}	Os034700_01	S2	0.000	-0.628	P	222.536	P	151.178	P	233.582	LOC_Os06g39040.1
DG _{HP}	Os034759_01	S2	0.000	0.856	P	3425.374	P	2279.533	P	1259.617	LOC_Os04g13090.1
DG _{HP}	Os035057_01	S2	0.000	0.852	P	322.493	P	267.668	P	148.248	LOC_Os10g31200.1
DG _{HP}	Os035088_01	S2	1.304	0.000	P	934.635	P	2307.388	P	2484.580	LOC_Os05g04990.1
DG _{HP}	Os035261_01	S2	0.898	-0.711	P	738.266	P	1375.278	P	2250.561	LOC_Os06g14324.1
DG _{HP}	Os035342_01	S2	0.000	0.995	P	466.418	P	347.369	P	174.302	LOC_Os12g21870.1
DG _{HP}	Os035502_01	S2	0.825	0.000	P	122.702	P	217.330	P	209.270	LOC_Os02g42400.1
DG _{HP}	Os035651_01	S2	-0.921	-0.683	P	381.359	P	201.385	P	323.405	LOC_Os05g04760.1
DG _{HP}	Os035864_01	S2	0.000	-0.841	P	991.099	P	1558.614	P	2791.736	LOC_Os11g35120.1
DG _{HP}	Os035877_01	S2	0.000	0.919	P	508.707	P	355.075	P	187.753	-

DG _{HP}	Os036025_01	S2	-1.070	0.000	P	1196.892	P	570.055	P	539.796	LOC_Os09g36180.1
DG _{HP}	Os036066_01	S2	0.000	0.828	P	285.964	P	261.446	P	147.282	LOC_Os02g09190.1
DG _{HP}	Os036348_01	S2	-1.404	0.000	P	6043.869	P	2283.900	P	3223.867	LOC_Os12g14450.1
DG _{HP}	Os036380_01	S2	0.000	-0.691	P	190.600	P	228.498	P	368.946	LOC_Os09g30120.1
DG _{HP}	Os036477_01	S2	-1.536	10.000	P	570.835	P	196.830	A	76.604	LOC_Os05g35450.1
DG _{HP}	Os036652_01	S2	0.925	0.000	P	99.828	P	189.506	P	144.610	LOC_Os09g06530.1
DG _{HP}	Os036733_01	S2	0.745	0.000	P	201.956	P	338.501	P	374.698	LOC_Os08g01660.2
DG _{HP}	Os036767_01	S2	-0.849	0.000	P	417.553	P	231.838	P	306.868	LOC_Os07g09660.1
DG _{HP}	Os036864_01	S2	0.000	-0.817	P	1046.408	P	742.605	P	1308.673	LOC_Os01g23750.1
DG _{HP}	Os036907_01	S2	-1.036	0.921	P	2409.611	P	1174.857	P	620.496	LOC_Os05g48780.1
DG _{HP}	Os037041_01	S2	0.000	1.651	P	678.605	P	489.095	P	155.784	-
DG _{HP}	Os037049_01	S2	-0.878	-0.709	P	1016.752	P	553.388	P	904.318	LOC_Os08g17980.1
DG _{HP}	Os037202_01	S2	-0.899	0.000	P	1119.193	P	600.322	P	628.191	LOC_Os10g38495.1
DG _{HP}	Os037509_01	S2	0.785	10.000	P	155.876	P	268.679	A	104.006	LOC_Os05g22600.1
DG _{HP}	Os037607_01	S2	-0.877	0.000	P	552.665	P	300.822	P	338.883	LOC_Os01g02680.1
DG _{HP}	Os037690_01	S2	0.775	10.000	P	98.024	P	167.759	A	78.760	LOC_Os01g19350.1
DG _{HP}	Os037792_01	S2	-0.928	10.000	P	315.275	P	165.692	A	58.692	LOC_Os07g35860.1
DG _{HP}	Os037993_01	S2	0.000	0.906	P	349.021	P	327.921	P	175.011	LOC_Os05g28640.1
DG _{HP}	Os038123_01	S2	-1.281	10.000	P	515.129	P	211.925	A	9.141	LOC_Os09g09630.1
DG _{HP}	Os038136_01	S2	0.841	0.000	P	274.441	P	491.545	P	445.410	LOC_Os08g14990.1
DG _{HP}	Os038164_01	S2	0.739	0.000	P	145.216	P	242.341	P	344.346	LOC_Os03g11670.1
DG _{HP}	Os038579_01	S2	-1.045	0.000	P	436.708	P	211.632	P	282.973	LOC_Os12g40170.1
DG _{HP}	Os038695_01	S2	0.797	0.000	P	493.234	P	857.232	P	687.939	-
DG _{HP}	Os038937_01	S2	1.009	0.000	P	246.553	P	496.337	P	590.718	LOC_Os06g41680.1
DG _{HP}	Os039430_01	S2	1.888	0.000	P	338.052	P	1251.617	P	1708.953	LOC_Os08g07080.1
DG _{HP}	Os039580_01	S2	0.000	2.316	P	1303.830	P	764.514	P	153.482	LOC_Os02g40180.1
DG _{HP}	Os039593_01	S2	-0.837	0.000	P	1998.154	P	1118.561	P	866.439	-
DG _{HP}	Os039771_01	S2	0.000	1.496	P	645.807	P	430.401	P	152.601	LOC_Os01g24970.1
DG _{HP}	Os039994_01	S2	0.000	-1.133	P	1026.218	P	1170.785	P	2567.878	LOC_Os07g04790.1
DG _{HP}	Os040062_01	S2	0.000	0.905	P	351.172	P	264.123	P	141.023	-
DG _{HP}	Os040088_01	S2	0.000	-0.759	P	217.941	P	189.752	P	321.178	-

DG _{HP}	Os040110_01	S2	-1.021	0.000	P	551.880	P	271.980	P	248.625	LOC_Os04g27840.1
DG _{HP}	Os040132_01	S2	0.000	-0.666	P	797.227	P	632.073	P	1002.622	LOC_Os08g37030.1
DG _{HP}	Os040171_01	S2	0.802	0.000	P	148.845	P	259.570	P	259.007	-
DG _{HP}	Os040246_01	S2	-0.871	0.000	P	1657.855	P	906.765	P	652.181	LOC_Os08g44670.1
DG _{HP}	Os040304_01	S2	-0.945	1.765	P	775.487	P	402.743	P	118.465	LOC_Os04g06879.1
DG _{HP}	Os040714_01	S2	-0.815	10.000	P	561.669	P	319.271	A	102.909	LOC_Os06g33660.1
DG _{HP}	Os040841_01	S2	0.000	2.006	P	2128.903	P	1262.819	P	314.350	LOC_Os05g38390.1
DG _{HP}	Os041088_01	S2	0.872	0.000	P	185.406	P	339.293	P	483.452	LOC_Os05g17110.1
DG _{HP}	Os041269_01	S2	0.970	0.000	P	130.795	P	256.200	P	312.917	LOC_Os10g01500.1
DG _{HP}	Os041351_01	S2	-0.872	0.000	P	742.121	P	405.618	P	325.169	LOC_Os12g16650.1
DG _{HP}	Os041364_01	S2	-0.861	0.000	P	549.751	P	302.748	P	386.514	-
DG _{HP}	Os041408_01	S2	0.000	0.992	P	210.406	P	201.597	P	101.327	LOC_Os01g41160.1
DG _{HP}	Os041424_01	S2	-0.809	10.000	P	261.610	P	149.290	A	18.419	LOC_Os08g26820.1
DG _{HP}	Os041794_01	S2	-0.967	0.000	P	348.401	P	178.230	P	118.801	-
DG _{HP}	Os042013_01	S2	0.889	-1.073	P	5017.977	P	9292.308	P	19546.938	LOC_Os08g19330.1
DG _{HP}	Os042015_01	S2	-0.844	0.000	P	1268.138	P	706.296	P	924.909	-
DG _{HP}	Os042188_01	S2	0.000	1.046	P	373.566	P	309.913	P	150.128	LOC_Os03g18620.1
DG _{HP}	Os042347_01	S2	-0.836	0.000	P	628.167	P	351.815	P	316.503	-
DG _{HP}	Os042441_01	S2	-0.789	0.000	P	898.765	P	520.197	P	484.209	LOC_Os06g13800.1
DG _{HP}	Os042950_01	S2	0.989	0.873	P	116.107	P	230.511	P	125.895	-
DG _{HP}	Os042951_01	S2	0.809	0.000	P	376.921	P	660.391	P	433.044	-
DG _{HP}	Os042994_01	S2	0.886	0.000	P	172.537	P	318.940	P	387.412	LOC_Os05g31090.1
DG _{HP}	Os043043_01	S2	0.816	0.000	P	322.436	P	567.758	P	593.121	LOC_Os07g08520.1
DG _{HP}	Os043530_01	S2	-1.180	0.000	P	5869.931	P	2591.322	P	1920.801	LOC_Os06g06340.1
DG _{HP}	Os043595_01	S2	0.000	1.080	P	226.936	P	264.578	P	125.187	LOC_Os02g27330.1
DG _{HP}	Os043715_01	S2	0.789	0.000	P	122.112	P	210.951	P	275.245	LOC_Os10g39070.1
DG _{HP}	Os043716_01	S2	0.735	0.000	P	256.806	P	427.491	P	540.181	LOC_Os06g36530.1
DG _{HP}	Os043773_01	S2	-0.990	0.000	P	1681.989	P	847.011	P	711.481	LOC_Os08g09410.1
DG _{HP}	Os043814_01	S2	-0.829	0.000	P	966.644	P	544.028	P	610.219	LOC_Os02g32180.1
DG _{HP}	Os043831_01	S2	0.728	0.000	P	133.125	P	220.430	P	308.035	-
DG _{HP}	Os043838_01	S2	-0.877	0.000	P	327.560	P	178.335	P	131.735	LOC_Os05g14480.1

DG _{HP}	Os044218_01	S2	0.000	-1.086	P	271.490	P	377.437	P	801.337	LOC_Os01g24050.1
DG _{HP}	Os044259_01	S2	0.000	-0.769	P	1429.533	P	1305.519	P	2224.545	LOC_Os05g36370.1
DG _{HP}	Os044283_01	S2	1.018	0.000	P	501.701	P	1016.255	P	1248.025	-
DG _{HP}	Os044300_01	S2	0.000	1.009	P	10131.427	P	6656.818	P	3307.853	LOC_Os05g11320.1
DG _{HP}	Os044395_01	S2	-0.936	1.157	P	3154.148	P	1648.931	P	739.374	LOC_Os01g32630.1
DG _{HP}	Os044491_01	S2	0.000	0.827	P	254.514	P	223.080	P	125.748	LOC_Os12g10350.1
DG _{HP}	Os044515_01	S2	0.000	-0.845	P	233.360	P	304.548	P	546.946	LOC_Os06g19130.1
DG _{HP}	Os044617_01	S2	0.934	-1.124	P	866.934	P	1656.689	P	3609.704	-
DG _{HP}	Os044729_01	S2	0.000	1.236	P	615.344	P	405.013	P	171.997	LOC_Os05g30200.1
DG _{HP}	Os044883_01	S2	0.000	0.830	P	354.854	P	279.012	P	156.919	-
DG _{HP}	Os045006_01	S2	0.000	-0.622	P	171.558	P	210.757	P	324.263	LOC_Os08g41520.1
DG _{HP}	Os045013_01	S2	0.000	0.919	P	1835.896	P	1459.885	P	772.293	LOC_Os08g31720.1
DG _{HP}	Os045192_01	S2	-1.120	0.000	P	459.613	P	211.476	P	216.337	LOC_Os06g23380.1
DG _{HP}	Os045210_01	S2	0.000	0.989	P	268.561	P	235.933	P	118.868	-
DG _{HP}	Os045347_01	S2	1.849	0.000	P	417.781	P	1505.154	P	1720.585	LOC_Os06g18120.1
DG _{HP}	Os045565_01	S2	4.005	0.000	P	302.214	P	4851.626	P	6260.743	LOC_Os10g09630.1
DG _{HP}	Os045632_01	S2	0.000	1.018	P	3376.181	P	2285.187	P	1128.400	LOC_Os07g18070.1
DG _{HP}	Os045664_01	S2	-0.788	0.000	P	614.552	P	355.909	P	272.802	LOC_Os02g25890.1
DG _{HP}	Os046234_01	S2	0.000	-0.798	P	14946.256	P	16210.029	P	28192.768	LOC_Os01g74570.1
DG _{HP}	Os046281_01	S2	-0.964	0.000	P	482.829	P	247.485	P	269.392	LOC_Os10g38640.1
DG _{HP}	Os046309_01	S2	-0.862	0.000	P	589.637	P	324.436	P	288.636	LOC_Os08g06070.1
DG _{HP}	Os047011_01	S2	0.935	0.870	P	443.845	P	848.315	P	464.307	LOC_Os01g37000.1
DG _{HP}	Os047396_01	S2	0.752	0.000	P	176.987	P	298.065	P	414.653	LOC_Os05g02350.1
DG _{HP}	Os047423_01	S2	0.000	0.846	P	360.983	P	366.592	P	203.974	LOC_Os11g46880.1
DG _{HP}	Os047560_01	S2	0.000	1.348	P	881.225	P	652.796	P	256.364	LOC_Os07g12890.1
DG _{HP}	Os047670_01	S2	0.000	-0.943	P	688.498	P	458.639	P	881.774	LOC_Os10g01800.1
DG _{HP}	Os048024_01	S2	-0.834	0.000	P	255.047	P	143.122	P	200.709	LOC_Os04g05750.1
DG _{HP}	Os048156_01	S2	0.000	-0.904	P	563.252	P	344.599	P	644.734	LOC_Os07g03508.1
DG _{HP}	Os048275_01	S2	1.170	0.000	P	136.548	P	307.263	P	253.427	LOC_Os07g48190.1
DG _{HP}	Os048365_01	S2	0.727	0.000	P	139.788	P	231.364	P	193.251	LOC_Os09g19310.1
DG _{HP}	Os048488_01	S2	0.000	-0.701	P	797.895	P	624.606	P	1015.648	LOC_Os12g39690.1

DG _{HP}	Os048713_01	S2	0.000	0.899	P	3309.079	P	2394.151	P	1284.036	LOC_Os11g27090.1
DG _{HP}	Os048756_01	S2	-1.178	1.637	P	762.188	P	336.768	P	108.290	LOC_Os06g23780.1
DG _{HP}	Os048888_01	S2	0.824	10.000	P	96.242	P	170.323	A	82.961	-
DG _{HP}	Os049068_01	S2	0.000	0.846	P	602.806	P	443.051	P	246.424	-
DG _{HP}	Os049283_01	S2	-0.798	0.000	P	372.941	P	214.437	P	233.843	LOC_Os08g38450.1
DG _{HP}	Os049284_01	S2	0.000	-0.778	P	149.833	P	194.615	P	333.681	LOC_Os01g05310.1
DG _{HP}	Os049472_01	S2	0.000	0.977	P	721.625	P	744.318	P	378.231	LOC_Os10g39080.1
DG _{HP}	Os049499_01	S2	-0.913	0.000	P	554.984	P	294.670	P	233.940	LOC_Os05g27000.1
DG _{HP}	Os049664_01	S2	0.793	0.000	P	150.286	P	260.389	P	234.376	LOC_Os08g08490.1
DG _{HP}	Os050024_01	S2	0.000	0.893	P	1019.487	P	854.664	P	460.247	LOC_Os01g65950.1
DG _{HP}	Os050288_01	S2	0.000	0.870	P	335.886	P	323.225	P	176.800	-
DG _{HP}	Os050644_01	S2	-0.900	0.000	P	460.088	P	246.557	P	212.501	LOC_Os11g32630.1
DG _{HP}	Os050700_01	S2	-0.969	-0.894	P	53337.980	P	27255.989	P	50638.030	LOC_Os10g21280.1
DG _{HP}	Os051476_01	S2	0.000	-0.925	P	5553.676	P	5396.166	P	10244.057	LOC_Os08g01370.1
DG _{HP}	Os051763_01	S2	-0.918	0.000	P	418.489	P	221.438	P	220.331	LOC_Os11g27100.1
DG _{HP}	Os051859_01	S2	-1.161	2.551	P	1877.310	P	839.796	P	143.295	-
DG _{HP}	Os051935_01	S2	0.845	-0.681	P	738.975	P	1327.060	P	2127.481	LOC_Os01g15270.1
DG _{HP}	Os051947_01	S2	0.000	0.823	P	551.324	P	419.783	P	237.327	LOC_Os05g25850.1
DG _{HP}	Os052021_01	S2	0.000	0.902	P	667.280	P	656.704	P	351.486	LOC_Os12g05430.1
DG _{HP}	Os052056_01	S2	-0.826	0.000	P	781.728	P	441.081	P	398.182	LOC_Os10g42540.1
DG _{HP}	Os052072_01	S2	-0.966	0.000	P	636.600	P	325.942	P	283.226	LOC_Os12g26290.2
DG _{HP}	Os052084_01	S2	-1.372	0.000	P	1061.642	P	410.274	P	284.808	LOC_Os11g32650.1
DG _{HP}	Os052123_01	S2	0.000	-0.803	P	577.587	P	836.220	P	1459.073	LOC_Os06g04920.1
DG _{HP}	Os052153_01	S2	0.000	0.867	P	242.504	P	301.741	P	165.440	LOC_Os03g14530.1
DG _{HP}	Os052203_01	S2	0.946	0.000	P	114.163	P	219.904	P	283.817	LOC_Os03g07480.2
DG _{HP}	Os052312_01	S2	0.749	0.000	P	122.954	P	206.708	P	202.431	LOC_Os07g09060.2
DG _{HP}	Os052326_01	S2	0.777	0.000	P	166.992	P	286.064	P	321.880	LOC_Os02g01920.1
DG _{HP}	Os052354_01	S2	-1.087	-0.675	P	806.767	P	379.812	P	606.214	LOC_Os04g46830.1
DG _{HP}	Os052399_01	S2	0.000	-0.696	P	433.456	P	310.070	P	502.489	LOC_Os12g43370.2
DG _{HP}	Os052477_01	S2	0.000	0.890	P	160.233	P	195.597	P	105.524	LOC_Os01g65330.1
DG _{HP}	Os052508_01	S2	0.000	0.844	P	299.616	P	270.709	P	150.818	LOC_Os10g42860.1

DG _{HP}	Os052844_01	S2	-1.684	0.000	P	1649.071	P	513.128	P	776.072	-
DG _{HP}	Os052911_01	S2	3.762	0.000	P	524.754	P	7121.497	P	5168.331	LOC_Os08g04500.1
DG _{HP}	Os052934_01	S2	0.751	0.854	P	650.082	P	1094.197	P	605.410	LOC_Os06g16640.1
DG _{HP}	Os052941_01	S2	-0.803	0.000	P	512.053	P	293.548	P	258.644	LOC_Os02g37320.1
DG _{HP}	Os053144_01	S2	1.647	0.000	P	356.065	P	1114.999	P	1631.006	LOC_Os01g65169.1
DG _{HP}	Os053281_01	S2	0.000	-0.996	P	1083.047	P	709.916	P	1416.030	LOC_Os01g18440.1
DG _{HP}	Os053343_01	S2	-0.985	0.856	P	670.632	P	338.876	P	187.279	LOC_Os03g25500.1
DG _{HP}	Os053469_01	S2	0.000	-0.727	P	19914.694	P	19566.080	P	32390.654	LOC_Os10g41430.1
DG _{HP}	Os053660_01	S2	-0.827	0.000	P	382.231	P	215.405	P	232.050	LOC_Os10g41640.1
DG _{HP}	Os053800_01	S2	-0.866	0.000	P	1004.583	P	551.204	P	584.173	LOC_Os01g08380.1
DG _{HP}	Os053917_01	S2	0.000	1.025	P	527.301	P	413.910	P	203.450	LOC_Os01g67540.1
DG _{HP}	Os053922_01	S2	-0.969	0.000	P	540.014	P	275.937	P	368.737	LOC_Os08g36500.1
DG _{HP}	Os053976_01	S2	-1.024	10.000	P	300.520	P	147.818	A	97.610	LOC_Os01g02560.1
DG _{HP}	Os054056_01	S2	0.000	1.019	P	1315.786	P	906.471	P	447.210	LOC_Os07g03050.1
DG _{HP}	Os054193_01	S2	0.000	0.866	P	603.251	P	480.057	P	263.339	LOC_Os01g15800.1
DG _{HP}	Os054267_01	S2	-0.939	0.000	P	778.142	P	405.888	P	441.729	-
DG _{HP}	Os054395_01	S2	-0.806	0.000	P	1076.635	P	615.762	P	590.116	LOC_Os02g41650.2
DG _{HP}	Os054493_01	S2	0.722	0.000	P	358.962	P	592.074	P	455.440	LOC_Os03g22810.1
DG _{HP}	Os054550_01	S2	0.000	-0.681	P	805.746	P	748.125	P	1199.363	LOC_Os06g04070.1
DG _{HP}	Os054583_01	S2	0.000	0.843	P	7281.740	P	6589.564	P	3674.030	LOC_Os06g04270.1
DG _{HP}	Os054723_01	S2	0.725	10.000	P	114.465	P	189.139	A	89.327	LOC_Os04g49670.1
DG _{HP}	Os054731_01	S2	-0.988	-0.785	P	460.951	P	232.375	P	400.278	-
DG _{HP}	Os054741_01	S2	1.131	10.000	P	107.618	P	235.642	A	35.326	-
DG _{HP}	Os054785_01	S2	-1.137	-0.784	P	428.921	P	195.003	P	335.873	LOC_Os01g09220.1
DG _{HP}	Os054838_01	S2	0.889	10.000	P	103.773	P	192.216	A	61.783	LOC_Os03g13800.1
DG _{HP}	Os054977_01	S2	0.000	1.017	P	795.624	P	669.423	P	330.790	LOC_Os01g59970.1
DG _{HP}	Os055053_01	S2	0.000	0.930	P	409.150	P	392.210	P	205.837	LOC_Os01g37630.1
DG _{HP}	Os055124_01	S2	0.000	1.113	P	516.528	P	616.256	P	284.913	LOC_Os12g36890.1
DG _{HP}	Os055155_01	S2	0.000	0.854	P	729.891	P	475.026	P	262.829	LOC_Os12g10220.1
DG _{HP}	Os055198_01	S2	0.739	0.000	P	164.759	P	275.046	P	297.495	LOC_Os04g46980.1
DG _{HP}	Os055427_01	S2	0.723	0.000	P	116.173	P	191.817	P	157.358	LOC_Os05g08480.1

DG _{HP}	Os055646_01	S2	-0.897	1.332	P	830.017	P	445.845	P	177.047	LOC_Os12g29670.1
DG _{HP}	Os055745_01	S2	0.000	0.946	P	222.938	P	204.576	P	106.169	LOC_Os07g41090.2
DG _{HP}	Os056132_01	S2	1.274	0.000	P	117.990	P	285.329	P	232.343	LOC_Os05g43040.1
DG _{HP}	Os056446_01	S2	0.000	1.065	P	916.288	P	1349.823	P	645.300	LOC_Os01g74160.1
DG _{HP}	Os056551_01	S2	0.798	0.000	P	156.058	P	271.326	P	359.182	LOC_Os08g37810.1
DG _{HP}	Os056638_01	S2	0.000	-0.669	P	176.446	P	246.846	P	392.460	-
DG _{HP}	Os056762_01	S2	0.778	0.000	P	1178.898	P	2021.744	P	2554.277	LOC_Os03g39830.1
DG _{HP}	Os056918_02	S2	-0.954	0.000	P	8068.496	P	4165.016	P	4437.342	LOC_Os01g13690.1
DG _{HP}	Os056921_02	S2	0.000	-0.642	P	258.384	P	229.466	P	357.960	-
DG _{HP}	Os056923_02	S2	1.294	0.000	P	109.460	P	268.435	P	343.304	LOC_Os02g06584.2
DG _{HP}	Os057173_02	S2	10.000	-1.408	A	57.927	P	425.067	P	1128.118	LOC_Os12g37260.1
DG _{HP}	Os057211_02	S2	0.797	0.000	P	432.234	P	751.171	P	1151.482	LOC_Os01g05970.1
DG _{HP}	Os057369_01	S2	0.000	-0.740	P	2801.869	P	1826.688	P	3051.601	LOC_Os03g50310.1
DG _{HP}	Os057565_02	S2	0.965	0.000	P	195.529	P	381.790	P	387.836	LOC_Os01g27940.1
DG _{HP}	Os057647_02	S2	2.884	0.000	P	95.651	P	706.280	P	983.544	-
DG _{HP}	GeneID	S3	log2(Ratio(L/9))	log2(Ratio(L/P))		Bo_9311.flag		Bo_9311		Bo_LYP9.flag	Bo_LYP9
	Bo_PA64s.flag	Bo_PA64s	-								
DG _{HP}	Os000012_01	S3	1.153	0.000	P	347.641	P	773.134	P	641.778	LOC_Os02g45180.1
DG _{HP}	Os000040_01	S3	1.312	0.000	P	1041.106	P	2584.122	P	2465.486	LOC_Os01g65440.1
DG _{HP}	Os000050_01	S3	0.000	-1.170	P	178.570	P	205.076	P	461.309	LOC_Os01g28030.1
DG _{HP}	Os000054_01	S3	0.000	-0.987	P	170.402	P	237.620	P	470.889	LOC_Os06g45300.2
DG _{HP}	Os000056_01	S3	0.000	-1.207	P	152.641	P	178.896	P	413.092	LOC_Os11g16390.3
DG _{HP}	Os000119_01	S3	0.000	-1.239	P	135.497	P	199.561	P	471.055	LOC_Os03g24339.1
DG _{HP}	Os000128_01	S3	1.737	0.000	P	354.112	P	1180.493	P	920.163	LOC_Os06g12740.1
DG _{HP}	Os000168_01	S3	0.000	-1.080	P	248.580	P	244.850	P	517.515	LOC_Os07g15959.1
DG _{HP}	Os000269_01	S3	0.000	-1.155	P	133.708	P	175.104	P	389.836	LOC_Os12g31440.1
DG _{HP}	Os000380_01	S3	-1.258	1.844	P	2334.250	P	975.700	P	271.797	LOC_Os05g47540.1
DG _{HP}	Os000400_01	S3	1.319	0.000	P	192.885	P	481.122	P	705.572	-
DG _{HP}	Os000406_01	S3	1.122	0.000	P	261.283	P	568.577	P	766.799	LOC_Os07g10720.2
DG _{HP}	Os000423_01	S3	1.398	0.000	P	221.607	P	583.997	P	899.803	LOC_Os02g52860.1
DG _{HP}	Os000431_01	S3	1.361	1.409	P	11570.976	P	29716.642	P	11188.559	LOC_Os01g68300.1

DG _{HP}	Os000515_01	S3	1.193	0.000	P	286.816	P	655.946	P	1011.071	LOC_Os02g03010.1
DG _{HP}	Os000540_01	S3	0.000	-1.091	P	135.351	P	196.875	P	419.356	LOC_Os09g32470.1
DG _{HP}	Os000575_01	S3	1.133	0.000	P	290.970	P	638.277	P	592.324	LOC_Os11g20160.1
DG _{HP}	Os000586_01	S3	1.210	0.000	P	123.952	P	286.733	P	435.509	LOC_Os09g11510.1
DG _{HP}	Os000827_01	S3	0.000	-1.136	P	168.669	P	234.233	P	514.624	LOC_Os03g31730.1
DG _{HP}	Os000842_01	S3	1.613	0.000	P	5454.425	P	16685.998	P	11623.969	LOC_Os12g33130.1
DG _{HP}	Os000894_01	S3	0.000	-0.982	P	254.689	P	183.018	P	361.545	LOC_Os02g08010.1
DG _{HP}	Os000896_01	S3	1.274	0.000	P	171.832	P	415.665	P	512.755	LOC_Os01g67220.2
DG _{HP}	Os000917_01	S3	0.000	-1.714	P	163.561	P	144.685	P	474.774	LOC_Os05g23430.1
DG _{HP}	Os000928_01	S3	0.000	1.525	P	328.191	P	362.648	P	126.024	LOC_Os05g05800.1
DG _{HP}	Os001046_01	S3	0.000	-1.335	P	147.485	P	273.375	P	689.622	LOC_Os03g02514.1
DG _{HP}	Os001183_01	S3	1.449	0.000	P	174.221	P	475.493	P	503.144	LOC_Os11g13930.1
DG _{HP}	Os001211_01	S3	1.251	-1.111	P	119.249	P	283.867	P	612.966	LOC_Os04g42290.1
DG _{HP}	Os001213_01	S3	0.000	1.545	P	1204.312	P	1025.213	P	351.413	LOC_Os05g14860.1
DG _{HP}	Os001215_01	S3	0.000	-0.969	P	294.285	P	335.238	P	655.995	LOC_Os03g55450.2
DG _{HP}	Os001260_01	S3	0.000	-1.205	P	132.230	P	138.841	P	320.027	LOC_Os06g15910.1
DG _{HP}	Os001286_01	S3	0.000	-1.596	P	170.904	P	168.545	P	509.365	LOC_Os08g06520.1
DG _{HP}	Os001385_01	S3	-0.937	0.000	P	2197.516	P	1147.564	P	936.036	LOC_Os02g05470.1
DG _{HP}	Os001472_01	S3	1.121	0.000	P	193.059	P	419.890	P	514.837	LOC_Os09g10760.1
DG _{HP}	Os001486_01	S3	0.000	-0.964	P	189.404	P	248.519	P	484.949	LOC_Os03g10140.1
DG _{HP}	Os001529_01	S3	1.883	0.000	P	1262.598	P	4656.967	P	5482.930	LOC_Os01g60830.1
DG _{HP}	Os001539_01	S3	0.000	-1.282	P	125.967	P	202.675	P	492.868	LOC_Os03g17410.1
DG _{HP}	Os001580_01	S3	0.000	-1.876	P	143.931	P	151.632	P	556.419	LOC_Os03g43800.2
DG _{HP}	Os001582_01	S3	0.000	2.047	P	435.215	P	489.446	P	118.453	-
DG _{HP}	Os001606_01	S3	1.277	0.000	P	1316.521	P	3190.772	P	3633.216	LOC_Os06g44450.1
DG _{HP}	Os001631_01	S3	0.000	-1.084	P	148.926	P	252.783	P	535.765	LOC_Os03g16700.3
DG _{HP}	Os001636_01	S3	1.124	0.000	P	121.075	P	263.849	P	317.822	LOC_Os07g04020.1
DG _{HP}	Os001722_01	S3	1.175	0.000	P	164.551	P	371.462	P	416.580	LOC_Os07g10256.1
DG _{HP}	Os001727_01	S3	0.000	-1.039	P	169.823	P	150.717	P	309.646	LOC_Os03g44500.1
DG _{HP}	Os001770_01	S3	1.166	0.000	P	231.796	P	519.987	P	577.718	LOC_Os03g48920.1
DG _{HP}	Os001813_01	S3	1.236	0.000	P	146.778	P	345.635	P	431.757	LOC_Os05g04850.1

DG _{HP}	Os001855_01	S3	-1.449	0.000	P	606.961	P	222.301	P	103.366	LOC_Os09g35020.1
DG _{HP}	Os001862_01	S3	1.216	-1.099	P	143.718	P	333.850	P	715.108	LOC_Os01g66320.1
DG _{HP}	Os001930_01	S3	0.000	1.663	P	2243.701	P	1725.806	P	544.889	LOC_Os06g49640.1
DG _{HP}	Os001957_01	S3	-1.076	0.000	P	1143.040	P	542.011	P	391.921	LOC_Os07g38230.1
DG _{HP}	Os002092_01	S3	1.318	0.000	P	491.262	P	1224.571	P	1605.279	LOC_Os02g04510.1
DG _{HP}	Os002166_02	S3	1.371	0.000	P	327.691	P	847.404	P	788.214	-
DG _{HP}	Os002369_01	S3	0.000	-1.032	P	219.367	P	224.900	P	459.876	-
DG _{HP}	Os002390_01	S3	2.278	1.933	P	2660.653	P	12900.030	P	3378.061	LOC_Os07g05360.1
DG _{HP}	Os002448_01	S3	10.000	-1.187	A	98.143	P	150.181	P	341.842	LOC_Os02g16730.1
DG _{HP}	Os002532_01	S3	1.240	0.000	P	104.366	P	246.508	P	294.647	LOC_Os03g60260.1
DG _{HP}	Os002671_01	S3	0.000	-1.227	P	149.378	P	190.402	P	445.665	LOC_Os03g51440.1
DG _{HP}	Os002678_01	S3	-1.305	0.000	P	5788.930	P	2343.092	P	981.952	LOC_Os05g03920.1
DG _{HP}	Os002812_01	S3	10.000	-1.079	A	110.888	P	171.269	P	361.812	LOC_Os02g53210.3
DG _{HP}	Os002898_01	S3	1.111	0.000	P	188.861	P	407.903	P	444.077	LOC_Os11g11330.1
DG _{HP}	Os003424_01	S3	1.394	0.000	P	112.845	P	296.609	P	297.913	LOC_Os12g29550.1
DG _{HP}	Os003800_01	S3	0.000	-1.319	P	95.446	P	156.325	P	389.888	LOC_Os02g08490.1
DG _{HP}	Os003956_02	S3	0.000	1.564	P	196.066	P	314.892	P	106.486	-
DG _{HP}	Os004343_01	S3	0.000	1.447	P	722.710	P	586.480	P	215.173	LOC_Os06g14030.1
DG _{HP}	Os004399_01	S3	-2.382	10.000	P	2786.725	P	534.473	A	57.518	LOC_Os02g40180.1
DG _{HP}	Os005103_01	S3	1.333	0.000	P	101.835	P	256.596	P	269.308	LOC_Os09g18159.1
DG _{HP}	Os006161_02	S3	0.000	-0.990	P	212.184	P	252.184	P	500.750	-
DG _{HP}	Os006546_02	S3	1.430	0.000	P	94.416	P	254.477	P	235.018	-
DG _{HP}	Os006663_01	S3	-1.346	0.000	P	524.932	P	206.551	P	182.697	-
DG _{HP}	Os007263_01	S3	2.074	0.000	P	1921.936	P	8091.525	P	11500.748	LOC_Os12g33150.1
DG _{HP}	Os007671_01	S3	1.610	0.000	P	191.985	P	586.187	P	783.429	LOC_Os07g28040.1
DG _{HP}	Os008106_01	S3	10.000	-1.369	A	84.139	P	150.344	P	388.348	-
DG _{HP}	Os008153_02	S3	1.406	0.000	P	331.298	P	878.011	P	1232.415	-
DG _{HP}	Os008192_01	S3	1.470	0.000	P	187.095	P	518.454	P	459.511	LOC_Os09g24620.1
DG _{HP}	Os008368_01	S3	1.445	0.000	P	104.455	P	284.306	P	154.348	LOC_Os09g14680.1
DG _{HP}	Os008439_01	S3	1.283	0.000	P	151.878	P	369.680	P	407.032	LOC_Os07g44740.1
DG _{HP}	Os008441_01	S3	0.000	1.289	P	683.207	P	623.112	P	254.974	LOC_Os03g49190.1

DG _{HP}	Os008450_01	S3	1.434	0.000	P	610.488	P	1649.626	P	1003.716	LOC_Os01g67980.1
DG _{HP}	Os008472_01	S3	-1.115	0.000	P	611.741	P	282.446	P	271.912	LOC_Os07g08860.1
DG _{HP}	Os008486_01	S3	1.259	0.000	P	199.564	P	477.536	P	643.411	LOC_Os02g40730.1
DG _{HP}	Os008529_01	S3	1.320	0.000	P	267.444	P	667.909	P	854.903	LOC_Os07g02210.2
DG _{HP}	Os008538_01	S3	0.000	-1.208	P	518.177	P	1034.895	P	2390.001	LOC_Os03g18070.1
DG _{HP}	Os008556_01	S3	1.531	0.000	P	2182.051	P	6303.891	P	11475.546	LOC_Os02g44630.2
DG _{HP}	Os008557_01	S3	10.000	-1.302	A	58.744	P	172.656	P	425.764	LOC_Os07g29610.1
DG _{HP}	Os008559_01	S3	-1.023	0.000	P	860.040	P	423.363	P	190.569	LOC_Os05g51640.1
DG _{HP}	Os008602_01	S3	1.296	0.000	P	495.134	P	1215.885	P	1594.391	LOC_Os05g06920.1
DG _{HP}	Os008621_01	S3	1.289	0.000	P	138.935	P	339.584	P	327.278	LOC_Os02g30624.2
DG _{HP}	Os008639_01	S3	1.114	0.000	P	105.650	P	228.606	P	212.329	LOC_Os01g50370.1
DG _{HP}	Os008640_01	S3	-1.109	0.000	P	824.225	P	382.060	P	268.669	LOC_Os02g32814.1
DG _{HP}	Os008668_01	S3	1.679	0.000	P	276.103	P	883.930	P	1503.699	LOC_Os11g04720.2
DG _{HP}	Os008685_01	S3	-0.943	0.000	P	1970.092	P	1024.890	P	675.861	-
DG _{HP}	Os008702_01	S3	1.197	0.000	P	93.696	P	214.791	P	219.714	LOC_Os06g11430.1
DG _{HP}	Os008721_01	S3	0.000	-1.047	P	114.253	P	244.218	P	504.780	LOC_Os03g17740.1
DG _{HP}	Os008740_01	S3	1.714	-1.567	P	876.399	P	2874.378	P	8516.821	LOC_Os04g45490.1
DG _{HP}	Os008745_01	S3	1.454	0.000	P	311.632	P	853.922	P	1341.970	LOC_Os06g05880.1
DG _{HP}	Os008765_01	S3	1.154	0.000	P	160.116	P	356.327	P	357.811	LOC_Os09g20660.1
DG _{HP}	Os008778_01	S3	-1.603	0.000	P	3903.760	P	1284.702	P	1138.161	LOC_Os05g31000.1
DG _{HP}	Os008783_01	S3	-0.919	0.000	P	579.672	P	306.647	P	138.636	LOC_Os01g16890.1
DG _{HP}	Os008787_01	S3	0.000	-1.140	P	234.654	P	369.045	P	813.154	LOC_Os02g47560.1
DG _{HP}	Os008849_01	S3	1.152	0.000	P	185.234	P	411.740	P	418.975	LOC_Os06g44374.1
DG _{HP}	Os008886_01	S3	1.317	0.000	P	371.366	P	924.971	P	1449.113	LOC_Os11g10990.1
DG _{HP}	Os008896_01	S3	0.000	-1.153	P	378.264	P	326.358	P	725.925	LOC_Os04g51520.1
DG _{HP}	Os008899_01	S3	1.539	0.000	P	110.724	P	321.785	P	443.902	LOC_Os08g39870.1
DG _{HP}	Os008905_01	S3	0.000	-1.065	P	210.297	P	398.361	P	833.279	LOC_Os06g37000.2
DG _{HP}	Os008928_01	S3	1.117	0.000	P	116.341	P	252.414	P	376.320	LOC_Os03g59710.1
DG _{HP}	Os008970_01	S3	1.241	0.000	P	111.480	P	263.582	P	320.611	LOC_Os09g20900.1
DG _{HP}	Os009036_01	S3	-0.962	0.000	P	7104.860	P	3646.334	P	2848.731	LOC_Os12g30540.1
DG _{HP}	Os009088_01	S3	1.531	1.649	P	181.570	P	524.803	P	167.339	LOC_Os05g12400.1

DG _{HP}	Os009099_01	S3	1.248	0.000	P	233.336	P	554.067	P	487.347	LOC_Os06g39912.1
DG _{HP}	Os009107_01	S3	0.000	2.045	P	898.289	P	700.761	P	169.847	LOC_Os02g50130.1
DG _{HP}	Os009117_01	S3	1.422	0.000	P	2719.474	P	7288.976	P	7736.244	LOC_Os12g02320.1
DG _{HP}	Os009123_01	S3	1.257	0.000	P	115.609	P	276.232	P	320.696	LOC_Os02g32980.1
DG _{HP}	Os009124_01	S3	1.663	0.000	P	12769.665	P	40428.659	P	40618.441	LOC_Os12g02310.1
DG _{HP}	Os009192_01	S3	1.178	0.000	P	117.740	P	266.404	P	404.831	LOC_Os01g50460.1
DG _{HP}	Os009286_01	S3	-1.283	0.000	P	785.284	P	322.763	P	218.206	LOC_Os02g34860.1
DG _{HP}	Os009330_01	S3	0.000	-1.244	P	129.081	P	155.176	P	367.525	LOC_Os01g07730.1
DG _{HP}	Os009346_01	S3	1.161	0.000	P	845.301	P	1890.638	P	2884.290	LOC_Os03g52660.1
DG _{HP}	Os009446_01	S3	1.100	0.000	P	116.838	P	250.512	P	398.272	LOC_Os04g47420.1
DG _{HP}	Os009504_01	S3	0.000	-1.455	P	183.949	P	177.133	P	485.753	LOC_Os02g03410.1
DG _{HP}	Os009518_01	S3	1.179	0.000	P	2836.484	P	6423.194	P	7246.267	LOC_Os01g73250.1
DG _{HP}	Os009556_01	S3	1.524	-0.980	P	1012.907	P	2911.985	P	5743.558	LOC_Os03g59320.1
DG _{HP}	Os009562_01	S3	1.202	0.000	P	778.059	P	1789.457	P	2298.158	LOC_Os03g22270.1
DG _{HP}	Os009586_01	S3	1.556	0.000	P	235.626	P	693.017	P	1013.250	LOC_Os03g14040.3
DG _{HP}	Os009592_01	S3	0.000	-1.166	P	324.889	P	650.648	P	1459.573	LOC_Os05g40180.1
DG _{HP}	Os009664_01	S3	0.000	-1.299	P	123.543	P	198.909	P	489.270	LOC_Os03g04470.1
DG _{HP}	Os009705_01	S3	1.139	0.000	P	136.753	P	301.090	P	461.139	LOC_Os03g05280.1
DG _{HP}	Os009747_01	S3	-0.972	0.000	P	1337.972	P	681.947	P	680.313	LOC_Os05g45050.1
DG _{HP}	Os009753_01	S3	0.000	1.446	P	381.780	P	369.577	P	135.678	-
DG _{HP}	Os009774_01	S3	1.613	0.000	P	99.093	P	303.166	P	479.340	LOC_Os04g45090.1
DG _{HP}	Os009786_01	S3	-1.014	0.000	P	789.224	P	390.726	P	365.486	LOC_Os03g24020.1
DG _{HP}	Os009787_01	S3	2.365	0.000	P	316.726	P	1631.886	P	1318.209	LOC_Os07g23120.1
DG _{HP}	Os009844_01	S3	1.622	0.000	P	2201.903	P	6778.498	P	12351.941	LOC_Os12g08730.1
DG _{HP}	Os009847_01	S3	0.000	-1.263	P	393.898	P	571.332	P	1371.472	LOC_Os09g02710.1
DG _{HP}	Os009852_01	S3	1.126	0.000	P	188.289	P	410.957	P	474.562	LOC_Os03g38020.1
DG _{HP}	Os009869_01	S3	1.145	0.000	P	146.035	P	322.929	P	425.232	LOC_Os04g20230.1
DG _{HP}	Os009907_01	S3	0.000	1.291	P	287.280	P	227.452	P	92.939	LOC_Os03g02690.1
DG _{HP}	Os009921_01	S3	1.422	-1.047	P	286.344	P	767.180	P	1585.465	LOC_Os02g50620.1
DG _{HP}	Os010022_01	S3	0.000	1.337	P	560.321	P	427.046	P	169.041	LOC_Os08g05550.1
DG _{HP}	Os010034_01	S3	1.655	0.000	P	470.580	P	1482.045	P	2367.358	LOC_Os01g68940.1

DG _{HP}	Os010115_01	S3	-1.449	0.000	P	3652.464	P	1338.114	P	760.652	LOC_Os09g36040.1
DG _{HP}	Os010136_01	S3	-1.215	1.485	P	1484.563	P	639.575	P	228.472	LOC_Os11g06730.1
DG _{HP}	Os010210_01	S3	-0.970	0.000	P	775.385	P	395.900	P	211.521	LOC_Os07g42730.1
DG _{HP}	Os010213_01	S3	1.659	1.722	P	130.553	P	412.145	P	124.900	LOC_Os08g07690.1
DG _{HP}	Os010228_01	S3	0.000	1.562	P	397.625	P	344.819	P	116.823	-
DG _{HP}	Os010273_01	S3	0.000	-1.139	P	544.489	P	352.741	P	776.630	LOC_Os04g30420.1
DG _{HP}	Os010313_01	S3	-1.400	0.000	P	634.947	P	240.638	P	214.772	LOC_Os08g36920.1
DG _{HP}	Os010372_01	S3	1.590	-1.779	P	4620.299	P	13911.576	P	47758.151	LOC_Os01g14410.1
DG _{HP}	Os010407_01	S3	1.512	0.000	P	156.368	P	445.983	P	560.729	LOC_Os08g08120.3
DG _{HP}	Os010501_01	S3	2.345	0.000	P	248.125	P	1260.477	P	1985.196	LOC_Os09g26670.1
DG _{HP}	Os010652_01	S3	0.000	-0.973	P	246.415	P	453.077	P	889.216	-
DG _{HP}	Os010677_01	S3	1.185	-1.445	P	129.616	P	294.777	P	802.404	-
DG _{HP}	Os010869_01	S3	0.000	1.998	P	561.526	P	573.926	P	143.645	LOC_Os07g43020.1
DG _{HP}	Os010948_01	S3	-1.795	1.377	P	2078.101	P	598.943	P	230.667	LOC_Os03g03724.2
DG _{HP}	Os011258_01	S3	0.000	1.624	P	1004.867	P	981.938	P	318.678	LOC_Os06g49740.1
DG _{HP}	Os011344_01	S3	0.000	1.538	P	599.377	P	650.646	P	224.055	-
DG _{HP}	Os011371_01	S3	0.000	1.622	P	475.774	P	500.809	P	162.749	LOC_Os07g01920.1
DG _{HP}	Os011450_01	S3	1.510	0.000	P	302.476	P	861.530	P	1324.413	LOC_Os01g72160.1
DG _{HP}	Os011561_01	S3	-0.947	2.610	P	1187.919	P	616.302	P	100.971	LOC_Os09g10340.1
DG _{HP}	Os011601_01	S3	-0.976	0.000	P	686.174	P	348.751	P	214.918	LOC_Os08g41990.1
DG _{HP}	Os011626_01	S3	-1.069	1.668	P	1307.327	P	622.941	P	196.068	LOC_Os02g15900.1
DG _{HP}	Os011643_01	S3	0.000	2.112	P	803.511	P	949.385	P	219.585	LOC_Os06g14420.1
DG _{HP}	Os011651_01	S3	0.000	1.418	P	867.756	P	654.770	P	245.041	LOC_Os09g13570.1
DG _{HP}	Os011662_01	S3	-1.534	0.000	P	3530.075	P	1219.200	P	693.537	LOC_Os07g34570.2
DG _{HP}	Os011667_01	S3	1.264	0.000	P	105.475	P	253.322	P	372.629	LOC_Os01g60430.1
DG _{HP}	Os011669_01	S3	0.000	1.369	P	414.566	P	401.331	P	155.401	LOC_Os04g36054.1
DG _{HP}	Os011722_01	S3	0.000	1.876	P	611.944	P	545.023	P	148.508	LOC_Os03g03390.1
DG _{HP}	Os011759_01	S3	-1.127	0.000	P	431.858	P	197.752	P	174.904	LOC_Os04g41920.2
DG _{HP}	Os011816_01	S3	0.000	2.456	P	1044.057	P	2117.591	P	386.028	-
DG _{HP}	Os011839_01	S3	0.000	2.441	P	1530.957	P	926.364	P	170.547	LOC_Os01g02060.2
DG _{HP}	Os011858_01	S3	0.000	1.487	P	878.955	P	858.093	P	306.071	LOC_Os05g33880.2

DG _{HP}	Os011897_01	S3	0.000	-1.015	P	1224.785	P	1093.770	P	2210.940	LOC_Os03g19760.2
DG _{HP}	Os011950_01	S3	0.000	1.463	P	854.105	P	791.295	P	287.075	LOC_Os04g31070.1
DG _{HP}	Os011979_01	S3	0.000	1.339	P	604.379	P	647.186	P	255.803	LOC_Os06g35160.1
DG _{HP}	Os012021_01	S3	0.000	1.320	P	399.095	P	507.811	P	203.453	LOC_Os01g73000.3
DG _{HP}	Os012023_01	S3	0.000	1.627	P	790.616	P	568.146	P	183.911	LOC_Os02g14770.3
DG _{HP}	Os012028_01	S3	0.000	1.330	P	6820.046	P	9805.662	P	3901.095	LOC_Os11g47760.1
DG _{HP}	Os012121_01	S3	0.000	1.774	P	335.905	P	372.675	P	108.972	LOC_Os12g24170.1
DG _{HP}	Os012122_01	S3	0.000	1.569	P	469.921	P	413.412	P	139.340	LOC_Os03g22380.2
DG _{HP}	Os012189_01	S3	-1.032	10.000	P	336.951	P	164.813	A	111.046	LOC_Os05g05480.1
DG _{HP}	Os012349_01	S3	-1.184	0.000	P	2443.945	P	1075.511	P	1142.773	LOC_Os03g61220.1
DG _{HP}	Os012350_01	S3	0.000	1.273	P	355.670	P	312.247	P	129.240	LOC_Os04g38640.1
DG _{HP}	Os012391_01	S3	-0.958	0.000	P	410.875	P	211.555	P	104.603	LOC_Os09g39420.1
DG _{HP}	Os012394_01	S3	0.000	1.484	P	253.854	P	256.297	P	91.636	LOC_Os02g56740.1
DG _{HP}	Os012417_01	S3	2.233	0.000	P	226.790	P	1065.958	P	1044.234	LOC_Os04g47360.1
DG _{HP}	Os012428_01	S3	0.000	1.281	P	252.992	P	195.684	P	80.529	LOC_Os03g11200.1
DG _{HP}	Os012475_01	S3	0.000	1.659	P	229.119	P	231.840	P	73.422	LOC_Os02g57820.1
DG _{HP}	Os012491_01	S3	0.000	1.293	P	522.437	P	504.842	P	206.056	LOC_Os03g54790.1
DG _{HP}	Os012493_01	S3	0.000	1.527	P	420.684	P	458.468	P	159.051	LOC_Os03g11720.1
DG _{HP}	Os012586_01	S3	0.000	-1.478	P	251.717	P	296.439	P	825.509	LOC_Os08g15444.1
DG _{HP}	Os012632_01	S3	-1.146	0.000	P	421.445	P	190.431	P	156.581	LOC_Os05g51670.1
DG _{HP}	Os012645_01	S3	0.000	-1.378	P	809.827	P	739.389	P	1921.265	LOC_Os05g41550.5
DG _{HP}	Os012753_01	S3	-0.924	0.000	P	8588.591	P	4527.109	P	4115.888	-
DG _{HP}	Os012754_01	S3	-1.034	0.000	P	542.360	P	264.855	P	261.127	LOC_Os03g45400.1
DG _{HP}	Os012757_01	S3	0.000	1.420	P	368.253	P	350.687	P	131.015	LOC_Os02g08130.3
DG _{HP}	Os012782_01	S3	0.000	1.660	P	615.159	P	424.330	P	134.239	LOC_Os05g49200.2
DG _{HP}	Os012829_01	S3	-1.490	0.000	P	1159.827	P	412.780	P	428.746	LOC_Os01g18630.1
DG _{HP}	Os012846_01	S3	-1.034	0.000	P	834.186	P	407.306	P	275.459	LOC_Os07g01214.1
DG _{HP}	Os012851_01	S3	-1.098	0.000	P	760.124	P	355.022	P	298.877	LOC_Os01g60280.1
DG _{HP}	Os012866_01	S3	-0.974	0.000	P	654.631	P	333.336	P	378.160	LOC_Os06g41990.2
DG _{HP}	Os012876_01	S3	0.000	-1.020	P	1627.325	P	1964.890	P	3985.711	LOC_Os05g50550.1
DG _{HP}	Os012886_01	S3	-0.936	0.000	P	773.520	P	404.253	P	443.782	LOC_Os03g06230.1

DG _{HP}	Os012897_01	S3	0.000	1.762	P	329.398	P	409.580	P	120.739	LOC_Os03g04960.2
DG _{HP}	Os012955_01	S3	0.000	1.366	P	931.478	P	569.538	P	220.954	LOC_Os12g14440.1
DG _{HP}	Os013058_01	S3	-1.008	2.387	P	1286.175	P	639.444	P	122.234	LOC_Os04g05010.1
DG _{HP}	Os013109_01	S3	0.000	1.909	P	796.481	P	663.225	P	176.657	LOC_Os02g20310.3
DG _{HP}	Os013155_01	S3	0.000	1.431	P	537.598	P	438.067	P	162.464	LOC_Os10g31000.2
DG _{HP}	Os013156_01	S3	0.000	1.429	P	1336.051	P	1108.844	P	411.895	LOC_Os03g62240.1
DG _{HP}	Os013174_01	S3	0.000	1.847	P	530.343	P	445.485	P	123.822	LOC_Os09g10930.3
DG _{HP}	Os013253_01	S3	0.000	-0.977	P	269.928	P	300.125	P	590.707	LOC_Os03g63910.1
DG _{HP}	Os013316_01	S3	-1.374	0.000	P	1065.143	P	410.827	P	363.210	LOC_Os03g20640.1
DG _{HP}	Os013432_01	S3	0.000	1.400	P	1259.255	P	1081.748	P	410.020	-
DG _{HP}	Os013482_01	S3	0.000	1.674	P	422.531	P	428.956	P	134.394	LOC_Os04g36730.1
DG _{HP}	Os013483_01	S3	0.000	1.446	P	246.675	P	268.567	P	98.595	LOC_Os01g65480.1
DG _{HP}	Os013529_01	S3	-0.974	0.000	P	593.815	P	302.396	P	331.520	-
DG _{HP}	Os013530_01	S3	0.000	1.318	P	631.099	P	613.472	P	246.027	LOC_Os08g30060.2
DG _{HP}	Os013532_01	S3	0.000	1.947	P	1716.707	P	1979.752	P	513.448	LOC_Os01g55094.2
DG _{HP}	Os013568_01	S3	0.000	1.420	P	473.612	P	480.502	P	179.542	LOC_Os08g40150.2
DG _{HP}	Os013569_01	S3	0.000	1.306	P	401.684	P	340.504	P	137.722	LOC_Os01g53150.2
DG _{HP}	Os013589_01	S3	0.000	1.425	P	811.601	P	479.258	P	178.538	LOC_Os08g09270.1
DG _{HP}	Os013615_01	S3	0.000	1.507	P	176.374	P	255.301	P	89.840	LOC_Os09g32740.1
DG _{HP}	Os013619_01	S3	-1.036	0.000	P	1217.377	P	593.571	P	391.310	-
DG _{HP}	Os013638_01	S3	0.000	1.431	P	733.665	P	740.409	P	274.532	LOC_Os08g31470.2
DG _{HP}	Os013639_01	S3	0.000	1.662	P	497.094	P	535.604	P	169.278	LOC_Os03g20980.1
DG _{HP}	Os013641_01	S3	-1.133	0.000	P	418.245	P	190.655	P	233.909	LOC_Os01g73120.1
DG _{HP}	Os013643_01	S3	0.000	1.422	P	408.109	P	409.960	P	152.975	LOC_Os10g36550.3
DG _{HP}	Os013762_01	S3	-1.189	0.000	P	479.268	P	210.185	P	197.307	LOC_Os03g53750.1
DG _{HP}	Os013814_01	S3	0.000	-1.023	P	306.578	P	298.345	P	606.463	LOC_Os06g49430.1
DG _{HP}	Os013905_01	S3	0.000	1.669	P	220.737	P	239.868	P	75.437	LOC_Os02g38800.1
DG _{HP}	Os013918_01	S3	-0.922	0.000	P	700.612	P	369.884	P	325.493	LOC_Os09g29070.1
DG _{HP}	Os013945_01	S3	-1.244	0.000	P	1555.689	P	656.986	P	402.751	LOC_Os03g38950.1
DG _{HP}	Os013969_01	S3	0.000	1.547	P	323.030	P	293.027	P	100.273	LOC_Os07g07610.1
DG _{HP}	Os013976_01	S3	-1.240	0.000	P	10004.501	P	4236.423	P	2669.855	LOC_Os10g35370.2

DG _{HP}	Os014124_01	S3	0.000	-0.987	P	691.840	P	659.302	P	1306.577	LOC_Os09g25060.1
DG _{HP}	Os014307_01	S3	0.000	1.575	P	665.989	P	530.521	P	178.041	LOC_Os07g32630.1
DG _{HP}	Os014320_01	S3	-1.170	0.000	P	2888.720	P	1284.088	P	1358.578	LOC_Os03g17570.3
DG _{HP}	Os014383_01	S3	0.000	-1.017	P	550.750	P	500.304	P	1012.723	LOC_Os09g15820.1
DG _{HP}	Os014449_01	S3	0.000	1.330	P	217.112	P	239.597	P	95.317	LOC_Os12g26480.2
DG _{HP}	Os014631_01	S3	0.000	1.392	P	199.340	P	267.491	P	101.932	-
DG _{HP}	Os014662_01	S3	0.000	1.940	P	382.515	P	395.226	P	102.985	LOC_Os03g17580.1
DG _{HP}	Os014668_01	S3	-1.461	0.000	P	337.094	P	122.454	P	103.675	LOC_Os05g32720.1
DG _{HP}	Os014701_01	S3	0.000	1.421	P	3913.837	P	3915.257	P	1462.327	-
DG _{HP}	Os014758_01	S3	0.000	1.417	P	879.076	P	545.018	P	204.167	LOC_Os01g13120.1
DG _{HP}	Os014805_01	S3	-1.282	0.000	P	464.641	P	191.055	P	179.421	LOC_Os02g57750.1
DG _{HP}	Os014883_01	S3	1.151	0.000	P	2071.267	P	4600.193	P	5094.570	LOC_Os06g44500.1
DG _{HP}	Os014891_01	S3	0.000	1.607	P	766.957	P	588.228	P	193.110	LOC_Os03g01190.1
DG _{HP}	Os014900_01	S3	1.368	0.000	P	439.983	P	1135.581	P	1183.206	LOC_Os04g40700.3
DG _{HP}	Os015043_01	S3	0.000	1.314	P	279.321	P	351.887	P	141.507	LOC_Os11g45220.1
DG _{HP}	Os015046_01	S3	1.170	0.000	P	627.711	P	1412.221	P	2104.391	LOC_Os03g29190.2
DG _{HP}	Os015062_01	S3	0.000	1.421	P	683.390	P	542.724	P	202.618	LOC_Os07g28480.1
DG _{HP}	Os015064_01	S3	0.000	1.417	P	886.731	P	721.296	P	270.179	LOC_Os02g40010.2
DG _{HP}	Os015137_01	S3	1.287	0.000	P	503.470	P	1228.323	P	1674.580	LOC_Os03g62410.1
DG _{HP}	Os015144_01	S3	1.307	0.000	P	1489.034	P	3683.334	P	5588.194	LOC_Os03g26650.2
DG _{HP}	Os015150_01	S3	0.000	2.631	P	4264.757	P	3832.398	P	618.723	LOC_Os06g41010.4
DG _{HP}	Os015155_01	S3	-1.516	0.000	P	600.648	P	210.063	P	230.925	LOC_Os01g71590.3
DG _{HP}	Os015278_01	S3	0.000	-1.048	P	313.135	P	192.369	P	397.766	LOC_Os09g35770.1
DG _{HP}	Os015370_01	S3	0.000	1.326	P	190.920	P	341.574	P	136.238	LOC_Os04g24180.2
DG _{HP}	Os015391_01	S3	0.000	1.645	P	679.528	P	489.141	P	156.437	LOC_Os09g07900.1
DG _{HP}	Os015461_01	S3	0.000	1.540	P	308.199	P	357.722	P	122.986	LOC_Os11g06420.1
DG _{HP}	Os015489_01	S3	-0.970	0.000	P	413.187	P	210.890	P	172.839	-
DG _{HP}	Os015562_01	S3	0.000	1.425	P	539.729	P	503.215	P	187.348	LOC_Os12g05730.1
DG _{HP}	Os015572_01	S3	-1.022	0.000	P	359.425	P	176.959	P	242.083	LOC_Os02g49570.1
DG _{HP}	Os015576_01	S3	0.000	1.276	P	259.536	P	354.824	P	146.569	LOC_Os12g18200.1
DG _{HP}	Os015579_01	S3	0.000	1.735	P	684.500	P	390.179	P	117.201	LOC_Os10g21000.1

DG _{HP}	Os015593_01	S3	-1.199	1.545	P	1205.289	P	525.160	P	179.917	LOC_Os08g26870.3
DG _{HP}	Os015605_01	S3	1.825	0.000	P	1241.729	P	4399.699	P	6279.142	LOC_Os03g05620.1
DG _{HP}	Os015656_01	S3	0.000	1.338	P	504.613	P	343.728	P	135.923	LOC_Os07g41280.3
DG _{HP}	Os015682_01	S3	1.298	0.000	P	7398.723	P	18187.326	P	24502.503	LOC_Os01g18744.1
DG _{HP}	Os015744_01	S3	-0.918	2.369	P	2994.249	P	1584.699	P	306.745	LOC_Os04g54790.1
DG _{HP}	Os015762_01	S3	0.000	1.455	P	937.562	P	734.467	P	267.886	LOC_Os03g47740.1
DG _{HP}	Os015839_01	S3	0.000	1.745	P	1320.408	P	1184.921	P	353.454	LOC_Os02g35180.1
DG _{HP}	Os015940_01	S3	1.105	-0.973	P	180.965	P	389.384	P	764.116	LOC_Os07g28920.1
DG _{HP}	Os015971_01	S3	-0.999	0.000	P	408.451	P	204.322	P	128.548	LOC_Os03g29170.1
DG _{HP}	Os016026_01	S3	1.465	0.000	P	216.200	P	597.013	P	815.086	LOC_Os08g39970.1
DG _{HP}	Os016165_01	S3	0.000	1.400	P	808.764	P	753.172	P	285.494	LOC_Os04g50216.1
DG _{HP}	Os016168_01	S3	1.480	0.000	P	1598.914	P	4459.389	P	6138.704	LOC_Os02g39930.1
DG _{HP}	Os016171_01	S3	1.135	0.000	P	230.648	P	506.631	P	364.393	LOC_Os12g37870.1
DG _{HP}	Os016176_01	S3	-0.944	0.000	P	331.784	P	172.486	P	148.457	LOC_Os12g18860.1
DG _{HP}	Os016181_01	S3	0.000	1.653	P	305.549	P	302.335	P	96.159	LOC_Os09g32430.1
DG _{HP}	Os016187_01	S3	0.000	1.366	P	291.791	P	319.404	P	123.896	LOC_Os04g42670.1
DG _{HP}	Os016188_01	S3	0.000	1.374	P	318.039	P	292.846	P	113.012	LOC_Os01g66420.1
DG _{HP}	Os016235_01	S3	0.000	1.427	P	578.407	P	429.578	P	159.759	LOC_Os02g58150.2
DG _{HP}	Os016284_01	S3	0.000	1.557	P	2114.060	P	1427.512	P	485.115	LOC_Os05g34650.1
DG _{HP}	Os016404_01	S3	1.771	-1.188	P	239.295	P	816.489	P	1859.832	LOC_Os01g15610.1
DG _{HP}	Os016433_01	S3	1.169	0.000	P	185.591	P	417.320	P	625.995	LOC_Os04g15920.1
DG _{HP}	Os016468_01	S3	0.000	1.284	P	144.608	P	184.331	P	75.685	LOC_Os11g08909.1
DG _{HP}	Os016499_01	S3	1.336	0.000	P	617.961	P	1559.524	P	2184.479	LOC_Os09g11370.1
DG _{HP}	Os016512_01	S3	0.000	1.458	P	503.051	P	300.840	P	109.471	LOC_Os03g29760.2
DG _{HP}	Os016558_01	S3	0.000	1.966	P	420.125	P	426.642	P	109.229	LOC_Os03g57500.1
DG _{HP}	Os016565_01	S3	0.000	1.688	P	404.664	P	419.101	P	130.043	LOC_Os07g38580.1
DG _{HP}	Os016594_01	S3	1.592	0.000	P	1968.038	P	5934.825	P	7875.318	LOC_Os07g49100.1
DG _{HP}	Os016601_01	S3	0.000	-1.230	P	298.914	P	173.598	P	407.223	LOC_Os09g15480.1
DG _{HP}	Os016612_01	S3	0.000	1.684	P	761.655	P	614.324	P	191.193	LOC_Os07g09150.1
DG _{HP}	Os016770_01	S3	0.000	2.118	P	1071.040	P	1133.782	P	261.170	LOC_Os07g30760.2
DG _{HP}	Os016774_01	S3	0.000	1.332	P	244.144	P	237.620	P	94.404	LOC_Os02g16450.1

DG _{HP}	Os016789_01	S3	-1.021	0.000	P	950.066	P	468.193	P	365.552	LOC_Os01g48300.4
DG _{HP}	Os016868_01	S3	0.000	1.366	P	646.897	P	348.581	P	135.272	LOC_Os01g51980.1
DG _{HP}	Os016869_01	S3	-1.184	0.000	P	4642.844	P	2042.861	P	1122.591	LOC_Os01g08700.6
DG _{HP}	Os016870_01	S3	0.000	1.857	P	608.466	P	790.224	P	218.139	LOC_Os02g56280.1
DG _{HP}	Os016895_01	S3	0.000	1.344	P	371.763	P	399.227	P	157.301	-
DG _{HP}	Os016919_01	S3	0.000	1.713	P	913.538	P	1372.703	P	418.638	LOC_Os02g01590.1
DG _{HP}	Os016966_01	S3	0.000	1.648	P	3042.902	P	1676.147	P	534.872	LOC_Os04g32850.2
DG _{HP}	Os017110_01	S3	0.000	-1.233	P	379.021	P	531.358	P	1248.892	LOC_Os05g39000.1
DG _{HP}	Os017295_01	S3	0.000	1.525	P	1160.487	P	751.638	P	261.118	LOC_Os03g17010.1
DG _{HP}	Os017305_01	S3	0.000	-1.129	P	192.276	P	375.727	P	822.015	-
DG _{HP}	Os017342_01	S3	0.000	1.518	P	306.367	P	306.874	P	107.135	LOC_Os01g58580.1
DG _{HP}	Os017352_01	S3	1.575	0.000	P	748.338	P	2228.962	P	2078.659	-
DG _{HP}	Os017408_01	S3	-1.076	0.000	P	286.182	P	135.738	P	162.173	LOC_Os09g12550.1
DG _{HP}	Os017413_01	S3	0.000	1.447	P	426.276	P	347.169	P	127.349	LOC_Os01g35580.3
DG _{HP}	Os017421_01	S3	0.000	1.670	P	1785.341	P	1093.144	P	343.445	LOC_Os02g44590.1
DG _{HP}	Os017533_01	S3	1.510	0.000	P	379.617	P	1080.884	P	1311.390	-
DG _{HP}	Os017639_01	S3	0.000	1.571	P	1282.459	P	945.650	P	318.327	LOC_Os02g28980.1
DG _{HP}	Os017662_01	S3	0.000	1.594	P	913.520	P	546.760	P	181.127	LOC_Os12g24080.1
DG _{HP}	Os017667_01	S3	0.000	1.620	P	890.538	P	602.420	P	196.034	LOC_Os06g15360.1
DG _{HP}	Os017686_01	S3	0.000	1.516	P	962.656	P	1050.002	P	367.043	LOC_Os04g48860.2
DG _{HP}	Os017780_01	S3	0.000	1.415	P	666.004	P	481.707	P	180.639	LOC_Os05g51180.1
DG _{HP}	Os017872_01	S3	-1.166	0.000	P	390.588	P	174.115	P	176.587	LOC_Os04g12080.1
DG _{HP}	Os017967_01	S3	1.406	0.000	P	768.206	P	2036.413	P	3388.500	LOC_Os05g49880.1
DG _{HP}	Os017981_01	S3	-1.119	10.000	P	287.542	P	132.387	A	82.994	LOC_Os09g17680.1
DG _{HP}	Os018018_01	S3	0.000	1.268	P	217.197	P	231.642	P	96.184	LOC_Os03g44210.2
DG _{HP}	Os018037_01	S3	0.000	1.913	P	1247.442	P	787.481	P	209.083	LOC_Os02g43790.1
DG _{HP}	Os018042_01	S3	0.000	1.614	P	586.707	P	859.135	P	280.741	LOC_Os02g42940.1
DG _{HP}	Os018049_01	S3	2.057	0.000	P	485.646	P	2021.257	P	2915.641	LOC_Os03g49630.1
DG _{HP}	Os018050_01	S3	-0.969	0.000	P	400.700	P	204.738	P	200.062	LOC_Os01g68750.1
DG _{HP}	Os018061_01	S3	1.114	0.000	P	153.415	P	332.035	P	355.418	LOC_Os03g15120.1
DG _{HP}	Os018086_01	S3	0.000	1.609	P	1178.070	P	761.049	P	249.483	-

DG _{HP}	Os018107_01	S3	0.000	1.393	P	416.922	P	385.379	P	146.765	LOC_Os02g45344.1
DG _{HP}	Os018131_01	S3	0.000	1.293	P	351.429	P	394.493	P	160.986	LOC_Os12g42140.1
DG _{HP}	Os018264_01	S3	0.000	-1.004	P	500.355	P	929.792	P	1865.059	LOC_Os08g41320.1
DG _{HP}	Os018279_01	S3	1.455	0.000	P	1078.117	P	2955.798	P	4392.454	LOC_Os09g04790.1
DG _{HP}	Os018345_01	S3	1.108	0.000	P	211.355	P	455.509	P	492.520	LOC_Os12g34860.1
DG _{HP}	Os018378_01	S3	2.308	0.000	P	872.336	P	4318.976	P	6248.325	LOC_Os08g02210.2
DG _{HP}	Os018397_01	S3	-1.165	0.000	P	877.969	P	391.507	P	288.961	LOC_Os08g04450.4
DG _{HP}	Os018427_01	S3	-1.281	0.000	P	460.861	P	189.649	P	212.176	LOC_Os08g34950.1
DG _{HP}	Os018432_01	S3	1.126	0.000	P	258.627	P	564.372	P	613.930	LOC_Os08g42420.5
DG _{HP}	Os018512_01	S3	0.000	1.540	P	304.853	P	331.761	P	114.073	LOC_Os01g65210.1
DG _{HP}	Os018514_01	S3	0.000	1.372	P	305.601	P	280.680	P	108.468	LOC_Os09g21000.1
DG _{HP}	Os018621_01	S3	1.163	0.000	P	617.342	P	1382.089	P	1864.478	LOC_Os09g29980.2
DG _{HP}	Os018705_01	S3	-1.041	0.000	P	376.306	P	182.866	P	148.444	LOC_Os04g49960.1
DG _{HP}	Os018744_01	S3	0.000	1.289	P	713.989	P	595.408	P	243.714	LOC_Os08g39630.1
DG _{HP}	Os018766_01	S3	0.000	1.292	P	1308.014	P	905.827	P	369.869	LOC_Os04g40670.1
DG _{HP}	Os018767_01	S3	0.000	2.154	P	980.788	P	889.183	P	199.806	LOC_Os04g32050.1
DG _{HP}	Os018818_01	S3	-0.969	1.395	P	2661.653	P	1359.475	P	516.769	-
DG _{HP}	Os018837_01	S3	-0.928	0.000	P	693.069	P	364.326	P	333.290	LOC_Os01g61880.1
DG _{HP}	Os018865_01	S3	0.000	1.277	P	768.007	P	779.162	P	321.452	-
DG _{HP}	Os018882_01	S3	0.000	1.506	P	1832.048	P	1161.112	P	408.828	LOC_Os03g27790.1
DG _{HP}	Os018906_01	S3	0.000	1.890	P	472.619	P	425.597	P	114.865	LOC_Os07g31450.1
DG _{HP}	Os019071_01	S3	-0.957	0.000	P	697.579	P	359.413	P	256.277	LOC_Os02g38840.2
DG _{HP}	Os019113_01	S3	-0.951	0.000	P	1470.931	P	760.620	P	400.718	LOC_Os12g17910.1
DG _{HP}	Os019114_01	S3	0.000	1.599	P	332.873	P	288.238	P	95.118	LOC_Os04g49000.1
DG _{HP}	Os019144_01	S3	0.000	1.886	P	410.754	P	542.964	P	146.921	LOC_Os07g10600.2
DG _{HP}	Os019163_01	S3	0.000	1.391	P	2066.703	P	2101.201	P	801.138	LOC_Os01g08560.2
DG _{HP}	Os019255_01	S3	0.000	1.586	P	269.568	P	278.611	P	92.775	LOC_Os05g11810.1
DG _{HP}	Os019258_01	S3	0.000	1.359	P	201.026	P	289.990	P	113.018	LOC_Os03g46190.2
DG _{HP}	Os019296_01	S3	0.000	-1.084	P	298.241	P	290.668	P	616.184	LOC_Os04g49210.1
DG _{HP}	Os019328_01	S3	-0.926	0.000	P	310.124	P	163.209	P	147.418	-
DG _{HP}	Os019437_01	S3	0.000	-1.648	P	253.831	P	216.298	P	677.668	LOC_Os12g42260.2

DG _{HP}	Os019546_01	S3	0.000	1.664	P	321.434	P	373.151	P	117.733	LOC_Os01g53000.1
DG _{HP}	Os019634_01	S3	-1.023	0.000	P	1896.826	P	933.593	P	544.904	LOC_Os06g02380.2
DG _{HP}	Os019923_01	S3	0.000	1.307	P	245.210	P	300.469	P	121.435	LOC_Os01g51890.1
DG _{HP}	Os019943_01	S3	0.000	1.329	P	521.666	P	606.602	P	241.427	LOC_Os07g27490.1
DG _{HP}	Os019988_01	S3	0.000	1.334	P	202.637	P	191.673	P	76.012	LOC_Os07g37140.1
DG _{HP}	Os020042_01	S3	0.000	1.480	P	422.895	P	510.944	P	183.141	LOC_Os12g40550.1
DG _{HP}	Os020076_01	S3	1.664	0.000	P	283.364	P	898.253	P	1356.637	LOC_Os08g39380.1
DG _{HP}	Os020133_01	S3	1.366	0.000	P	643.267	P	1657.613	P	1878.664	LOC_Os11g42030.1
DG _{HP}	Os020193_01	S3	1.482	1.774	P	143.555	P	401.043	P	117.303	LOC_Os07g44550.1
DG _{HP}	Os020254_01	S3	0.000	1.508	P	444.568	P	389.975	P	137.086	LOC_Os01g48330.1
DG _{HP}	Os020277_01	S3	0.000	1.484	P	351.476	P	298.522	P	106.706	LOC_Os02g47860.2
DG _{HP}	Os020302_01	S3	0.000	1.308	P	862.278	P	703.450	P	284.072	LOC_Os02g57180.1
DG _{HP}	Os020331_01	S3	1.813	0.000	P	598.049	P	2100.952	P	3458.889	LOC_Os03g40650.1
DG _{HP}	Os020343_01	S3	0.000	1.387	P	353.664	P	316.371	P	120.972	LOC_Os11g16410.1
DG _{HP}	Os020347_01	S3	0.000	1.371	P	239.135	P	295.705	P	114.359	LOC_Os07g45350.3
DG _{HP}	Os020349_01	S3	0.000	1.493	P	247.978	P	260.203	P	92.453	LOC_Os03g10400.3
DG _{HP}	Os020367_01	S3	0.000	1.565	P	526.355	P	515.422	P	174.152	LOC_Os01g15630.1
DG _{HP}	Os020369_01	S3	0.000	1.346	P	354.627	P	323.770	P	127.397	LOC_Os03g46340.1
DG _{HP}	Os020390_01	S3	0.000	1.969	P	1225.048	P	930.502	P	237.675	LOC_Os03g58070.1
DG _{HP}	Os020397_01	S3	0.000	2.424	P	299.579	P	525.393	P	97.908	LOC_Os01g09640.1
DG _{HP}	Os020402_01	S3	-0.941	0.000	P	296.827	P	154.622	P	143.150	LOC_Os02g23890.1
DG _{HP}	Os020538_01	S3	-1.204	10.000	P	355.007	P	154.092	A	92.235	-
DG _{HP}	Os020634_01	S3	0.000	1.538	P	266.544	P	264.869	P	91.219	LOC_Os02g50970.1
DG _{HP}	Os020653_01	S3	0.000	1.292	P	455.435	P	826.713	P	337.721	LOC_Os11g05990.1
DG _{HP}	Os020669_01	S3	0.000	1.686	P	928.754	P	540.578	P	168.056	LOC_Os03g16369.2
DG _{HP}	Os020680_01	S3	0.000	1.629	P	223.637	P	306.348	P	99.028	LOC_Os01g65986.1
DG _{HP}	Os020705_01	S3	0.000	1.447	P	666.468	P	577.416	P	211.800	LOC_Os01g34670.1
DG _{HP}	Os021034_01	S3	0.000	1.399	P	258.730	P	271.702	P	103.022	LOC_Os01g17279.1
DG _{HP}	Os021036_01	S3	0.000	1.950	P	574.502	P	589.368	P	152.522	LOC_Os01g23620.1
DG _{HP}	Os021077_01	S3	0.000	1.745	P	448.475	P	301.629	P	89.969	LOC_Os07g12830.2
DG _{HP}	Os021078_01	S3	0.000	1.482	P	442.465	P	384.824	P	137.771	LOC_Os03g57940.3

DG _{HP}	Os021124_01	S3	0.000	1.461	P	399.925	P	250.550	P	90.993	LOC_Os02g57590.1
DG _{HP}	Os021147_01	S3	1.169	0.000	P	170.102	P	382.578	P	247.391	LOC_Os08g35860.1
DG _{HP}	Os021178_01	S3	0.000	1.692	P	425.126	P	423.602	P	131.131	LOC_Os04g56646.1
DG _{HP}	Os021319_01	S3	-1.215	0.000	P	1221.772	P	526.232	P	335.701	LOC_Os05g41010.1
DG _{HP}	Os021389_01	S3	0.000	2.196	P	561.153	P	552.882	P	120.696	LOC_Os03g60820.1
DG _{HP}	Os021413_01	S3	0.000	1.571	P	537.101	P	460.362	P	154.898	LOC_Os08g25799.1
DG _{HP}	Os021431_01	S3	0.000	1.590	P	393.573	P	463.245	P	153.919	LOC_Os01g51380.2
DG _{HP}	Os021453_01	S3	0.000	1.680	P	1541.329	P	1218.015	P	380.012	LOC_Os02g12760.1
DG _{HP}	Os021454_01	S3	0.000	2.008	P	1805.721	P	1388.511	P	345.223	LOC_Os03g37970.1
DG _{HP}	Os021455_01	S3	0.000	1.792	P	1740.024	P	1938.517	P	559.956	LOC_Os03g55820.1
DG _{HP}	Os021458_01	S3	0.000	1.275	P	1417.909	P	1228.284	P	507.505	LOC_Os07g14270.1
DG _{HP}	Os021485_01	S3	0.000	1.696	P	414.913	P	299.311	P	92.370	LOC_Os06g50818.1
DG _{HP}	Os021505_01	S3	0.000	-1.033	P	1237.341	P	1989.465	P	4070.396	LOC_Os02g51930.1
DG _{HP}	Os021532_01	S3	0.000	1.656	P	341.794	P	304.769	P	96.681	LOC_Os11g34230.1
DG _{HP}	Os021549_01	S3	0.000	1.663	P	1206.584	P	904.113	P	285.456	LOC_Os02g58560.1
DG _{HP}	Os021555_01	S3	0.000	1.817	P	275.933	P	374.743	P	106.341	LOC_Os05g04530.1
DG _{HP}	Os021590_01	S3	1.179	0.000	P	1749.266	P	3960.900	P	5205.467	LOC_Os06g35560.1
DG _{HP}	Os021606_01	S3	1.430	0.000	P	537.466	P	1448.415	P	2091.623	LOC_Os09g21470.1
DG _{HP}	Os021857_01	S3	0.000	1.786	P	1550.246	P	1760.587	P	510.351	LOC_Os10g41200.1
DG _{HP}	Os021893_01	S3	-1.563	0.000	P	1514.079	P	512.504	P	306.291	LOC_Os09g35030.1
DG _{HP}	Os021904_01	S3	0.000	1.400	P	1103.285	P	1013.338	P	383.949	LOC_Os02g54980.1
DG _{HP}	Os021927_01	S3	-0.925	0.000	P	659.237	P	347.223	P	256.033	LOC_Os05g32820.1
DG _{HP}	Os022155_01	S3	0.000	1.447	P	388.725	P	315.572	P	115.753	LOC_Os04g58020.1
DG _{HP}	Os022268_01	S3	0.000	-1.301	P	211.495	P	231.463	P	570.361	LOC_Os04g45460.1
DG _{HP}	Os022572_01	S3	0.000	-1.280	P	2345.467	P	3387.188	P	8225.550	LOC_Os12g36980.1
DG _{HP}	Os022683_01	S3	0.000	-0.966	P	367.259	P	385.941	P	754.072	LOC_Os01g18870.1
DG _{HP}	Os022954_01	S3	0.000	1.708	P	584.996	P	538.472	P	164.783	LOC_Os08g34170.1
DG _{HP}	Os023050_01	S3	0.000	1.346	P	1445.397	P	1046.384	P	411.654	LOC_Os06g02330.1
DG _{HP}	Os023116_01	S3	2.079	1.723	P	92.327	P	390.083	P	118.137	-
DG _{HP}	Os023212_01	S3	-0.918	10.000	P	438.436	P	231.966	A	58.238	-
DG _{HP}	Os023497_01	S3	0.000	-1.268	P	446.802	P	331.739	P	799.121	-

DG _{HP}	Os023653_01	S3	0.000	1.285	P	1829.397	P	1345.983	P	552.207	LOC_Os05g43140.1
DG _{HP}	Os023778_01	S3	0.000	-1.198	P	236.787	P	365.389	P	838.562	LOC_Os01g63010.1
DG _{HP}	Os023977_01	S3	0.000	1.987	P	403.150	P	410.183	P	103.477	LOC_Os06g43790.1
DG _{HP}	Os023998_01	S3	0.000	1.530	P	855.774	P	784.937	P	271.803	LOC_Os08g42570.1
DG _{HP}	Os024046_01	S3	-0.919	0.000	P	492.759	P	260.637	P	174.622	LOC_Os02g44010.1
DG _{HP}	Os024099_01	S3	-1.786	0.000	P	797.622	P	231.334	P	401.753	LOC_Os01g51690.1
DG _{HP}	Os024371_01	S3	1.862	0.000	P	335.220	P	1218.430	P	2025.861	-
DG _{HP}	Os024723_01	S3	0.000	1.434	P	843.648	P	597.597	P	221.173	LOC_Os11g05490.1
DG _{HP}	Os024766_01	S3	0.000	1.865	P	1010.402	P	886.520	P	243.422	LOC_Os03g64360.1
DG _{HP}	Os024793_01	S3	0.000	1.372	P	407.593	P	292.204	P	112.879	LOC_Os01g63190.1
DG _{HP}	Os024827_01	S3	0.000	1.654	P	217.536	P	281.583	P	89.447	-
DG _{HP}	Os025124_01	S3	0.000	1.498	P	742.272	P	863.681	P	305.802	LOC_Os08g30730.1
DG _{HP}	Os025146_01	S3	0.000	1.570	P	265.313	P	288.093	P	97.035	LOC_Os06g08580.1
DG _{HP}	Os025187_01	S3	1.161	0.000	P	218.397	P	488.437	P	757.439	-
DG _{HP}	Os025398_01	S3	1.131	0.000	P	588.517	P	1289.024	P	1970.133	LOC_Os05g45410.1
DG _{HP}	Os025567_01	S3	0.000	1.490	P	629.206	P	524.855	P	186.844	LOC_Os11g28270.3
DG _{HP}	Os025816_01	S3	1.815	0.000	P	164.522	P	578.780	P	850.244	LOC_Os07g14610.1
DG _{HP}	Os025868_01	S3	1.137	0.000	P	161.711	P	355.731	P	284.031	LOC_Os03g02830.1
DG _{HP}	Os025874_01	S3	0.000	1.445	P	634.858	P	643.711	P	236.439	LOC_Os02g53490.1
DG _{HP}	Os025882_01	S3	-1.150	0.000	P	810.151	P	364.962	P	271.200	LOC_Os01g20830.1
DG _{HP}	Os025897_01	S3	0.000	1.398	P	1443.580	P	1124.570	P	426.637	LOC_Os05g31062.1
DG _{HP}	Os025904_01	S3	0.000	2.082	P	359.811	P	457.387	P	108.014	LOC_Os01g49210.1
DG _{HP}	Os025974_01	S3	0.000	1.691	P	585.697	P	380.722	P	117.936	LOC_Os03g53060.1
DG _{HP}	Os026022_01	S3	0.000	-1.196	P	448.663	P	455.647	P	1043.546	LOC_Os10g28420.1
DG _{HP}	Os026372_01	S3	0.000	1.288	P	368.475	P	335.269	P	137.320	LOC_Os05g27530.1
DG _{HP}	Os026390_01	S3	1.264	-1.014	P	153.555	P	368.750	P	744.657	LOC_Os05g25040.2
DG _{HP}	Os026464_01	S3	1.215	-1.136	P	377.385	P	876.366	P	1925.812	LOC_Os09g34100.1
DG _{HP}	Os026917_01	S3	-1.071	-1.078	P	9226.499	P	4392.807	P	9274.304	LOC_Os04g52250.1
DG _{HP}	Os027607_01	S3	1.280	0.000	P	101.479	P	246.446	P	262.136	LOC_Os02g07830.1
DG _{HP}	Os027785_01	S3	1.414	0.000	P	382.660	P	1019.871	P	1831.553	LOC_Os03g61130.1
DG _{HP}	Os027821_01	S3	-1.241	0.000	P	1046.934	P	443.068	P	330.292	LOC_Os07g37730.1

DG _{HP}	Os027934_01	S3	1.157	0.000	P	114.216	P	254.641	P	363.919	LOC_Os06g06270.1
DG _{HP}	Os028021_01	S3	-0.973	1.466	P	1626.494	P	828.704	P	299.946	LOC_Os01g04670.1
DG _{HP}	Os028543_01	S3	0.000	1.304	P	381.820	P	316.274	P	128.052	LOC_Os03g47890.1
DG _{HP}	Os028605_01	S3	-1.905	0.000	P	3132.828	P	836.598	P	412.530	LOC_Os02g06380.1
DG _{HP}	Os028616_01	S3	1.366	-0.989	P	193.347	P	498.500	P	989.692	LOC_Os11g02440.2
DG _{HP}	Os028619_01	S3	0.000	1.456	P	149.615	P	263.970	P	96.206	LOC_Os11g14120.1
DG _{HP}	Os028782_01	S3	0.000	-1.121	P	301.193	P	390.371	P	849.155	LOC_Os11g12810.1
DG _{HP}	Os028837_01	S3	-1.212	0.000	P	884.747	P	381.970	P	235.509	LOC_Os12g04970.1
DG _{HP}	Os029050_01	S3	1.181	0.000	P	240.585	P	545.662	P	465.495	LOC_Os10g35260.1
DG _{HP}	Os029489_01	S3	0.000	-1.063	P	103.909	P	207.058	P	432.540	LOC_Os02g57854.1
DG _{HP}	Os029577_01	S3	1.195	0.000	P	340.718	P	780.084	P	977.208	LOC_Os05g50340.1
DG _{HP}	Os029655_01	S3	1.106	0.000	P	427.221	P	919.767	P	1063.056	LOC_Os07g36220.1
DG _{HP}	Os029901_01	S3	0.000	-1.008	P	196.561	P	202.747	P	407.705	LOC_Os05g02650.1
DG _{HP}	Os029934_01	S3	1.518	0.000	P	168.647	P	482.918	P	540.086	LOC_Os09g13410.1
DG _{HP}	Os029975_01	S3	1.149	0.000	P	138.616	P	307.301	P	337.619	-
DG _{HP}	Os030028_01	S3	1.413	0.000	P	138.116	P	367.766	P	492.589	LOC_Os01g02710.1
DG _{HP}	Os030080_01	S3	-1.561	0.000	P	1002.935	P	339.840	P	472.159	LOC_Os03g45450.1
DG _{HP}	Os030108_01	S3	1.319	0.000	P	509.388	P	1270.605	P	1708.554	LOC_Os06g37400.1
DG _{HP}	Os030179_01	S3	0.000	-1.017	P	255.199	P	279.463	P	565.639	LOC_Os01g54540.1
DG _{HP}	Os030344_01	S3	1.786	0.000	P	163.078	P	562.420	P	674.268	LOC_Os12g43820.1
DG _{HP}	Os030366_01	S3	1.120	0.000	P	217.990	P	473.858	P	502.128	LOC_Os04g41350.1
DG _{HP}	Os030442_01	S3	1.132	0.000	P	1555.587	P	3409.830	P	3854.323	LOC_Os06g10290.1
DG _{HP}	Os030484_01	S3	-1.095	0.000	P	2270.374	P	1062.683	P	1122.340	-
DG _{HP}	Os030546_01	S3	1.172	0.000	P	114.302	P	257.574	P	265.840	LOC_Os09g16270.1
DG _{HP}	Os030649_01	S3	0.000	1.494	P	479.963	P	272.419	P	96.743	-
DG _{HP}	Os030652_01	S3	0.000	-1.012	P	196.414	P	281.163	P	566.895	LOC_Os06g11940.1
DG _{HP}	Os030899_01	S3	0.000	1.834	P	466.889	P	507.123	P	142.234	LOC_Os04g53550.1
DG _{HP}	Os030946_01	S3	0.000	1.259	P	1020.620	P	780.263	P	326.008	LOC_Os09g26470.1
DG _{HP}	Os031177_01	S3	1.762	0.000	P	158.940	P	538.920	P	355.137	LOC_Os05g13490.1
DG _{HP}	Os031628_01	S3	2.789	1.737	P	108.323	P	748.507	P	224.608	LOC_Os09g37290.1
DG _{HP}	Os031701_01	S3	0.000	1.337	P	935.865	P	532.163	P	210.715	LOC_Os01g24690.1

DG _{HP}	Os031725_01	S3	0.000	1.597	P	435.989	P	429.308	P	141.946	LOC_Os11g42640.1
DG _{HP}	Os031751_01	S3	1.548	0.000	P	109.796	P	321.092	P	276.989	-
DG _{HP}	Os031779_01	S3	-0.992	0.000	P	331.047	P	166.447	P	122.738	-
DG _{HP}	Os031960_01	S3	1.848	0.000	P	152.148	P	547.893	P	273.123	LOC_Os11g28170.1
DG _{HP}	Os032029_01	S3	1.452	0.000	P	95.327	P	260.741	P	280.172	-
DG _{HP}	Os032136_01	S3	0.000	1.755	P	395.777	P	413.575	P	122.559	LOC_Os03g22634.1
DG _{HP}	Os032469_01	S3	1.132	0.000	P	104.537	P	229.107	P	172.991	LOC_Os03g49920.1
DG _{HP}	Os032573_01	S3	1.252	10.000	P	241.854	P	576.076	A	269.604	-
DG _{HP}	Os032695_01	S3	1.273	0.000	P	112.340	P	271.421	P	339.779	LOC_Os05g18870.1
DG _{HP}	Os032727_01	S3	1.196	0.000	P	148.917	P	341.265	P	433.358	LOC_Os08g04520.1
DG _{HP}	Os032793_01	S3	0.000	1.672	P	511.457	P	500.199	P	156.970	LOC_Os07g46190.1
DG _{HP}	Os032953_01	S3	1.267	0.000	P	149.319	P	359.417	P	503.842	LOC_Os01g35310.1
DG _{HP}	Os033046_01	S3	-1.131	0.000	P	418.396	P	191.032	P	236.721	LOC_Os10g35330.1
DG _{HP}	Os033589_01	S3	0.000	1.505	P	684.841	P	394.428	P	138.941	LOC_Os08g25240.1
DG _{HP}	Os033643_01	S3	0.000	1.261	P	430.070	P	421.954	P	176.090	-
DG _{HP}	Os033886_01	S3	1.299	0.000	P	170.628	P	419.771	P	346.813	LOC_Os08g33300.1
DG _{HP}	Os033950_01	S3	-1.547	10.000	P	488.058	P	166.989	A	50.431	-
DG _{HP}	Os034452_01	S3	1.202	0.000	P	111.794	P	257.114	P	320.220	LOC_Os09g02350.1
DG _{HP}	Os034470_01	S3	1.461	0.000	P	107.661	P	296.301	P	508.256	LOC_Os10g10420.1
DG _{HP}	Os034533_01	S3	1.422	0.000	P	289.173	P	774.693	P	464.021	LOC_Os05g12270.1
DG _{HP}	Os034680_01	S3	0.000	1.759	P	378.277	P	290.554	P	85.848	LOC_Os05g04914.1
DG _{HP}	Os034759_01	S3	1.647	1.271	P	643.080	P	2014.373	P	834.596	LOC_Os04g13090.1
DG _{HP}	Os034801_01	S3	1.115	10.000	P	118.364	P	256.428	A	99.473	LOC_Os09g24310.1
DG _{HP}	Os035048_01	S3	1.261	0.000	P	119.794	P	287.072	P	371.367	LOC_Os12g39220.1
DG _{HP}	Os035128_01	S3	1.288	10.000	P	132.032	P	322.373	A	145.808	LOC_Os05g46060.1
DG _{HP}	Os035785_01	S3	0.000	1.371	P	499.492	P	351.937	P	136.103	LOC_Os09g30050.1
DG _{HP}	Os035825_01	S3	-1.462	0.000	P	508.589	P	184.574	P	142.485	-
DG _{HP}	Os035930_01	S3	0.000	-1.418	P	246.914	P	163.277	P	436.213	LOC_Os04g31290.1
DG _{HP}	Os036777_01	S3	0.000	2.419	P	887.543	P	582.230	P	108.870	LOC_Os02g48920.1
DG _{HP}	Os037353_01	S3	0.000	1.614	P	437.062	P	414.550	P	135.400	-
DG _{HP}	Os037594_01	S3	0.000	-0.995	P	1469.707	P	1676.965	P	3342.911	-

DG _{HP}	Os037607_01	S3	-1.042	0.000	P	541.553	P	263.061	P	135.621	LOC_Os01g02680.1
DG _{HP}	Os037666_01	S3	1.241	0.000	P	109.165	P	258.064	P	288.806	LOC_Os10g26400.2
DG _{HP}	Os037974_01	S3	0.000	-1.060	P	200.202	P	170.909	P	356.351	LOC_Os02g13460.1
DG _{HP}	Os038937_01	S3	1.322	0.000	P	235.984	P	589.926	P	685.938	LOC_Os06g41680.1
DG _{HP}	Os038942_01	S3	0.000	-1.735	P	198.955	P	204.434	P	680.478	LOC_Os08g37670.1
DG _{HP}	Os039107_01	S3	1.354	0.000	P	126.554	P	323.410	P	409.390	LOC_Os04g56800.1
DG _{HP}	Os039170_01	S3	-0.948	0.000	P	1161.087	P	601.902	P	635.208	LOC_Os02g47744.4
DG _{HP}	Os039470_01	S3	1.261	0.000	P	163.917	P	392.722	P	389.886	LOC_Os01g24350.1
DG _{HP}	Os039580_01	S3	-1.602	10.000	P	1155.843	P	380.629	A	76.230	LOC_Os02g40180.1
DG _{HP}	Os039593_01	S3	-1.002	1.851	P	1350.998	P	674.643	P	186.954	-
DG _{HP}	Os039978_01	S3	-1.229	0.000	P	406.686	P	173.479	P	97.846	-
DG _{HP}	Os040246_01	S3	-1.022	0.000	P	875.018	P	430.863	P	459.539	LOC_Os08g44670.1
DG _{HP}	Os040328_01	S3	10.000	-1.263	A	62.654	P	265.940	P	638.184	LOC_Os05g31400.1
DG _{HP}	Os040512_01	S3	-0.945	0.000	P	574.197	P	298.201	P	170.382	LOC_Os04g54990.1
DG _{HP}	Os040526_01	S3	1.167	0.000	P	141.729	P	318.282	P	502.493	LOC_Os01g62680.1
DG _{HP}	Os041048_01	S3	-1.039	0.000	P	535.838	P	260.735	P	148.334	-
DG _{HP}	Os041150_01	S3	1.510	0.000	P	221.410	P	630.476	P	771.738	LOC_Os06g43850.1
DG _{HP}	Os041241_01	S3	1.644	0.000	P	161.040	P	503.136	P	677.112	LOC_Os01g21270.1
DG _{HP}	Os041436_01	S3	-1.321	0.000	P	1054.481	P	422.106	P	350.264	LOC_Os11g47950.1
DG _{HP}	Os041507_01	S3	1.415	0.000	P	370.056	P	986.584	P	1105.807	-
DG _{HP}	Os042108_01	S3	0.000	-1.115	P	334.894	P	317.186	P	686.853	LOC_Os09g26580.1
DG _{HP}	Os042254_01	S3	0.000	-1.132	P	1061.870	P	650.002	P	1424.262	LOC_Os02g26380.1
DG _{HP}	Os042441_01	S3	0.000	-1.214	P	357.153	P	763.471	P	1771.293	LOC_Os06g13800.1
DG _{HP}	Os042450_01	S3	0.000	1.395	P	321.881	P	250.228	P	95.177	LOC_Os11g28104.1
DG _{HP}	Os042492_01	S3	0.000	-1.029	P	418.042	P	376.558	P	768.572	-
DG _{HP}	Os042564_01	S3	0.000	1.420	P	295.319	P	291.682	P	109.027	LOC_Os12g12640.1
DG _{HP}	Os042725_01	S3	0.000	1.754	P	228.479	P	256.425	P	76.002	LOC_Os07g35740.1
DG _{HP}	Os042994_01	S3	0.000	-0.980	P	148.019	P	254.347	P	501.683	LOC_Os05g31090.1
DG _{HP}	Os043254_01	S3	0.000	-1.121	P	252.497	P	218.812	P	475.964	LOC_Os09g18070.1
DG _{HP}	Os043530_01	S3	0.000	1.281	P	1378.785	P	1037.250	P	426.780	LOC_Os06g06340.1
DG _{HP}	Os043706_01	S3	0.000	1.589	P	283.419	P	403.180	P	134.038	LOC_Os08g13790.1

DG _{HP}	Os043735_01	S3	0.000	1.374	P	564.826	P	475.524	P	183.504	LOC_Os05g04380.1
DG _{HP}	Os043803_01	S3	0.000	2.353	P	535.878	P	603.540	P	118.157	LOC_Os04g20280.1
DG _{HP}	Os044089_01	S3	0.000	-1.182	P	397.007	P	373.329	P	847.000	LOC_Os07g12450.1
DG _{HP}	Os044196_01	S3	0.000	1.448	P	1003.780	P	737.735	P	270.400	LOC_Os05g32650.1
DG _{HP}	Os044300_01	S3	0.000	3.060	P	21361.559	P	21318.182	P	2556.570	LOC_Os05g11320.1
DG _{HP}	Os044334_01	S3	0.000	1.259	P	239.450	P	222.386	P	92.945	LOC_Os06g15020.1
DG _{HP}	Os044467_01	S3	0.000	1.442	P	1359.797	P	1406.096	P	517.361	LOC_Os03g63310.1
DG _{HP}	Os044477_01	S3	0.000	1.541	P	272.552	P	223.651	P	76.879	LOC_Os12g10800.1
DG _{HP}	Os044585_01	S3	0.000	2.160	P	374.925	P	434.205	P	97.123	LOC_Os05g14360.1
DG _{HP}	Os044729_01	S3	1.683	0.000	P	105.878	P	339.877	P	404.700	LOC_Os05g30200.1
DG _{HP}	Os044800_01	S3	0.000	2.277	P	616.772	P	548.592	P	113.221	LOC_Os08g31228.1
DG _{HP}	Os044943_01	S3	0.000	-1.156	P	214.045	P	416.394	P	928.002	LOC_Os07g47750.1
DG _{HP}	Os045005_01	S3	1.484	0.000	P	746.814	P	2089.172	P	2828.470	-
DG _{HP}	Os045055_01	S3	1.452	0.000	P	271.916	P	743.777	P	999.942	-
DG _{HP}	Os045207_01	S3	1.761	0.000	P	348.701	P	1181.493	P	2036.576	-
DG _{HP}	Os045261_01	S3	1.136	0.000	P	208.139	P	457.571	P	769.017	LOC_Os02g34610.1
DG _{HP}	Os045285_01	S3	0.000	1.531	P	611.179	P	496.124	P	171.669	LOC_Os12g09720.1
DG _{HP}	Os045308_01	S3	0.000	1.348	P	169.764	P	223.023	P	87.640	LOC_Os06g37250.1
DG _{HP}	Os045521_01	S3	1.300	0.000	P	299.250	P	736.758	P	855.011	-
DG _{HP}	Os045535_01	S3	1.107	0.000	P	273.493	P	589.217	P	900.619	-
DG _{HP}	Os045563_01	S3	0.000	1.344	P	296.159	P	324.002	P	127.629	LOC_Os08g15950.1
DG _{HP}	Os045577_01	S3	1.644	0.000	P	520.462	P	1626.740	P	2812.283	LOC_Os12g07990.1
DG _{HP}	Os045661_01	S3	0.000	1.410	P	638.373	P	659.015	P	248.024	LOC_Os10g23180.1
DG _{HP}	Os045664_01	S3	1.888	0.000	P	345.258	P	1278.217	P	2417.400	LOC_Os02g25890.1
DG _{HP}	Os045861_01	S3	1.245	0.000	P	479.469	P	1136.729	P	1336.020	LOC_Os09g19200.1
DG _{HP}	Os046004_01	S3	1.133	0.000	P	788.437	P	1729.470	P	2325.441	LOC_Os02g24410.1
DG _{HP}	Os046095_01	S3	1.765	0.000	P	191.789	P	652.034	P	1053.077	LOC_Os08g22700.1
DG _{HP}	Os046150_01	S3	0.000	1.291	P	231.060	P	231.822	P	94.737	LOC_Os10g40450.1
DG _{HP}	Os046251_01	S3	1.156	0.000	P	186.759	P	416.042	P	713.963	LOC_Os11g16850.1
DG _{HP}	Os046281_01	S3	1.104	-1.288	P	316.742	P	680.816	P	1662.829	LOC_Os10g38640.1
DG _{HP}	Os046306_01	S3	1.249	0.000	P	2347.797	P	5581.231	P	7629.437	-

DG _{HP}	Os046332_01	S3	1.751	0.000	P	11830.492	P	39819.773	P	55230.288	LOC_Os11g19180.1
DG _{HP}	Os046492_01	S3	0.000	-1.113	P	729.376	P	634.354	P	1372.472	LOC_Os10g11012.1
DG _{HP}	Os046570_01	S3	1.155	0.000	P	341.441	P	760.352	P	1154.727	LOC_Os09g06330.1
DG _{HP}	Os046599_01	S3	1.420	0.000	P	1509.743	P	4038.797	P	6458.481	LOC_Os07g33280.1
DG _{HP}	Os046857_01	S3	1.538	0.000	P	372.856	P	1082.381	P	1813.419	LOC_Os02g38330.1
DG _{HP}	Os046947_01	S3	1.319	0.000	P	124.081	P	309.567	P	376.957	-
DG _{HP}	Os047260_01	S3	-1.024	0.000	P	6876.416	P	3381.847	P	1820.659	LOC_Os06g34840.1
DG _{HP}	Os047419_01	S3	-0.963	0.000	P	482.037	P	247.231	P	297.979	LOC_Os04g01250.2
DG _{HP}	Os047500_01	S3	-1.306	2.742	P	5103.033	P	2064.422	P	308.657	LOC_Os06g43740.1
DG _{HP}	Os047560_01	S3	0.000	1.638	P	1182.610	P	1455.186	P	467.621	LOC_Os07g12890.1
DG _{HP}	Os047852_01	S3	1.552	0.000	P	194.851	P	571.278	P	1053.995	LOC_Os10g24050.1
DG _{HP}	Os048190_01	S3	1.116	0.000	P	161.862	P	350.839	P	610.262	LOC_Os07g27970.1
DG _{HP}	Os048236_01	S3	1.200	0.000	P	264.475	P	607.484	P	904.336	LOC_Os05g34740.1
DG _{HP}	Os048275_01	S3	1.118	0.000	P	156.475	P	339.625	P	190.562	LOC_Os07g48190.1
DG _{HP}	Os048291_01	S3	0.000	1.339	P	376.976	P	292.996	P	115.854	LOC_Os05g20840.1
DG _{HP}	Os048583_01	S3	-0.944	0.000	P	323.961	P	168.400	P	200.388	LOC_Os01g67670.1
DG _{HP}	Os048756_01	S3	-1.021	1.540	P	618.952	P	304.899	P	104.835	LOC_Os06g23780.1
DG _{HP}	Os048781_01	S3	0.000	2.740	P	2210.579	P	1643.526	P	246.009	-
DG _{HP}	Os048837_01	S3	0.000	1.796	P	805.100	P	439.710	P	126.600	LOC_Os10g06810.1
DG _{HP}	Os048884_01	S3	0.000	1.336	P	222.175	P	218.583	P	86.593	LOC_Os10g02390.1
DG _{HP}	Os049029_01	S3	-1.583	0.000	P	441.412	P	147.370	P	129.003	LOC_Os02g46770.1
DG _{HP}	Os049068_01	S3	0.000	-0.974	P	245.442	P	356.993	P	701.204	-
DG _{HP}	Os049669_01	S3	0.000	-1.178	P	247.859	P	340.277	P	769.892	-
DG _{HP}	Os050257_01	S3	1.320	0.000	P	426.031	P	1063.722	P	1517.968	LOC_Os06g34800.1
DG _{HP}	Os050258_01	S3	0.000	-1.082	P	365.103	P	434.586	P	920.167	LOC_Os12g22230.1
DG _{HP}	Os050266_01	S3	0.000	1.448	P	535.871	P	640.785	P	234.794	LOC_Os04g43720.1
DG _{HP}	Os050517_01	S3	0.000	1.852	P	887.872	P	761.814	P	211.031	LOC_Os12g26490.1
DG _{HP}	Os051177_01	S3	1.204	0.000	P	897.348	P	2067.322	P	2992.294	-
DG _{HP}	Os051181_01	S3	1.230	0.000	P	539.589	P	1265.729	P	1556.903	-
DG _{HP}	Os051254_01	S3	1.186	0.000	P	535.026	P	1216.970	P	1641.699	-
DG _{HP}	Os051326_01	S3	1.100	0.000	P	193.725	P	415.260	P	643.308	LOC_Os05g35910.1

DG _{HP}	Os051583_01	S3	0.000	1.307	P	491.374	P	329.958	P	133.331	-
DG _{HP}	Os051737_01	S3	1.224	0.000	P	163.788	P	382.611	P	537.153	LOC_Os06g26050.1
DG _{HP}	Os051919_01	S3	-0.989	0.000	P	2059.416	P	1037.692	P	926.877	LOC_Os12g02310.1
DG _{HP}	Os051935_01	S3	1.410	0.000	P	715.890	P	1902.407	P	2985.035	LOC_Os01g15270.1
DG _{HP}	Os051938_01	S3	1.557	0.000	P	123.604	P	363.609	P	433.131	LOC_Os10g39410.1
DG _{HP}	Os052021_01	S3	0.000	1.684	P	1501.036	P	795.574	P	247.656	LOC_Os12g05430.1
DG _{HP}	Os052029_01	S3	0.000	1.301	P	823.476	P	752.405	P	305.399	LOC_Os07g42300.1
DG _{HP}	Os052067_01	S3	0.000	1.824	P	1318.172	P	701.957	P	198.256	-
DG _{HP}	Os052072_01	S3	0.000	1.712	P	267.102	P	325.225	P	99.261	LOC_Os12g26290.2
DG _{HP}	Os052085_01	S3	0.000	1.900	P	21800.886	P	12278.960	P	3290.245	LOC_Os07g25430.3
DG _{HP}	Os052088_01	S3	0.000	1.322	P	437.479	P	472.228	P	188.921	LOC_Os03g14630.1
DG _{HP}	Os052091_01	S3	-1.163	1.751	P	798.107	P	356.502	P	105.924	LOC_Os07g08660.1
DG _{HP}	Os052153_01	S3	0.000	1.390	P	694.705	P	455.475	P	173.803	LOC_Os03g14530.1
DG _{HP}	Os052160_01	S3	0.000	1.866	P	597.229	P	804.094	P	220.657	LOC_Os01g58420.1
DG _{HP}	Os052183_01	S3	0.000	1.460	P	340.411	P	325.161	P	118.178	LOC_Os01g66960.1
DG _{HP}	Os052213_01	S3	0.000	-1.025	P	1052.653	P	631.566	P	1285.526	LOC_Os01g22900.1
DG _{HP}	Os052280_01	S3	0.000	1.274	P	791.701	P	962.444	P	397.892	LOC_Os03g29260.2
DG _{HP}	Os052430_01	S3	-0.954	0.000	P	789.496	P	407.643	P	191.874	LOC_Os07g29620.1
DG _{HP}	Os052435_01	S3	-0.918	0.000	P	540.270	P	286.017	P	194.799	-
DG _{HP}	Os052461_01	S3	0.000	1.825	P	4357.999	P	3846.062	P	1085.347	LOC_Os04g33110.1
DG _{HP}	Os052475_01	S3	0.000	1.619	P	282.647	P	446.674	P	145.441	LOC_Os02g47000.1
DG _{HP}	Os052484_01	S3	1.126	2.389	P	1113.419	P	2429.760	P	463.762	LOC_Os02g20360.1
DG _{HP}	Os052507_01	S3	0.000	1.402	P	422.956	P	373.129	P	141.145	LOC_Os05g06350.1
DG _{HP}	Os052535_01	S3	0.000	-1.143	P	1172.922	P	770.709	P	1702.609	LOC_Os03g54160.2
DG _{HP}	Os052753_01	S3	0.000	1.294	P	203.764	P	250.525	P	102.137	LOC_Os03g25770.2
DG _{HP}	Os052801_01	S3	0.000	1.432	P	294.249	P	238.045	P	88.233	LOC_Os07g46350.1
DG _{HP}	Os052844_01	S3	0.000	1.958	P	949.063	P	1167.342	P	300.549	-
DG _{HP}	Os053269_01	S3	0.000	1.750	P	437.998	P	484.606	P	144.069	LOC_Os05g46620.1
DG _{HP}	Os053550_01	S3	0.000	1.851	P	730.808	P	752.229	P	208.489	LOC_Os03g56370.1
DG _{HP}	Os053642_01	S3	0.000	1.472	P	301.888	P	422.672	P	152.336	LOC_Os01g67490.2
DG _{HP}	Os053967_01	S3	0.000	-1.142	P	869.929	P	855.616	P	1888.722	LOC_Os01g05850.1

DG _{HP}	Os054260_01	S3	0.000	1.550	P	243.572	P	290.409	P	99.143	LOC_Os04g14790.1
DG _{HP}	Os054377_01	S3	0.000	1.705	P	324.865	P	440.790	P	135.191	LOC_Os05g31140.1
DG _{HP}	Os054432_01	S3	-0.928	0.000	P	9512.894	P	4999.304	P	2485.754	LOC_Os04g58200.1
DG _{HP}	Os054556_01	S3	0.000	-1.782	P	2848.823	P	4939.139	P	16991.597	LOC_Os01g14410.1
DG _{HP}	Os054590_01	S3	1.153	0.000	P	365.466	P	812.621	P	778.981	LOC_Os03g09250.2
DG _{HP}	Os054592_01	S3	0.000	1.629	P	596.577	P	440.116	P	142.320	LOC_Os05g06310.1
DG _{HP}	Os054602_01	S3	0.000	1.596	P	475.799	P	338.152	P	111.834	LOC_Os08g35190.2
DG _{HP}	Os054607_01	S3	-0.953	1.659	P	852.613	P	440.412	P	139.493	LOC_Os05g06780.1
DG _{HP}	Os054637_01	S3	0.000	1.725	P	477.672	P	550.699	P	166.588	LOC_Os09g26880.1
DG _{HP}	Os054638_01	S3	0.000	1.542	P	743.176	P	466.957	P	160.375	-
DG _{HP}	Os054660_01	S3	0.000	1.513	P	23099.878	P	14374.025	P	5035.711	LOC_Os04g41560.2
DG _{HP}	Os054673_01	S3	0.000	2.197	P	2837.491	P	2723.583	P	594.112	LOC_Os03g55540.1
DG _{HP}	Os054700_01	S3	0.000	1.699	P	3586.978	P	4377.187	P	1348.555	LOC_Os07g44330.2
DG _{HP}	Os054724_01	S3	0.000	1.476	P	717.453	P	647.052	P	232.587	LOC_Os09g35730.1
DG _{HP}	Os054730_01	S3	0.000	2.002	P	554.886	P	622.073	P	155.340	LOC_Os05g01050.2
DG _{HP}	Os054747_01	S3	0.000	1.932	P	340.192	P	492.696	P	129.089	LOC_Os05g06270.1
DG _{HP}	Os054752_01	S3	0.000	1.276	P	2695.788	P	2017.469	P	833.350	-
DG _{HP}	Os054785_01	S3	0.000	1.267	P	1613.848	P	1227.024	P	509.900	LOC_Os01g09220.1
DG _{HP}	Os054974_01	S3	0.000	2.118	P	359.759	P	446.569	P	102.906	-
DG _{HP}	Os054975_01	S3	0.000	1.423	P	330.309	P	263.505	P	98.241	LOC_Os04g33990.1
DG _{HP}	Os054977_01	S3	0.000	1.489	P	891.456	P	599.693	P	213.638	LOC_Os01g59970.1
DG _{HP}	Os054983_01	S3	0.000	2.253	P	539.885	P	507.171	P	106.414	LOC_Os05g33310.1
DG _{HP}	Os055024_01	S3	0.000	1.379	P	2259.013	P	1603.749	P	616.490	LOC_Os04g53310.1
DG _{HP}	Os055027_01	S3	0.000	1.439	P	258.400	P	280.606	P	103.521	LOC_Os04g52460.1
DG _{HP}	Os055030_01	S3	0.000	2.075	P	371.152	P	350.343	P	83.132	LOC_Os04g23180.1
DG _{HP}	Os055071_01	S3	0.000	1.752	P	488.719	P	527.948	P	156.754	LOC_Os10g10500.1
DG _{HP}	Os055094_01	S3	0.000	1.439	P	432.152	P	486.738	P	179.534	LOC_Os07g14590.1
DG _{HP}	Os055100_01	S3	0.000	1.540	P	290.115	P	352.962	P	121.352	LOC_Os01g69940.1
DG _{HP}	Os055116_01	S3	0.000	1.877	P	215.859	P	262.145	P	71.355	LOC_Os10g17770.1
DG _{HP}	Os055122_01	S3	0.000	1.437	P	484.925	P	429.800	P	158.775	LOC_Os04g42380.1
DG _{HP}	Os055155_01	S3	0.000	2.827	P	1129.420	P	831.376	P	117.186	LOC_Os12g10220.1

DG _{HP}	Os055171_01	S3	0.000	2.663	P	1724.488	P	1589.554	P	250.933	LOC_Os06g04230.1
DG _{HP}	Os055198_01	S3	1.169	0.000	P	223.927	P	503.493	P	464.234	LOC_Os04g46980.1
DG _{HP}	Os055253_01	S3	0.000	1.279	P	266.385	P	340.585	P	140.342	-
DG _{HP}	Os055308_01	S3	10.000	1.940	A	330.660	P	621.442	P	161.931	LOC_Os07g48020.1
DG _{HP}	Os055334_01	S3	0.000	1.470	P	514.067	P	335.478	P	121.092	LOC_Os10g37240.1
DG _{HP}	Os055417_02	S3	0.000	1.512	P	369.646	P	423.220	P	148.423	-
DG _{HP}	Os055646_01	S3	-1.053	1.390	P	1693.501	P	816.049	P	311.304	LOC_Os12g29670.1
DG _{HP}	Os055679_01	S3	0.000	1.419	P	407.311	P	498.655	P	186.530	LOC_Os01g12270.1
DG _{HP}	Os055709_01	S3	1.222	0.000	P	1571.747	P	3667.438	P	5566.987	LOC_Os12g41110.1
DG _{HP}	Os055763_01	S3	0.000	1.473	P	898.122	P	736.847	P	265.413	-
DG _{HP}	Os055785_01	S3	0.000	1.266	P	1057.381	P	637.354	P	264.960	LOC_Os01g56220.1
DG _{HP}	Os055855_01	S3	0.000	1.579	P	271.274	P	345.031	P	115.494	LOC_Os01g70930.1
DG _{HP}	Os056478_01	S3	1.144	0.000	P	137.719	P	304.362	P	251.859	LOC_Os07g02000.1
DG _{HP}	Os056703_01	S3	0.000	1.464	P	744.513	P	431.195	P	156.299	LOC_Os01g09150.1
DG _{HP}	Os056758_01	S3	0.000	1.716	P	799.965	P	495.066	P	150.727	-
DG _{HP}	Os056914_02	S3	1.541	0.000	P	263.045	P	765.441	P	704.520	LOC_Os03g51600.1
DG _{HP}	Os056918_02	S3	0.000	2.125	P	3081.512	P	2380.425	P	545.623	LOC_Os01g13690.1
DG _{HP}	Os056919_02	S3	-1.240	0.000	P	473.297	P	200.363	P	152.053	-
DG _{HP}	Os056921_02	S3	0.000	1.366	P	289.114	P	313.278	P	121.562	-
DG _{HP}	Os056923_02	S3	1.484	0.000	P	105.706	P	295.766	P	307.351	LOC_Os02g06584.2
DG _{HP}	Os056940_02	S3	1.433	0.000	P	106.182	P	286.725	P	263.477	-
DG _{HP}	Os056946_01	S3	0.000	-1.147	P	243.123	P	504.284	P	1116.512	LOC_Os05g34770.1
DG _{HP}	Os057068_02	S3	1.656	0.000	P	136.616	P	430.398	P	719.798	LOC_Os08g04390.2
DG _{HP}	Os057173_02	S3	10.000	-1.212	A	171.859	P	249.794	P	578.593	LOC_Os12g37260.1
DG _{HP}	Os057211_02	S3	1.270	0.000	P	187.219	P	451.530	P	306.597	LOC_Os01g05970.1
DG _{HP}	Os057254_02	S3	0.000	1.366	P	41180.030	P	27824.079	P	10793.176	-
DG _{HP}	Os057284_02	S3	1.156	0.000	P	310.805	P	692.596	P	559.044	LOC_Os07g02800.3
DG _{HP}	Os057402_02	S3	10.000	1.764	A	435.279	P	454.841	P	133.942	-
DG _{HP}	Os057481_02	S3	1.253	0.000	P	124.842	P	297.622	P	416.199	LOC_Os04g43390.1
DG _{HP}	Os057614_02	S3	1.994	0.000	P	112.019	P	446.126	P	511.801	LOC_Os06g22060.1
DG _{HP}	Os057647_02	S3	2.228	0.000	P	126.616	P	593.160	P	1116.065	-

DG _{HP}	GeneID	S6	log2(Ratio(L/9))		log2(Ratio(L/P))		Fi.leaf_9311.flag	Fi.leaf_9311	Fi.leaf_LYP9.flag	Fi.leaf_LYP9	
	Fi.leaf_PA64s.flag	Fi.leaf_PA64s									
DG _{HP}	Os000062_01	S6	-1.259	0.000	P	560.776	P	234.324	P	324.987	LOC_Os01g55570.1
DG _{HP}	Os000111_01	S6	0.000	1.142	P	298.687	P	335.534	P	152.079	LOC_Os11g32880.1
DG _{HP}	Os000152_01	S6	-1.017	0.000	P	759.778	P	375.376	P	615.459	LOC_Os02g49680.1
DG _{HP}	Os000252_01	S6	0.984	0.000	P	227.187	P	449.440	P	506.898	LOC_Os02g47140.2
DG _{HP}	Os000254_01	S6	-1.088	0.000	P	25731.349	P	12107.660	P	16646.660	-
DG _{HP}	Os000271_01	S6	-1.094	0.000	P	512.264	P	240.054	P	254.452	LOC_Os02g22100.7
DG _{HP}	Os000282_01	S6	0.000	-0.880	P	516.492	P	652.508	P	1200.853	LOC_Os03g60100.1
DG _{HP}	Os000322_01	S6	-1.441	0.000	P	794.664	P	292.598	P	362.852	LOC_Os07g28610.2
DG _{HP}	Os000375_01	S6	0.000	-0.808	P	1278.712	P	1688.329	P	2956.818	LOC_Os02g09590.1
DG _{HP}	Os000429_01	S6	1.076	1.115	P	254.715	P	537.056	P	248.024	LOC_Os01g68770.1
DG _{HP}	Os000431_01	S6	-1.181	1.224	P	26743.943	P	11795.114	P	5047.911	LOC_Os01g68300.1
DG _{HP}	Os000445_01	S6	0.962	0.000	P	449.403	P	875.559	P	517.017	LOC_Os01g37910.1
DG _{HP}	Os000548_01	S6	-0.994	0.000	P	558.767	P	280.491	P	398.197	LOC_Os07g09040.1
DG _{HP}	Os000754_01	S6	0.000	1.547	P	428.814	P	413.153	P	141.344	LOC_Os12g19304.3
DG _{HP}	Os000862_01	S6	10.000	-1.054	A	146.160	P	300.086	P	623.162	LOC_Os07g25440.2
DG _{HP}	Os000918_01	S6	0.000	-0.957	P	383.363	P	226.494	P	439.790	LOC_Os11g44960.1
DG _{HP}	Os000965_01	S6	0.000	0.907	P	986.300	P	856.516	P	456.791	LOC_Os01g73990.1
DG _{HP}	Os000994_01	S6	0.000	-1.351	P	429.314	P	478.596	P	1220.749	-
DG _{HP}	Os001011_01	S6	-1.205	0.000	P	795.638	P	345.239	P	507.951	LOC_Os02g43670.1
DG _{HP}	Os001096_01	S6	0.000	-0.829	P	191.799	P	160.145	P	284.404	LOC_Os12g06670.1
DG _{HP}	Os001220_01	S6	0.000	0.957	P	450.280	P	445.988	P	229.753	LOC_Os06g21110.1
DG _{HP}	Os001579_01	S6	0.940	0.000	P	1043.764	P	2002.795	P	1258.075	LOC_Os10g36170.1
DG _{HP}	Os001682_01	S6	-1.073	0.000	P	1175.180	P	558.595	P	717.592	-
DG _{HP}	Os001884_01	S6	2.445	1.856	P	239.627	P	1304.415	P	360.215	LOC_Os03g60580.1
DG _{HP}	Os001903_01	S6	0.000	2.416	P	602.550	P	1101.214	P	206.285	LOC_Os01g68290.1
DG _{HP}	Os001958_01	S6	-1.509	-1.252	P	2433.061	P	854.770	P	2036.470	LOC_Os02g37060.1
DG _{HP}	Os002058_01	S6	0.000	-0.895	P	183.564	P	147.513	P	274.390	LOC_Os07g38790.1
DG _{HP}	Os002325_01	S6	-1.467	0.000	P	2633.235	P	952.566	P	1151.093	LOC_Os09g38750.1
DG _{HP}	Os002353_01	S6	0.000	-1.449	P	337.468	P	569.621	P	1554.653	LOC_Os03g38470.1

DG _{HP}	Os002360_01	S6	-1.301	0.000	P	980.832	P	398.143	P	617.984	LOC_Os01g72260.1
DG _{HP}	Os002390_01	S6	-1.743	0.000	P	2163.016	P	646.358	P	761.834	LOC_Os07g05360.1
DG _{HP}	Os002417_01	S6	-1.002	10.000	P	377.206	P	188.300	A	110.693	LOC_Os06g10780.1
DG _{HP}	Os002532_01	S6	0.990	0.000	P	179.319	P	356.120	P	249.596	LOC_Os03g60260.1
DG _{HP}	Os002648_01	S6	-1.029	0.000	P	9020.910	P	4419.306	P	7505.961	LOC_Os08g32060.1
DG _{HP}	Os002678_01	S6	-1.414	0.880	P	3326.571	P	1248.755	P	678.329	LOC_Os05g03920.1
DG _{HP}	Os002743_01	S6	-1.172	0.000	P	519.197	P	230.432	P	335.950	LOC_Os03g28080.1
DG _{HP}	Os002866_01	S6	0.000	1.186	P	806.925	P	637.596	P	280.316	LOC_Os03g57690.1
DG _{HP}	Os002918_01	S6	0.000	-0.866	P	952.518	P	681.060	P	1241.623	LOC_Os05g38680.1
DG _{HP}	Os002979_01	S6	-0.929	0.000	P	551.147	P	289.448	P	391.929	-
DG _{HP}	Os003024_01	S6	10.000	-0.777	A	170.085	P	697.789	P	1196.067	LOC_Os01g07520.1
DG _{HP}	Os003186_01	S6	1.202	-0.792	P	372.858	P	857.922	P	1485.322	LOC_Os05g46780.1
DG _{HP}	Os003424_01	S6	0.000	1.042	P	484.028	P	312.263	P	151.679	LOC_Os12g29550.1
DG _{HP}	Os003691_01	S6	0.000	-0.785	P	1462.657	P	1632.120	P	2813.177	LOC_Os12g31460.1
DG _{HP}	Os003776_01	S6	0.938	0.000	P	2700.149	P	5172.519	P	4819.137	LOC_Os12g38290.1
DG _{HP}	Os003879_01	S6	1.077	0.000	P	354.477	P	747.907	P	517.021	LOC_Os02g30110.1
DG _{HP}	Os003956_02	S6	-1.044	10.000	P	357.634	P	173.476	A	93.235	-
DG _{HP}	Os004287_01	S6	0.000	1.008	P	270.357	P	228.281	P	113.508	LOC_Os03g28140.1
DG _{HP}	Os004399_01	S6	-1.517	10.000	P	1889.798	P	660.314	A	62.993	LOC_Os02g40180.1
DG _{HP}	Os004406_01	S6	0.000	0.868	P	1392.562	P	953.576	P	522.635	LOC_Os09g28390.1
DG _{HP}	Os004826_01	S6	-1.236	-0.821	P	943.156	P	400.432	P	707.546	LOC_Os02g13890.1
DG _{HP}	Os006592_01	S6	-1.085	0.000	P	732.091	P	345.214	P	199.023	-
DG _{HP}	Os006842_01	S6	-1.401	0.000	P	501.646	P	190.020	P	318.112	LOC_Os01g45274.4
DG _{HP}	Os007273_01	S6	-1.094	0.000	P	501.316	P	234.899	P	359.118	LOC_Os03g05920.1
DG _{HP}	Os007747_01	S6	-1.136	0.000	P	592.611	P	269.625	P	216.345	LOC_Os02g06300.1
DG _{HP}	Os008169_01	S6	-1.502	1.288	P	2203.978	P	778.315	P	318.650	LOC_Os02g40240.2
DG _{HP}	Os008192_01	S6	-1.139	0.000	P	740.190	P	336.114	P	268.490	LOC_Os09g24620.1
DG _{HP}	Os008199_01	S6	-1.349	0.000	P	535.949	P	210.436	P	259.243	LOC_Os11g44990.1
DG _{HP}	Os008411_01	S6	0.930	1.168	P	627.323	P	1194.836	P	531.610	LOC_Os09g38560.1
DG _{HP}	Os008529_01	S6	1.430	0.000	P	234.250	P	631.368	P	808.045	LOC_Os07g02210.2
DG _{HP}	Os008538_01	S6	-1.204	0.000	P	734.371	P	318.808	P	272.530	LOC_Os03g18070.1

DG _{HP}	Os008548_01	S6	2.198	2.138	P	326.677	P	1499.454	P	340.662	LOC_Os03g02190.1
DG _{HP}	Os008602_01	S6	-1.265	0.000	P	1066.366	P	443.864	P	433.111	LOC_Os05g06920.1
DG _{HP}	Os008620_01	S6	0.000	-0.911	P	887.647	P	792.749	P	1491.093	LOC_Os02g17920.1
DG _{HP}	Os008685_01	S6	0.000	-1.298	P	522.965	P	334.402	P	822.499	-
DG _{HP}	Os008721_01	S6	0.000	0.810	P	261.362	P	262.743	P	149.895	LOC_Os03g17740.1
DG _{HP}	Os008761_01	S6	1.568	0.852	P	277.192	P	821.580	P	455.044	LOC_Os02g32580.1
DG _{HP}	Os008805_01	S6	0.000	0.973	P	329.988	P	252.888	P	128.820	-
DG _{HP}	Os008866_01	S6	-1.042	0.000	P	663.827	P	322.341	P	433.367	LOC_Os10g10180.1
DG _{HP}	Os008896_01	S6	0.956	0.000	P	222.007	P	430.685	P	616.086	LOC_Os04g51520.1
DG _{HP}	Os008979_01	S6	0.000	-1.194	P	4743.524	P	3003.002	P	6868.550	LOC_Os01g17170.1
DG _{HP}	Os008980_01	S6	-0.948	0.000	P	877.189	P	454.557	P	657.515	LOC_Os08g10450.1
DG _{HP}	Os009063_01	S6	0.000	1.636	P	365.632	P	551.532	P	177.416	LOC_Os04g43650.2
DG _{HP}	Os009237_01	S6	-1.048	0.000	P	856.135	P	414.058	P	501.311	LOC_Os12g08830.1
DG _{HP}	Os009268_01	S6	0.000	1.137	P	169.835	P	310.740	P	141.268	LOC_Os01g43851.1
DG _{HP}	Os009377_01	S6	-0.916	0.000	P	651.496	P	345.266	P	262.607	LOC_Os12g12580.1
DG _{HP}	Os009448_01	S6	-1.081	0.000	P	2503.818	P	1183.162	P	1892.630	LOC_Os08g02630.1
DG _{HP}	Os009532_01	S6	0.000	-1.007	P	2109.952	P	1899.473	P	3818.349	LOC_Os07g08030.1
DG _{HP}	Os009556_01	S6	0.000	0.938	P	3686.721	P	4565.590	P	2383.468	LOC_Os03g59320.1
DG _{HP}	Os009558_01	S6	-1.146	0.000	P	377.090	P	170.367	P	248.840	LOC_Os06g49160.1
DG _{HP}	Os009604_01	S6	0.000	1.227	P	535.732	P	525.105	P	224.302	LOC_Os07g43810.1
DG _{HP}	Os009631_01	S6	1.137	0.000	P	204.124	P	448.778	P	332.140	LOC_Os12g04150.1
DG _{HP}	Os009705_01	S6	1.160	0.000	P	408.486	P	912.777	P	538.223	LOC_Os03g05280.1
DG _{HP}	Os009738_01	S6	0.000	0.992	P	644.184	P	961.023	P	483.085	LOC_Os11g34720.1
DG _{HP}	Os009787_01	S6	2.293	0.000	P	440.810	P	2160.500	P	3364.262	LOC_Os07g23120.1
DG _{HP}	Os009800_01	S6	0.000	0.912	P	232.516	P	254.712	P	135.325	LOC_Os03g54050.1
DG _{HP}	Os009844_01	S6	-1.008	0.000	P	6854.300	P	3407.674	P	2957.533	LOC_Os12g08730.1
DG _{HP}	Os009881_01	S6	1.233	0.000	P	266.157	P	625.522	P	856.858	LOC_Os06g05180.1
DG _{HP}	Os009883_01	S6	-1.035	-1.153	P	5223.447	P	2548.624	P	5665.987	LOC_Os02g51080.1
DG _{HP}	Os009986_01	S6	0.957	1.090	P	672.310	P	1305.369	P	613.267	-
DG _{HP}	Os010031_01	S6	1.056	0.000	P	413.266	P	859.284	P	715.063	LOC_Os11g18940.1
DG _{HP}	Os010073_01	S6	0.000	-1.347	P	220.344	P	385.421	P	980.525	LOC_Os07g40986.1

DG _{HP}	Os010109_01	S6	-1.023	0.000	P	1198.272	P	589.626	P	994.379	LOC_Os02g55060.2
DG _{HP}	Os010115_01	S6	-1.103	0.000	P	573.229	P	266.957	P	373.354	LOC_Os09g36040.1
DG _{HP}	Os010135_01	S6	0.000	-0.854	P	135.155	P	152.700	P	276.089	-
DG _{HP}	Os010136_01	S6	0.000	1.755	P	1439.671	P	1020.808	P	302.425	LOC_Os11g06730.1
DG _{HP}	Os010171_01	S6	0.000	1.367	P	225.578	P	300.730	P	116.627	-
DG _{HP}	Os010179_01	S6	-0.955	0.000	P	250.825	P	129.370	P	137.200	LOC_Os09g30410.1
DG _{HP}	Os010486_01	S6	0.000	0.883	P	218.180	P	358.602	P	194.431	-
DG _{HP}	Os010501_01	S6	-0.918	0.000	P	923.602	P	488.845	P	369.995	LOC_Os09g26670.1
DG _{HP}	Os010507_01	S6	0.000	1.070	P	323.859	P	291.929	P	139.039	-
DG _{HP}	Os010517_01	S6	0.000	-0.803	P	259.324	P	193.958	P	338.375	LOC_Os08g16830.1
DG _{HP}	Os010586_01	S6	-0.930	0.000	P	2798.318	P	1468.446	P	2350.452	LOC_Os10g41720.1
DG _{HP}	Os010653_01	S6	0.987	0.000	P	166.376	P	329.665	P	291.379	LOC_Os12g44180.1
DG _{HP}	Os010677_01	S6	0.000	0.867	P	485.746	P	389.659	P	213.642	-
DG _{HP}	Os010804_01	S6	1.061	0.000	P	568.235	P	1185.553	P	919.614	LOC_Os02g54140.1
DG _{HP}	Os010883_01	S6	1.459	1.344	P	179.242	P	492.655	P	194.133	LOC_Os03g19290.1
DG _{HP}	Os010912_01	S6	0.000	1.503	P	468.809	P	663.254	P	233.965	LOC_Os06g23870.1
DG _{HP}	Os010924_01	S6	1.406	1.758	P	869.874	P	2305.016	P	681.592	LOC_Os09g39940.1
DG _{HP}	Os010942_01	S6	1.143	1.212	P	883.619	P	1951.001	P	842.289	LOC_Os06g44180.1
DG _{HP}	Os010946_01	S6	0.000	-0.931	P	231.803	P	143.846	P	274.223	LOC_Os03g17200.1
DG _{HP}	Os010947_01	S6	0.000	1.114	P	551.844	P	374.926	P	173.265	-
DG _{HP}	Os011001_01	S6	1.033	1.074	P	409.850	P	838.444	P	398.333	LOC_Os05g46480.4
DG _{HP}	Os011079_01	S6	0.000	1.251	P	300.241	P	295.483	P	124.111	LOC_Os04g45920.1
DG _{HP}	Os011090_01	S6	0.000	1.080	P	584.649	P	413.298	P	195.443	LOC_Os04g31140.1
DG _{HP}	Os011207_01	S6	1.161	0.000	P	108.249	P	241.984	P	258.058	LOC_Os02g16620.1
DG _{HP}	Os011344_01	S6	0.000	1.449	P	1388.352	P	1079.997	P	395.489	-
DG _{HP}	Os011754_01	S6	1.083	0.000	P	114.759	P	243.039	P	205.882	LOC_Os05g09380.3
DG _{HP}	Os011816_01	S6	-1.480	0.000	P	651.060	P	233.381	P	204.388	-
DG _{HP}	Os011915_01	S6	0.000	-0.959	P	373.203	P	349.342	P	679.340	LOC_Os05g49800.1
DG _{HP}	Os011997_01	S6	1.061	10.000	P	143.615	P	299.644	A	329.856	LOC_Os10g32348.1
DG _{HP}	Os012005_01	S6	0.000	1.010	P	465.087	P	384.773	P	191.079	LOC_Os03g58640.1
DG _{HP}	Os012023_01	S6	0.000	1.266	P	245.150	P	323.080	P	134.375	LOC_Os02g14770.3

DG _{HP}	Os012086_01	S6	-1.243	-0.783	P	1083.916	P	458.010	P	788.367	LOC_Os06g44890.1
DG _{HP}	Os012098_01	S6	-1.003	10.000	P	336.642	P	168.009	A	126.357	LOC_Os08g38990.3
DG _{HP}	Os012135_01	S6	0.000	1.036	P	310.727	P	325.674	P	158.814	LOC_Os04g35280.1
DG _{HP}	Os012205_01	S6	0.000	-1.194	P	205.011	P	277.114	P	633.832	LOC_Os01g74650.3
DG _{HP}	Os012299_01	S6	0.000	-0.880	P	375.103	P	667.581	P	1228.373	LOC_Os09g38030.1
DG _{HP}	Os012329_01	S6	0.000	-1.291	P	404.274	P	675.408	P	1652.665	LOC_Os03g34040.1
DG _{HP}	Os012343_01	S6	0.992	0.000	P	222.027	P	441.652	P	438.207	LOC_Os02g46460.1
DG _{HP}	Os012369_01	S6	1.184	0.000	P	177.033	P	402.201	P	251.406	LOC_Os10g07229.1
DG _{HP}	Os012444_01	S6	0.000	0.805	P	176.047	P	232.380	P	132.988	LOC_Os03g21030.1
DG _{HP}	Os012465_01	S6	0.000	0.906	P	304.002	P	435.617	P	232.521	LOC_Os02g46962.3
DG _{HP}	Os012472_01	S6	0.000	1.024	P	301.973	P	514.365	P	252.885	LOC_Os02g35190.2
DG _{HP}	Os012547_01	S6	-0.964	0.000	P	1317.752	P	675.549	P	773.507	LOC_Os02g10350.1
DG _{HP}	Os012869_01	S6	-1.652	-0.855	P	829.210	P	263.785	P	477.116	LOC_Os02g08230.1
DG _{HP}	Os012915_01	S6	0.000	0.868	P	593.400	P	384.083	P	210.492	LOC_Os01g61970.1
DG _{HP}	Os013023_01	S6	1.088	0.000	P	213.387	P	453.671	P	316.339	LOC_Os06g24730.1
DG _{HP}	Os013150_01	S6	0.000	0.863	P	224.440	P	194.698	P	107.060	-
DG _{HP}	Os013232_01	S6	0.000	-0.925	P	3312.898	P	3125.074	P	5933.504	LOC_Os03g56280.1
DG _{HP}	Os013267_01	S6	-0.934	0.000	P	1165.929	P	610.175	P	351.850	LOC_Os02g29550.2
DG _{HP}	Os013283_01	S6	0.000	-0.853	P	268.135	P	184.195	P	332.807	LOC_Os05g33280.1
DG _{HP}	Os013284_01	S6	0.000	-0.997	P	527.015	P	707.241	P	1412.009	LOC_Os09g28630.1
DG _{HP}	Os013356_01	S6	10.000	-1.314	A	80.158	P	227.187	P	564.782	LOC_Os07g40974.1
DG _{HP}	Os013388_01	S6	0.000	0.822	P	2368.781	P	2581.667	P	1460.468	LOC_Os01g07120.2
DG _{HP}	Os013389_01	S6	0.000	0.978	P	579.333	P	835.772	P	424.167	LOC_Os09g36220.1
DG _{HP}	Os013398_01	S6	-1.142	-0.839	P	889.810	P	403.279	P	721.401	LOC_Os03g20700.2
DG _{HP}	Os013494_01	S6	0.000	-0.767	P	752.844	P	742.187	P	1263.160	LOC_Os04g21790.1
DG _{HP}	Os013529_01	S6	0.000	0.903	P	368.025	P	423.039	P	226.262	-
DG _{HP}	Os013532_01	S6	-1.101	1.014	P	1491.245	P	695.359	P	344.342	LOC_Os01g55094.2
DG _{HP}	Os013619_01	S6	-1.062	0.000	P	439.775	P	210.699	P	173.962	-
DG _{HP}	Os013668_01	S6	0.945	0.000	P	124.937	P	240.464	P	300.958	LOC_Os03g42900.1
DG _{HP}	Os013712_01	S6	-1.049	-0.882	P	24514.019	P	11848.624	P	21842.493	LOC_Os09g26810.1
DG _{HP}	Os013775_01	S6	0.000	-0.821	P	151.131	P	178.407	P	315.202	LOC_Os01g48930.1

DG _{HP}	Os013863_01	S6	0.952	10.000	P	95.654	P	185.090	A	198.743	LOC_Os01g07700.3
DG _{HP}	Os013891_01	S6	1.098	0.000	P	134.613	P	288.161	P	256.561	LOC_Os12g18110.1
DG _{HP}	Os013937_01	S6	-0.908	0.000	P	881.349	P	469.541	P	550.830	LOC_Os05g07860.1
DG _{HP}	Os013987_01	S6	0.971	-0.898	P	187.089	P	366.852	P	683.656	LOC_Os08g01170.1
DG _{HP}	Os014048_01	S6	-0.952	0.000	P	348.720	P	180.306	P	167.442	LOC_Os07g29240.1
DG _{HP}	Os014072_01	S6	-1.018	0.000	P	592.917	P	292.799	P	378.734	LOC_Os01g46760.1
DG _{HP}	Os014249_01	S6	-1.062	0.000	P	498.698	P	238.858	P	325.112	LOC_Os06g28194.1
DG _{HP}	Os014269_01	S6	0.000	-1.151	P	680.864	P	417.218	P	926.681	LOC_Os01g68450.1
DG _{HP}	Os014273_01	S6	-1.749	0.000	P	551.005	P	163.928	P	229.283	LOC_Os03g48030.1
DG _{HP}	Os014285_01	S6	0.000	-0.840	P	619.683	P	459.815	P	823.074	LOC_Os08g14440.2
DG _{HP}	Os014301_01	S6	0.939	0.000	P	625.955	P	1200.455	P	1776.184	-
DG _{HP}	Os014320_01	S6	-0.928	0.000	P	827.872	P	435.062	P	388.942	LOC_Os03g17570.3
DG _{HP}	Os014374_01	S6	-0.994	1.049	P	999.954	P	502.037	P	242.618	LOC_Os10g26990.1
DG _{HP}	Os014410_01	S6	0.000	-0.899	P	465.395	P	381.940	P	711.988	LOC_Os08g23410.1
DG _{HP}	Os014490_01	S6	0.000	0.859	P	372.183	P	234.492	P	129.326	LOC_Os02g13100.1
DG _{HP}	Os014505_01	S6	0.000	1.152	P	341.148	P	566.039	P	254.630	LOC_Os03g37830.1
DG _{HP}	Os014533_01	S6	1.126	0.000	P	148.987	P	325.082	P	343.906	LOC_Os07g37650.1
DG _{HP}	Os014740_01	S6	-1.126	-2.222	P	1109.617	P	508.547	P	2371.947	LOC_Os07g36080.1
DG _{HP}	Os014988_01	S6	0.000	0.886	P	251.811	P	405.429	P	219.421	LOC_Os12g09300.1
DG _{HP}	Os015156_01	S6	-1.139	0.000	P	1022.210	P	464.119	P	296.108	LOC_Os01g08460.1
DG _{HP}	Os015744_01	S6	-0.932	0.000	P	1561.075	P	818.017	P	535.428	LOC_Os04g54790.1
DG _{HP}	Os015774_01	S6	0.000	-0.771	P	195.091	P	182.865	P	312.107	LOC_Os05g34010.1
DG _{HP}	Os015775_01	S6	0.000	-0.827	P	341.490	P	204.880	P	363.354	LOC_Os07g23410.2
DG _{HP}	Os015790_01	S6	1.166	1.182	P	572.255	P	1283.817	P	565.863	-
DG _{HP}	Os015845_01	S6	1.060	0.000	P	128.349	P	267.551	P	403.723	LOC_Os05g03550.1
DG _{HP}	Os015868_01	S6	1.145	10.000	P	140.018	P	309.712	A	156.144	LOC_Os03g13540.1
DG _{HP}	Os016064_01	S6	1.014	1.142	P	182.525	P	368.595	P	167.019	LOC_Os03g59180.2
DG _{HP}	Os016108_01	S6	0.000	0.805	P	542.009	P	322.881	P	184.777	LOC_Os03g52720.1
DG _{HP}	Os016131_01	S6	0.000	0.821	P	419.515	P	365.201	P	206.669	LOC_Os07g42500.1
DG _{HP}	Os016155_01	S6	0.000	1.024	P	550.476	P	615.058	P	302.524	LOC_Os02g57600.1
DG _{HP}	Os016218_01	S6	0.000	-1.061	P	514.991	P	531.565	P	1109.134	LOC_Os03g53300.2

DG _{HP}	Os016235_01	S6	0.000	0.914	P	330.009	P	374.614	P	198.809	LOC_Os02g58150.2
DG _{HP}	Os016238_01	S6	-1.055	10.000	P	451.334	P	217.169	A	109.435	LOC_Os08g35740.1
DG _{HP}	Os016284_01	S6	0.000	0.860	P	788.997	P	521.527	P	287.310	LOC_Os05g34650.1
DG _{HP}	Os016615_01	S6	0.000	-0.813	P	1181.221	P	1032.525	P	1814.283	LOC_Os11g05050.2
DG _{HP}	Os016657_01	S6	0.000	0.870	P	1460.167	P	1677.296	P	917.753	LOC_Os01g50200.1
DG _{HP}	Os016661_01	S6	0.000	-0.879	P	318.345	P	253.186	P	465.488	LOC_Os08g25734.1
DG _{HP}	Os016758_01	S6	1.431	0.000	P	176.360	P	475.604	P	466.157	LOC_Os11g32110.4
DG _{HP}	Os016770_01	S6	-1.050	1.136	P	984.028	P	475.169	P	216.228	LOC_Os07g30760.2
DG _{HP}	Os016790_01	S6	0.000	1.245	P	529.984	P	354.435	P	149.562	LOC_Os04g38220.1
DG _{HP}	Os016793_01	S6	0.000	0.828	P	222.747	P	281.011	P	158.303	LOC_Os02g52780.1
DG _{HP}	Os016859_01	S6	0.000	-0.961	P	296.773	P	359.705	P	700.395	LOC_Os05g37520.1
DG _{HP}	Os016867_01	S6	-1.170	0.000	P	575.147	P	255.553	P	319.067	LOC_Os08g43390.1
DG _{HP}	Os016869_01	S6	0.000	1.121	P	2734.130	P	2560.072	P	1177.047	LOC_Os01g08700.6
DG _{HP}	Os016870_01	S6	0.000	0.856	P	721.178	P	455.638	P	251.757	LOC_Os02g56280.1
DG _{HP}	Os016882_01	S6	0.000	0.918	P	204.741	P	293.189	P	155.188	LOC_Os08g39370.1
DG _{HP}	Os016916_01	S6	10.000	1.020	A	87.601	P	281.765	P	138.905	LOC_Os03g05390.6
DG _{HP}	Os016919_01	S6	1.885	1.831	P	1172.479	P	4330.277	P	1217.126	LOC_Os02g01590.1
DG _{HP}	Os016972_01	S6	1.590	0.000	P	137.903	P	415.018	P	615.133	LOC_Os12g20150.1
DG _{HP}	Os017058_01	S6	1.347	0.000	P	377.466	P	960.075	P	962.362	LOC_Os05g33940.1
DG _{HP}	Os017063_01	S6	0.963	0.000	P	104.792	P	204.314	P	247.870	LOC_Os02g34840.1
DG _{HP}	Os017149_01	S6	0.000	-0.889	P	1427.068	P	1394.480	P	2582.033	LOC_Os03g01030.1
DG _{HP}	Os017238_01	S6	0.000	0.903	P	407.786	P	479.260	P	256.248	LOC_Os07g01820.1
DG _{HP}	Os017372_01	S6	-0.913	0.000	P	494.575	P	262.604	P	192.521	LOC_Os11g45720.1
DG _{HP}	Os017376_01	S6	1.239	0.000	P	319.155	P	753.139	P	531.473	LOC_Os07g48100.1
DG _{HP}	Os017409_01	S6	-0.984	0.000	P	3956.018	P	2000.162	P	1973.130	LOC_Os12g01449.1
DG _{HP}	Os017440_01	S6	0.000	-0.819	P	239.385	P	231.268	P	407.985	LOC_Os10g01134.1
DG _{HP}	Os017442_01	S6	-0.971	-0.861	P	2229.610	P	1137.636	P	2065.961	LOC_Os02g20860.1
DG _{HP}	Os017640_01	S6	-1.341	0.000	P	1304.653	P	515.167	P	821.293	LOC_Os05g22614.1
DG _{HP}	Os017690_01	S6	0.000	0.909	P	9479.017	P	9279.485	P	4942.753	LOC_Os07g01020.1
DG _{HP}	Os017692_01	S6	0.000	0.896	P	128.591	P	242.817	P	130.450	-
DG _{HP}	Os017820_01	S6	0.000	-0.772	P	275.540	P	388.539	P	663.287	LOC_Os04g36062.1

DG _{HP}	Os017944_01	S6	-1.282	-0.846	P	5172.282	P	2127.702	P	3824.578	LOC_Os04g18090.1
DG _{HP}	Os017954_01	S6	0.998	0.000	P	187.351	P	374.246	P	330.098	LOC_Os08g04840.1
DG _{HP}	Os017967_01	S6	0.000	-0.836	P	208.349	P	206.487	P	368.702	LOC_Os05g49880.1
DG _{HP}	Os018024_01	S6	0.000	-0.788	P	193.549	P	165.432	P	285.628	LOC_Os03g11960.1
DG _{HP}	Os018042_01	S6	0.000	0.931	P	624.750	P	694.218	P	364.002	LOC_Os02g42940.1
DG _{HP}	Os018072_01	S6	1.907	-0.786	P	151.710	P	569.134	P	981.595	LOC_Os05g46250.1
DG _{HP}	Os018085_01	S6	10.000	0.869	A	128.424	P	267.379	P	146.404	LOC_Os01g65660.1
DG _{HP}	Os018086_01	S6	1.014	1.063	P	336.137	P	678.782	P	324.802	-
DG _{HP}	Os018138_01	S6	0.000	-0.830	P	301.788	P	223.753	P	397.801	LOC_Os10g36000.2
DG _{HP}	Os018190_01	S6	0.984	0.000	P	127.063	P	251.368	P	238.864	LOC_Os01g43700.2
DG _{HP}	Os018214_01	S6	0.952	0.000	P	114.819	P	222.174	P	301.070	LOC_Os08g12750.2
DG _{HP}	Os018256_01	S6	0.000	-1.081	P	2039.636	P	1297.562	P	2744.191	LOC_Os04g53230.1
DG _{HP}	Os018324_01	S6	1.002	0.000	P	188.865	P	378.313	P	317.784	LOC_Os06g01250.1
DG _{HP}	Os018327_01	S6	0.920	0.000	P	192.496	P	364.222	P	427.037	LOC_Os12g05650.1
DG _{HP}	Os018378_01	S6	0.000	-0.960	P	667.122	P	712.051	P	1385.029	LOC_Os08g02210.2
DG _{HP}	Os018414_01	S6	-1.013	10.000	P	292.532	P	144.904	A	102.585	LOC_Os07g28910.1
DG _{HP}	Os018432_01	S6	1.050	0.000	P	146.083	P	302.567	P	313.947	LOC_Os08g42420.5
DG _{HP}	Os018710_01	S6	0.000	1.051	P	395.592	P	702.005	P	338.831	LOC_Os09g09830.1
DG _{HP}	Os018766_01	S6	-1.297	0.000	P	1153.050	P	469.203	P	350.216	LOC_Os04g40670.1
DG _{HP}	Os018767_01	S6	0.000	1.114	P	660.787	P	524.051	P	242.064	LOC_Os04g32050.1
DG _{HP}	Os018786_01	S6	0.000	1.465	P	1034.521	P	930.932	P	337.181	LOC_Os03g16670.1
DG _{HP}	Os018818_01	S6	-1.193	1.114	P	1417.543	P	620.230	P	286.456	-
DG _{HP}	Os018960_01	S6	0.000	-0.787	P	4576.879	P	3054.315	P	5270.174	LOC_Os03g52840.1
DG _{HP}	Os018965_01	S6	0.000	0.823	P	512.183	P	470.546	P	265.989	LOC_Os03g62200.1
DG _{HP}	Os019237_01	S6	0.000	1.097	P	4150.430	P	4947.263	P	2312.654	LOC_Os01g37690.1
DG _{HP}	Os019246_01	S6	1.387	10.000	P	130.143	P	340.427	A	500.535	LOC_Os09g34160.1
DG _{HP}	Os019400_01	S6	0.947	0.000	P	105.320	P	203.074	P	221.516	LOC_Os01g70790.1
DG _{HP}	Os019413_01	S6	-1.437	0.000	P	672.223	P	248.276	P	343.785	LOC_Os07g49110.1
DG _{HP}	Os019636_01	S6	0.000	0.861	P	2736.416	P	2636.194	P	1451.633	-
DG _{HP}	Os020088_01	S6	0.000	-0.977	P	263.385	P	387.207	P	762.309	LOC_Os05g03120.2
DG _{HP}	Os020145_01	S6	0.000	-0.936	P	677.248	P	538.532	P	1030.445	LOC_Os07g22930.3

DG _{HP}	Os020363_01	S6	0.000	0.907	P	316.567	P	327.210	P	174.495	LOC_Os02g21260.1
DG _{HP}	Os020367_01	S6	0.000	1.214	P	268.804	P	276.903	P	119.372	LOC_Os01g15630.1
DG _{HP}	Os020392_01	S6	0.000	1.204	P	1207.828	P	663.678	P	288.077	LOC_Os03g15050.2
DG _{HP}	Os020398_01	S6	0.000	-1.212	P	224.163	P	250.880	P	581.275	LOC_Os03g54000.1
DG _{HP}	Os020616_01	S6	10.000	-0.872	A	118.728	P	187.833	P	343.724	LOC_Os02g53140.1
DG _{HP}	Os020694_01	S6	1.193	-0.794	P	196.018	P	448.155	P	776.972	LOC_Os09g33680.1
DG _{HP}	Os020765_01	S6	0.974	0.000	P	305.109	P	599.292	P	742.751	LOC_Os01g09990.1
DG _{HP}	Os020903_01	S6	1.153	0.000	P	1039.572	P	2311.785	P	1357.474	LOC_Os03g17870.1
DG _{HP}	Os020930_01	S6	1.023	-0.904	P	231.971	P	471.289	P	881.965	LOC_Os06g04390.1
DG _{HP}	Os020947_01	S6	1.115	1.237	P	1069.835	P	2317.864	P	983.278	LOC_Os03g16500.2
DG _{HP}	Os020962_01	S6	0.000	0.827	P	525.701	P	602.260	P	339.537	LOC_Os10g41930.2
DG _{HP}	Os021189_01	S6	0.000	-0.887	P	263.809	P	294.713	P	545.206	LOC_Os01g69080.1
DG _{HP}	Os021254_01	S6	0.000	-1.095	P	170.764	P	237.729	P	507.779	LOC_Os02g46660.1
DG _{HP}	Os021365_01	S6	0.000	0.887	P	436.097	P	377.059	P	203.827	LOC_Os08g24434.1
DG _{HP}	Os021454_01	S6	0.000	0.841	P	732.604	P	914.422	P	510.377	LOC_Os03g37970.1
DG _{HP}	Os021455_01	S6	0.000	0.860	P	716.476	P	858.876	P	473.189	LOC_Os03g55820.1
DG _{HP}	Os021583_01	S6	0.000	-0.831	P	669.223	P	373.162	P	663.839	LOC_Os04g41870.1
DG _{HP}	Os021726_01	S6	1.348	0.000	P	496.722	P	1264.868	P	1435.566	LOC_Os03g06080.1
DG _{HP}	Os021728_01	S6	0.000	1.012	P	1474.825	P	1585.555	P	786.129	LOC_Os07g23430.1
DG _{HP}	Os021757_01	S6	0.000	1.188	P	616.787	P	398.650	P	175.002	LOC_Os09g36740.1
DG _{HP}	Os021764_01	S6	0.921	0.000	P	175.198	P	331.663	P	259.965	LOC_Os05g44340.1
DG _{HP}	Os021857_01	S6	0.000	0.982	P	1253.706	P	1223.363	P	619.419	LOC_Os10g41200.1
DG _{HP}	Os021870_01	S6	0.000	-1.062	P	208.386	P	318.358	P	664.483	LOC_Os07g41060.1
DG _{HP}	Os021892_01	S6	10.000	-0.769	A	112.733	P	147.112	P	250.663	LOC_Os05g07060.1
DG _{HP}	Os021926_01	S6	-0.928	0.000	P	2748.225	P	1444.895	P	1872.876	LOC_Os12g41920.3
DG _{HP}	Os021978_01	S6	0.000	-0.773	P	1539.744	P	1127.364	P	1925.860	LOC_Os02g39160.1
DG _{HP}	Os022025_01	S6	10.000	-0.882	A	66.199	P	194.797	P	359.042	LOC_Os06g34040.1
DG _{HP}	Os022043_01	S6	-0.934	0.000	P	1397.498	P	731.524	P	1086.227	LOC_Os03g61920.1
DG _{HP}	Os022098_01	S6	10.000	-0.809	A	96.792	P	180.323	P	315.894	LOC_Os01g31940.1
DG _{HP}	Os022158_01	S6	0.000	0.840	P	203.888	P	267.074	P	149.156	LOC_Os01g56470.1
DG _{HP}	Os022183_01	S6	-1.610	-0.898	P	2919.922	P	956.867	P	1782.495	LOC_Os10g40390.1

DG _{HP}	Os022228_01	S6	-0.929	0.000	P	1696.737	P	891.331	P	634.722	LOC_Os10g41250.1
DG _{HP}	Os022291_01	S6	0.000	-0.772	P	611.475	P	1115.651	P	1904.726	LOC_Os03g16880.1
DG _{HP}	Os022309_01	S6	0.000	-0.768	P	377.104	P	573.975	P	977.547	LOC_Os05g10670.1
DG _{HP}	Os022434_01	S6	-1.163	0.000	P	961.959	P	429.466	P	424.021	LOC_Os01g67310.1
DG _{HP}	Os022563_01	S6	0.923	0.000	P	125.587	P	238.126	P	336.490	LOC_Os06g04290.1
DG _{HP}	Os022620_01	S6	1.119	0.000	P	260.472	P	565.675	P	894.493	LOC_Os10g09930.1
DG _{HP}	Os022866_01	S6	0.000	0.861	P	207.681	P	320.507	P	176.450	LOC_Os07g48830.1
DG _{HP}	Os022932_01	S6	0.000	0.900	P	448.205	P	579.568	P	310.613	LOC_Os04g44150.1
DG _{HP}	Os022954_01	S6	0.000	1.118	P	606.414	P	563.408	P	259.663	LOC_Os08g34170.1
DG _{HP}	Os022991_01	S6	-1.272	-1.029	P	520.762	P	215.623	P	440.149	LOC_Os05g43880.1
DG _{HP}	Os023118_01	S6	2.711	-0.835	P	125.070	P	819.182	P	1461.105	LOC_Os07g11120.1
DG _{HP}	Os023213_01	S6	-1.052	0.000	P	4833.006	P	2330.914	P	2856.995	LOC_Os02g32850.1
DG _{HP}	Os023233_01	S6	1.045	0.000	P	559.057	P	1153.287	P	789.995	LOC_Os01g69140.1
DG _{HP}	Os023350_01	S6	-1.225	0.000	P	3410.538	P	1459.112	P	998.281	LOC_Os12g42280.1
DG _{HP}	Os023378_01	S6	-0.930	0.000	P	1029.622	P	540.408	P	698.283	LOC_Os03g46470.1
DG _{HP}	Os023465_01	S6	1.463	0.807	P	142.604	P	393.257	P	224.778	LOC_Os01g37200.1
DG _{HP}	Os023508_01	S6	0.000	1.079	P	2465.441	P	3662.309	P	1733.776	LOC_Os08g04430.1
DG _{HP}	Os023589_01	S6	1.578	-0.813	P	229.898	P	686.599	P	1206.528	LOC_Os05g05650.1
DG _{HP}	Os023983_01	S6	1.345	0.000	P	248.225	P	630.516	P	953.833	LOC_Os02g58500.1
DG _{HP}	Os023998_01	S6	0.000	0.813	P	664.980	P	361.908	P	205.944	LOC_Os08g42570.1
DG _{HP}	Os024035_01	S6	0.000	-0.941	P	870.851	P	468.312	P	899.400	LOC_Os10g02300.3
DG _{HP}	Os024078_01	S6	0.921	0.000	P	150.673	P	285.228	P	366.953	LOC_Os06g44250.1
DG _{HP}	Os024208_01	S6	-0.910	0.000	P	3557.847	P	1893.913	P	2970.114	-
DG _{HP}	Os024254_01	S6	1.537	1.574	P	376.548	P	1092.543	P	367.002	LOC_Os09g26780.1
DG _{HP}	Os024270_01	S6	1.496	0.000	P	298.722	P	842.817	P	663.793	LOC_Os05g36990.1
DG _{HP}	Os024437_01	S6	-1.054	0.000	P	1014.893	P	488.739	P	450.950	-
DG _{HP}	Os024551_01	S6	0.000	0.806	P	290.594	P	278.286	P	159.119	-
DG _{HP}	Os024561_01	S6	0.000	-0.918	P	397.277	P	526.316	P	994.647	LOC_Os04g01740.1
DG _{HP}	Os024616_01	S6	0.000	0.900	P	508.347	P	387.241	P	207.485	-
DG _{HP}	Os024625_01	S6	0.000	0.857	P	181.534	P	260.033	P	143.535	LOC_Os08g25080.1
DG _{HP}	Os024723_01	S6	-1.304	0.000	P	531.685	P	215.405	P	181.232	LOC_Os11g05490.1

DG _{HP}	Os024737_01	S6	1.418	1.073	P	197.309	P	527.148	P	250.566	LOC_Os01g01660.1
DG _{HP}	Os024774_01	S6	0.000	-0.773	P	9767.157	P	6368.404	P	10885.760	LOC_Os02g10390.1
DG _{HP}	Os024778_01	S6	0.949	0.000	P	140.458	P	271.247	P	385.018	LOC_Os05g30800.1
DG _{HP}	Os024795_01	S6	0.000	-1.012	P	533.369	P	510.550	P	1029.885	LOC_Os08g29170.1
DG _{HP}	Os024813_01	S6	0.000	-0.843	P	313.140	P	346.527	P	621.705	LOC_Os06g06560.1
DG _{HP}	Os024882_01	S6	0.000	1.119	P	367.303	P	371.276	P	170.960	LOC_Os09g31120.1
DG _{HP}	Os025052_01	S6	0.000	-0.785	P	570.808	P	316.251	P	544.808	LOC_Os01g56570.1
DG _{HP}	Os025405_01	S6	0.000	2.409	P	1136.781	P	792.617	P	149.203	LOC_Os10g41960.1
DG _{HP}	Os025509_01	S6	1.129	1.042	P	337.988	P	739.289	P	359.061	LOC_Os05g04690.1
DG _{HP}	Os025528_01	S6	0.000	-0.829	P	8361.827	P	13534.397	P	24038.246	-
DG _{HP}	Os025762_01	S6	0.000	1.570	P	1208.171	P	696.465	P	234.592	LOC_Os05g25260.1
DG _{HP}	Os025789_01	S6	0.000	1.062	P	1193.787	P	2015.199	P	965.318	-
DG _{HP}	Os025815_01	S6	0.986	0.000	P	154.889	P	306.769	P	337.772	LOC_Os01g67410.1
DG _{HP}	Os025832_01	S6	1.013	0.000	P	229.385	P	462.773	P	500.325	LOC_Os04g33240.1
DG _{HP}	Os025959_01	S6	0.000	1.343	P	850.488	P	753.489	P	296.977	LOC_Os12g43780.1
DG _{HP}	Os026125_01	S6	10.000	-0.800	A	106.925	P	139.145	P	242.232	LOC_Os03g45779.1
DG _{HP}	Os026131_01	S6	10.000	-1.267	A	122.588	P	247.322	P	595.074	LOC_Os04g42870.1
DG _{HP}	Os026571_01	S6	0.000	-0.997	P	957.403	P	622.513	P	1242.631	LOC_Os04g35680.1
DG _{HP}	Os026917_01	S6	-1.130	-0.967	P	3611.495	P	1650.484	P	3226.381	LOC_Os04g52250.1
DG _{HP}	Os027044_01	S6	-0.929	0.000	P	3206.800	P	1684.374	P	2619.757	LOC_Os09g15830.1
DG _{HP}	Os027168_01	S6	1.105	0.000	P	198.771	P	427.423	P	334.859	LOC_Os11g41260.1
DG _{HP}	Os027606_01	S6	-0.993	10.000	P	214.555	P	107.818	A	67.027	LOC_Os04g51820.1
DG _{HP}	Os027640_01	S6	-0.912	10.000	P	279.486	P	148.545	A	107.059	LOC_Os01g70440.1
DG _{HP}	Os027686_01	S6	0.000	1.326	P	275.084	P	494.843	P	197.431	LOC_Os06g04630.1
DG _{HP}	Os027934_01	S6	0.000	-0.768	P	153.762	P	203.512	P	346.580	LOC_Os06g06270.1
DG _{HP}	Os028052_01	S6	-1.123	-0.842	P	1562.659	P	717.344	P	1286.183	LOC_Os06g29370.1
DG _{HP}	Os028157_01	S6	0.000	1.382	P	1787.603	P	1242.201	P	476.647	LOC_Os10g32110.1
DG _{HP}	Os028344_01	S6	-1.049	10.000	P	311.400	P	150.512	A	94.938	LOC_Os01g45970.1
DG _{HP}	Os028605_01	S6	-1.375	0.000	P	905.647	P	349.227	P	284.322	LOC_Os02g06380.1
DG _{HP}	Os028624_01	S6	0.941	0.000	P	3027.486	P	5814.242	P	8369.570	LOC_Os06g02010.1
DG _{HP}	Os028680_01	S6	1.827	-1.435	P	147.548	P	523.601	P	1416.101	LOC_Os07g06100.1

DG _{HP}	Os028834_01	S6	0.946	0.000	P	807.996	P	1556.477	P	1876.090	LOC_Os03g27070.1
DG _{HP}	Os029713_01	S6	0.000	1.271	P	4651.137	P	3760.475	P	1557.808	LOC_Os07g30990.1
DG _{HP}	Os029791_01	S6	0.000	1.562	P	960.327	P	630.531	P	213.560	LOC_Os02g52200.1
DG _{HP}	Os029902_01	S6	0.000	0.966	P	919.964	P	995.339	P	509.414	LOC_Os09g09850.1
DG _{HP}	Os029927_01	S6	-0.917	0.000	P	1047.031	P	554.674	P	692.005	LOC_Os03g31210.1
DG _{HP}	Os029928_01	S6	-1.193	0.000	P	349.204	P	152.778	P	137.818	-
DG _{HP}	Os030028_01	S6	1.357	-1.280	P	207.732	P	532.262	P	1292.912	LOC_Os01g02710.1
DG _{HP}	Os030119_01	S6	-0.979	0.820	P	913.096	P	463.162	P	262.276	LOC_Os02g03210.1
DG _{HP}	Os030447_01	S6	2.606	10.000	P	150.190	P	914.563	A	918.083	LOC_Os05g06200.1
DG _{HP}	Os031090_01	S6	-0.944	0.000	P	1446.259	P	751.597	P	691.200	LOC_Os12g14699.1
DG _{HP}	Os031198_01	S6	0.000	-0.812	P	561.513	P	587.519	P	1031.587	LOC_Os02g09750.1
DG _{HP}	Os031283_01	S6	-1.154	10.000	P	875.956	P	393.499	A	99.087	LOC_Os09g15400.1
DG _{HP}	Os031388_01	S6	0.959	0.000	P	194.708	P	378.429	P	494.736	LOC_Os01g08350.1
DG _{HP}	Os031452_01	S6	0.000	1.004	P	217.869	P	274.574	P	136.863	LOC_Os04g32820.1
DG _{HP}	Os031850_01	S6	-1.088	0.000	P	3345.547	P	1574.290	P	1874.713	LOC_Os01g24940.1
DG _{HP}	Os031910_01	S6	0.994	0.000	P	332.740	P	662.801	P	415.457	-
DG _{HP}	Os032072_01	S6	0.000	0.914	P	350.581	P	428.536	P	227.395	-
DG _{HP}	Os032147_01	S6	-1.258	-1.244	P	1414.801	P	591.755	P	1401.300	LOC_Os10g10630.1
DG _{HP}	Os032578_01	S6	0.000	-0.813	P	267.152	P	189.187	P	332.455	LOC_Os01g39220.1
DG _{HP}	Os032897_01	S6	-1.589	0.000	P	680.634	P	226.238	P	166.192	LOC_Os03g44850.1
DG _{HP}	Os033072_01	S6	0.928	0.000	P	134.931	P	256.813	P	351.086	LOC_Os12g29230.1
DG _{HP}	Os033430_01	S6	10.000	-1.408	A	103.885	P	265.440	P	704.527	LOC_Os10g22630.1
DG _{HP}	Os033722_01	S6	0.000	-0.774	P	347.305	P	278.158	P	475.566	LOC_Os02g32150.1
DG _{HP}	Os033886_01	S6	0.987	0.000	P	291.724	P	578.189	P	606.413	LOC_Os08g33300.1
DG _{HP}	Os033915_01	S6	1.352	0.000	P	288.392	P	736.092	P	1102.521	LOC_Os11g45530.1
DG _{HP}	Os034325_01	S6	0.000	-0.854	P	1220.339	P	665.104	P	1201.983	LOC_Os03g10980.1
DG _{HP}	Os034920_01	S6	10.000	1.432	A	1322.060	P	508.974	P	188.601	LOC_Os04g08160.1
DG _{HP}	Os035193_01	S6	-1.119	-0.959	P	633.319	P	291.545	P	566.631	LOC_Os01g11970.1
DG _{HP}	Os035398_01	S6	0.000	-0.793	P	624.739	P	420.027	P	727.890	-
DG _{HP}	Os036231_01	S6	-1.047	-1.100	P	2075.205	P	1004.491	P	2153.040	LOC_Os03g46200.1
DG _{HP}	Os036325_01	S6	0.972	0.000	P	895.182	P	1756.472	P	1739.758	LOC_Os08g19550.1

DG _{HP}	Os036341_01	S6	-0.930	10.000	P	476.473	P	250.003	A	79.679	LOC_Os07g05510.1
DG _{HP}	Os036373_01	S6	1.226	0.000	P	639.598	P	1495.886	P	2129.973	LOC_Os04g03250.1
DG _{HP}	Os036618_01	S6	-2.323	-1.544	P	8401.042	P	1678.926	P	4896.491	LOC_Os04g33830.1
DG _{HP}	Os038003_01	S6	-0.922	0.000	P	752.398	P	397.115	P	372.732	LOC_Os05g42070.1
DG _{HP}	Os038005_01	S6	0.000	-0.985	P	351.267	P	391.043	P	774.229	LOC_Os01g71970.1
DG _{HP}	Os038103_01	S6	0.000	-0.793	P	127.497	P	187.553	P	324.894	LOC_Os10g26670.1
DG _{HP}	Os038144_01	S6	0.000	-0.858	P	139.256	P	149.977	P	271.868	LOC_Os07g39080.1
DG _{HP}	Os038233_01	S6	-1.146	0.000	P	13494.155	P	6097.925	P	9614.029	-
DG _{HP}	Os038407_01	S6	0.000	1.358	P	192.084	P	361.648	P	141.076	LOC_Os09g25690.1
DG _{HP}	Os038408_01	S6	-1.327	0.000	P	1689.034	P	673.348	P	600.252	LOC_Os09g25700.1
DG _{HP}	Os038448_01	S6	1.174	0.000	P	325.391	P	734.427	P	593.978	LOC_Os11g10890.1
DG _{HP}	Os038478_01	S6	-1.412	0.000	P	531.536	P	199.686	P	299.763	LOC_Os01g44390.1
DG _{HP}	Os038480_01	S6	-1.060	0.000	P	1501.286	P	719.828	P	1134.233	LOC_Os01g44370.1
DG _{HP}	Os038619_01	S6	-1.425	0.000	P	793.594	P	295.611	P	309.174	-
DG _{HP}	Os038695_01	S6	1.105	0.000	P	154.038	P	331.377	P	470.713	-
DG _{HP}	Os038729_01	S6	1.197	0.000	P	400.582	P	918.608	P	700.255	LOC_Os05g07880.2
DG _{HP}	Os038872_01	S6	-0.978	0.000	P	573.762	P	291.312	P	221.420	LOC_Os12g12590.1
DG _{HP}	Os039150_01	S6	-0.984	10.000	P	394.638	P	199.492	A	53.757	LOC_Os02g18070.1
DG _{HP}	Os039503_01	S6	0.992	0.000	P	88.916	P	176.793	P	149.587	-
DG _{HP}	Os039580_01	S6	-1.488	10.000	P	852.816	P	304.053	A	55.119	LOC_Os02g40180.1
DG _{HP}	Os039696_01	S6	0.000	1.030	P	307.747	P	380.346	P	186.312	LOC_Os07g26900.1
DG _{HP}	Os039971_01	S6	1.823	2.246	P	560.642	P	1982.997	P	417.898	LOC_Os10g26330.1
DG _{HP}	Os040328_01	S6	0.000	-1.309	P	128.360	P	210.649	P	521.885	LOC_Os05g31400.1
DG _{HP}	Os040799_01	S6	1.263	0.000	P	341.779	P	820.162	P	645.033	LOC_Os10g25410.1
DG _{HP}	Os041632_01	S6	1.088	0.000	P	155.659	P	330.934	P	460.310	-
DG _{HP}	Os041875_01	S6	-0.972	0.000	P	352.526	P	179.658	P	238.378	LOC_Os03g47480.1
DG _{HP}	Os042408_01	S6	-1.838	10.000	P	445.623	P	124.629	A	38.095	LOC_Os09g29040.1
DG _{HP}	Os042442_01	S6	0.958	0.000	P	449.480	P	873.138	P	725.748	LOC_Os01g23990.1
DG _{HP}	Os042527_01	S6	1.026	0.950	P	1033.972	P	2106.218	P	1090.533	LOC_Os05g28840.1
DG _{HP}	Os042725_01	S6	0.000	0.999	P	498.891	P	290.265	P	145.195	LOC_Os07g35740.1
DG _{HP}	Os042918_01	S6	-1.141	0.000	P	983.017	P	445.662	P	641.221	LOC_Os03g31630.1

DG _{HP}	Os043254_01	S6	-0.915	1.116	P	1091.282	P	578.699	P	267.053	LOC_Os09g18070.1
DG _{HP}	Os043506_01	S6	0.979	0.000	P	1560.361	P	3076.214	P	3767.608	LOC_Os07g35880.1
DG _{HP}	Os043618_01	S6	1.246	0.000	P	322.821	P	765.590	P	502.164	-
DG _{HP}	Os043740_01	S6	-1.430	-0.936	P	6581.831	P	2443.217	P	4673.408	LOC_Os04g11956.1
DG _{HP}	Os043803_01	S6	0.000	1.462	P	393.195	P	419.599	P	152.355	LOC_Os04g20280.1
DG _{HP}	Os044009_01	S6	-1.156	-1.262	P	976.310	P	438.128	P	1050.476	LOC_Os03g42200.1
DG _{HP}	Os044136_01	S6	-0.971	0.000	P	574.352	P	293.040	P	482.137	-
DG _{HP}	Os044170_01	S6	0.000	1.367	P	1363.415	P	818.623	P	317.338	LOC_Os01g40200.1
DG _{HP}	Os044239_01	S6	-1.231	0.000	P	17431.737	P	7425.924	P	11011.481	LOC_Os06g47690.1
DG _{HP}	Os044283_01	S6	10.000	-1.154	A	35.261	P	338.468	P	753.046	-
DG _{HP}	Os044300_01	S6	-0.918	1.388	P	28043.626	P	14837.351	P	5668.032	LOC_Os05g11320.1
DG _{HP}	Os044585_01	S6	0.000	1.768	P	1065.869	P	606.276	P	177.972	LOC_Os05g14360.1
DG _{HP}	Os044913_01	S6	1.091	0.000	P	317.196	P	675.675	P	550.758	LOC_Os02g27300.1
DG _{HP}	Os044943_01	S6	1.025	0.000	P	2065.793	P	4203.118	P	5129.766	LOC_Os07g47750.1
DG _{HP}	Os045112_01	S6	0.000	1.844	P	1012.676	P	623.743	P	173.707	-
DG _{HP}	Os045347_01	S6	2.099	-1.003	P	107.935	P	462.411	P	926.753	LOC_Os06g18120.1
DG _{HP}	Os045398_01	S6	0.980	0.000	P	112.682	P	222.240	P	255.839	LOC_Os12g25450.1
DG _{HP}	Os045461_01	S6	-1.226	-1.168	P	3383.837	P	1446.282	P	3250.582	LOC_Os05g48630.2
DG _{HP}	Os045474_01	S6	0.000	-0.998	P	161.116	P	175.841	P	351.292	LOC_Os06g11610.1
DG _{HP}	Os045565_01	S6	10.000	-0.947	A	78.868	P	534.603	P	1030.802	LOC_Os10g09630.1
DG _{HP}	Os045632_01	S6	-1.058	0.000	P	1614.371	P	775.501	P	594.596	LOC_Os07g18070.1
DG _{HP}	Os045661_01	S6	-1.045	0.000	P	343.298	P	166.390	P	150.586	LOC_Os10g23180.1
DG _{HP}	Os045935_01	S6	0.000	1.541	P	634.745	P	489.853	P	168.347	LOC_Os08g16790.1
DG _{HP}	Os045951_01	S6	1.021	10.000	P	94.808	P	192.375	A	173.680	LOC_Os03g07000.1
DG _{HP}	Os045964_01	S6	1.115	0.000	P	144.436	P	312.767	P	487.065	-
DG _{HP}	Os046147_01	S6	1.266	0.000	P	188.407	P	453.174	P	402.450	LOC_Os03g10280.1
DG _{HP}	Os046324_01	S6	0.924	10.000	P	119.288	P	226.293	A	133.921	LOC_Os12g02420.2
DG _{HP}	Os046711_01	S6	2.086	10.000	P	127.404	P	540.762	A	199.558	-
DG _{HP}	Os046783_01	S6	1.322	-0.840	P	222.162	P	555.576	P	994.794	LOC_Os01g13860.1
DG _{HP}	Os046888_01	S6	1.187	0.000	P	544.406	P	1239.252	P	756.163	LOC_Os03g25460.1
DG _{HP}	Os047140_01	S6	0.000	-0.900	P	6857.839	P	4478.340	P	8357.384	-

DG _{HP}	Os047260_01	S6	0.000	0.930	P	9137.287	P	5527.999	P	2902.040	LOC_Os06g34840.1
DG _{HP}	Os047467_01	S6	-1.041	0.000	P	784.863	P	381.331	P	480.590	LOC_Os08g05160.1
DG _{HP}	Os047473_01	S6	1.939	10.000	P	151.048	P	579.159	A	105.994	LOC_Os02g53570.1
DG _{HP}	Os047560_01	S6	-1.378	0.000	P	1199.446	P	461.453	P	361.576	LOC_Os07g12890.1
DG _{HP}	Os047654_01	S6	0.000	1.038	P	1415.290	P	1398.462	P	681.040	-
DG _{HP}	Os048525_01	S6	-1.409	-1.180	P	3733.193	P	1406.007	P	3185.865	LOC_Os07g14750.1
DG _{HP}	Os048609_01	S6	-0.914	0.000	P	391.417	P	207.761	P	318.109	LOC_Os10g34902.1
DG _{HP}	Os048668_01	S6	-1.365	0.000	P	516.053	P	200.413	P	229.727	LOC_Os06g43740.1
DG _{HP}	Os048713_01	S6	-1.224	-1.045	P	566.258	P	242.414	P	500.092	LOC_Os11g27090.1
DG _{HP}	Os049133_01	S6	10.000	0.993	A	119.943	P	210.883	P	105.961	LOC_Os05g31370.1
DG _{HP}	Os049163_01	S6	1.318	0.000	P	118.221	P	294.700	P	264.099	-
DG _{HP}	Os049499_01	S6	-0.914	0.000	P	457.912	P	243.012	P	222.657	LOC_Os05g27000.1
DG _{HP}	Os049938_01	S6	0.000	-0.814	P	192.137	P	128.676	P	226.210	LOC_Os03g07660.1
DG _{HP}	Os050312_01	S6	-0.980	0.000	P	3750.263	P	1901.726	P	1101.093	-
DG _{HP}	Os050385_01	S6	0.000	0.916	P	678.797	P	400.963	P	212.479	-
DG _{HP}	Os050517_01	S6	-1.357	10.000	P	566.321	P	221.032	A	80.887	LOC_Os12g26490.1
DG _{HP}	Os050787_01	S6	-0.936	0.000	P	1831.800	P	957.674	P	1492.014	LOC_Os03g28980.1
DG _{HP}	Os050925_01	S6	10.000	-0.915	A	179.642	P	188.678	P	355.657	LOC_Os01g61840.1
DG _{HP}	Os051104_01	S6	0.000	0.994	P	854.876	P	741.080	P	372.009	-
DG _{HP}	Os051409_01	S6	0.000	1.114	P	522.929	P	443.958	P	205.062	LOC_Os12g09954.1
DG _{HP}	Os051641_01	S6	0.925	0.000	P	143.939	P	273.363	P	198.862	LOC_Os01g35780.1
DG _{HP}	Os051817_01	S6	0.000	1.562	P	565.195	P	606.927	P	205.601	LOC_Os03g30660.1
DG _{HP}	Os051935_01	S6	1.783	-1.306	P	283.152	P	974.493	P	2409.692	LOC_Os01g15270.1
DG _{HP}	Os051940_01	S6	0.000	-0.850	P	753.829	P	559.379	P	1008.399	LOC_Os10g39410.1
DG _{HP}	Os051951_01	S6	-1.070	-1.039	P	6708.296	P	3196.088	P	6565.445	LOC_Os07g05480.1
DG _{HP}	Os051956_01	S6	-2.714	-1.298	P	8110.108	P	1236.032	P	3039.112	LOC_Os07g37240.1
DG _{HP}	Os051973_01	S6	-1.380	-1.102	P	5343.895	P	2052.958	P	4406.889	LOC_Os01g45274.1
DG _{HP}	Os051981_01	S6	1.311	0.000	P	1389.599	P	3446.689	P	2447.946	LOC_Os11g47809.1
DG _{HP}	Os051998_01	S6	-1.358	-1.102	P	5153.729	P	2010.121	P	4315.887	LOC_Os12g08770.1
DG _{HP}	Os052012_01	S6	0.000	0.920	P	310.252	P	505.933	P	267.390	LOC_Os03g10340.1
DG _{HP}	Os052015_01	S6	-1.037	0.000	P	2207.572	P	1075.473	P	1057.945	LOC_Os03g07300.1

DG _{HP}	Os052018_01	S6	-1.299	0.000	P	20517.911	P	8340.298	P	9894.934	-
DG _{HP}	Os052028_01	S6	-1.059	-1.222	P	2501.265	P	1200.686	P	2800.915	LOC_Os12g23200.1
DG _{HP}	Os052052_01	S6	-0.919	-1.164	P	916.178	P	484.538	P	1086.039	LOC_Os10g37180.1
DG _{HP}	Os052055_01	S6	1.234	0.000	P	171.199	P	402.563	P	357.253	LOC_Os08g41300.1
DG _{HP}	Os052060_01	S6	0.000	0.803	P	1156.329	P	861.146	P	493.458	LOC_Os08g43580.1
DG _{HP}	Os052084_01	S6	0.000	0.911	P	549.872	P	394.280	P	209.736	LOC_Os11g32650.1
DG _{HP}	Os052085_01	S6	-1.886	-0.870	P	3538.549	P	957.189	P	1749.552	LOC_Os07g25430.3
DG _{HP}	Os052148_01	S6	1.019	0.000	P	163.722	P	331.742	P	409.175	-
DG _{HP}	Os052183_01	S6	0.000	0.910	P	246.018	P	190.885	P	101.552	LOC_Os01g66960.1
DG _{HP}	Os052207_01	S6	-0.986	0.000	P	1098.089	P	554.580	P	850.984	LOC_Os01g47330.1
DG _{HP}	Os052214_01	S6	1.980	2.123	P	424.900	P	1676.435	P	384.937	-
DG _{HP}	Os052232_01	S6	0.000	-0.850	P	302.157	P	240.774	P	434.124	LOC_Os02g30630.2
DG _{HP}	Os052281_01	S6	-1.023	0.000	P	2641.230	P	1299.723	P	1539.471	LOC_Os07g46460.1
DG _{HP}	Os052307_01	S6	-1.808	-0.929	P	1557.208	P	444.667	P	846.729	LOC_Os03g31750.1
DG _{HP}	Os052396_01	S6	0.000	-0.837	P	236.459	P	274.714	P	490.877	LOC_Os05g01290.1
DG _{HP}	Os052404_01	S6	0.000	-0.876	P	1634.369	P	1028.657	P	1887.523	LOC_Os06g47220.1
DG _{HP}	Os052558_01	S6	0.000	-0.894	P	340.528	P	281.695	P	523.654	-
DG _{HP}	Os052637_01	S6	0.000	0.874	P	480.852	P	412.565	P	225.115	-
DG _{HP}	Os052672_01	S6	0.959	-0.846	P	136.308	P	265.028	P	476.465	LOC_Os01g62810.2
DG _{HP}	Os052686_01	S6	-1.000	0.000	P	909.323	P	454.506	P	291.290	LOC_Os10g26620.1
DG _{HP}	Os052819_01	S6	0.996	0.000	P	307.653	P	613.662	P	470.698	-
DG _{HP}	Os052823_01	S6	-1.363	0.000	P	3345.283	P	1300.703	P	847.208	LOC_Os02g09460.1
DG _{HP}	Os052943_01	S6	1.281	0.000	P	233.109	P	566.638	P	403.212	LOC_Os01g45570.1
DG _{HP}	Os053523_01	S6	0.000	1.562	P	422.032	P	671.970	P	227.661	LOC_Os02g45520.2
DG _{HP}	Os054035_01	S6	0.000	0.989	P	499.261	P	726.690	P	366.077	-
DG _{HP}	Os054267_01	S6	1.262	0.000	P	515.002	P	1235.009	P	1188.720	-
DG _{HP}	Os054419_01	S6	-1.136	-1.229	P	6807.363	P	3097.796	P	7259.141	LOC_Os01g31690.1
DG _{HP}	Os054429_01	S6	-1.452	10.000	P	379.049	P	138.558	A	118.542	LOC_Os12g38051.1
DG _{HP}	Os054432_01	S6	-0.988	0.000	P	1426.528	P	719.008	P	1042.909	LOC_Os04g58200.1
DG _{HP}	Os054436_01	S6	0.000	-0.917	P	1434.492	P	968.592	P	1829.289	LOC_Os09g39780.2
DG _{HP}	Os054451_01	S6	-1.050	0.000	P	388.768	P	187.786	P	282.428	LOC_Os03g08360.1

DG _{HP}	Os054452_01	S6	-1.479	-1.102	P	5091.410	P	1826.409	P	3919.601	LOC_Os07g04840.1
DG _{HP}	Os054455_01	S6	1.166	0.000	P	175.404	P	393.641	P	345.805	LOC_Os08g03640.1
DG _{HP}	Os054459_01	S6	-0.942	0.000	P	14546.240	P	7570.948	P	10119.666	LOC_Os08g10020.2
DG _{HP}	Os054468_01	S6	-1.267	0.000	P	17623.896	P	7325.414	P	12258.683	LOC_Os04g38600.1
DG _{HP}	Os054472_01	S6	-1.102	0.000	P	6210.730	P	2893.708	P	3798.487	-
DG _{HP}	Os054487_01	S6	-1.140	-1.508	P	1136.509	P	515.823	P	1466.817	LOC_Os06g04020.1
DG _{HP}	Os054533_01	S6	-1.130	-0.852	P	5049.163	P	2306.270	P	4162.142	LOC_Os03g56670.2
DG _{HP}	Os054538_01	S6	-1.681	-1.193	P	1113.146	P	347.145	P	793.882	LOC_Os05g33570.1
DG _{HP}	Os054539_01	S6	-1.040	0.000	P	10505.091	P	5110.034	P	8608.697	LOC_Os09g30340.1
DG _{HP}	Os054577_01	S6	1.430	0.000	P	109.871	P	296.030	P	444.386	LOC_Os04g55920.2
DG _{HP}	Os054583_01	S6	-1.286	0.000	P	2873.431	P	1178.233	P	1581.810	LOC_Os06g04270.1
DG _{HP}	Os054590_01	S6	2.087	1.132	P	260.777	P	1108.060	P	505.436	LOC_Os03g09250.2
DG _{HP}	Os054595_01	S6	1.049	0.000	P	271.426	P	561.540	P	707.675	LOC_Os04g32950.1
DG _{HP}	Os054604_01	S6	0.000	1.484	P	1466.830	P	1901.860	P	679.878	LOC_Os07g39350.1
DG _{HP}	Os054626_01	S6	1.109	0.000	P	179.970	P	388.161	P	312.012	LOC_Os03g22810.1
DG _{HP}	Os054627_01	S6	0.000	1.026	P	1865.317	P	1154.342	P	566.883	LOC_Os01g73940.1
DG _{HP}	Os054653_01	S6	-0.928	0.000	P	1127.851	P	592.839	P	717.257	LOC_Os01g46070.1
DG _{HP}	Os054657_01	S6	0.000	3.563	P	2850.569	P	1872.486	P	158.434	LOC_Os02g13870.1
DG _{HP}	Os054659_01	S6	0.000	1.009	P	653.737	P	730.904	P	363.077	LOC_Os01g07760.2
DG _{HP}	Os054724_01	S6	0.000	0.903	P	338.068	P	336.782	P	180.148	LOC_Os09g35730.1
DG _{HP}	Os054745_01	S6	-0.966	0.000	P	18288.091	P	9362.659	P	9461.447	LOC_Os07g37030.1
DG _{HP}	Os054747_01	S6	0.000	0.993	P	289.458	P	279.754	P	140.558	LOC_Os05g06270.1
DG _{HP}	Os054752_01	S6	-1.105	0.000	P	1161.827	P	540.254	P	525.985	-
DG _{HP}	Os054810_01	S6	0.000	-0.794	P	621.853	P	505.928	P	877.405	LOC_Os01g69950.1
DG _{HP}	Os054826_01	S6	1.079	0.000	P	238.611	P	503.913	P	746.794	LOC_Os01g70210.1
DG _{HP}	Os054912_01	S6	-0.998	0.000	P	1360.730	P	681.376	P	641.062	LOC_Os02g44108.1
DG _{HP}	Os054951_01	S6	0.000	1.005	P	768.888	P	1281.258	P	638.361	LOC_Os01g50700.1
DG _{HP}	Os054983_01	S6	0.000	0.855	P	249.682	P	289.676	P	160.148	LOC_Os05g33310.1
DG _{HP}	Os055024_01	S6	-0.976	0.000	P	829.270	P	421.675	P	314.357	LOC_Os04g53310.1
DG _{HP}	Os055042_01	S6	0.000	0.834	P	754.626	P	690.543	P	387.372	LOC_Os09g06464.1
DG _{HP}	Os055048_01	S6	0.000	0.857	P	311.487	P	273.294	P	150.927	LOC_Os10g42830.1

DG _{HP}	Os055146_01	S6	0.000	0.931	P	582.353	P	364.643	P	191.316	LOC_Os08g39500.1
DG _{HP}	Os055221_01	S6	0.000	-0.986	P	860.985	P	524.286	P	1038.282	LOC_Os12g43380.1
DG _{HP}	Os055225_01	S6	10.000	-0.939	A	71.370	P	132.614	P	254.165	LOC_Os10g40360.1
DG _{HP}	Os055265_01	S6	0.000	0.898	P	460.777	P	420.521	P	225.651	-
DG _{HP}	Os055319_01	S6	1.345	0.000	P	173.818	P	441.662	P	478.664	LOC_Os05g29990.1
DG _{HP}	Os055340_01	S6	0.000	0.988	P	824.235	P	446.595	P	225.130	-
DG _{HP}	Os055567_01	S6	0.000	-0.772	P	1193.717	P	1154.548	P	1971.897	LOC_Os07g46330.1
DG _{HP}	Os055629_01	S6	1.302	0.000	P	242.213	P	597.131	P	780.237	LOC_Os02g02340.1
DG _{HP}	Os055646_01	S6	0.000	1.210	P	492.132	P	363.846	P	157.294	LOC_Os12g29670.1
DG _{HP}	Os055739_02	S6	0.000	0.848	P	567.088	P	734.115	P	407.768	-
DG _{HP}	Os056222_01	S6	-1.424	0.000	P	1381.699	P	514.958	P	746.541	LOC_Os06g01580.1
DG _{HP}	Os056494_02	S6	0.000	-0.769	P	222.048	P	253.612	P	432.209	-
DG _{HP}	Os056792_01	S6	-1.061	0.000	P	876.065	P	419.974	P	443.778	LOC_Os06g08014.1
DG _{HP}	Os056910_02	S6	-1.049	-1.620	P	9118.451	P	4405.926	P	13542.881	LOC_Os08g33820.1
DG _{HP}	Os056918_02	S6	-2.382	0.000	P	2515.655	P	482.528	P	277.822	LOC_Os01g13690.1
DG _{HP}	Os056919_02	S6	0.000	1.276	P	273.819	P	479.609	P	198.112	-
DG _{HP}	Os056920_02	S6	-1.976	-0.956	P	1657.207	P	421.243	P	817.382	-
DG _{HP}	Os056979_02	S6	0.000	1.035	P	1666.189	P	1709.573	P	834.289	LOC_Os11g02300.1
DG _{HP}	Os056989_02	S6	-1.041	-0.773	P	256.800	P	124.792	P	213.312	-
DG _{HP}	Os057047_02	S6	0.000	0.834	P	283.015	P	239.874	P	134.594	LOC_Os04g40080.1
DG _{HP}	Os057161_02	S6	-1.167	0.000	P	970.455	P	432.133	P	378.251	LOC_Os03g62170.1
DG _{HP}	Os057245_02	S6	-0.977	0.000	P	896.953	P	455.790	P	265.105	LOC_Os07g48010.1
DG _{HP}	Os057254_02	S6	-1.678	-1.914	P	14697.286	P	4592.859	P	17311.272	-
DG _{HP}	Os057284_02	S6	0.000	-0.966	P	485.329	P	528.944	P	1033.513	LOC_Os07g02800.3
DG _{HP}	Os057301_02	S6	0.000	-1.093	P	457.420	P	594.138	P	1267.502	LOC_Os03g04710.1
DG _{HP}	GeneID	S5	log2(Ratio(L/9))			log2(Ratio(L/P))		Fw_9311.flag	Fw_9311	Fw_LYP9.flag	Fw_LYP9
	Fw_PA64s.flag		Fw_PA64s			-					
DG _{HP}	Os000041_01	S5	0.000	1.209	P	1285.938	P	1569.857	P	679.054	LOC_Os10g38700.1
DG _{HP}	Os000043_01	S5	1.584	1.538	P	597.207	P	1790.670	P	616.605	LOC_Os10g39150.1
DG _{HP}	Os000169_01	S5	0.000	1.667	P	576.017	P	1144.528	P	360.512	LOC_Os05g40010.1
DG _{HP}	Os000208_01	S5	0.000	-1.267	P	1363.493	P	1043.165	P	2509.912	LOC_Os02g09150.1

DG _{HP}	Os000367_01	S5	1.356	0.000	P	3444.484	P	8814.896	P	9859.347	LOC_Os06g01850.1
DG _{HP}	Os000380_01	S5	-1.155	0.000	P	853.424	P	383.135	P	456.661	LOC_Os05g47540.1
DG _{HP}	Os000418_01	S5	0.000	1.753	P	644.934	P	1368.031	P	405.772	LOC_Os02g47600.2
DG _{HP}	Os000429_01	S5	0.000	1.376	P	300.581	P	665.128	P	256.285	LOC_Os01g68770.1
DG _{HP}	Os000445_01	S5	0.000	-1.632	P	707.109	P	733.146	P	2272.206	LOC_Os01g37910.1
DG _{HP}	Os000597_01	S5	0.000	1.617	P	299.615	P	597.332	P	194.700	LOC_Os01g72460.1
DG _{HP}	Os000629_01	S5	1.268	0.000	P	385.417	P	928.351	P	1064.635	LOC_Os08g31750.1
DG _{HP}	Os000826_01	S5	0.000	-1.746	P	533.476	P	360.471	P	1208.928	LOC_Os01g68830.1
DG _{HP}	Os000827_01	S5	0.000	-1.187	P	332.551	P	302.381	P	688.262	LOC_Os03g31730.1
DG _{HP}	Os000842_01	S5	-1.958	-2.568	P	5794.237	P	1491.595	P	8847.071	LOC_Os12g33130.1
DG _{HP}	Os000918_01	S5	0.000	-2.443	P	219.222	P	308.890	P	1680.033	LOC_Os11g44960.1
DG _{HP}	Os000963_01	S5	1.222	0.000	P	234.617	P	547.260	P	411.704	LOC_Os03g17050.1
DG _{HP}	Os001355_01	S5	0.000	-1.479	P	4228.247	P	2199.048	P	6128.735	LOC_Os07g48460.1
DG _{HP}	Os001377_01	S5	0.000	1.680	P	1597.113	P	3349.243	P	1045.106	LOC_Os02g06710.1
DG _{HP}	Os001385_01	S5	0.000	-1.947	P	1189.300	P	1232.829	P	4753.491	LOC_Os02g05470.1
DG _{HP}	Os001529_01	S5	1.340	0.000	P	5663.192	P	14332.889	P	8202.230	LOC_Os01g60830.1
DG _{HP}	Os001579_01	S5	1.199	0.000	P	2008.563	P	4611.053	P	2774.732	LOC_Os10g36170.1
DG _{HP}	Os001621_01	S5	1.218	0.000	P	395.008	P	919.181	P	905.786	LOC_Os05g47670.1
DG _{HP}	Os001637_01	S5	0.000	-1.115	P	445.724	P	288.083	P	623.855	LOC_Os09g23110.1
DG _{HP}	Os001790_01	S5	0.000	-1.076	P	1055.485	P	679.447	P	1432.457	LOC_Os09g28510.1
DG _{HP}	Os001830_01	S5	1.248	0.000	P	352.152	P	836.590	P	677.020	LOC_Os03g15590.1
DG _{HP}	Os001838_01	S5	0.000	-1.263	P	653.622	P	435.138	P	1044.204	LOC_Os03g04440.1
DG _{HP}	Os001842_01	S5	0.000	1.692	P	431.780	P	865.456	P	267.802	-
DG _{HP}	Os001884_01	S5	1.369	2.198	P	311.639	P	804.886	P	175.368	LOC_Os03g60580.1
DG _{HP}	Os001903_01	S5	-1.307	10.000	P	504.498	P	203.899	A	89.075	LOC_Os01g68290.1
DG _{HP}	Os001934_01	S5	10.000	-1.532	A	125.735	P	463.474	P	1340.442	-
DG _{HP}	Os001981_01	S5	0.000	1.208	P	712.455	P	614.265	P	265.920	LOC_Os02g45920.1
DG _{HP}	Os002395_01	S5	0.000	-1.225	P	548.742	P	387.170	P	905.339	-
DG _{HP}	Os002417_01	S5	1.931	0.000	P	188.532	P	718.971	P	517.871	LOC_Os06g10780.1
DG _{HP}	Os002451_01	S5	1.371	0.000	P	164.314	P	424.904	P	336.168	LOC_Os01g47730.1
DG _{HP}	Os002553_01	S5	0.000	-1.220	P	271.712	P	235.694	P	549.053	LOC_Os06g45580.1

DG _{HP}	Os002801_01	S5	1.579	0.000	P	523.877	P	1565.525	P	2588.921	LOC_Os02g57340.1
DG _{HP}	Os003908_01	S5	1.611	10.000	P	193.245	P	590.365	A	618.815	LOC_Os06g36590.1
DG _{HP}	Os003989_01	S5	1.440	2.107	P	2726.397	P	7399.790	P	1717.802	LOC_Os07g32570.1
DG _{HP}	Os004097_01	S5	0.000	-1.165	P	261.677	P	183.385	P	411.072	LOC_Os12g12934.1
DG _{HP}	Os004223_01	S5	-1.084	0.000	P	482.561	P	227.619	P	268.651	LOC_Os08g33200.1
DG _{HP}	Os004287_01	S5	0.000	1.262	P	508.519	P	478.791	P	199.586	LOC_Os03g28140.1
DG _{HP}	Os004399_01	S5	-1.201	10.000	P	1230.260	P	535.150	A	88.616	LOC_Os02g40180.1
DG _{HP}	Os005159_01	S5	0.000	2.072	P	260.887	P	580.882	P	138.154	-
DG _{HP}	Os005642_01	S5	0.000	1.387	P	302.417	P	366.143	P	140.043	-
DG _{HP}	Os006070_01	S5	0.000	1.266	P	2084.815	P	2716.678	P	1129.637	LOC_Os01g40094.1
DG _{HP}	Os006546_02	S5	0.000	1.218	P	475.954	P	827.904	P	355.784	-
DG _{HP}	Os006733_01	S5	-1.258	0.000	P	697.403	P	291.700	P	318.008	LOC_Os03g63330.1
DG _{HP}	Os007109_01	S5	1.525	0.000	P	243.681	P	701.051	P	924.612	LOC_Os05g25080.1
DG _{HP}	Os007196_01	S5	0.000	1.751	P	325.091	P	538.728	P	160.048	LOC_Os05g38290.1
DG _{HP}	Os007263_01	S5	-1.662	-1.847	P	7393.602	P	2336.425	P	8404.349	LOC_Os12g33150.1
DG _{HP}	Os007477_01	S5	1.185	0.000	P	221.778	P	504.306	P	869.085	LOC_Os09g27230.1
DG _{HP}	Os007500_01	S5	1.385	0.000	P	228.031	P	595.484	P	1155.529	LOC_Os07g41190.1
DG _{HP}	Os008101_01	S5	0.000	-1.459	P	509.114	P	522.737	P	1437.192	LOC_Os01g48380.1
DG _{HP}	Os008169_01	S5	-1.177	0.000	P	3841.886	P	1699.681	P	951.132	LOC_Os02g40240.2
DG _{HP}	Os008199_01	S5	0.000	-3.026	P	558.484	P	356.629	P	2904.364	LOC_Os11g44990.1
DG _{HP}	Os008213_01	S5	0.000	-1.246	P	222.015	P	171.287	P	406.302	LOC_Os05g05040.1
DG _{HP}	Os008355_02	S5	0.000	-1.318	P	241.081	P	142.243	P	354.579	-
DG _{HP}	Os008439_01	S5	-1.477	10.000	P	921.770	P	331.096	A	453.487	LOC_Os07g44740.1
DG _{HP}	Os008450_01	S5	0.000	2.197	P	869.995	P	1100.703	P	240.123	LOC_Os01g67980.1
DG _{HP}	Os008548_01	S5	0.000	1.373	P	336.902	P	575.287	P	222.167	LOC_Os03g02190.1
DG _{HP}	Os008602_01	S5	0.000	1.902	P	1178.847	P	1553.034	P	415.633	LOC_Os05g06920.1
DG _{HP}	Os008612_01	S5	0.000	-1.452	P	187.113	P	145.868	P	398.974	LOC_Os03g61030.2
DG _{HP}	Os008618_01	S5	1.826	0.000	P	474.699	P	1683.585	P	1087.735	LOC_Os04g54640.1
DG _{HP}	Os008635_01	S5	1.449	0.000	P	901.129	P	2460.307	P	1765.315	LOC_Os02g55140.1
DG _{HP}	Os008644_01	S5	1.578	0.000	P	354.733	P	1059.360	P	1605.732	LOC_Os02g41520.1
DG _{HP}	Os008682_01	S5	0.000	-1.199	P	234.351	P	191.427	P	439.431	LOC_Os07g11280.2

DG _{HP}	Os008707_01	S5	0.000	-1.275	P	189.860	P	163.824	P	396.538	LOC_Os03g13730.1
DG _{HP}	Os008754_01	S5	0.000	-1.548	P	1327.972	P	1139.789	P	3332.497	LOC_Os06g02490.1
DG _{HP}	Os008761_01	S5	2.892	2.528	P	265.895	P	1974.034	P	342.205	LOC_Os02g32580.1
DG _{HP}	Os008785_01	S5	1.282	0.000	P	379.355	P	922.740	P	982.981	LOC_Os04g35300.1
DG _{HP}	Os008826_01	S5	0.000	-1.167	P	316.451	P	207.801	P	466.711	LOC_Os01g69060.2
DG _{HP}	Os008851_01	S5	0.000	1.236	P	2079.491	P	1669.590	P	708.646	LOC_Os01g11710.1
DG _{HP}	Os008878_01	S5	-1.329	-2.410	P	809.887	P	322.282	P	1712.884	LOC_Os08g06280.2
DG _{HP}	Os008888_01	S5	0.000	-1.355	P	239.571	P	151.708	P	388.170	LOC_Os03g43420.1
DG _{HP}	Os008896_01	S5	0.000	-1.156	P	199.509	P	200.216	P	446.299	LOC_Os04g51520.1
DG _{HP}	Os008962_01	S5	1.372	10.000	P	192.443	P	497.962	A	660.117	-
DG _{HP}	Os009003_01	S5	1.433	0.000	P	404.485	P	1092.310	P	1470.908	LOC_Os08g09340.1
DG _{HP}	Os009004_01	S5	0.000	1.262	P	336.815	P	450.886	P	187.956	LOC_Os06g48620.1
DG _{HP}	Os009024_01	S5	0.000	-1.536	P	618.171	P	320.805	P	930.541	LOC_Os07g08710.2
DG _{HP}	Os009082_01	S5	1.412	0.000	P	231.136	P	615.031	P	830.745	LOC_Os04g42430.2
DG _{HP}	Os009089_01	S5	1.604	0.000	P	137.595	P	418.396	P	236.325	LOC_Os04g38940.1
DG _{HP}	Os009107_01	S5	1.622	0.000	P	216.685	P	666.991	P	841.538	LOC_Os02g50130.1
DG _{HP}	Os009115_01	S5	0.000	1.209	P	436.040	P	395.323	P	170.947	LOC_Os04g39440.2
DG _{HP}	Os009192_01	S5	0.000	1.485	P	475.996	P	600.807	P	214.706	LOC_Os01g50460.1
DG _{HP}	Os009222_01	S5	0.000	1.475	P	667.039	P	1119.869	P	402.792	LOC_Os02g56900.1
DG _{HP}	Os009518_01	S5	-1.178	-2.650	P	4334.543	P	1915.497	P	12024.392	LOC_Os01g73250.1
DG _{HP}	Os009547_01	S5	0.000	-2.016	P	330.134	P	259.806	P	1051.139	LOC_Os01g13570.1
DG _{HP}	Os009556_01	S5	0.000	1.904	P	4130.344	P	7187.572	P	1920.168	LOC_Os03g59320.1
DG _{HP}	Os009578_01	S5	0.000	1.207	P	670.147	P	1201.550	P	520.586	LOC_Os12g44370.1
DG _{HP}	Os009604_01	S5	0.000	-1.449	P	1257.914	P	670.796	P	1831.144	LOC_Os07g43810.1
DG _{HP}	Os009664_01	S5	0.000	1.214	P	596.932	P	923.191	P	398.018	LOC_Os03g04470.1
DG _{HP}	Os009673_01	S5	1.424	10.000	P	297.557	P	798.690	A	1184.187	LOC_Os11g27370.1
DG _{HP}	Os009705_01	S5	0.000	2.151	P	522.010	P	899.189	P	202.432	LOC_Os03g05280.1
DG _{HP}	Os009784_01	S5	1.282	0.000	P	251.193	P	610.693	P	1031.693	LOC_Os07g29794.1
DG _{HP}	Os009787_01	S5	3.389	0.000	P	448.838	P	4702.046	P	2721.891	LOC_Os07g23120.1
DG _{HP}	Os009883_01	S5	0.000	-1.323	P	5848.265	P	3905.959	P	9772.773	LOC_Os02g51080.1
DG _{HP}	Os010002_01	S5	0.000	1.770	P	33170.693	P	51076.351	P	14971.466	LOC_Os01g54210.1

DG _{HP}	Os010034_01	S5	0.000	1.236	P	949.854	P	841.175	P	357.171	LOC_Os01g68940.1
DG _{HP}	Os010111_01	S5	1.736	0.000	P	215.242	P	716.863	P	312.610	LOC_Os05g47530.1
DG _{HP}	Os010141_01	S5	0.000	-1.234	P	318.063	P	403.821	P	949.877	-
DG _{HP}	Os010235_01	S5	1.272	1.459	P	686.729	P	1657.959	P	602.958	LOC_Os06g10130.1
DG _{HP}	Os010356_01	S5	1.827	2.243	P	1394.251	P	4947.839	P	1045.373	-
DG _{HP}	Os010477_01	S5	0.000	1.470	P	2039.709	P	997.689	P	360.172	-
DG _{HP}	Os010484_01	S5	0.000	-1.349	P	2079.193	P	1090.979	P	2779.372	-
DG _{HP}	Os010488_01	S5	0.000	1.354	P	4033.402	P	6944.735	P	2716.892	-
DG _{HP}	Os010490_01	S5	-1.401	-2.431	P	1509.459	P	571.625	P	3082.726	LOC_Os03g49480.1
DG _{HP}	Os010510_01	S5	0.000	-1.237	P	274.417	P	203.956	P	480.897	-
DG _{HP}	Os010642_01	S5	0.000	1.303	P	2296.653	P	1961.693	P	795.016	LOC_Os02g32570.1
DG _{HP}	Os010804_01	S5	0.000	1.973	P	621.196	P	1199.204	P	305.425	LOC_Os02g54140.1
DG _{HP}	Os010863_01	S5	1.670	1.501	P	205.775	P	654.833	P	231.375	LOC_Os02g43330.1
DG _{HP}	Os010924_01	S5	0.000	1.534	P	584.187	P	1273.820	P	439.993	LOC_Os09g39940.1
DG _{HP}	Os010927_01	S5	2.245	10.000	P	245.671	P	1164.583	A	142.503	-
DG _{HP}	Os010942_01	S5	0.000	1.497	P	646.200	P	891.005	P	315.644	LOC_Os06g44180.1
DG _{HP}	Os010948_01	S5	-2.262	-1.689	P	1380.792	P	287.852	P	928.334	LOC_Os03g03724.2
DG _{HP}	Os011007_01	S5	-1.308	0.000	P	610.572	P	246.649	P	465.185	LOC_Os08g43190.2
DG _{HP}	Os011281_01	S5	1.264	0.000	P	126.021	P	302.678	P	319.726	LOC_Os06g43790.1
DG _{HP}	Os011457_01	S5	0.000	-1.648	P	189.783	P	135.145	P	423.655	LOC_Os05g47880.1
DG _{HP}	Os011512_01	S5	2.094	0.000	P	261.927	P	1118.425	P	868.133	LOC_Os07g41370.1
DG _{HP}	Os011563_01	S5	10.000	1.368	A	105.750	P	461.461	P	178.825	LOC_Os03g13810.1
DG _{HP}	Os011578_01	S5	1.692	0.000	P	2388.955	P	7717.319	P	6208.875	LOC_Os03g38730.1
DG _{HP}	Os011601_01	S5	0.000	-1.223	P	145.092	P	163.696	P	381.995	LOC_Os08g41990.1
DG _{HP}	Os011617_01	S5	0.000	-1.373	P	463.515	P	489.670	P	1268.450	LOC_Os07g04990.2
DG _{HP}	Os011642_01	S5	1.483	0.000	P	327.510	P	915.598	P	667.187	LOC_Os10g11140.1
DG _{HP}	Os011643_01	S5	1.545	0.000	P	128.869	P	375.956	P	213.676	LOC_Os06g14420.1
DG _{HP}	Os011647_01	S5	1.690	0.000	P	300.805	P	970.299	P	472.159	LOC_Os02g51020.1
DG _{HP}	Os011660_01	S5	1.493	0.000	P	1225.279	P	3447.648	P	4417.228	LOC_Os06g45820.1
DG _{HP}	Os011662_01	S5	0.000	-1.782	P	2151.089	P	1660.779	P	5710.502	LOC_Os07g34570.2
DG _{HP}	Os011667_01	S5	0.000	1.236	P	1834.736	P	907.206	P	385.072	LOC_Os01g60430.1

DG _{HP}	Os011733_01	S5	1.758	0.000	P	1414.719	P	4784.119	P	4297.251	LOC_Os06g51029.1
DG _{HP}	Os011734_01	S5	1.257	0.000	P	238.804	P	570.647	P	305.867	LOC_Os08g35620.1
DG _{HP}	Os011767_01	S5	0.000	-1.479	P	573.110	P	427.729	P	1192.606	LOC_Os06g09679.2
DG _{HP}	Os011776_01	S5	1.316	0.000	P	172.970	P	430.505	P	482.945	LOC_Os06g09330.1
DG _{HP}	Os011780_01	S5	1.449	0.000	P	135.431	P	369.711	P	296.447	LOC_Os01g66300.1
DG _{HP}	Os011824_01	S5	10.000	-1.648	A	127.966	P	220.144	P	689.916	LOC_Os09g27420.1
DG _{HP}	Os011849_01	S5	0.000	2.011	P	505.227	P	485.088	P	120.363	LOC_Os09g36230.1
DG _{HP}	Os011859_01	S5	1.455	0.000	P	221.460	P	607.069	P	555.079	LOC_Os11g08670.1
DG _{HP}	Os011915_01	S5	0.000	-1.141	P	921.947	P	1224.187	P	2699.366	LOC_Os05g49800.1
DG _{HP}	Os011930_01	S5	1.432	0.000	P	213.811	P	576.833	P	450.050	LOC_Os08g38460.1
DG _{HP}	Os011942_01	S5	1.184	0.000	P	504.249	P	1145.744	P	913.011	LOC_Os02g57620.1
DG _{HP}	Os011961_01	S5	1.324	10.000	P	105.796	P	264.888	A	101.097	LOC_Os01g51290.2
DG _{HP}	Os011973_01	S5	0.000	-1.213	P	224.026	P	239.103	P	554.283	LOC_Os09g25760.1
DG _{HP}	Os012032_01	S5	0.000	-1.291	P	284.847	P	220.563	P	539.789	LOC_Os06g39370.1
DG _{HP}	Os012058_01	S5	1.461	0.000	P	105.455	P	290.356	P	220.445	LOC_Os01g25990.1
DG _{HP}	Os012159_01	S5	10.000	-1.187	A	101.487	P	194.905	P	443.813	LOC_Os12g01140.1
DG _{HP}	Os012349_01	S5	0.000	-1.164	P	572.270	P	455.642	P	1021.300	LOC_Os03g61220.1
DG _{HP}	Os012355_01	S5	-1.324	0.000	P	968.240	P	386.729	P	659.668	LOC_Os06g10650.1
DG _{HP}	Os012417_01	S5	0.000	-1.658	P	250.357	P	261.644	P	825.813	LOC_Os04g47360.1
DG _{HP}	Os012487_01	S5	0.000	-1.438	P	3799.975	P	2065.971	P	5597.069	LOC_Os07g29410.1
DG _{HP}	Os012505_01	S5	1.518	1.417	P	179.189	P	513.230	P	192.220	LOC_Os04g48390.1
DG _{HP}	Os012543_01	S5	1.519	0.000	P	253.671	P	726.839	P	550.687	LOC_Os05g07632.1
DG _{HP}	Os012563_01	S5	0.000	-1.234	P	836.702	P	1117.782	P	2629.447	LOC_Os12g12850.2
DG _{HP}	Os012603_01	S5	1.199	1.343	P	1776.706	P	4079.517	P	1607.999	LOC_Os08g45190.1
DG _{HP}	Os012754_01	S5	10.000	-1.092	A	124.827	P	304.050	P	648.139	LOC_Os03g45400.1
DG _{HP}	Os012774_01	S5	0.000	-1.242	P	212.314	P	171.648	P	405.962	LOC_Os04g20164.2
DG _{HP}	Os012829_01	S5	1.192	-1.560	P	202.432	P	462.623	P	1364.366	LOC_Os01g18630.1
DG _{HP}	Os012841_01	S5	1.922	0.000	P	276.958	P	1049.319	P	1293.527	LOC_Os05g16430.1
DG _{HP}	Os012869_01	S5	-1.086	0.000	P	1259.690	P	593.290	P	822.274	LOC_Os02g08230.1
DG _{HP}	Os012870_01	S5	1.489	0.000	P	258.332	P	725.028	P	793.571	LOC_Os03g03670.1
DG _{HP}	Os012876_01	S5	1.318	0.000	P	663.491	P	1653.729	P	1995.497	LOC_Os05g50550.1

DG _{HP}	Os012910_01	S5	1.750	0.000	P	340.312	P	1144.547	P	1404.248	LOC_Os12g38170.1
DG _{HP}	Os012917_01	S5	1.206	0.000	P	236.410	P	545.251	P	651.281	LOC_Os01g22520.1
DG _{HP}	Os012921_01	S5	1.656	0.000	P	954.789	P	3009.029	P	2920.771	LOC_Os04g56240.1
DG _{HP}	Os012945_01	S5	1.275	0.000	P	171.241	P	414.530	P	424.136	LOC_Os03g60120.1
DG _{HP}	Os012959_01	S5	0.000	-1.110	P	177.519	P	150.522	P	324.958	LOC_Os02g51410.1
DG _{HP}	Os013059_01	S5	1.531	0.000	P	184.051	P	531.945	P	450.539	LOC_Os03g06630.1
DG _{HP}	Os013071_01	S5	0.000	1.241	P	292.008	P	294.377	P	124.579	LOC_Os10g04429.1
DG _{HP}	Os013145_01	S5	1.823	0.000	P	339.961	P	1202.910	P	1067.217	LOC_Os02g38820.1
DG _{HP}	Os013289_01	S5	0.000	-1.104	P	173.517	P	198.432	P	426.563	LOC_Os09g17600.3
DG _{HP}	Os013297_01	S5	10.000	-1.066	A	131.417	P	262.460	P	549.321	LOC_Os01g56200.1
DG _{HP}	Os013316_01	S5	10.000	-1.443	A	104.583	P	207.748	P	564.650	LOC_Os03g20640.1
DG _{HP}	Os013325_01	S5	1.208	0.000	P	157.597	P	364.129	P	500.545	LOC_Os08g39860.2
DG _{HP}	Os013346_01	S5	10.000	1.516	A	84.927	P	544.232	P	190.250	LOC_Os04g51610.1
DG _{HP}	Os013356_01	S5	1.856	-1.492	P	186.933	P	676.535	P	1903.027	LOC_Os07g40974.1
DG _{HP}	Os013389_01	S5	1.336	0.000	P	547.215	P	1381.199	P	1165.631	LOC_Os09g36220.1
DG _{HP}	Os013398_01	S5	0.000	-1.445	P	636.572	P	480.359	P	1307.615	LOC_Os03g20700.2
DG _{HP}	Os013426_01	S5	0.000	-1.173	P	376.294	P	843.536	P	1902.172	LOC_Os12g35630.1
DG _{HP}	Os013432_01	S5	2.352	0.000	P	145.954	P	745.364	P	402.921	-
DG _{HP}	Os013439_01	S5	1.342	0.000	P	123.407	P	312.925	P	187.149	LOC_Os02g02770.1
DG _{HP}	Os013447_01	S5	-1.318	1.407	P	1848.274	P	741.169	P	279.587	LOC_Os02g34600.1
DG _{HP}	Os013456_01	S5	1.469	0.000	P	290.381	P	804.074	P	918.796	LOC_Os05g38640.1
DG _{HP}	Os013650_01	S5	1.195	0.000	P	180.492	P	413.265	P	807.942	LOC_Os02g22780.1
DG _{HP}	Os013659_01	S5	1.238	0.000	P	301.389	P	711.128	P	375.959	LOC_Os03g60080.1
DG _{HP}	Os013716_01	S5	0.000	-1.076	P	324.700	P	211.685	P	446.209	LOC_Os05g51240.1
DG _{HP}	Os013733_01	S5	1.284	0.000	P	409.568	P	997.619	P	716.533	LOC_Os05g04620.1
DG _{HP}	Os013891_01	S5	1.391	0.000	P	161.292	P	423.044	P	405.223	LOC_Os12g18110.1
DG _{HP}	Os013935_01	S5	1.190	0.000	P	732.131	P	1670.284	P	1697.857	LOC_Os03g63480.2
DG _{HP}	Os013937_01	S5	0.000	-1.149	P	685.503	P	761.777	P	1689.152	LOC_Os05g07860.1
DG _{HP}	Os013976_01	S5	0.000	-1.073	P	1614.997	P	1671.534	P	3516.280	LOC_Os10g35370.2
DG _{HP}	Os013983_01	S5	1.431	0.000	P	108.127	P	291.588	P	226.242	LOC_Os01g47350.1
DG _{HP}	Os014001_01	S5	1.634	0.000	P	520.156	P	1614.786	P	1336.709	-

DG _{HP}	Os014087_01	S5	0.000	-1.110	P	650.340	P	773.282	P	1669.089	-
DG _{HP}	Os014192_01	S5	1.426	0.000	P	419.376	P	1126.932	P	1342.100	LOC_Os03g20790.1
DG _{HP}	Os014200_01	S5	0.000	-1.298	P	273.233	P	244.504	P	601.099	LOC_Os03g52680.1
DG _{HP}	Os014203_01	S5	10.000	-1.548	A	113.086	P	166.161	P	485.754	LOC_Os12g25180.1
DG _{HP}	Os014249_01	S5	10.000	-1.925	A	203.324	P	358.352	P	1360.822	LOC_Os06g28194.1
DG _{HP}	Os014255_01	S5	0.000	-1.861	P	312.668	P	241.686	P	878.114	LOC_Os03g52690.1
DG _{HP}	Os014285_01	S5	1.216	0.000	P	467.758	P	1086.867	P	2223.613	LOC_Os08g14440.2
DG _{HP}	Os014301_01	S5	1.258	0.000	P	577.708	P	1382.102	P	781.939	-
DG _{HP}	Os014320_01	S5	1.726	0.000	P	357.867	P	1184.174	P	1554.781	LOC_Os03g17570.3
DG _{HP}	Os014326_01	S5	1.234	0.000	P	150.058	P	352.866	P	332.855	LOC_Os07g13530.1
DG _{HP}	Os014364_01	S5	0.000	-3.668	P	574.168	P	423.839	P	5386.469	LOC_Os01g45914.1
DG _{HP}	Os014442_01	S5	1.301	2.056	P	342.990	P	845.208	P	203.198	LOC_Os04g53190.2
DG _{HP}	Os014456_01	S5	1.228	0.000	P	118.601	P	277.843	P	218.931	LOC_Os01g64650.3
DG _{HP}	Os014473_01	S5	0.000	-1.065	P	456.439	P	473.219	P	990.166	LOC_Os01g48990.1
DG _{HP}	Os014538_01	S5	1.361	0.000	P	1496.592	P	3842.933	P	6820.393	LOC_Os06g51220.4
DG _{HP}	Os014717_01	S5	2.428	0.000	P	707.821	P	3808.980	P	1916.763	LOC_Os06g21380.1
DG _{HP}	Os014730_01	S5	-1.076	0.000	P	873.169	P	414.249	P	227.776	LOC_Os01g59350.2
DG _{HP}	Os014758_01	S5	0.000	-1.130	P	198.237	P	220.375	P	482.270	LOC_Os01g13120.1
DG _{HP}	Os014760_01	S5	1.592	0.000	P	682.099	P	2056.917	P	946.205	LOC_Os04g37710.1
DG _{HP}	Os014800_01	S5	1.861	0.000	P	183.588	P	666.979	P	347.701	LOC_Os05g50560.1
DG _{HP}	Os014816_01	S5	10.000	1.218	A	102.535	P	282.667	P	121.505	LOC_Os03g16170.1
DG _{HP}	Os014849_01	S5	0.000	-1.474	P	268.163	P	286.771	P	796.896	LOC_Os06g04510.1
DG _{HP}	Os015095_01	S5	0.000	-2.124	P	199.667	P	264.165	P	1151.335	LOC_Os01g73450.1
DG _{HP}	Os015303_01	S5	1.655	0.000	P	256.634	P	808.033	P	1285.407	LOC_Os04g37690.1
DG _{HP}	Os015340_01	S5	1.335	0.000	P	505.897	P	1276.684	P	1252.690	-
DG _{HP}	Os015378_01	S5	0.000	1.626	P	449.111	P	463.261	P	150.121	LOC_Os12g39970.4
DG _{HP}	Os015676_01	S5	0.000	-1.195	P	306.694	P	246.937	P	565.340	LOC_Os06g47640.1
DG _{HP}	Os015702_01	S5	1.411	0.000	P	324.426	P	862.605	P	564.222	LOC_Os01g03310.1
DG _{HP}	Os015728_01	S5	1.321	0.000	P	355.321	P	887.824	P	768.664	LOC_Os01g70520.1
DG _{HP}	Os015790_01	S5	1.232	1.463	P	514.465	P	1208.612	P	438.446	-
DG _{HP}	Os015860_01	S5	1.507	0.000	P	147.879	P	420.313	P	235.589	LOC_Os01g56180.1

DG _{HP}	Os015868_01	S5	1.205	1.249	P	179.480	P	413.657	P	174.048	LOC_Os03g13540.1
DG _{HP}	Os015899_01	S5	0.000	1.709	P	2082.620	P	1168.179	P	357.229	LOC_Os12g42610.1
DG _{HP}	Os015905_01	S5	0.000	-1.125	P	567.032	P	873.868	P	1905.705	LOC_Os08g44290.1
DG _{HP}	Os015910_01	S5	1.859	1.686	P	243.485	P	883.224	P	274.496	LOC_Os01g10250.1
DG _{HP}	Os015957_01	S5	0.000	1.344	P	726.055	P	541.350	P	213.292	LOC_Os05g51780.1
DG _{HP}	Os016013_01	S5	0.000	1.295	P	735.587	P	626.355	P	255.327	LOC_Os06g09540.1
DG _{HP}	Os016057_01	S5	0.000	1.351	P	1287.604	P	1083.911	P	424.794	LOC_Os08g43500.1
DG _{HP}	Os016064_01	S5	1.451	0.000	P	154.365	P	421.915	P	253.399	LOC_Os03g59180.2
DG _{HP}	Os016076_01	S5	-1.154	1.285	P	3598.953	P	1616.797	P	663.617	LOC_Os03g01260.1
DG _{HP}	Os016132_01	S5	1.479	0.000	P	210.114	P	585.859	P	1131.380	LOC_Os04g14190.1
DG _{HP}	Os016227_01	S5	1.469	0.000	P	770.356	P	2133.254	P	1686.775	LOC_Os12g08810.1
DG _{HP}	Os016309_01	S5	1.570	0.000	P	543.461	P	1613.731	P	1709.066	LOC_Os10g28360.1
DG _{HP}	Os016500_01	S5	1.263	0.000	P	1810.264	P	4344.407	P	4187.984	LOC_Os02g57280.1
DG _{HP}	Os016527_01	S5	0.000	1.397	P	405.911	P	349.677	P	132.741	LOC_Os03g60220.1
DG _{HP}	Os016575_01	S5	0.000	-1.150	P	467.455	P	1022.012	P	2267.393	LOC_Os01g40630.1
DG _{HP}	Os016615_01	S5	0.000	-2.244	P	834.222	P	1186.503	P	5621.190	LOC_Os11g05050.2
DG _{HP}	Os016638_01	S5	1.451	0.000	P	206.023	P	563.257	P	578.111	-
DG _{HP}	Os016661_01	S5	1.272	0.000	P	289.977	P	700.196	P	992.199	LOC_Os08g25734.1
DG _{HP}	Os016716_01	S5	1.969	0.000	P	609.111	P	2385.464	P	1633.202	LOC_Os02g10120.1
DG _{HP}	Os016757_01	S5	1.712	1.711	P	268.768	P	880.397	P	268.859	LOC_Os01g62760.1
DG _{HP}	Os016758_01	S5	1.414	0.000	P	260.039	P	693.042	P	517.033	LOC_Os11g32110.4
DG _{HP}	Os016793_01	S5	1.506	1.907	P	192.869	P	547.963	P	146.085	LOC_Os02g52780.1
DG _{HP}	Os016867_01	S5	0.000	-1.313	P	271.398	P	243.897	P	605.921	LOC_Os08g43390.1
DG _{HP}	Os016878_01	S5	1.396	0.000	P	2395.802	P	6304.712	P	4742.440	LOC_Os02g18450.1
DG _{HP}	Os016919_01	S5	3.169	3.644	P	384.618	P	3458.992	P	276.757	LOC_Os02g01590.1
DG _{HP}	Os016921_01	S5	0.000	-1.358	P	167.872	P	195.766	P	501.765	LOC_Os07g47290.1
DG _{HP}	Os017113_01	S5	1.245	0.000	P	360.280	P	854.069	P	1175.449	LOC_Os03g63770.6
DG _{HP}	Os017115_01	S5	1.278	0.000	P	559.488	P	1356.415	P	1920.215	LOC_Os12g42550.1
DG _{HP}	Os017277_01	S5	-1.273	1.572	P	2303.234	P	952.797	P	320.541	LOC_Os01g66510.1
DG _{HP}	Os017305_01	S5	-1.598	1.872	P	2814.602	P	929.550	P	253.864	-
DG _{HP}	Os017376_01	S5	1.801	1.351	P	364.177	P	1269.452	P	497.498	LOC_Os07g48100.1

DG _{HP}	Os017465_01	S5	0.000	-1.971	P	2707.336	P	1349.421	P	5291.228	LOC_Os07g48500.1
DG _{HP}	Os017515_01	S5	10.000	1.347	A	112.634	P	415.705	P	163.440	LOC_Os06g48990.2
DG _{HP}	Os017521_01	S5	0.000	-1.590	P	234.245	P	186.544	P	561.437	LOC_Os06g03720.1
DG _{HP}	Os017708_01	S5	1.252	0.000	P	144.993	P	345.414	P	483.338	-
DG _{HP}	Os017842_01	S5	0.000	-1.333	P	229.912	P	182.341	P	459.488	LOC_Os01g59980.1
DG _{HP}	Os017873_01	S5	10.000	3.003	A	1435.486	P	1287.132	P	160.589	LOC_Os11g25860.1
DG _{HP}	Os017943_01	S5	0.000	1.357	P	727.284	P	1322.413	P	516.310	LOC_Os07g12340.1
DG _{HP}	Os017944_01	S5	0.000	-1.967	P	1843.577	P	2088.748	P	8168.542	LOC_Os04g18090.1
DG _{HP}	Os018037_01	S5	0.000	1.340	P	551.472	P	561.912	P	222.029	LOC_Os02g43790.1
DG _{HP}	Os018138_01	S5	1.614	0.000	P	157.816	P	482.909	P	625.824	LOC_Os10g36000.2
DG _{HP}	Os018201_01	S5	1.632	0.000	P	145.963	P	452.519	P	282.520	LOC_Os07g05570.1
DG _{HP}	Os018221_01	S5	0.000	-2.574	P	307.140	P	155.719	P	927.178	-
DG _{HP}	Os018288_01	S5	1.427	0.000	P	341.153	P	917.001	P	611.798	LOC_Os02g37970.1
DG _{HP}	Os018289_01	S5	1.264	0.000	P	1734.605	P	4165.209	P	3123.834	LOC_Os10g42299.2
DG _{HP}	Os018342_01	S5	0.000	-1.082	P	287.594	P	336.434	P	712.244	LOC_Os03g06620.1
DG _{HP}	Os018393_01	S5	1.345	0.000	P	1191.452	P	3027.083	P	2484.542	LOC_Os09g38090.1
DG _{HP}	Os018397_01	S5	0.000	-2.122	P	142.125	P	156.181	P	679.924	LOC_Os08g04450.4
DG _{HP}	Os018414_01	S5	-1.079	-1.730	P	515.735	P	244.080	P	809.834	LOC_Os07g28910.1
DG _{HP}	Os018478_01	S5	1.664	0.000	P	226.005	P	716.163	P	431.205	LOC_Os05g05160.1
DG _{HP}	Os018515_01	S5	0.000	-1.194	P	534.648	P	696.285	P	1593.123	LOC_Os02g43500.2
DG _{HP}	Os018518_01	S5	1.312	0.000	P	188.486	P	467.865	P	432.062	LOC_Os07g38360.2
DG _{HP}	Os018541_01	S5	0.000	-1.431	P	475.239	P	583.875	P	1573.826	LOC_Os06g43660.1
DG _{HP}	Os018714_01	S5	0.000	-1.427	P	257.122	P	278.108	P	747.575	LOC_Os01g53020.1
DG _{HP}	Os018776_01	S5	0.000	-1.432	P	1193.349	P	783.239	P	2113.238	LOC_Os08g03290.1
DG _{HP}	Os018786_01	S5	1.710	1.646	P	178.933	P	585.568	P	187.116	LOC_Os03g16670.1
DG _{HP}	Os018804_01	S5	0.000	1.561	P	722.143	P	434.253	P	147.164	LOC_Os04g40520.1
DG _{HP}	Os018929_01	S5	0.000	-1.375	P	235.402	P	402.742	P	1044.417	LOC_Os01g09540.1
DG _{HP}	Os018940_01	S5	0.000	1.520	P	1193.468	P	844.884	P	294.550	LOC_Os06g49700.2
DG _{HP}	Os018960_01	S5	1.563	0.000	P	2970.030	P	8774.923	P	12830.056	LOC_Os03g52840.1
DG _{HP}	Os018983_01	S5	0.000	-1.664	P	671.961	P	429.862	P	1362.272	LOC_Os04g56160.1
DG _{HP}	Os019004_01	S5	1.287	0.000	P	187.453	P	457.505	P	255.400	LOC_Os10g37340.1

DG _{HP}	Os019026_01	S5	0.000	2.183	P	1093.322	P	658.356	P	144.999	-
DG _{HP}	Os019071_01	S5	0.000	-1.092	P	283.697	P	235.572	P	502.025	LOC_Os02g38840.2
DG _{HP}	Os019111_01	S5	1.362	0.000	P	207.038	P	532.041	P	302.098	LOC_Os07g43330.1
DG _{HP}	Os019113_01	S5	0.000	-1.321	P	434.734	P	397.476	P	992.794	LOC_Os12g17910.1
DG _{HP}	Os019140_01	S5	0.000	-1.206	P	651.254	P	448.774	P	1035.563	-
DG _{HP}	Os019258_01	S5	0.000	2.649	P	1424.743	P	1127.643	P	179.785	LOC_Os03g46190.2
DG _{HP}	Os019275_01	S5	0.000	-1.253	P	234.724	P	219.354	P	522.913	LOC_Os01g69970.1
DG _{HP}	Os019287_01	S5	0.000	-1.881	P	269.977	P	363.239	P	1337.977	LOC_Os01g65080.3
DG _{HP}	Os019597_01	S5	0.000	-2.234	P	262.492	P	179.021	P	842.297	LOC_Os11g10520.1
DG _{HP}	Os019607_01	S5	0.000	-1.847	P	172.358	P	170.567	P	613.592	LOC_Os03g53670.1
DG _{HP}	Os019634_01	S5	0.000	-1.076	P	1372.939	P	814.463	P	1716.969	LOC_Os06g02380.2
DG _{HP}	Os019636_01	S5	1.503	0.000	P	621.383	P	1761.298	P	1317.008	-
DG _{HP}	Os019825_01	S5	1.491	0.000	P	480.148	P	1349.334	P	1631.305	LOC_Os05g34070.1
DG _{HP}	Os020028_01	S5	1.253	0.000	P	331.368	P	789.900	P	736.952	LOC_Os02g03260.1
DG _{HP}	Os020055_01	S5	1.366	0.000	P	116.157	P	299.338	P	158.019	LOC_Os02g47980.1
DG _{HP}	Os020137_01	S5	1.201	0.000	P	318.510	P	732.385	P	1077.991	LOC_Os06g41670.1
DG _{HP}	Os020261_01	S5	1.609	0.000	P	107.851	P	328.926	P	269.122	LOC_Os01g04950.3
DG _{HP}	Os020383_01	S5	-1.080	10.000	P	1789.931	P	846.913	A	204.563	LOC_Os02g50320.1
DG _{HP}	Os020610_01	S5	0.000	-1.292	P	184.850	P	153.478	P	375.712	LOC_Os01g55290.3
DG _{HP}	Os020633_01	S5	0.000	-1.188	P	195.295	P	274.580	P	625.745	LOC_Os09g30120.1
DG _{HP}	Os020653_01	S5	2.133	1.510	P	202.305	P	887.333	P	311.638	LOC_Os11g05990.1
DG _{HP}	Os020732_01	S5	0.000	-1.406	P	245.266	P	200.512	P	531.411	LOC_Os05g05950.1
DG _{HP}	Os020837_01	S5	1.373	0.000	P	204.937	P	530.775	P	570.641	LOC_Os03g43750.1
DG _{HP}	Os020886_01	S5	1.201	0.000	P	140.659	P	323.430	P	289.924	LOC_Os03g59470.1
DG _{HP}	Os020903_01	S5	1.255	0.000	P	689.968	P	1646.476	P	1518.669	LOC_Os03g17870.1
DG _{HP}	Os020962_01	S5	10.000	1.616	A	203.670	P	626.995	P	204.569	LOC_Os10g41930.2
DG _{HP}	Os020969_01	S5	-1.159	0.000	P	1611.947	P	722.117	P	386.560	LOC_Os08g08800.1
DG _{HP}	Os021048_01	S5	0.000	-1.082	P	640.502	P	453.168	P	959.173	LOC_Os01g63270.1
DG _{HP}	Os021156_01	S5	1.357	10.000	P	85.960	P	220.241	A	122.561	LOC_Os12g43720.1
DG _{HP}	Os021165_01	S5	1.339	0.000	P	201.921	P	510.684	P	352.889	LOC_Os05g30140.1
DG _{HP}	Os021180_01	S5	2.016	0.000	P	101.370	P	409.930	P	305.752	LOC_Os01g65410.1

DG _{HP}	Os021391_01	S5	1.336	0.000	P	688.988	P	1739.399	P	2014.911	LOC_Os03g12670.2
DG _{HP}	Os021445_01	S5	1.577	0.000	P	1272.870	P	3796.959	P	1913.529	LOC_Os08g06110.1
DG _{HP}	Os021489_01	S5	-1.266	0.000	P	1100.187	P	457.401	P	296.598	LOC_Os09g36990.1
DG _{HP}	Os021497_01	S5	1.221	0.000	P	374.130	P	871.944	P	900.155	LOC_Os06g40080.1
DG _{HP}	Os021588_01	S5	0.000	-1.336	P	5016.758	P	3928.713	P	9919.577	-
DG _{HP}	Os021645_01	S5	1.794	1.603	P	219.791	P	762.099	P	250.803	LOC_Os01g12810.4
DG _{HP}	Os021689_01	S5	-1.104	0.000	P	5251.987	P	2443.431	P	2223.826	LOC_Os03g21790.1
DG _{HP}	Os021726_01	S5	1.819	1.404	P	615.032	P	2170.178	P	820.279	LOC_Os03g06080.1
DG _{HP}	Os021841_01	S5	-1.417	0.000	P	2577.757	P	965.290	P	521.262	LOC_Os08g36410.1
DG _{HP}	Os021870_01	S5	0.000	-1.785	P	128.790	P	251.443	P	866.334	LOC_Os07g41060.1
DG _{HP}	Os021927_01	S5	-1.093	-1.063	P	442.746	P	207.558	P	433.647	LOC_Os05g32820.1
DG _{HP}	Os021929_01	S5	0.000	1.504	P	291.973	P	493.947	P	174.150	LOC_Os09g30414.1
DG _{HP}	Os021946_01	S5	1.521	0.000	P	759.769	P	2181.022	P	1279.399	LOC_Os05g50930.1
DG _{HP}	Os021978_01	S5	1.310	0.000	P	978.995	P	2427.421	P	3295.495	LOC_Os02g39160.1
DG _{HP}	Os021993_01	S5	10.000	1.669	A	594.459	P	444.219	P	139.724	LOC_Os01g34780.2
DG _{HP}	Os022000_01	S5	0.000	-1.130	P	1541.486	P	1301.759	P	2849.007	LOC_Os10g39410.1
DG _{HP}	Os022133_01	S5	1.433	0.000	P	99.345	P	268.206	P	155.850	LOC_Os03g32170.1
DG _{HP}	Os022142_01	S5	1.626	0.000	P	465.259	P	1436.337	P	706.123	LOC_Os09g31200.1
DG _{HP}	Os022144_01	S5	10.000	-1.125	A	58.825	P	271.465	P	591.932	LOC_Os01g35789.1
DG _{HP}	Os022157_01	S5	1.481	0.000	P	438.939	P	1224.957	P	1069.727	LOC_Os08g33540.1
DG _{HP}	Os022240_01	S5	0.000	-1.351	P	939.735	P	1522.834	P	3884.913	LOC_Os05g13620.1
DG _{HP}	Os022309_01	S5	1.579	0.000	P	337.711	P	1009.118	P	1132.053	LOC_Os05g10670.1
DG _{HP}	Os022480_01	S5	0.000	1.561	P	515.808	P	323.409	P	109.643	LOC_Os01g18220.1
DG _{HP}	Os022866_01	S5	1.488	10.000	P	122.443	P	343.358	A	113.630	LOC_Os07g48830.1
DG _{HP}	Os023050_01	S5	0.000	1.658	P	538.223	P	568.556	P	180.156	LOC_Os06g02330.1
DG _{HP}	Os023056_01	S5	1.562	1.442	P	125.121	P	369.347	P	135.960	LOC_Os04g44530.5
DG _{HP}	Os023251_01	S5	1.388	0.000	P	141.247	P	369.753	P	389.197	-
DG _{HP}	Os023451_01	S5	1.189	0.000	P	436.180	P	994.703	P	499.857	LOC_Os05g33514.1
DG _{HP}	Os023497_01	S5	-1.939	0.000	P	721.248	P	188.145	P	174.756	-
DG _{HP}	Os023508_01	S5	1.839	0.000	P	988.925	P	3539.031	P	2503.083	LOC_Os08g04430.1
DG _{HP}	Os023514_01	S5	0.000	-1.249	P	271.965	P	215.972	P	513.453	LOC_Os05g35050.1

DG _{HP}	Os023589_01	S5	10.000	-1.402	A	138.649	P	545.549	P	1441.504	LOC_Os05g05650.1
DG _{HP}	Os023615_01	S5	1.696	0.000	P	168.403	P	545.604	P	1039.256	-
DG _{HP}	Os023652_01	S5	0.000	1.222	P	393.460	P	341.563	P	146.389	LOC_Os04g52750.1
DG _{HP}	Os023737_01	S5	0.000	1.482	P	1569.171	P	779.228	P	278.951	-
DG _{HP}	Os023774_01	S5	1.742	10.000	P	107.354	P	359.014	A	113.516	LOC_Os09g38320.1
DG _{HP}	Os023831_01	S5	1.504	1.310	P	164.436	P	466.348	P	188.044	LOC_Os08g34240.1
DG _{HP}	Os023923_01	S5	0.000	1.230	P	1209.545	P	652.352	P	278.107	LOC_Os07g18780.1
DG _{HP}	Os023944_01	S5	1.448	0.000	P	134.640	P	367.345	P	168.917	LOC_Os09g28650.1
DG _{HP}	Os023983_01	S5	0.000	-1.072	P	394.851	P	373.065	P	784.076	LOC_Os02g58500.1
DG _{HP}	Os023998_01	S5	-1.084	0.000	P	439.358	P	207.296	P	170.095	LOC_Os08g42570.1
DG _{HP}	Os024079_01	S5	1.330	0.000	P	168.484	P	423.596	P	259.822	LOC_Os07g24230.1
DG _{HP}	Os024100_01	S5	1.372	-1.091	P	142.444	P	368.776	P	785.472	LOC_Os05g03750.1
DG _{HP}	Os024190_01	S5	0.000	-1.059	P	366.402	P	606.354	P	1263.307	LOC_Os01g20160.1
DG _{HP}	Os024221_01	S5	0.000	1.768	P	1414.447	P	899.180	P	264.029	-
DG _{HP}	Os024254_01	S5	0.000	1.370	P	281.824	P	381.351	P	147.536	LOC_Os09g26780.1
DG _{HP}	Os024270_01	S5	0.000	1.243	P	317.755	P	563.322	P	238.033	LOC_Os05g36990.1
DG _{HP}	Os024669_01	S5	-1.373	2.683	P	3280.055	P	1265.972	P	197.163	LOC_Os07g03170.1
DG _{HP}	Os024723_01	S5	-1.254	0.000	P	845.361	P	354.524	P	212.849	LOC_Os11g05490.1
DG _{HP}	Os024767_01	S5	1.653	0.000	P	204.448	P	642.942	P	302.190	LOC_Os03g59360.1
DG _{HP}	Os024796_01	S5	1.209	0.000	P	207.885	P	480.637	P	560.109	LOC_Os02g35500.1
DG _{HP}	Os024798_01	S5	1.250	0.000	P	224.784	P	534.780	P	654.257	LOC_Os05g48800.2
DG _{HP}	Os024813_01	S5	1.579	0.000	P	274.992	P	821.653	P	630.539	LOC_Os06g06560.1
DG _{HP}	Os024863_01	S5	1.488	0.000	P	129.618	P	363.656	P	240.064	LOC_Os03g05800.1
DG _{HP}	Os024919_01	S5	0.000	1.514	P	1718.186	P	1188.550	P	416.153	-
DG _{HP}	Os024959_01	S5	0.000	-1.202	P	923.354	P	755.058	P	1737.016	LOC_Os02g08150.1
DG _{HP}	Os025809_01	S5	0.000	-1.800	P	382.891	P	277.552	P	966.215	LOC_Os09g15230.1
DG _{HP}	Os026266_01	S5	1.486	10.000	P	436.623	P	1222.878	A	1749.183	-
DG _{HP}	Os026390_01	S5	0.000	1.437	P	568.249	P	1211.884	P	447.552	LOC_Os05g25040.2
DG _{HP}	Os026464_01	S5	0.000	1.651	P	1608.410	P	2132.330	P	679.025	LOC_Os09g34100.1
DG _{HP}	Os026558_01	S5	1.578	10.000	P	269.639	P	805.153	A	1058.449	LOC_Os08g42810.1
DG _{HP}	Os026917_01	S5	0.000	1.513	P	10124.574	P	14571.149	P	5106.447	LOC_Os04g52250.1

DG _{HP}	Os026920_01	S5	1.382	10.000	P	401.702	P	1046.795	A	1488.549	LOC_Os07g28290.1
DG _{HP}	Os027379_02	S5	-1.377	0.000	P	4267.882	P	1643.163	P	2073.987	-
DG _{HP}	Os027659_01	S5	-1.417	0.000	P	7052.702	P	2641.402	P	4920.744	LOC_Os02g02890.1
DG _{HP}	Os027678_01	S5	0.000	1.281	P	949.807	P	1161.294	P	478.024	-
DG _{HP}	Os027686_01	S5	0.000	1.577	P	231.451	P	505.836	P	169.604	LOC_Os06g04630.1
DG _{HP}	Os028382_01	S5	0.000	-1.076	P	299.083	P	218.893	P	461.433	LOC_Os06g02580.1
DG _{HP}	Os028407_01	S5	1.667	10.000	P	721.771	P	2291.550	A	2850.369	LOC_Os08g44540.1
DG _{HP}	Os028605_01	S5	-1.245	0.000	P	1912.992	P	807.023	P	547.593	LOC_Os02g06380.1
DG _{HP}	Os028680_01	S5	2.012	0.000	P	198.308	P	800.081	P	1510.062	LOC_Os07g06100.1
DG _{HP}	Os028785_01	S5	0.000	1.317	P	31823.651	P	21200.934	P	8508.819	LOC_Os02g38450.1
DG _{HP}	Os028876_01	S5	1.300	0.000	P	412.653	P	1016.100	P	1399.247	LOC_Os07g40950.1
DG _{HP}	Os029195_01	S5	-1.178	0.000	P	552.937	P	244.383	P	489.340	LOC_Os01g56420.1
DG _{HP}	Os029226_01	S5	0.000	1.331	P	328.329	P	654.902	P	260.301	LOC_Os05g46040.1
DG _{HP}	Os029577_01	S5	0.000	-1.326	P	761.859	P	383.709	P	961.912	LOC_Os05g50340.1
DG _{HP}	Os029694_01	S5	-1.236	0.000	P	1569.632	P	666.608	P	811.132	LOC_Os07g41580.1
DG _{HP}	Os029713_01	S5	0.000	1.687	P	3959.518	P	1962.690	P	609.413	LOC_Os07g30990.1
DG _{HP}	Os030028_01	S5	1.196	0.000	P	323.428	P	740.940	P	1504.726	LOC_Os01g02710.1
DG _{HP}	Os030032_01	S5	0.000	-1.194	P	177.921	P	247.040	P	565.226	LOC_Os06g48560.1
DG _{HP}	Os030167_01	S5	0.000	-1.768	P	266.088	P	223.197	P	760.193	LOC_Os01g18584.1
DG _{HP}	Os030190_01	S5	-1.613	0.000	P	951.767	P	311.200	P	402.938	-
DG _{HP}	Os030789_01	S5	-1.110	10.000	P	5357.315	P	2482.464	A	199.261	LOC_Os01g48600.1
DG _{HP}	Os031095_01	S5	0.000	-1.881	P	190.487	P	143.521	P	528.493	LOC_Os02g13350.1
DG _{HP}	Os031550_01	S5	1.528	0.000	P	268.232	P	773.544	P	942.119	LOC_Os04g10924.1
DG _{HP}	Os031927_01	S5	1.431	1.661	P	706.732	P	1905.262	P	602.521	LOC_Os03g07960.1
DG _{HP}	Os032688_01	S5	2.008	0.000	P	180.626	P	726.505	P	1121.058	LOC_Os07g26500.1
DG _{HP}	Os032700_01	S5	1.742	0.000	P	343.706	P	1149.688	P	1972.215	LOC_Os10g09900.1
DG _{HP}	Os032943_01	S5	1.252	0.000	P	229.459	P	546.359	P	788.142	LOC_Os11g24180.1
DG _{HP}	Os032955_01	S5	1.404	0.000	P	181.957	P	481.567	P	606.403	LOC_Os06g28490.1
DG _{HP}	Os033341_01	S5	1.690	0.000	P	448.925	P	1448.138	P	1982.038	LOC_Os02g34070.1
DG _{HP}	Os033430_01	S5	10.000	-1.172	A	161.926	P	560.254	P	1262.814	LOC_Os10g22630.1
DG _{HP}	Os033536_01	S5	0.000	1.252	P	1115.326	P	780.230	P	327.540	LOC_Os02g13050.1

DG _{HP}	Os033786_01	S5	1.600	2.138	P	243.514	P	738.242	P	167.766	LOC_Os05g05410.1
DG _{HP}	Os034112_01	S5	-1.102	0.000	P	940.166	P	437.919	P	341.793	LOC_Os02g40130.1
DG _{HP}	Os034119_01	S5	1.418	0.000	P	294.623	P	787.228	P	1270.285	LOC_Os04g08080.1
DG _{HP}	Os034125_01	S5	1.266	0.000	P	351.456	P	845.212	P	1388.119	LOC_Os03g08570.1
DG _{HP}	Os034439_01	S5	1.872	0.000	P	998.565	P	3653.890	P	6758.654	LOC_Os03g32570.1
DG _{HP}	Os034475_01	S5	1.548	0.000	P	1008.392	P	2948.839	P	3967.039	LOC_Os08g35310.1
DG _{HP}	Os034833_01	S5	0.000	1.929	P	366.334	P	567.259	P	149.009	LOC_Os10g35070.4
DG _{HP}	Os034849_01	S5	1.222	0.000	P	621.741	P	1450.441	P	2294.948	LOC_Os09g25010.1
DG _{HP}	Os034986_01	S5	1.313	0.000	P	874.792	P	2172.830	P	3389.930	-
DG _{HP}	Os035023_01	S5	0.000	1.376	P	2002.856	P	1351.694	P	520.873	-
DG _{HP}	Os035558_01	S5	-1.262	0.000	P	17524.279	P	7307.398	P	15062.712	LOC_Os06g47360.1
DG _{HP}	Os035594_01	S5	1.982	10.000	P	267.852	P	1057.901	A	967.402	LOC_Os12g15680.1
DG _{HP}	Os035852_01	S5	1.209	0.000	P	419.920	P	970.712	P	618.946	LOC_Os04g41570.3
DG _{HP}	Os036001_01	S5	1.355	0.000	P	433.824	P	1109.438	P	1668.062	LOC_Os11g19070.1
DG _{HP}	Os036231_01	S5	-1.090	0.000	P	1934.736	P	908.697	P	1032.708	LOC_Os03g46200.1
DG _{HP}	Os036440_01	S5	1.918	10.000	P	212.892	P	804.242	A	862.311	LOC_Os01g35254.1
DG _{HP}	Os036576_01	S5	-1.154	-1.357	P	367.552	P	165.151	P	423.159	LOC_Os03g31690.1
DG _{HP}	Os036737_01	S5	1.556	0.000	P	291.454	P	856.699	P	1397.957	LOC_Os01g18370.1
DG _{HP}	Os037264_01	S5	0.000	1.426	P	1205.909	P	1056.401	P	393.107	LOC_Os01g11620.1
DG _{HP}	Os037907_01	S5	1.346	10.000	P	137.888	P	350.483	A	353.593	LOC_Os03g12160.1
DG _{HP}	Os038478_01	S5	0.000	-1.520	P	342.867	P	256.355	P	735.229	LOC_Os01g44390.1
DG _{HP}	Os038480_01	S5	0.000	-1.594	P	645.195	P	333.207	P	1005.764	LOC_Os01g44370.1
DG _{HP}	Os038506_01	S5	0.000	-1.530	P	1558.261	P	942.422	P	2721.700	LOC_Os02g09150.2
DG _{HP}	Os039150_01	S5	-1.366	10.000	P	576.198	P	223.531	A	48.853	LOC_Os02g18070.1
DG _{HP}	Os039379_01	S5	1.255	0.000	P	1131.971	P	2701.499	P	2259.514	LOC_Os04g51510.1
DG _{HP}	Os039580_01	S5	-1.573	1.415	P	963.911	P	324.032	P	121.479	LOC_Os02g40180.1
DG _{HP}	Os039715_01	S5	0.000	-1.409	P	329.364	P	212.525	P	564.324	LOC_Os01g21990.1
DG _{HP}	Os040011_01	S5	0.000	1.272	P	444.771	P	533.392	P	220.804	LOC_Os04g07930.1
DG _{HP}	Os040248_01	S5	-1.528	-1.433	P	1607.206	P	557.478	P	1504.996	LOC_Os03g37960.1
DG _{HP}	Os040491_01	S5	0.000	1.587	P	3555.309	P	2891.130	P	962.152	LOC_Os01g52910.1
DG _{HP}	Os041201_01	S5	-1.469	0.000	P	1701.576	P	614.802	P	306.409	LOC_Os03g53030.1

DG _{HP}	Os041241_01	S5	-1.184	2.027	P	2841.481	P	1250.385	P	306.785	LOC_Os01g21270.1
DG _{HP}	Os041337_01	S5	0.000	1.314	P	779.691	P	421.652	P	169.551	LOC_Os04g05490.1
DG _{HP}	Os041663_01	S5	-1.106	1.495	P	3752.584	P	1742.818	P	618.270	LOC_Os01g70080.1
DG _{HP}	Os041929_01	S5	1.474	0.000	P	266.127	P	739.039	P	627.911	LOC_Os06g28320.1
DG _{HP}	Os042013_01	S5	1.208	0.000	P	5460.482	P	12614.492	P	19425.622	LOC_Os08g19330.1
DG _{HP}	Os042038_01	S5	0.000	-2.063	P	318.063	P	202.829	P	847.311	LOC_Os06g15990.1
DG _{HP}	Os042267_01	S5	-1.177	0.000	P	595.273	P	263.289	P	526.998	LOC_Os10g24970.1
DG _{HP}	Os042617_01	S5	0.000	1.311	P	270.209	P	363.827	P	146.644	LOC_Os02g36490.2
DG _{HP}	Os042725_01	S5	-1.072	10.000	P	392.538	P	186.737	A	33.071	LOC_Os07g35740.1
DG _{HP}	Os042866_01	S5	0.000	1.347	P	668.045	P	467.413	P	183.731	LOC_Os10g05820.1
DG _{HP}	Os042879_01	S5	-1.080	1.316	P	1027.260	P	486.063	P	195.269	-
DG _{HP}	Os043506_01	S5	0.000	1.249	P	1348.549	P	2761.156	P	1162.080	LOC_Os07g35880.1
DG _{HP}	Os043740_01	S5	-1.470	0.000	P	7662.097	P	2766.201	P	4514.255	LOC_Os04g11956.1
DG _{HP}	Os044144_01	S5	0.000	1.510	P	962.063	P	603.238	P	211.802	LOC_Os07g12700.1
DG _{HP}	Os044170_01	S5	-1.260	0.000	P	1357.091	P	566.625	P	263.324	LOC_Os01g40200.1
DG _{HP}	Os044283_01	S5	10.000	-1.359	A	100.997	P	589.482	P	1511.648	-
DG _{HP}	Os044300_01	S5	0.000	1.858	P	17689.327	P	13064.532	P	3603.851	LOC_Os05g11320.1
DG _{HP}	Os044585_01	S5	-1.170	10.000	P	736.974	P	327.513	A	87.597	LOC_Os05g14360.1
DG _{HP}	Os044617_01	S5	1.964	0.000	P	865.918	P	3378.836	P	6184.661	-
DG _{HP}	Os044660_01	S5	0.000	1.234	P	330.768	P	350.398	P	148.968	LOC_Os11g43200.1
DG _{HP}	Os044685_01	S5	0.000	1.813	P	1152.282	P	660.960	P	188.145	LOC_Os11g20600.1
DG _{HP}	Os044913_01	S5	0.000	1.402	P	594.980	P	1092.528	P	413.552	LOC_Os02g27300.1
DG _{HP}	Os045034_01	S5	-1.176	1.327	P	999.808	P	442.462	P	176.343	LOC_Os10g28160.1
DG _{HP}	Os045117_01	S5	-1.310	0.000	P	3221.344	P	1299.365	P	563.177	LOC_Os06g06310.1
DG _{HP}	Os045140_01	S5	-1.105	0.000	P	428.528	P	199.245	P	157.457	LOC_Os08g27460.1
DG _{HP}	Os045347_01	S5	10.000	-1.099	A	134.102	P	692.322	P	1483.118	LOC_Os06g18120.1
DG _{HP}	Os045364_01	S5	-1.083	0.000	P	616.086	P	290.746	P	216.421	LOC_Os09g01860.1
DG _{HP}	Os045434_01	S5	1.493	0.000	P	186.307	P	524.469	P	652.264	LOC_Os05g23210.1
DG _{HP}	Os045565_01	S5	2.416	-1.333	P	141.545	P	755.608	P	1903.885	LOC_Os10g09630.1
DG _{HP}	Os045783_01	S5	1.453	10.000	P	164.540	P	450.543	A	492.560	-
DG _{HP}	Os046160_01	S5	-1.236	0.000	P	1117.104	P	474.417	P	293.964	LOC_Os07g32440.1

DG _{HP}	Os046207_01	S5	-1.177	2.442	P	2122.686	P	938.604	P	172.784	LOC_Os02g12540.1
DG _{HP}	Os046309_01	S5	0.000	1.452	P	450.542	P	454.027	P	165.900	LOC_Os08g06070.1
DG _{HP}	Os046433_01	S5	0.000	-1.079	P	690.538	P	507.417	P	1071.585	LOC_Os12g17910.1
DG _{HP}	Os046633_01	S5	0.000	1.847	P	1701.015	P	1342.336	P	373.220	-
DG _{HP}	Os046795_01	S5	0.000	1.424	P	217.968	P	344.389	P	128.356	LOC_Os04g43400.1
DG _{HP}	Os046888_01	S5	1.556	1.349	P	493.435	P	1450.627	P	569.650	LOC_Os03g25460.1
DG _{HP}	Os047672_01	S5	0.000	1.250	P	685.844	P	550.530	P	231.459	LOC_Os05g09720.1
DG _{HP}	Os047994_01	S5	1.317	0.000	P	190.805	P	475.480	P	617.998	LOC_Os06g44690.1
DG _{HP}	Os048525_01	S5	-1.919	0.000	P	5048.548	P	1335.431	P	2205.190	LOC_Os07g14750.1
DG _{HP}	Os048651_01	S5	0.000	1.881	P	788.649	P	449.015	P	121.910	LOC_Os10g28724.1
DG _{HP}	Os048713_01	S5	-1.222	-1.304	P	609.566	P	261.262	P	645.008	LOC_Os11g27090.1
DG _{HP}	Os048731_01	S5	0.000	-1.371	P	423.332	P	208.240	P	538.739	-
DG _{HP}	Os048874_01	S5	1.837	0.000	P	337.987	P	1207.370	P	1067.787	LOC_Os05g51930.1
DG _{HP}	Os049215_01	S5	0.000	1.508	P	1636.884	P	1107.547	P	389.474	LOC_Os08g31550.1
DG _{HP}	Os049435_01	S5	0.000	2.226	P	1408.459	P	893.190	P	190.897	-
DG _{HP}	Os050200_01	S5	0.000	1.382	P	1207.389	P	1016.671	P	390.170	LOC_Os07g34640.2
DG _{HP}	Os050398_01	S5	1.293	0.000	P	194.175	P	475.835	P	607.832	LOC_Os11g12060.1
DG _{HP}	Os050784_01	S5	-1.076	0.000	P	567.251	P	269.119	P	339.936	LOC_Os11g27640.1
DG _{HP}	Os050787_01	S5	-1.425	0.000	P	1363.258	P	507.861	P	650.464	LOC_Os03g28980.1
DG _{HP}	Os050873_01	S5	-1.080	0.000	P	3089.722	P	1461.887	P	810.754	-
DG _{HP}	Os051250_01	S5	0.000	1.584	P	3436.056	P	2894.178	P	965.262	-
DG _{HP}	Os051647_01	S5	1.453	0.000	P	160.548	P	439.405	P	406.832	-
DG _{HP}	Os051737_01	S5	-1.159	0.000	P	2126.526	P	952.182	P	512.064	LOC_Os06g26050.1
DG _{HP}	Os051932_01	S5	1.587	0.000	P	1736.786	P	5218.792	P	3138.886	LOC_Os06g04030.1
DG _{HP}	Os051935_01	S5	2.163	0.000	P	615.053	P	2754.164	P	2118.627	LOC_Os01g15270.1
DG _{HP}	Os051940_01	S5	0.000	-1.382	P	1268.171	P	1239.701	P	3230.521	LOC_Os10g39410.1
DG _{HP}	Os051948_01	S5	0.000	-2.070	P	898.065	P	1606.427	P	6743.778	LOC_Os11g06720.1
DG _{HP}	Os051956_01	S5	0.000	-1.346	P	7161.984	P	5335.476	P	13558.571	LOC_Os07g37240.1
DG _{HP}	Os051957_01	S5	0.000	-1.603	P	638.335	P	422.507	P	1283.642	LOC_Os11g26850.2
DG _{HP}	Os051973_01	S5	0.000	-1.219	P	5805.996	P	5607.101	P	13048.773	LOC_Os01g45274.1
DG _{HP}	Os051980_01	S5	0.000	-1.462	P	727.866	P	624.850	P	1721.491	LOC_Os02g27030.1

DG _{HP}	Os051997_01	S5	2.168	0.000	P	135.121	P	607.204	P	347.749	LOC_Os04g54280.1
DG _{HP}	Os052028_01	S5	0.000	-1.119	P	2685.366	P	4570.123	P	9928.958	LOC_Os12g23200.1
DG _{HP}	Os052035_01	S5	1.233	0.000	P	282.231	P	663.424	P	476.120	LOC_Os01g37800.1
DG _{HP}	Os052059_01	S5	1.261	-1.257	P	392.187	P	940.122	P	2246.849	LOC_Os09g26420.3
DG _{HP}	Os052080_01	S5	1.217	0.000	P	144.762	P	336.566	P	371.278	LOC_Os08g44480.2
DG _{HP}	Os052093_01	S5	0.000	-1.370	P	836.660	P	1657.315	P	4282.394	LOC_Os02g38210.1
DG _{HP}	Os052094_01	S5	1.192	0.000	P	168.127	P	384.100	P	283.458	LOC_Os05g44050.1
DG _{HP}	Os052111_01	S5	1.476	0.000	P	280.929	P	781.440	P	568.723	LOC_Os09g31482.3
DG _{HP}	Os052118_01	S5	0.000	-2.360	P	868.005	P	855.511	P	4392.072	LOC_Os10g18340.1
DG _{HP}	Os052122_01	S5	1.498	0.000	P	376.713	P	1063.958	P	1297.290	LOC_Os02g04160.1
DG _{HP}	Os052140_01	S5	1.581	0.000	P	746.703	P	2233.431	P	2023.913	LOC_Os08g43560.1
DG _{HP}	Os052148_01	S5	1.526	0.000	P	428.680	P	1234.554	P	935.047	-
DG _{HP}	Os052184_01	S5	0.000	-1.136	P	827.691	P	1125.421	P	2474.039	LOC_Os06g08080.1
DG _{HP}	Os052201_01	S5	-1.184	1.711	P	1619.826	P	712.961	P	217.806	LOC_Os07g46500.2
DG _{HP}	Os052214_01	S5	0.000	2.415	P	324.739	P	735.001	P	137.816	-
DG _{HP}	Os052236_01	S5	1.299	0.000	P	357.439	P	879.626	P	920.030	LOC_Os01g50760.1
DG _{HP}	Os052259_01	S5	1.550	0.000	P	191.083	P	559.510	P	487.629	LOC_Os08g19650.1
DG _{HP}	Os052331_01	S5	1.269	0.000	P	224.549	P	541.290	P	609.304	LOC_Os04g32710.1
DG _{HP}	Os052360_01	S5	1.307	0.000	P	164.327	P	406.673	P	444.285	LOC_Os03g50070.1
DG _{HP}	Os052464_01	S5	1.239	0.000	P	137.737	P	325.080	P	196.016	LOC_Os02g50210.1
DG _{HP}	Os052465_01	S5	1.521	0.000	P	193.030	P	553.829	P	573.226	-
DG _{HP}	Os052515_01	S5	1.308	0.000	P	193.010	P	477.773	P	262.199	-
DG _{HP}	Os052535_01	S5	1.718	0.000	P	1137.289	P	3741.575	P	2566.886	LOC_Os03g54160.2
DG _{HP}	Os052559_01	S5	1.395	0.000	P	302.129	P	794.724	P	855.196	LOC_Os01g48690.1
DG _{HP}	Os052580_01	S5	1.397	0.000	P	261.905	P	689.662	P	323.055	LOC_Os01g69030.3
DG _{HP}	Os052644_01	S5	0.000	1.667	P	969.770	P	815.533	P	256.904	LOC_Os01g37590.1
DG _{HP}	Os052672_01	S5	0.000	1.256	P	294.376	P	545.377	P	228.374	LOC_Os01g62810.2
DG _{HP}	Os052727_01	S5	2.212	0.000	P	623.292	P	2888.121	P	1328.652	LOC_Os01g64660.2
DG _{HP}	Os052870_01	S5	1.391	0.000	P	236.481	P	620.263	P	699.111	LOC_Os01g21820.1
DG _{HP}	Os053101_01	S5	0.000	1.816	P	843.537	P	526.149	P	149.442	LOC_Os03g62210.1
DG _{HP}	Os053247_01	S5	0.000	-1.408	P	152.359	P	215.928	P	572.990	LOC_Os10g40830.1

DG _{HP}	Os053523_01	S5	1.899	0.000	P	141.792	P	528.887	P	320.684	LOC_Os02g45520.2
DG _{HP}	Os053553_01	S5	1.438	0.000	P	133.962	P	362.955	P	216.427	LOC_Os01g54880.1
DG _{HP}	Os053602_01	S5	0.000	1.272	P	284.713	P	442.704	P	183.324	-
DG _{HP}	Os053716_01	S5	0.000	1.287	P	1804.475	P	1651.040	P	676.377	LOC_Os01g42294.1
DG _{HP}	Os053987_01	S5	0.000	-1.706	P	270.981	P	280.435	P	914.872	LOC_Os01g65190.1
DG _{HP}	Os054035_01	S5	2.204	10.000	P	197.735	P	911.267	A	145.590	-
DG _{HP}	Os054121_01	S5	1.493	0.000	P	210.903	P	593.447	P	696.864	LOC_Os09g10700.1
DG _{HP}	Os054397_01	S5	1.504	0.000	P	131.998	P	374.505	P	204.872	LOC_Os10g28200.1
DG _{HP}	Os054429_01	S5	-1.325	0.000	P	381.226	P	152.154	P	183.286	LOC_Os12g38051.1
DG _{HP}	Os054446_01	S5	1.552	0.000	P	1741.734	P	5107.354	P	5717.622	LOC_Os07g01760.1
DG _{HP}	Os054448_01	S5	0.000	-1.256	P	237.919	P	330.926	P	790.266	LOC_Os06g48750.2
DG _{HP}	Os054450_01	S5	0.000	-1.170	P	492.335	P	811.431	P	1825.452	LOC_Os04g57220.3
DG _{HP}	Os054452_01	S5	0.000	-1.260	P	4527.803	P	4287.447	P	10266.665	LOC_Os07g04840.1
DG _{HP}	Os054458_01	S5	0.000	-1.283	P	601.530	P	754.533	P	1836.295	LOC_Os12g05050.1
DG _{HP}	Os054471_01	S5	0.000	1.234	P	573.241	P	482.948	P	205.380	LOC_Os10g40530.1
DG _{HP}	Os054482_01	S5	-1.139	-1.743	P	987.621	P	448.371	P	1500.721	LOC_Os05g49890.1
DG _{HP}	Os054485_01	S5	1.451	0.000	P	295.881	P	809.114	P	834.769	LOC_Os10g39130.1
DG _{HP}	Os054487_01	S5	0.000	-1.472	P	911.794	P	687.050	P	1905.912	LOC_Os06g04020.1
DG _{HP}	Os054491_01	S5	0.000	-1.126	P	573.033	P	525.217	P	1146.032	-
DG _{HP}	Os054509_01	S5	1.261	0.000	P	2928.737	P	7021.245	P	8701.674	LOC_Os02g47020.1
DG _{HP}	Os054516_01	S5	1.312	0.000	P	235.868	P	585.546	P	752.511	LOC_Os11g14920.1
DG _{HP}	Os054550_01	S5	0.000	-1.120	P	418.917	P	266.289	P	578.861	LOC_Os06g04070.1
DG _{HP}	Os054562_01	S5	1.348	2.191	P	1488.457	P	3787.826	P	829.543	LOC_Os01g21250.1
DG _{HP}	Os054578_01	S5	1.323	0.000	P	315.996	P	790.568	P	1271.839	LOC_Os02g39630.2
DG _{HP}	Os054590_01	S5	10.000	3.650	A	191.650	P	2204.687	P	175.625	LOC_Os03g09250.2
DG _{HP}	Os054627_01	S5	0.000	-1.530	P	472.621	P	294.987	P	852.053	LOC_Os01g73940.1
DG _{HP}	Os054634_01	S5	1.496	0.000	P	742.355	P	2093.976	P	937.424	LOC_Os10g32810.1
DG _{HP}	Os054641_01	S5	1.518	0.000	P	739.282	P	2117.015	P	1267.601	LOC_Os01g60410.3
DG _{HP}	Os054673_01	S5	1.281	0.000	P	393.037	P	955.159	P	552.805	LOC_Os03g55540.1
DG _{HP}	Os054727_01	S5	1.356	0.000	P	255.292	P	653.636	P	603.723	LOC_Os01g61670.1
DG _{HP}	Os054734_02	S5	1.617	10.000	P	223.470	P	685.517	A	782.423	LOC_Os06g03486.1

DG _{HP}	Os054741_01	S5	10.000	-3.906	A	67.440	P	225.190	P	3375.287	-
DG _{HP}	Os054743_01	S5	1.658	0.000	P	159.736	P	503.969	P	513.253	LOC_Os01g64970.1
DG _{HP}	Os054779_01	S5	0.000	-1.208	P	382.996	P	697.908	P	1612.455	LOC_Os01g13770.1
DG _{HP}	Os054785_01	S5	1.643	0.000	P	99.077	P	309.496	P	219.255	LOC_Os01g09220.1
DG _{HP}	Os054826_01	S5	1.843	0.000	P	227.116	P	814.830	P	739.046	LOC_Os01g70210.1
DG _{HP}	Os054838_01	S5	0.000	-1.174	P	182.013	P	186.489	P	420.748	LOC_Os03g13800.1
DG _{HP}	Os054937_01	S5	0.000	-1.133	P	145.339	P	154.958	P	339.861	LOC_Os02g11740.1
DG _{HP}	Os054941_01	S5	1.430	0.000	P	302.486	P	815.256	P	683.005	LOC_Os09g07920.1
DG _{HP}	Os054984_01	S5	1.254	0.000	P	282.168	P	673.010	P	945.191	LOC_Os05g51450.1
DG _{HP}	Os055014_01	S5	1.310	0.000	P	190.259	P	471.696	P	454.912	LOC_Os06g01700.1
DG _{HP}	Os055042_01	S5	1.512	10.000	P	148.327	P	422.913	A	210.443	LOC_Os09g06464.1
DG _{HP}	Os055136_01	S5	1.553	0.000	P	165.629	P	485.884	P	355.109	LOC_Os07g46520.1
DG _{HP}	Os055148_01	S5	1.445	0.000	P	442.986	P	1206.038	P	745.871	LOC_Os03g55030.1
DG _{HP}	Os055214_01	S5	1.184	0.000	P	122.719	P	278.862	P	255.586	LOC_Os01g40340.1
DG _{HP}	Os055222_01	S5	1.309	0.000	P	147.839	P	366.199	P	622.588	LOC_Os01g59060.1
DG _{HP}	Os055308_01	S5	0.000	1.312	P	492.113	P	382.762	P	154.174	LOC_Os07g48020.1
DG _{HP}	Os055352_01	S5	0.000	1.264	P	1791.365	P	1212.926	P	505.096	-
DG _{HP}	Os055398_01	S5	0.000	-1.069	P	118.075	P	127.379	P	267.228	-
DG _{HP}	Os055470_01	S5	1.937	2.056	P	234.278	P	897.371	P	215.753	LOC_Os04g45810.1
DG _{HP}	Os055517_01	S5	1.449	0.000	P	137.840	P	376.415	P	387.187	LOC_Os02g10860.1
DG _{HP}	Os055529_01	S5	1.370	0.000	P	590.578	P	1526.158	P	1719.317	LOC_Os04g56230.1
DG _{HP}	Os055679_01	S5	10.000	-1.864	A	98.417	P	207.094	P	754.109	LOC_Os01g12270.1
DG _{HP}	Os055703_01	S5	0.000	-1.285	P	343.760	P	418.695	P	1020.445	LOC_Os01g31680.1
DG _{HP}	Os055766_02	S5	1.431	0.000	P	214.040	P	577.043	P	291.185	-
DG _{HP}	Os056149_01	S5	-1.276	-1.115	P	6215.269	P	2566.908	P	5559.825	LOC_Os01g22249.1
DG _{HP}	Os056222_01	S5	0.000	1.261	P	1332.570	P	1366.157	P	569.906	LOC_Os06g01580.1
DG _{HP}	Os056250_01	S5	0.000	1.639	P	496.888	P	935.017	P	300.117	LOC_Os04g33490.1
DG _{HP}	Os056390_01	S5	0.000	1.435	P	904.456	P	887.282	P	328.110	LOC_Os01g68330.1
DG _{HP}	Os056446_01	S5	0.000	-1.841	P	155.003	P	292.045	P	1046.030	LOC_Os01g74160.1
DG _{HP}	Os056782_01	S5	-1.275	0.000	P	531.848	P	219.739	P	278.097	LOC_Os04g09530.1
DG _{HP}	Os056903_02	S5	-1.112	-2.124	P	344.219	P	159.298	P	694.326	LOC_Os01g59510.1

DG _{HP}	Os056918_02	S5	0.000	2.472	P	4233.063	P	3715.749	P	669.686	LOC_Os01g13690.1	
DG _{HP}	Os056920_02	S5	0.000	-1.247	P	1511.554	P	836.804	P	1985.607	-	
DG _{HP}	Os056928_02	S5	-1.116	-1.782	P	3785.857	P	1747.079	P	6009.075	LOC_Os09g27030.3	
DG _{HP}	Os056934_02	S5	0.000	-1.217	P	440.134	P	600.759	P	1396.917	-	
DG _{HP}	Os056946_01	S5	0.000	1.531	P	1006.473	P	1037.356	P	358.968	LOC_Os05g34770.1	
DG _{HP}	Os057021_02	S5	0.000	1.245	P	379.539	P	439.716	P	185.459	LOC_Os02g11050.1	
DG _{HP}	Os057238_02	S5	0.000	-1.571	P	261.907	P	261.680	P	777.270	LOC_Os01g65350.1	
DG _{HP}	Os057253_02	S5	0.000	-1.070	P	187.214	P	213.224	P	447.740	LOC_Os05g39760.1	
DG _{HP}	Os057254_02	S5	0.000	-1.250	P	9476.819	P	16128.246	P	38362.689	-	
DG _{HP}	Os057274_02	S5	1.437	0.000	P	1196.709	P	3239.749	P	2736.959	LOC_Os05g38640.1	
DG _{HP}	Os057275_02	S5	1.388	0.000	P	428.356	P	1121.100	P	1925.411	-	
DG _{HP}	Os057286_02	S5	1.811	0.000	P	965.292	P	3386.905	P	2812.779	LOC_Os01g43150.1	
DG _{HP}	Os057301_02	S5	1.446	0.000	P	463.327	P	1262.751	P	1018.292	LOC_Os03g04710.1	
DG _{HP}	Os057402_02	S5	1.386	10.000	P	141.132	P	368.814	A	90.419	-	
DG _{HP}	Os057481_02	S5	1.455	2.406	P	670.569	P	1838.851	P	347.057	LOC_Os04g43390.1	
DG _{HP}	Os057595_02	S5	0.000	-1.362	P	891.932	P	752.751	P	1935.402	LOC_Os05g49610.1	
DG _{HP}	GeneID	S4	log2(Ratio(L/9))		log2(Ratio(L/P))		He_9311.flag		He_9311		He_LYP9.flag	He_LYP9
	He_PA64s.flag	He_PA64s		-								
DG _{HP}	Os000198_01	S4	-1.438	0.000	P	630.267	P	232.644	P	343.503	LOC_Os05g27820.2	
DG _{HP}	Os000238_01	S4	-1.362	-1.410	P	377.444	P	146.851	P	390.285	LOC_Os05g36050.1	
DG _{HP}	Os000242_01	S4	-1.384	0.000	P	429.805	P	164.662	P	282.176	LOC_Os12g05040.3	
DG _{HP}	Os000249_01	S4	0.000	-1.351	P	235.277	P	190.925	P	486.941	LOC_Os03g58810.1	
DG _{HP}	Os000271_01	S4	1.671	0.000	P	264.202	P	841.068	P	966.739	LOC_Os02g22100.7	
DG _{HP}	Os000312_01	S4	-2.003	0.000	P	841.318	P	209.933	P	326.020	LOC_Os06g04240.1	
DG _{HP}	Os000322_01	S4	1.586	0.000	P	449.951	P	1351.268	P	2065.001	LOC_Os07g28610.2	
DG _{HP}	Os000342_01	S4	0.000	-1.233	P	310.664	P	339.072	P	797.168	LOC_Os10g34180.2	
DG _{HP}	Os000389_01	S4	-1.183	0.000	P	886.391	P	390.318	P	676.545	LOC_Os05g27730.1	
DG _{HP}	Os000416_01	S4	-2.068	0.000	P	5057.019	P	1206.392	P	2052.593	LOC_Os08g39450.1	
DG _{HP}	Os000440_01	S4	-2.796	0.000	P	3553.177	P	511.441	P	883.197	LOC_Os04g52090.1	
DG _{HP}	Os000458_01	S4	-1.260	0.000	P	777.665	P	324.780	P	589.202	LOC_Os12g04260.1	
DG _{HP}	Os000590_01	S4	-1.289	0.000	P	558.200	P	228.404	P	328.798	LOC_Os05g03590.1	

DG _{HP}	Os000665_01	S4	0.000	-1.424	P	182.587	P	211.592	P	567.620	LOC_Os02g48640.1
DG _{HP}	Os000694_01	S4	0.000	-1.590	P	283.889	P	269.969	P	812.470	LOC_Os02g49640.1
DG _{HP}	Os000781_01	S4	0.000	1.787	P	238.119	P	473.879	P	137.274	LOC_Os01g16010.1
DG _{HP}	Os000784_01	S4	-1.124	0.000	P	808.419	P	370.889	P	298.983	LOC_Os07g01320.1
DG _{HP}	Os000838_01	S4	-1.161	0.000	P	400.080	P	178.882	P	246.131	LOC_Os05g22370.1
DG _{HP}	Os000897_01	S4	-1.176	0.000	P	486.815	P	215.409	P	261.432	LOC_Os03g55490.1
DG _{HP}	Os000918_01	S4	0.000	-1.846	P	192.203	P	397.132	P	1427.755	LOC_Os11g44960.1
DG _{HP}	Os000954_01	S4	-1.206	0.000	P	843.678	P	365.801	P	233.669	LOC_Os02g39350.1
DG _{HP}	Os001035_01	S4	0.000	-1.150	P	336.505	P	355.719	P	789.388	LOC_Os01g61070.1
DG _{HP}	Os001105_01	S4	0.000	-1.262	P	337.617	P	227.445	P	545.405	LOC_Os03g53580.1
DG _{HP}	Os001272_01	S4	-1.645	0.000	P	954.131	P	305.105	P	289.304	-
DG _{HP}	Os001428_01	S4	0.000	-1.374	P	195.773	P	253.165	P	655.997	LOC_Os11g33320.1
DG _{HP}	Os001430_01	S4	0.000	-1.487	P	408.250	P	240.307	P	673.463	LOC_Os05g05560.1
DG _{HP}	Os001460_01	S4	0.000	-1.219	P	427.606	P	264.657	P	616.008	LOC_Os11g33970.1
DG _{HP}	Os001715_01	S4	1.541	0.000	P	1115.202	P	3244.107	P	1319.637	LOC_Os07g38240.1
DG _{HP}	Os001749_01	S4	1.747	1.966	P	880.075	P	2954.274	P	756.115	LOC_Os01g65530.1
DG _{HP}	Os001758_01	S4	0.000	1.416	P	899.167	P	936.072	P	350.738	LOC_Os04g18790.1
DG _{HP}	Os001786_01	S4	-1.869	0.000	P	746.116	P	204.208	P	123.719	LOC_Os02g09980.1
DG _{HP}	Os001903_01	S4	0.000	2.444	P	1116.143	P	1121.143	P	205.973	LOC_Os01g68290.1
DG _{HP}	Os001934_01	S4	2.335	0.000	P	128.519	P	648.454	P	1200.048	-
DG _{HP}	Os001957_01	S4	-1.401	0.000	P	1658.840	P	628.333	P	615.711	LOC_Os07g38230.1
DG _{HP}	Os002092_01	S4	0.000	-1.185	P	2498.968	P	1458.924	P	3316.998	LOC_Os02g04510.1
DG _{HP}	Os002299_01	S4	0.000	-1.500	P	190.393	P	281.009	P	794.922	LOC_Os01g50830.1
DG _{HP}	Os002353_01	S4	0.000	2.459	P	1262.639	P	1366.877	P	248.601	LOC_Os03g38470.1
DG _{HP}	Os002390_01	S4	0.000	-1.172	P	1022.315	P	1267.645	P	2855.966	LOC_Os07g05360.1
DG _{HP}	Os002451_01	S4	-1.292	0.000	P	774.992	P	316.462	P	625.995	LOC_Os01g47730.1
DG _{HP}	Os002516_02	S4	0.000	-1.603	P	427.533	P	247.656	P	752.251	-
DG _{HP}	Os002633_01	S4	0.000	1.587	P	644.805	P	595.106	P	198.075	LOC_Os03g22960.1
DG _{HP}	Os002671_01	S4	0.000	-2.012	P	245.289	P	217.910	P	878.628	LOC_Os03g51440.1
DG _{HP}	Os002753_01	S4	-1.075	0.000	P	613.780	P	291.404	P	388.013	LOC_Os12g32610.1
DG _{HP}	Os002952_01	S4	1.652	0.000	P	132.110	P	415.265	P	649.721	LOC_Os10g10750.1

DG _{HP}	Os003566_01	S4	0.000	1.727	P	595.802	P	415.484	P	125.541	-
DG _{HP}	Os003568_02	S4	-1.806	0.000	P	1628.723	P	465.749	P	1018.335	-
DG _{HP}	Os004380_01	S4	0.000	-1.162	P	170.170	P	243.778	P	545.339	LOC_Os08g06460.1
DG _{HP}	Os004399_01	S4	-1.249	1.553	P	2905.520	P	1222.823	P	416.601	LOC_Os02g40180.1
DG _{HP}	Os004928_01	S4	0.000	1.405	P	187.670	P	249.723	P	94.318	LOC_Os11g37950.1
DG _{HP}	Os005117_01	S4	0.000	-1.229	P	237.096	P	243.901	P	571.634	LOC_Os01g13150.1
DG _{HP}	Os005218_01	S4	0.000	-1.156	P	247.251	P	259.597	P	578.473	-
DG _{HP}	Os006128_01	S4	-1.259	0.000	P	1306.176	P	545.739	P	1019.373	-
DG _{HP}	Os006659_01	S4	0.000	1.474	P	303.719	P	276.560	P	99.589	-
DG _{HP}	Os006922_01	S4	0.000	1.426	P	438.338	P	446.868	P	166.273	-
DG _{HP}	Os007387_01	S4	0.000	1.539	P	369.249	P	405.468	P	139.523	-
DG _{HP}	Os007689_01	S4	1.485	10.000	P	108.159	P	302.768	A	290.788	LOC_Os09g19734.1
DG _{HP}	Os007693_01	S4	1.875	0.000	P	115.194	P	422.647	P	258.597	LOC_Os07g03880.1
DG _{HP}	Os007729_01	S4	0.000	1.457	P	251.729	P	396.187	P	144.300	LOC_Os09g29380.1
DG _{HP}	Os008153_02	S4	1.484	0.000	P	839.984	P	2350.043	P	1510.106	-
DG _{HP}	Os008199_01	S4	0.000	-2.842	P	135.625	P	268.463	P	1925.403	LOC_Os11g44990.1
DG _{HP}	Os008420_01	S4	-1.254	-1.609	P	3205.551	P	1344.081	P	4099.039	LOC_Os04g37619.1
DG _{HP}	Os008441_01	S4	-1.170	0.000	P	1357.710	P	603.348	P	383.213	LOC_Os03g49190.1
DG _{HP}	Os008450_01	S4	0.000	2.260	P	4049.994	P	2243.962	P	468.422	LOC_Os01g67980.1
DG _{HP}	Os008614_01	S4	0.000	1.432	P	640.154	P	442.178	P	163.890	LOC_Os05g49160.2
DG _{HP}	Os008632_01	S4	0.000	1.558	P	254.112	P	324.102	P	110.088	LOC_Os03g15940.1
DG _{HP}	Os008644_01	S4	0.000	1.512	P	303.205	P	440.349	P	154.380	LOC_Os02g41520.1
DG _{HP}	Os008660_01	S4	0.000	1.972	P	237.490	P	344.815	P	87.892	LOC_Os01g73540.1
DG _{HP}	Os008667_01	S4	0.000	1.468	P	249.079	P	297.616	P	107.617	LOC_Os04g17680.2
DG _{HP}	Os008740_01	S4	0.000	-1.621	P	4155.419	P	2858.211	P	8793.148	LOC_Os04g45490.1
DG _{HP}	Os008742_01	S4	1.467	0.000	P	1128.063	P	3119.519	P	2324.487	LOC_Os09g35880.1
DG _{HP}	Os008751_01	S4	1.638	0.000	P	125.663	P	391.168	P	405.868	-
DG _{HP}	Os008761_01	S4	-1.906	0.000	P	1163.906	P	310.607	P	464.333	LOC_Os02g32580.1
DG _{HP}	Os008866_01	S4	1.460	0.000	P	614.694	P	1691.394	P	1093.241	LOC_Os10g10180.1
DG _{HP}	Os008896_01	S4	0.000	-1.691	P	233.492	P	242.524	P	783.088	LOC_Os04g51520.1
DG _{HP}	Os008938_01	S4	0.000	1.539	P	369.557	P	519.550	P	178.776	LOC_Os12g35320.1

DG _{HP}	Os009085_01	S4	1.592	0.000	P	122.269	P	368.572	P	308.400	LOC_Os10g23220.2
DG _{HP}	Os009089_01	S4	1.511	0.000	P	190.202	P	542.201	P	209.617	LOC_Os04g38940.1
DG _{HP}	Os009163_01	S4	0.000	1.666	P	395.405	P	350.229	P	110.356	LOC_Os02g05830.1
DG _{HP}	Os009179_01	S4	0.000	1.578	P	178.156	P	291.477	P	97.639	LOC_Os04g15690.1
DG _{HP}	Os009211_01	S4	0.000	1.471	P	179.921	P	393.625	P	142.024	LOC_Os10g28120.1
DG _{HP}	Os009286_01	S4	0.000	1.460	P	480.697	P	633.717	P	230.378	LOC_Os02g34860.1
DG _{HP}	Os009287_01	S4	2.207	0.000	P	508.694	P	2348.417	P	3948.679	LOC_Os01g16660.1
DG _{HP}	Os009373_01	S4	0.000	1.430	P	173.707	P	339.621	P	126.009	LOC_Os07g30170.1
DG _{HP}	Os009577_01	S4	1.996	0.000	P	467.764	P	1865.727	P	715.097	LOC_Os11g16550.1
DG _{HP}	Os009664_01	S4	0.000	1.668	P	909.320	P	1313.017	P	413.278	LOC_Os03g04470.1
DG _{HP}	Os009787_01	S4	0.000	-1.680	P	270.966	P	643.513	P	2061.516	LOC_Os07g23120.1
DG _{HP}	Os009858_01	S4	0.000	1.459	P	502.486	P	618.530	P	224.996	LOC_Os09g02270.1
DG _{HP}	Os009876_01	S4	0.000	1.542	P	269.843	P	353.986	P	121.552	-
DG _{HP}	Os009921_01	S4	0.000	2.617	P	1159.682	P	1341.565	P	218.629	LOC_Os02g50620.1
DG _{HP}	Os009929_01	S4	1.737	0.000	P	160.898	P	536.196	P	725.521	LOC_Os02g31860.1
DG _{HP}	Os009934_01	S4	2.353	0.000	P	242.306	P	1238.084	P	902.843	LOC_Os01g49230.1
DG _{HP}	Os009935_01	S4	1.600	0.000	P	2288.657	P	6935.692	P	13354.758	LOC_Os04g52060.1
DG _{HP}	Os009937_01	S4	1.440	0.000	P	185.678	P	503.796	P	627.580	LOC_Os05g34260.1
DG _{HP}	Os009964_01	S4	3.088	0.000	P	159.270	P	1354.195	P	2643.818	LOC_Os09g20880.1
DG _{HP}	Os009971_01	S4	7.123	-1.161	P	169.436	P	23616.728	P	52811.056	LOC_Os03g05330.1
DG _{HP}	Os009986_01	S4	-2.393	10.000	P	2096.008	P	399.132	A	130.035	-
DG _{HP}	Os009997_01	S4	0.000	1.573	P	279.420	P	255.428	P	85.856	LOC_Os12g26220.1
DG _{HP}	Os010001_01	S4	3.000	0.000	P	332.192	P	2657.336	P	2455.062	LOC_Os08g02200.1
DG _{HP}	Os010014_01	S4	0.000	1.518	P	326.894	P	407.152	P	142.200	-
DG _{HP}	Os010034_01	S4	0.000	1.433	P	1762.902	P	1724.652	P	638.944	LOC_Os01g68940.1
DG _{HP}	Os010054_01	S4	0.000	1.903	P	294.521	P	531.702	P	142.140	LOC_Os09g24650.4
DG _{HP}	Os010107_01	S4	0.000	1.547	P	585.914	P	516.468	P	176.785	LOC_Os10g42196.1
DG _{HP}	Os010115_01	S4	0.000	-1.206	P	637.507	P	910.304	P	2099.777	LOC_Os09g36040.1
DG _{HP}	Os010117_01	S4	1.973	10.000	P	1219.485	P	4787.088	A	3021.859	LOC_Os05g50840.1
DG _{HP}	Os010118_01	S4	0.000	1.441	P	401.036	P	347.625	P	128.035	-
DG _{HP}	Os010125_01	S4	2.896	0.000	P	160.836	P	1196.822	P	1432.069	LOC_Os07g06600.1

DG _{HP}	Os010130_01	S4	0.000	1.466	P	478.083	P	370.564	P	134.098	LOC_Os02g13960.1
DG _{HP}	Os010148_01	S4	7.126	0.000	P	136.040	P	19001.727	P	38480.253	-
DG _{HP}	Os010152_01	S4	2.024	0.000	P	116.616	P	474.153	P	634.634	-
DG _{HP}	Os010171_01	S4	-2.098	0.000	P	1401.721	P	327.435	P	252.138	-
DG _{HP}	Os010179_01	S4	1.567	0.000	P	119.337	P	353.476	P	434.030	LOC_Os09g30410.1
DG _{HP}	Os010193_01	S4	0.000	2.462	P	944.975	P	1429.772	P	259.437	LOC_Os12g34010.1
DG _{HP}	Os010211_01	S4	2.152	0.000	P	182.198	P	809.936	P	1315.856	LOC_Os10g41800.1
DG _{HP}	Os010217_01	S4	3.993	0.000	P	109.284	P	1740.432	P	2503.831	LOC_Os08g06540.1
DG _{HP}	Os010244_01	S4	7.299	0.000	P	137.544	P	21652.658	P	47323.171	-
DG _{HP}	Os010260_01	S4	2.956	0.000	P	138.728	P	1076.856	P	1688.101	-
DG _{HP}	Os010267_01	S4	0.000	1.631	P	3427.769	P	3385.160	P	1093.215	-
DG _{HP}	Os010273_01	S4	-1.781	0.000	P	760.835	P	221.360	P	217.061	LOC_Os04g30420.1
DG _{HP}	Os010286_01	S4	1.560	0.000	P	220.439	P	649.843	P	1190.308	LOC_Os07g38990.1
DG _{HP}	Os010290_01	S4	2.718	0.000	P	153.002	P	1006.495	P	923.460	LOC_Os03g09880.1
DG _{HP}	Os010291_01	S4	3.299	0.000	P	189.502	P	1864.533	P	1960.108	LOC_Os01g48710.1
DG _{HP}	Os010306_01	S4	-1.392	0.000	P	1358.595	P	517.571	P	621.025	LOC_Os06g43810.1
DG _{HP}	Os010326_01	S4	3.713	0.000	P	86.996	P	1140.517	P	1866.548	LOC_Os07g43310.1
DG _{HP}	Os010344_01	S4	3.839	0.000	P	112.285	P	1606.876	P	1966.261	LOC_Os04g53370.1
DG _{HP}	Os010355_01	S4	6.429	0.000	P	180.603	P	15565.852	P	31883.952	-
DG _{HP}	Os010372_01	S4	0.000	1.471	P	32216.657	P	17969.609	P	6483.866	LOC_Os01g14410.1
DG _{HP}	Os010373_01	S4	0.000	1.490	P	503.619	P	537.452	P	191.325	-
DG _{HP}	Os010384_01	S4	0.000	1.683	P	612.244	P	750.665	P	233.731	LOC_Os03g47060.1
DG _{HP}	Os010388_01	S4	1.684	0.000	P	140.964	P	452.794	P	575.816	-
DG _{HP}	Os010400_01	S4	4.403	-1.441	P	175.214	P	3708.073	P	10066.630	LOC_Os07g38540.1
DG _{HP}	Os010407_01	S4	2.083	0.000	P	429.134	P	1818.763	P	1714.660	LOC_Os08g08120.3
DG _{HP}	Os010416_01	S4	1.573	0.000	P	188.906	P	562.074	P	906.103	LOC_Os08g04340.1
DG _{HP}	Os010424_01	S4	4.936	0.000	P	525.150	P	16073.163	P	35292.105	LOC_Os03g15080.2
DG _{HP}	Os010435_01	S4	4.166	0.000	P	276.207	P	4956.970	P	9344.703	LOC_Os04g36770.1
DG _{HP}	Os010446_01	S4	1.769	-1.631	P	183.134	P	623.950	P	1933.190	LOC_Os04g56390.1
DG _{HP}	Os010471_01	S4	0.000	1.469	P	519.850	P	516.115	P	186.463	-
DG _{HP}	Os010477_01	S4	1.604	0.000	P	217.454	P	660.922	P	830.997	-

DG _{HP}	Os010478_01	S4	3.897	0.000	P	152.934	P	2277.637	P	4225.654	LOC_Os03g50110.1
DG _{HP}	Os010480_01	S4	0.000	1.485	P	263.930	P	541.309	P	193.433	LOC_Os08g06010.1
DG _{HP}	Os010488_01	S4	2.904	0.000	P	334.247	P	2501.991	P	3576.480	-
DG _{HP}	Os010490_01	S4	2.234	-1.292	P	149.763	P	704.376	P	1724.887	LOC_Os03g49480.1
DG _{HP}	Os010492_01	S4	3.890	0.000	P	119.891	P	1777.161	P	1626.455	LOC_Os04g46930.2
DG _{HP}	Os010501_01	S4	0.000	2.406	P	471.383	P	660.990	P	124.706	LOC_Os09g26670.1
DG _{HP}	Os010503_01	S4	7.377	0.000	P	128.082	P	21297.701	P	31044.783	LOC_Os06g49690.1
DG _{HP}	Os010521_01	S4	0.000	1.656	P	1618.463	P	1590.784	P	504.831	LOC_Os10g37350.1
DG _{HP}	Os010568_01	S4	3.204	0.000	P	110.453	P	1017.902	P	637.859	LOC_Os01g60260.2
DG _{HP}	Os010592_01	S4	0.000	1.894	P	2041.223	P	2238.927	P	602.569	LOC_Os04g32310.1
DG _{HP}	Os010606_01	S4	4.611	0.000	P	190.094	P	4643.920	P	9020.575	LOC_Os10g02490.2
DG _{HP}	Os010623_01	S4	7.532	0.000	P	127.622	P	23618.982	P	35241.142	LOC_Os04g42490.1
DG _{HP}	Os010845_01	S4	0.000	1.586	P	207.401	P	314.744	P	104.807	-
DG _{HP}	Os010870_01	S4	0.000	1.764	P	217.095	P	492.140	P	144.923	-
DG _{HP}	Os010929_01	S4	0.000	1.800	P	268.787	P	341.274	P	98.030	LOC_Os01g27210.1
DG _{HP}	Os010930_01	S4	1.632	10.000	P	165.941	P	514.226	A	19.545	LOC_Os06g29730.1
DG _{HP}	Os011134_01	S4	1.622	0.000	P	200.299	P	616.668	P	866.956	LOC_Os01g37000.1
DG _{HP}	Os011337_01	S4	1.573	10.000	P	81.780	P	243.269	A	47.460	-
DG _{HP}	Os011344_01	S4	0.000	1.577	P	1612.553	P	1290.167	P	432.360	-
DG _{HP}	Os011442_01	S4	-1.385	0.000	P	553.245	P	211.856	P	180.051	LOC_Os01g53280.2
DG _{HP}	Os011506_01	S4	1.540	0.000	P	97.512	P	283.645	P	213.771	-
DG _{HP}	Os011562_01	S4	1.701	10.000	P	130.462	P	424.287	A	-30.154	LOC_Os04g08410.1
DG _{HP}	Os011563_01	S4	-1.222	10.000	P	862.368	P	369.617	A	17.904	LOC_Os03g13810.1
DG _{HP}	Os011581_01	S4	0.000	2.215	P	1219.595	P	1069.074	P	230.218	LOC_Os03g58580.1
DG _{HP}	Os011582_01	S4	0.000	1.531	P	272.352	P	423.628	P	146.590	LOC_Os03g13380.1
DG _{HP}	Os011585_01	S4	1.509	0.000	P	116.178	P	330.684	P	144.492	LOC_Os01g61890.1
DG _{HP}	Os011627_01	S4	0.000	1.454	P	326.524	P	339.838	P	124.080	LOC_Os05g38180.1
DG _{HP}	Os011630_01	S4	1.479	0.000	P	126.631	P	352.886	P	359.434	LOC_Os08g39440.2
DG _{HP}	Os011636_01	S4	1.749	0.000	P	90.514	P	304.346	P	217.773	LOC_Os08g36994.1
DG _{HP}	Os011643_01	S4	-1.490	0.000	P	1118.854	P	398.284	P	531.045	LOC_Os06g14420.1
DG _{HP}	Os011647_01	S4	0.000	1.575	P	1331.159	P	2374.875	P	797.148	LOC_Os02g51020.1

DG _{HP}	Os011700_01	S4	1.432	0.000	P	106.792	P	288.233	P	322.801	LOC_Os01g40330.1
DG _{HP}	Os011717_01	S4	0.000	1.616	P	252.519	P	350.290	P	114.310	LOC_Os04g47970.1
DG _{HP}	Os011721_01	S4	10.000	1.774	A	152.169	P	433.365	P	126.745	-
DG _{HP}	Os011789_01	S4	1.470	0.000	P	237.382	P	657.401	P	498.371	LOC_Os01g32080.1
DG _{HP}	Os011793_01	S4	0.000	1.511	P	1619.534	P	1731.509	P	607.380	LOC_Os03g20100.1
DG _{HP}	Os011803_01	S4	1.784	10.000	P	108.538	P	373.764	A	37.603	LOC_Os01g37770.1
DG _{HP}	Os011861_01	S4	0.000	1.588	P	190.738	P	386.969	P	128.701	LOC_Os08g39350.1
DG _{HP}	Os011874_01	S4	-1.221	0.000	P	1177.197	P	505.001	P	238.198	LOC_Os03g47610.8
DG _{HP}	Os011937_01	S4	1.434	1.935	P	176.105	P	475.743	P	124.422	LOC_Os08g44370.1
DG _{HP}	Os011939_01	S4	1.901	10.000	P	88.870	P	332.012	A	47.287	LOC_Os01g61320.2
DG _{HP}	Os011940_01	S4	1.476	10.000	P	84.343	P	234.565	A	25.399	LOC_Os07g08950.2
DG _{HP}	Os011973_01	S4	-1.620	0.000	P	1171.198	P	381.004	P	344.663	LOC_Os09g25760.1
DG _{HP}	Os011979_01	S4	0.000	1.678	P	471.488	P	947.023	P	295.887	LOC_Os06g35160.1
DG _{HP}	Os011982_01	S4	1.440	0.000	P	259.592	P	704.266	P	490.021	LOC_Os09g24990.2
DG _{HP}	Os012012_01	S4	1.560	0.000	P	93.821	P	276.599	P	230.021	LOC_Os04g47240.3
DG _{HP}	Os012028_01	S4	-1.148	0.000	P	8662.026	P	3909.461	P	8501.362	LOC_Os11g47760.1
DG _{HP}	Os012039_01	S4	0.000	-1.150	P	2341.457	P	1580.394	P	3506.575	LOC_Os03g14860.1
DG _{HP}	Os012095_01	S4	1.956	10.000	P	133.910	P	519.650	A	24.532	LOC_Os02g57060.1
DG _{HP}	Os012134_01	S4	0.000	1.468	P	344.218	P	406.801	P	147.071	LOC_Os08g04280.2
DG _{HP}	Os012153_01	S4	1.670	0.000	P	130.560	P	415.547	P	213.618	LOC_Os01g10890.1
DG _{HP}	Os012159_01	S4	1.930	0.000	P	206.206	P	785.575	P	1052.518	LOC_Os12g01140.1
DG _{HP}	Os012284_01	S4	1.487	0.000	P	142.702	P	399.889	P	327.076	LOC_Os09g16950.1
DG _{HP}	Os012314_01	S4	0.000	1.508	P	427.393	P	565.786	P	198.881	LOC_Os07g31380.1
DG _{HP}	Os012333_01	S4	1.489	10.000	P	114.190	P	320.485	A	35.160	LOC_Os02g49992.1
DG _{HP}	Os012349_01	S4	-1.400	0.000	P	3707.618	P	1405.222	P	2225.067	LOC_Os03g61220.1
DG _{HP}	Os012366_01	S4	0.000	1.443	P	169.782	P	226.510	P	83.292	LOC_Os07g06710.1
DG _{HP}	Os012383_01	S4	0.000	1.827	P	196.666	P	335.813	P	94.654	LOC_Os07g04240.1
DG _{HP}	Os012435_01	S4	1.606	0.000	P	281.402	P	856.895	P	940.066	LOC_Os05g41930.3
DG _{HP}	Os012453_01	S4	2.006	0.000	P	77.238	P	310.296	P	133.849	LOC_Os03g25720.1
DG _{HP}	Os012505_01	S4	0.000	1.581	P	373.937	P	464.058	P	155.140	LOC_Os04g48390.1
DG _{HP}	Os012533_01	S4	-1.391	0.000	P	1563.777	P	596.203	P	580.368	LOC_Os06g06290.3

DG _{HP}	Os012556_01	S4	0.000	1.725	P	283.402	P	346.745	P	104.863	LOC_Os02g51500.2
DG _{HP}	Os012583_01	S4	1.650	0.000	P	190.093	P	596.620	P	601.100	LOC_Os01g39960.1
DG _{HP}	Os012670_01	S4	2.353	0.000	P	176.773	P	903.287	P	627.695	LOC_Os04g33310.1
DG _{HP}	Os012695_01	S4	1.741	0.000	P	135.930	P	454.383	P	289.506	LOC_Os02g43519.1
DG _{HP}	Os012742_01	S4	0.000	1.550	P	109.334	P	267.857	P	91.452	LOC_Os07g16130.1
DG _{HP}	Os012762_01	S4	1.606	10.000	P	116.087	P	353.346	A	-11.731	LOC_Os09g39230.1
DG _{HP}	Os012828_01	S4	0.000	1.417	P	178.354	P	306.934	P	114.947	LOC_Os02g41470.3
DG _{HP}	Os012865_01	S4	0.000	1.573	P	463.035	P	516.768	P	173.671	LOC_Os11g04030.1
DG _{HP}	Os012890_01	S4	-1.992	0.000	P	1585.490	P	398.593	P	486.381	LOC_Os01g63620.1
DG _{HP}	Os012904_01	S4	0.000	1.402	P	177.480	P	362.216	P	137.075	LOC_Os12g02390.1
DG _{HP}	Os012910_01	S4	0.000	-1.624	P	429.694	P	402.015	P	1239.126	LOC_Os12g38170.1
DG _{HP}	Os012919_01	S4	0.000	-1.500	P	772.632	P	920.764	P	2603.706	LOC_Os01g11054.1
DG _{HP}	Os012922_01	S4	0.000	1.439	P	177.465	P	439.307	P	162.078	LOC_Os02g47410.2
DG _{HP}	Os012940_01	S4	1.447	0.000	P	112.819	P	307.495	P	153.704	LOC_Os03g42820.2
DG _{HP}	Os012943_01	S4	1.627	10.000	P	168.161	P	519.411	A	62.058	LOC_Os04g51809.1
DG _{HP}	Os012955_01	S4	-1.174	10.000	P	444.458	P	196.958	A	38.450	LOC_Os12g14440.1
DG _{HP}	Os012985_01	S4	1.574	10.000	P	112.851	P	335.944	A	-5.786	LOC_Os07g43720.1
DG _{HP}	Os013038_01	S4	0.000	1.523	P	601.461	P	660.578	P	229.826	LOC_Os02g53180.2
DG _{HP}	Os013059_01	S4	0.000	-1.843	P	758.147	P	394.541	P	1415.569	LOC_Os03g06630.1
DG _{HP}	Os013065_01	S4	1.907	10.000	P	74.641	P	279.901	A	9.658	LOC_Os03g02850.2
DG _{HP}	Os013118_01	S4	1.441	10.000	P	113.621	P	308.384	A	23.738	LOC_Os03g22420.1
DG _{HP}	Os013140_01	S4	1.957	10.000	P	70.823	P	274.974	A	59.465	LOC_Os07g28940.1
DG _{HP}	Os013160_01	S4	1.865	0.000	P	92.576	P	337.155	P	148.598	LOC_Os09g32450.1
DG _{HP}	Os013181_01	S4	0.000	1.526	P	117.982	P	269.029	P	93.405	LOC_Os04g52690.3
DG _{HP}	Os013188_01	S4	1.508	0.000	P	177.308	P	504.288	P	310.841	LOC_Os10g25570.2
DG _{HP}	Os013257_01	S4	1.799	0.000	P	61.713	P	214.682	P	95.899	LOC_Os04g36058.2
DG _{HP}	Os013275_01	S4	1.578	10.000	P	105.206	P	314.034	A	37.420	LOC_Os08g01320.1
DG _{HP}	Os013306_01	S4	2.266	10.000	P	84.712	P	407.539	A	50.177	-
DG _{HP}	Os013328_01	S4	1.511	10.000	P	107.347	P	305.931	A	44.898	LOC_Os04g58390.1
DG _{HP}	Os013375_01	S4	1.621	10.000	P	115.799	P	356.202	A	26.984	LOC_Os04g32110.1
DG _{HP}	Os013387_01	S4	0.000	1.496	P	368.349	P	455.148	P	161.422	-

DG _{HP}	Os013415_01	S4	1.894	0.000	P	114.837	P	426.802	P	172.218	LOC_Os01g12320.1
DG _{HP}	Os013432_01	S4	0.000	-1.186	P	1028.047	P	513.787	P	1168.713	-
DG _{HP}	Os013473_01	S4	0.000	1.459	P	185.088	P	252.812	P	91.984	LOC_Os02g48340.3
DG _{HP}	Os013490_01	S4	0.000	1.403	P	104.880	P	264.319	P	99.977	LOC_Os10g05020.1
DG _{HP}	Os013530_01	S4	0.000	1.953	P	616.154	P	482.351	P	124.593	LOC_Os08g30060.2
DG _{HP}	Os013539_01	S4	1.722	10.000	P	65.430	P	215.813	A	46.469	LOC_Os05g46890.1
DG _{HP}	Os013541_01	S4	1.683	0.000	P	119.919	P	385.122	P	485.252	LOC_Os10g22510.1
DG _{HP}	Os013556_01	S4	2.424	0.000	P	62.731	P	336.544	P	244.819	LOC_Os02g35560.1
DG _{HP}	Os013562_01	S4	0.000	1.789	P	222.729	P	316.945	P	91.722	LOC_Os12g06650.1
DG _{HP}	Os013653_01	S4	1.956	0.000	P	155.898	P	605.051	P	481.622	LOC_Os09g34140.2
DG _{HP}	Os013659_01	S4	-2.260	-1.158	P	3433.781	P	716.640	P	1599.216	LOC_Os03g60080.1
DG _{HP}	Os013665_01	S4	1.744	0.000	P	83.830	P	280.861	P	118.724	LOC_Os06g43560.1
DG _{HP}	Os013679_01	S4	10.000	1.710	A	151.796	P	478.736	P	146.316	LOC_Os07g39560.3
DG _{HP}	Os013684_01	S4	1.447	0.000	P	142.971	P	389.691	P	394.546	-
DG _{HP}	Os013728_01	S4	0.000	1.645	P	402.548	P	490.894	P	156.930	LOC_Os01g07250.1
DG _{HP}	Os013730_01	S4	1.515	0.000	P	77.798	P	222.397	P	146.891	LOC_Os03g08370.1
DG _{HP}	Os013775_01	S4	1.695	0.000	P	168.634	P	546.126	P	926.899	LOC_Os01g48930.1
DG _{HP}	Os013799_01	S4	1.910	0.000	P	69.183	P	259.931	P	114.094	LOC_Os08g39694.2
DG _{HP}	Os013819_01	S4	1.609	10.000	P	95.911	P	292.617	A	36.882	LOC_Os01g37050.1
DG _{HP}	Os013853_01	S4	1.732	10.000	P	81.002	P	269.135	A	40.034	LOC_Os02g10510.1
DG _{HP}	Os013889_01	S4	1.827	0.000	P	242.163	P	859.111	P	694.658	LOC_Os04g38750.1
DG _{HP}	Os013911_01	S4	0.000	1.662	P	167.616	P	308.539	P	97.481	LOC_Os07g34830.1
DG _{HP}	Os013918_01	S4	0.000	-1.178	P	517.418	P	288.416	P	652.558	LOC_Os09g29070.1
DG _{HP}	Os013945_01	S4	-1.591	0.000	P	1820.218	P	604.145	P	601.427	LOC_Os03g38950.1
DG _{HP}	Os013985_01	S4	1.562	10.000	P	96.597	P	285.295	A	-20.478	LOC_Os04g32330.1
DG _{HP}	Os013991_01	S4	0.000	1.567	P	670.246	P	581.812	P	196.358	LOC_Os02g57290.4
DG _{HP}	Os014025_01	S4	1.981	0.000	P	123.616	P	488.067	P	590.247	-
DG _{HP}	Os014115_01	S4	1.590	0.000	P	117.077	P	352.386	P	292.500	LOC_Os10g37860.1
DG _{HP}	Os014132_01	S4	2.056	0.000	P	67.965	P	282.672	P	216.491	LOC_Os06g14550.1
DG _{HP}	Os014147_01	S4	0.000	1.611	P	869.719	P	928.815	P	304.083	LOC_Os02g54990.2
DG _{HP}	Os014249_01	S4	0.000	-1.497	P	1705.887	P	1061.043	P	2994.888	LOC_Os06g28194.1

DG _{HP}	Os014252_01	S4	0.000	1.486	P	445.429	P	717.919	P	256.258	LOC_Os02g22260.1
DG _{HP}	Os014307_01	S4	-1.140	0.000	P	704.128	P	319.553	P	134.247	LOC_Os07g32630.1
DG _{HP}	Os014364_01	S4	2.778	-1.683	P	347.372	P	2382.061	P	7650.920	LOC_Os01g45914.1
DG _{HP}	Os014412_01	S4	10.000	2.238	A	166.035	P	611.126	P	129.537	LOC_Os04g35700.1
DG _{HP}	Os014548_01	S4	2.023	10.000	P	84.945	P	345.164	A	25.581	LOC_Os05g49060.1
DG _{HP}	Os014656_01	S4	0.000	1.413	P	390.672	P	307.702	P	115.564	LOC_Os01g40820.1
DG _{HP}	Os014662_01	S4	0.000	1.813	P	494.338	P	394.158	P	112.190	LOC_Os03g17580.1
DG _{HP}	Os014712_01	S4	1.737	0.000	P	101.826	P	339.373	P	258.974	LOC_Os04g41460.1
DG _{HP}	Os014740_01	S4	1.758	0.000	P	1908.198	P	6453.257	P	6421.947	LOC_Os07g36080.1
DG _{HP}	Os014777_01	S4	-1.150	0.000	P	350.384	P	157.925	P	271.231	LOC_Os03g02750.1
DG _{HP}	Os014969_01	S4	-1.067	0.000	P	340.126	P	162.388	P	191.442	LOC_Os01g46570.1
DG _{HP}	Os015092_01	S4	-1.121	0.000	P	347.027	P	159.520	P	197.216	LOC_Os09g22000.1
DG _{HP}	Os015128_01	S4	-1.523	-1.553	P	400.136	P	139.208	P	408.442	LOC_Os02g04210.1
DG _{HP}	Os015155_01	S4	2.427	0.000	P	117.491	P	631.698	P	505.651	LOC_Os01g71590.3
DG _{HP}	Os015272_01	S4	-1.362	0.000	P	405.315	P	157.662	P	281.589	LOC_Os07g02780.1
DG _{HP}	Os015282_01	S4	-1.175	0.000	P	445.441	P	197.336	P	200.243	LOC_Os05g14180.1
DG _{HP}	Os015375_01	S4	0.000	-1.659	P	387.389	P	217.765	P	687.656	LOC_Os08g37390.1
DG _{HP}	Os015556_01	S4	-1.130	-1.280	P	334.223	P	152.705	P	370.816	LOC_Os03g41060.1
DG _{HP}	Os015684_01	S4	-1.100	0.000	P	830.777	P	387.687	P	244.118	-
DG _{HP}	Os015843_01	S4	-1.517	0.000	P	418.267	P	146.138	P	214.304	LOC_Os03g08310.1
DG _{HP}	Os015919_01	S4	-1.838	0.000	P	1165.453	P	326.030	P	279.465	LOC_Os03g44010.2
DG _{HP}	Os015934_01	S4	-1.432	0.000	P	2428.918	P	900.408	P	1508.315	LOC_Os04g54630.1
DG _{HP}	Os015952_01	S4	1.851	0.000	P	499.703	P	1802.787	P	2350.812	LOC_Os10g37280.1
DG _{HP}	Os015981_01	S4	0.000	1.638	P	329.090	P	382.708	P	122.980	LOC_Os04g36050.1
DG _{HP}	Os016112_01	S4	-1.100	0.000	P	435.703	P	203.224	P	295.330	LOC_Os04g38720.1
DG _{HP}	Os016132_01	S4	3.079	0.000	P	184.648	P	1560.633	P	2686.555	LOC_Os04g14190.1
DG _{HP}	Os016152_01	S4	1.516	0.000	P	874.575	P	2501.430	P	3347.606	-
DG _{HP}	Os016162_01	S4	0.000	1.527	P	351.876	P	362.419	P	125.740	LOC_Os11g38800.2
DG _{HP}	Os016183_01	S4	-1.037	0.000	P	386.902	P	188.556	P	259.947	-
DG _{HP}	Os016221_01	S4	-1.199	0.000	P	444.684	P	193.759	P	250.765	LOC_Os05g02060.1
DG _{HP}	Os016404_01	S4	1.608	0.000	P	1246.669	P	3800.107	P	6181.756	LOC_Os01g15610.1

DG _{HP}	Os016477_01	S4	-1.087	0.000	P	430.653	P	202.723	P	260.788	LOC_Os04g10160.1
DG _{HP}	Os016486_01	S4	0.000	1.452	P	286.979	P	335.665	P	122.663	LOC_Os05g07090.1
DG _{HP}	Os016859_01	S4	-1.728	0.000	P	1032.905	P	311.803	P	438.177	LOC_Os05g37520.1
DG _{HP}	Os016868_01	S4	-1.643	0.000	P	458.943	P	146.969	P	196.566	LOC_Os01g51980.1
DG _{HP}	Os016869_01	S4	-1.291	0.000	P	6824.568	P	2789.788	P	3208.289	LOC_Os01g08700.6
DG _{HP}	Os016907_01	S4	0.000	1.836	P	639.559	P	387.323	P	108.476	LOC_Os11g40590.3
DG _{HP}	Os016919_01	S4	0.000	1.731	P	871.153	P	1434.147	P	431.981	LOC_Os02g01590.1
DG _{HP}	Os016931_01	S4	0.000	1.463	P	331.039	P	341.925	P	123.987	LOC_Os11g11100.1
DG _{HP}	Os017149_01	S4	0.000	-1.256	P	1275.499	P	1646.397	P	3931.311	LOC_Os03g01030.1
DG _{HP}	Os017243_01	S4	-1.331	0.000	P	355.602	P	141.380	P	193.424	LOC_Os03g49380.1
DG _{HP}	Os017305_01	S4	0.000	-1.228	P	619.981	P	1249.267	P	2927.048	-
DG _{HP}	Os017440_01	S4	-1.050	0.000	P	438.055	P	211.628	P	230.772	LOC_Os10g01134.1
DG _{HP}	Os017728_01	S4	-1.173	0.000	P	366.341	P	162.478	P	189.676	LOC_Os03g63730.1
DG _{HP}	Os017734_01	S4	-1.066	0.000	P	337.881	P	161.350	P	202.982	LOC_Os03g02720.1
DG _{HP}	Os017820_01	S4	0.000	1.404	P	1269.154	P	838.610	P	316.947	LOC_Os04g36062.1
DG _{HP}	Os017851_01	S4	-1.398	-1.280	P	4084.627	P	1550.383	P	3763.643	LOC_Os06g22960.1
DG _{HP}	Os017861_01	S4	-1.140	0.000	P	469.838	P	213.225	P	187.218	LOC_Os01g67030.1
DG _{HP}	Os017943_01	S4	-1.974	0.000	P	5174.799	P	1316.784	P	1641.251	LOC_Os07g12340.1
DG _{HP}	Os017954_01	S4	0.000	1.866	P	926.876	P	856.205	P	234.847	LOC_Os08g04840.1
DG _{HP}	Os018043_01	S4	-1.384	0.000	P	607.031	P	232.536	P	305.749	LOC_Os02g30840.1
DG _{HP}	Os018061_01	S4	-1.157	0.000	P	442.731	P	198.579	P	189.746	LOC_Os03g15120.1
DG _{HP}	Os018086_01	S4	-1.347	0.000	P	1244.132	P	489.154	P	388.490	-
DG _{HP}	Os018190_01	S4	0.000	1.900	P	444.104	P	410.004	P	109.872	LOC_Os01g43700.2
DG _{HP}	Os018196_01	S4	-1.484	0.000	P	872.117	P	311.686	P	192.298	LOC_Os03g55070.2
DG _{HP}	Os018214_01	S4	0.000	1.607	P	516.618	P	467.041	P	153.299	LOC_Os08g12750.2
DG _{HP}	Os018265_01	S4	-1.129	0.000	P	1089.470	P	498.240	P	403.221	LOC_Os11g05260.1
DG _{HP}	Os018314_01	S4	-1.219	0.000	P	1844.997	P	792.369	P	474.849	LOC_Os01g50050.1
DG _{HP}	Os018329_01	S4	-1.718	0.000	P	4979.525	P	1513.425	P	3247.300	LOC_Os03g19720.1
DG _{HP}	Os018334_01	S4	-1.098	-1.883	P	3780.974	P	1766.311	P	6516.096	LOC_Os03g50870.1
DG _{HP}	Os018361_01	S4	-1.377	0.000	P	584.048	P	224.840	P	171.287	LOC_Os05g39930.1
DG _{HP}	Os018411_01	S4	0.000	1.493	P	138.789	P	198.268	P	70.462	LOC_Os11g43510.1

DG _{HP}	Os018535_01	S4	0.000	-1.673	P	1565.398	P	1294.047	P	4127.347	LOC_Os12g38180.1
DG _{HP}	Os018550_01	S4	-1.108	0.000	P	962.182	P	446.417	P	306.862	LOC_Os06g08740.1
DG _{HP}	Os018766_01	S4	-1.280	0.000	P	2146.747	P	883.796	P	571.001	LOC_Os04g40670.1
DG _{HP}	Os018818_01	S4	-1.092	0.000	P	897.818	P	421.055	P	390.993	-
DG _{HP}	Os018989_01	S4	0.000	2.352	P	1147.847	P	876.495	P	171.634	LOC_Os02g56850.3
DG _{HP}	Os018995_01	S4	-1.216	0.000	P	413.716	P	178.155	P	119.684	LOC_Os03g15710.1
DG _{HP}	Os019078_01	S4	0.000	-1.269	P	297.168	P	156.434	P	377.099	-
DG _{HP}	Os019092_01	S4	0.000	1.417	P	137.461	P	221.055	P	82.782	LOC_Os01g74530.2
DG _{HP}	Os019192_01	S4	0.000	1.454	P	171.600	P	274.577	P	100.231	LOC_Os05g07650.1
DG _{HP}	Os019223_01	S4	0.000	-1.235	P	826.232	P	580.677	P	1366.588	LOC_Os11g38650.1
DG _{HP}	Os019298_01	S4	0.000	1.504	P	686.474	P	656.151	P	231.374	LOC_Os04g35570.1
DG _{HP}	Os019400_01	S4	-2.028	0.000	P	1397.183	P	342.639	P	289.000	LOC_Os01g70790.1
DG _{HP}	Os019412_01	S4	0.000	1.655	P	528.494	P	439.362	P	139.471	LOC_Os04g56140.1
DG _{HP}	Os019413_01	S4	0.000	-1.461	P	693.819	P	808.471	P	2225.290	LOC_Os07g49110.1
DG _{HP}	Os019688_01	S4	0.000	-1.174	P	1010.166	P	1122.853	P	2534.019	LOC_Os04g02820.2
DG _{HP}	Os019712_01	S4	1.847	0.000	P	327.278	P	1177.192	P	1817.385	LOC_Os02g11060.1
DG _{HP}	Os019787_01	S4	0.000	2.023	P	822.405	P	685.078	P	168.524	LOC_Os05g33100.1
DG _{HP}	Os019923_01	S4	-1.312	0.000	P	386.814	P	155.743	P	292.445	LOC_Os01g51890.1
DG _{HP}	Os019947_01	S4	0.000	1.551	P	364.197	P	255.620	P	87.252	LOC_Os11g12050.2
DG _{HP}	Os020041_01	S4	0.000	1.421	P	210.486	P	299.230	P	111.774	LOC_Os01g64010.2
DG _{HP}	Os020206_01	S4	0.000	1.483	P	242.880	P	298.670	P	106.828	LOC_Os03g63500.1
DG _{HP}	Os020291_01	S4	0.000	-1.405	P	815.152	P	746.315	P	1975.693	LOC_Os09g24640.1
DG _{HP}	Os020301_01	S4	0.000	1.445	P	306.641	P	326.159	P	119.774	LOC_Os06g40370.1
DG _{HP}	Os020308_01	S4	1.985	0.000	P	143.853	P	569.388	P	331.633	LOC_Os02g48840.1
DG _{HP}	Os020318_01	S4	1.449	0.000	P	183.327	P	500.420	P	638.566	LOC_Os07g14160.3
DG _{HP}	Os020363_01	S4	0.000	-1.177	P	854.799	P	436.029	P	985.577	LOC_Os02g21260.1
DG _{HP}	Os020383_01	S4	1.522	0.000	P	131.478	P	377.686	P	204.794	LOC_Os02g50320.1
DG _{HP}	Os020392_01	S4	0.000	1.585	P	2922.037	P	6328.376	P	2108.836	LOC_Os03g15050.2
DG _{HP}	Os020398_01	S4	1.577	0.000	P	375.939	P	1121.695	P	1233.734	LOC_Os03g54000.1
DG _{HP}	Os020411_01	S4	-1.379	-1.884	P	3326.786	P	1279.020	P	4719.485	LOC_Os08g39140.1
DG _{HP}	Os020450_01	S4	0.000	1.769	P	653.615	P	560.854	P	164.506	LOC_Os08g34950.1

DG _{HP}	Os020479_01	S4	-1.090	0.000	P	510.458	P	239.727	P	178.450	LOC_Os03g03280.1
DG _{HP}	Os020525_01	S4	-1.049	0.000	P	346.586	P	167.537	P	203.411	-
DG _{HP}	Os020529_01	S4	-1.273	0.000	P	877.483	P	363.203	P	641.605	LOC_Os01g57420.1
DG _{HP}	Os020541_01	S4	0.000	-1.279	P	331.133	P	200.233	P	486.031	LOC_Os01g37842.1
DG _{HP}	Os020547_01	S4	0.000	-1.308	P	308.704	P	256.775	P	635.973	LOC_Os03g10850.2
DG _{HP}	Os020576_01	S4	1.613	0.000	P	202.768	P	620.327	P	1163.569	LOC_Os03g56270.2
DG _{HP}	Os020623_01	S4	-1.866	-1.799	P	4435.230	P	1216.686	P	4233.845	LOC_Os07g49400.2
DG _{HP}	Os020828_01	S4	-1.063	0.000	P	375.785	P	179.882	P	255.453	LOC_Os07g48280.2
DG _{HP}	Os020948_01	S4	0.000	1.633	P	614.873	P	456.864	P	147.299	LOC_Os04g46880.2
DG _{HP}	Os020972_01	S4	0.000	1.513	P	294.069	P	342.281	P	119.900	LOC_Os03g60150.2
DG _{HP}	Os021076_01	S4	0.000	1.680	P	212.326	P	250.779	P	78.248	LOC_Os01g03110.1
DG _{HP}	Os021148_01	S4	0.000	1.422	P	205.678	P	225.703	P	84.259	LOC_Os03g55270.1
DG _{HP}	Os021391_01	S4	0.000	-1.336	P	1953.787	P	1706.069	P	4307.824	LOC_Os03g12670.2
DG _{HP}	Os021429_01	S4	1.680	0.000	P	119.355	P	382.515	P	255.040	LOC_Os12g20390.4
DG _{HP}	Os021555_01	S4	0.000	1.641	P	474.283	P	366.419	P	117.456	LOC_Os05g04530.1
DG _{HP}	Os021575_01	S4	0.000	1.501	P	516.195	P	478.288	P	168.944	LOC_Os02g28820.1
DG _{HP}	Os021682_01	S4	-1.070	0.000	P	332.830	P	158.536	P	179.465	LOC_Os02g10380.1
DG _{HP}	Os021788_01	S4	0.000	1.739	P	524.009	P	360.129	P	107.870	LOC_Os07g10480.1
DG _{HP}	Os021870_01	S4	0.000	-1.285	P	312.520	P	626.661	P	1526.750	LOC_Os07g41060.1
DG _{HP}	Os021893_01	S4	-1.684	0.000	P	862.866	P	268.502	P	581.146	LOC_Os09g35030.1
DG _{HP}	Os021916_01	S4	1.452	0.000	P	475.001	P	1299.834	P	510.025	LOC_Os03g56950.4
DG _{HP}	Os022009_01	S4	-1.045	0.000	P	411.163	P	199.274	P	137.103	LOC_Os09g35630.1
DG _{HP}	Os022024_01	S4	-1.151	0.000	P	1051.795	P	473.773	P	261.665	LOC_Os02g03840.1
DG _{HP}	Os022090_01	S4	1.802	0.000	P	79.130	P	275.904	P	275.554	LOC_Os04g47250.1
DG _{HP}	Os022142_01	S4	-1.831	0.000	P	1887.977	P	530.528	P	717.915	LOC_Os09g31200.1
DG _{HP}	Os022247_01	S4	-1.049	0.000	P	800.753	P	387.022	P	456.444	LOC_Os03g26910.1
DG _{HP}	Os022291_01	S4	-1.708	-1.170	P	2410.155	P	737.822	P	1660.655	LOC_Os03g16880.1
DG _{HP}	Os022390_01	S4	1.580	0.000	P	137.088	P	409.938	P	352.182	-
DG _{HP}	Os022442_01	S4	2.622	0.000	P	126.988	P	781.851	P	1018.231	-
DG _{HP}	Os022597_01	S4	1.757	0.000	P	551.597	P	1864.589	P	936.143	LOC_Os11g17930.1
DG _{HP}	Os023251_01	S4	3.301	0.000	P	130.423	P	1285.709	P	736.444	-

DG _{HP}	Os023424_01	S4	1.585	10.000	P	100.082	P	300.263	A	45.440	-
DG _{HP}	Os023709_01	S4	-1.062	0.000	P	469.030	P	224.719	P	232.337	-
DG _{HP}	Os023935_01	S4	0.000	1.538	P	1299.618	P	1101.919	P	379.552	-
DG _{HP}	Os023944_01	S4	1.705	0.000	P	103.274	P	336.635	P	165.323	LOC_Os09g28650.1
DG _{HP}	Os023968_01	S4	1.631	1.727	P	122.568	P	379.678	P	114.725	LOC_Os06g34730.1
DG _{HP}	Os023998_01	S4	0.000	1.435	P	948.499	P	979.145	P	362.185	LOC_Os08g42570.1
DG _{HP}	Os024073_01	S4	0.000	2.478	P	694.039	P	778.085	P	139.627	-
DG _{HP}	Os024099_01	S4	-1.286	0.000	P	479.203	P	196.536	P	307.271	LOC_Os01g51690.1
DG _{HP}	Os024100_01	S4	0.000	-1.513	P	251.651	P	418.044	P	1193.111	LOC_Os05g03750.1
DG _{HP}	Os024213_01	S4	0.000	1.589	P	803.433	P	806.136	P	267.891	LOC_Os12g36930.1
DG _{HP}	Os024340_01	S4	0.000	-1.300	P	541.938	P	560.600	P	1380.489	LOC_Os02g48380.1
DG _{HP}	Os024561_01	S4	0.000	-2.181	P	952.276	P	497.943	P	2257.630	LOC_Os04g01740.1
DG _{HP}	Os024737_01	S4	0.000	1.642	P	220.659	P	374.177	P	119.928	LOC_Os01g01660.1
DG _{HP}	Os024767_01	S4	1.622	0.000	P	329.992	P	1015.879	P	655.361	LOC_Os03g59360.1
DG _{HP}	Os024882_01	S4	-1.104	0.000	P	786.453	P	365.935	P	410.671	LOC_Os09g31120.1
DG _{HP}	Os025022_01	S4	1.554	0.000	P	78.598	P	230.865	P	175.788	LOC_Os04g41700.4
DG _{HP}	Os025567_01	S4	0.000	1.424	P	361.001	P	591.951	P	220.665	LOC_Os11g28270.3
DG _{HP}	Os025691_01	S4	0.000	1.430	P	215.576	P	367.939	P	136.540	LOC_Os11g38790.2
DG _{HP}	Os025757_01	S4	1.593	0.000	P	101.769	P	307.077	P	299.671	LOC_Os05g33390.1
DG _{HP}	Os025787_01	S4	0.000	4.119	P	23473.327	P	21224.196	P	1221.412	LOC_Os12g04980.1
DG _{HP}	Os025872_01	S4	0.000	1.548	P	873.453	P	1055.401	P	360.828	LOC_Os11g01450.1
DG _{HP}	Os026025_01	S4	0.000	1.668	P	1026.865	P	695.380	P	218.847	LOC_Os02g02930.1
DG _{HP}	Os026150_01	S4	2.236	0.000	P	273.431	P	1288.337	P	1886.239	LOC_Os01g07620.1
DG _{HP}	Os026289_01	S4	0.000	-1.172	P	175.166	P	168.843	P	380.322	-
DG _{HP}	Os026463_01	S4	0.000	1.725	P	230.567	P	282.160	P	85.346	LOC_Os03g06000.1
DG _{HP}	Os026917_01	S4	-2.279	0.000	P	8111.820	P	1671.559	P	2616.135	LOC_Os04g52250.1
DG _{HP}	Os027884_01	S4	0.000	1.416	P	516.374	P	524.637	P	196.557	LOC_Os04g49600.1
DG _{HP}	Os028023_01	S4	0.000	-1.150	P	390.255	P	338.238	P	750.553	LOC_Os01g04630.1
DG _{HP}	Os028605_01	S4	-2.693	0.000	P	1847.279	P	285.586	P	531.154	LOC_Os02g06380.1
DG _{HP}	Os028650_01	S4	0.000	1.574	P	175.833	P	358.965	P	120.572	LOC_Os01g10970.1
DG _{HP}	Os028680_01	S4	2.516	0.000	P	176.619	P	1010.529	P	1334.953	LOC_Os07g06100.1

DG _{HP}	Os028716_01	S4	0.000	2.819	P	654.475	P	554.809	P	78.628	LOC_Os02g07320.1
DG _{HP}	Os029341_01	S4	0.000	-1.723	P	170.720	P	154.771	P	511.076	LOC_Os01g68780.1
DG _{HP}	Os029713_01	S4	-1.069	0.000	P	8561.171	P	4079.924	P	1944.936	LOC_Os07g30990.1
DG _{HP}	Os029818_01	S4	0.000	-1.312	P	280.163	P	175.631	P	436.010	LOC_Os01g45940.1
DG _{HP}	Os029823_01	S4	0.000	-1.260	P	974.871	P	925.464	P	2215.951	-
DG _{HP}	Os029861_01	S4	0.000	-1.219	P	154.481	P	189.592	P	441.345	LOC_Os04g11190.1
DG _{HP}	Os029900_01	S4	0.000	-1.736	P	241.954	P	258.609	P	861.352	-
DG _{HP}	Os029917_01	S4	0.000	-1.223	P	237.743	P	243.813	P	569.239	LOC_Os08g37590.1
DG _{HP}	Os029919_01	S4	0.000	-1.377	P	187.069	P	218.429	P	567.399	LOC_Os11g41630.1
DG _{HP}	Os029941_01	S4	0.000	-1.560	P	296.143	P	173.409	P	511.251	LOC_Os09g11030.1
DG _{HP}	Os029948_01	S4	0.000	-1.233	P	238.867	P	327.908	P	770.697	LOC_Os10g08610.1
DG _{HP}	Os029961_01	S4	0.000	-1.815	P	226.949	P	171.516	P	603.354	LOC_Os01g62280.1
DG _{HP}	Os030032_01	S4	1.460	0.000	P	117.719	P	323.840	P	555.294	LOC_Os06g48560.1
DG _{HP}	Os030080_01	S4	-1.189	0.000	P	752.900	P	330.269	P	554.948	LOC_Os03g45450.1
DG _{HP}	Os030155_01	S4	0.000	-3.924	P	165.288	P	334.314	P	5074.039	LOC_Os02g14080.1
DG _{HP}	Os030295_01	S4	2.477	0.000	P	2246.705	P	12508.171	P	24811.688	LOC_Os12g08150.1
DG _{HP}	Os030571_01	S4	0.000	-1.799	P	245.808	P	199.757	P	695.318	LOC_Os08g43880.1
DG _{HP}	Os030593_01	S4	0.000	-1.189	P	186.616	P	207.294	P	472.521	LOC_Os03g50760.1
DG _{HP}	Os030630_01	S4	0.000	-1.639	P	144.045	P	207.942	P	647.831	LOC_Os03g26470.1
DG _{HP}	Os030714_01	S4	0.000	-1.544	P	158.475	P	156.536	P	456.538	LOC_Os01g43510.1
DG _{HP}	Os030892_01	S4	0.000	-1.152	P	226.179	P	200.046	P	444.410	LOC_Os02g41930.1
DG _{HP}	Os030944_01	S4	0.000	1.586	P	527.936	P	580.215	P	193.230	LOC_Os02g19790.1
DG _{HP}	Os030993_01	S4	0.000	-2.379	P	338.510	P	361.250	P	1879.004	-
DG _{HP}	Os031060_01	S4	0.000	1.445	P	150.824	P	259.595	P	95.332	-
DG _{HP}	Os031100_01	S4	0.000	-1.490	P	167.047	P	159.558	P	448.201	LOC_Os11g31140.1
DG _{HP}	Os031550_01	S4	0.000	-1.373	P	359.340	P	360.715	P	934.493	LOC_Os04g10924.1
DG _{HP}	Os031740_01	S4	0.000	1.933	P	832.534	P	513.149	P	134.399	LOC_Os07g05890.1
DG _{HP}	Os031745_01	S4	1.815	0.000	P	3188.687	P	11221.626	P	19808.633	-
DG _{HP}	Os031754_01	S4	0.000	1.452	P	235.379	P	263.663	P	96.400	LOC_Os08g31070.1
DG _{HP}	Os031779_01	S4	-1.098	0.000	P	384.134	P	179.450	P	128.784	-
DG _{HP}	Os032085_01	S4	0.000	-1.933	P	145.794	P	185.783	P	709.633	LOC_Os06g10980.1

DG _{HP}	Os032441_01	S4	0.000	-1.755	P	190.922	P	314.971	P	1062.853	LOC_Os03g29470.1
DG _{HP}	Os032459_01	S4	0.000	-1.649	P	96.981	P	178.984	P	561.184	LOC_Os02g44560.1
DG _{HP}	Os032489_01	S4	0.000	-4.401	P	127.711	P	276.961	P	5849.591	LOC_Os06g38080.1
DG _{HP}	Os032845_01	S4	0.000	-1.218	P	539.441	P	407.087	P	947.279	LOC_Os02g56260.1
DG _{HP}	Os032846_01	S4	0.000	-1.943	P	270.014	P	234.601	P	902.263	LOC_Os08g33600.1
DG _{HP}	Os032854_01	S4	0.000	-1.276	P	290.027	P	227.247	P	550.432	LOC_Os09g25080.1
DG _{HP}	Os032863_01	S4	0.000	-1.507	P	234.089	P	285.075	P	810.266	-
DG _{HP}	Os032876_01	S4	0.000	-1.165	P	198.445	P	197.213	P	442.203	LOC_Os12g32160.1
DG _{HP}	Os032927_01	S4	0.000	1.462	P	286.447	P	326.324	P	118.443	LOC_Os01g03380.1
DG _{HP}	Os032935_01	S4	0.000	-1.298	P	226.584	P	170.789	P	419.936	LOC_Os06g45920.1
DG _{HP}	Os033054_01	S4	0.000	-1.908	P	162.008	P	160.838	P	603.510	-
DG _{HP}	Os033126_01	S4	0.000	-1.285	P	318.440	P	255.807	P	623.336	-
DG _{HP}	Os033134_01	S4	0.000	-1.244	P	240.422	P	169.644	P	401.912	LOC_Os07g22360.1
DG _{HP}	Os033145_01	S4	-1.332	0.000	P	721.813	P	286.766	P	599.974	LOC_Os01g49880.1
DG _{HP}	Os033147_01	S4	0.000	-1.446	P	199.518	P	172.952	P	471.285	LOC_Os04g10370.1
DG _{HP}	Os033148_01	S4	0.000	-1.640	P	462.270	P	332.732	P	1036.760	LOC_Os08g32550.1
DG _{HP}	Os033149_01	S4	0.000	-1.849	P	232.757	P	199.098	P	717.015	LOC_Os08g32560.1
DG _{HP}	Os033172_01	S4	0.000	-2.157	P	236.986	P	250.108	P	1115.154	LOC_Os03g31790.1
DG _{HP}	Os033599_01	S4	0.000	-1.240	P	349.570	P	459.609	P	1085.525	LOC_Os12g04710.1
DG _{HP}	Os033675_01	S4	0.000	-1.183	P	205.510	P	195.781	P	444.440	LOC_Os08g39000.1
DG _{HP}	Os033950_01	S4	0.000	1.496	P	455.606	P	428.803	P	152.002	-
DG _{HP}	Os034051_01	S4	0.000	-1.376	P	171.639	P	183.824	P	476.980	LOC_Os05g25670.1
DG _{HP}	Os034271_01	S4	0.000	1.475	P	657.648	P	489.161	P	175.951	LOC_Os09g09230.1
DG _{HP}	Os034759_01	S4	0.000	2.490	P	6599.000	P	3807.500	P	677.710	LOC_Os04g13090.1
DG _{HP}	Os035262_01	S4	0.000	-1.706	P	118.700	P	202.874	P	662.105	LOC_Os05g32060.1
DG _{HP}	Os035714_01	S4	0.000	1.446	P	144.343	P	288.155	P	105.770	LOC_Os04g02970.1
DG _{HP}	Os035879_01	S4	0.000	-1.253	P	183.829	P	188.976	P	450.502	-
DG _{HP}	Os036341_01	S4	0.000	1.555	P	389.146	P	345.307	P	117.537	LOC_Os07g05510.1
DG _{HP}	Os036618_01	S4	1.544	0.000	P	6494.155	P	18937.344	P	15423.703	LOC_Os04g33830.1
DG _{HP}	Os037234_01	S4	0.000	2.476	P	1080.291	P	836.987	P	150.453	LOC_Os07g11440.1
DG _{HP}	Os037264_01	S4	-1.082	0.000	P	882.589	P	416.789	P	513.619	LOC_Os01g11620.1

DG _{HP}	Os037569_01	S4	0.000	1.481	P	327.076	P	359.670	P	128.839	LOC_Os01g18710.1
DG _{HP}	Os037594_01	S4	-1.481	-1.448	P	2160.760	P	774.182	P	2112.860	-
DG _{HP}	Os037667_01	S4	-1.425	0.000	P	621.076	P	231.320	P	312.398	LOC_Os10g26380.1
DG _{HP}	Os037668_01	S4	1.712	0.000	P	2940.253	P	9635.683	P	17165.011	LOC_Os04g40120.1
DG _{HP}	Os037793_01	S4	0.000	1.435	P	319.695	P	307.507	P	113.742	LOC_Os03g17130.1
DG _{HP}	Os038136_01	S4	1.505	0.000	P	184.758	P	524.222	P	572.311	LOC_Os08g14990.1
DG _{HP}	Os038269_01	S4	-1.868	10.000	P	721.451	P	197.680	A	27.593	LOC_Os05g16980.1
DG _{HP}	Os038303_01	S4	1.458	0.000	P	122.015	P	335.198	P	253.733	LOC_Os03g62270.1
DG _{HP}	Os038923_01	S4	0.000	1.661	P	357.685	P	315.860	P	99.908	LOC_Os11g05830.1
DG _{HP}	Os039479_01	S4	0.000	2.014	P	210.393	P	288.137	P	71.346	LOC_Os05g02140.1
DG _{HP}	Os039580_01	S4	0.000	1.796	P	1759.927	P	945.870	P	272.475	LOC_Os02g40180.1
DG _{HP}	Os039707_01	S4	1.780	0.000	P	139.641	P	479.485	P	559.973	-
DG _{HP}	Os039819_01	S4	-1.294	0.000	P	793.478	P	323.630	P	193.561	LOC_Os12g40260.1
DG _{HP}	Os039978_01	S4	0.000	1.660	P	502.972	P	528.769	P	167.323	-
DG _{HP}	Os040011_01	S4	0.000	2.177	P	319.851	P	342.186	P	75.688	LOC_Os04g07930.1
DG _{HP}	Os040237_01	S4	0.000	1.431	P	290.996	P	280.062	P	103.902	LOC_Os02g22770.1
DG _{HP}	Os040328_01	S4	1.664	0.000	P	125.124	P	396.470	P	368.672	LOC_Os05g31400.1
DG _{HP}	Os040491_01	S4	-1.094	0.000	P	2751.170	P	1288.945	P	1013.686	LOC_Os01g52910.1
DG _{HP}	Os040604_01	S4	0.000	1.447	P	151.499	P	218.116	P	80.013	LOC_Os04g27820.1
DG _{HP}	Os040796_01	S4	0.000	-1.839	P	147.932	P	161.152	P	576.508	LOC_Os04g55400.1
DG _{HP}	Os040811_01	S4	1.475	0.000	P	146.361	P	407.000	P	434.683	LOC_Os12g03500.1
DG _{HP}	Os041146_01	S4	-1.284	10.000	P	1455.716	P	597.844	A	77.240	-
DG _{HP}	Os041269_01	S4	2.069	0.000	P	112.040	P	469.960	P	800.391	LOC_Os10g01500.1
DG _{HP}	Os041507_01	S4	1.430	0.000	P	661.399	P	1781.578	P	1244.270	-
DG _{HP}	Os041571_01	S4	0.000	1.502	P	258.374	P	594.782	P	210.062	LOC_Os07g02870.1
DG _{HP}	Os041663_01	S4	1.444	0.000	P	204.716	P	557.160	P	379.618	LOC_Os01g70080.1
DG _{HP}	Os041845_01	S4	1.616	0.000	P	102.517	P	314.321	P	460.383	LOC_Os02g29540.1
DG _{HP}	Os042004_01	S4	0.000	1.532	P	424.140	P	444.127	P	153.571	LOC_Os06g14640.1
DG _{HP}	Os042013_01	S4	2.161	-1.159	P	4661.550	P	20841.968	P	46528.396	LOC_Os08g19330.1
DG _{HP}	Os042186_01	S4	0.000	1.642	P	251.970	P	423.398	P	135.637	LOC_Os04g43030.1
DG _{HP}	Os042203_01	S4	1.687	1.519	P	112.355	P	361.646	P	126.191	-

DG _{HP}	Os042254_01	S4	-1.189	0.000	P	1697.654	P	744.545	P	1417.752	LOC_Os02g26380.1
DG _{HP}	Os042854_01	S4	0.000	-1.317	P	7454.280	P	5041.625	P	12562.052	LOC_Os04g26880.1
DG _{HP}	Os043003_01	S4	1.471	0.000	P	123.472	P	342.354	P	307.457	LOC_Os05g31190.1
DG _{HP}	Os043072_01	S4	0.000	1.499	P	183.670	P	221.188	P	78.279	-
DG _{HP}	Os043100_01	S4	1.441	0.000	P	248.410	P	674.604	P	419.015	LOC_Os08g37070.1
DG _{HP}	Os043332_01	S4	-1.112	0.000	P	1377.243	P	637.174	P	571.848	LOC_Os01g07800.1
DG _{HP}	Os043356_01	S4	1.641	10.000	P	100.832	P	314.556	A	37.952	LOC_Os04g50930.1
DG _{HP}	Os043463_01	S4	0.000	1.413	P	138.733	P	257.282	P	96.627	LOC_Os05g09280.1
DG _{HP}	Os043507_01	S4	0.000	-1.383	P	459.293	P	504.832	P	1316.366	LOC_Os10g21040.1
DG _{HP}	Os043570_01	S4	1.762	10.000	P	96.773	P	328.307	A	0.387	LOC_Os05g43100.1
DG _{HP}	Os043715_01	S4	1.975	0.000	P	101.660	P	399.695	P	529.770	LOC_Os10g39070.1
DG _{HP}	Os043803_01	S4	0.000	1.922	P	649.536	P	698.264	P	184.283	LOC_Os04g20280.1
DG _{HP}	Os044283_01	S4	1.772	0.000	P	271.537	P	927.299	P	688.208	-
DG _{HP}	Os044300_01	S4	-1.741	2.115	P	47812.906	P	14303.377	P	3301.022	LOC_Os05g11320.1
DG _{HP}	Os044500_01	S4	0.000	1.825	P	338.116	P	414.398	P	116.978	LOC_Os05g02110.1
DG _{HP}	Os044617_01	S4	2.064	-1.248	P	1169.763	P	4889.638	P	11612.922	-
DG _{HP}	Os044797_01	S4	2.182	0.000	P	83.710	P	379.820	P	287.910	LOC_Os09g19180.1
DG _{HP}	Os044961_01	S4	0.000	1.980	P	294.821	P	429.862	P	108.991	LOC_Os03g24880.1
DG _{HP}	Os045117_01	S4	1.454	0.000	P	561.879	P	1539.465	P	2282.026	LOC_Os06g06310.1
DG _{HP}	Os045207_01	S4	1.538	0.000	P	990.916	P	2877.874	P	5077.840	-
DG _{HP}	Os045312_01	S4	-1.107	0.000	P	502.527	P	233.327	P	288.264	-
DG _{HP}	Os045347_01	S4	1.943	0.000	P	306.513	P	1178.336	P	1494.422	LOC_Os06g18120.1
DG _{HP}	Os045359_01	S4	1.756	0.000	P	406.518	P	1372.924	P	2373.585	LOC_Os06g09250.1
DG _{HP}	Os045474_01	S4	0.000	-1.416	P	546.221	P	311.324	P	830.984	LOC_Os06g11610.1
DG _{HP}	Os045513_01	S4	-1.412	0.000	P	464.170	P	174.440	P	227.933	LOC_Os04g36790.1
DG _{HP}	Os045565_01	S4	2.614	-1.186	P	265.063	P	1623.183	P	3693.918	LOC_Os10g09630.1
DG _{HP}	Os045577_01	S4	1.845	0.000	P	1138.655	P	4089.516	P	6179.461	LOC_Os12g07990.1
DG _{HP}	Os045664_01	S4	1.626	0.000	P	1376.601	P	4248.104	P	5699.891	LOC_Os02g25890.1
DG _{HP}	Os045704_01	S4	-1.274	0.000	P	481.538	P	199.142	P	344.235	LOC_Os08g04360.1
DG _{HP}	Os045733_01	S4	-1.086	0.000	P	347.134	P	163.535	P	192.757	LOC_Os06g39810.1
DG _{HP}	Os045835_01	S4	0.000	-1.481	P	309.269	P	197.707	P	551.724	LOC_Os12g32050.1

DG _{HP}	Os046324_01	S4	0.000	1.433	P	204.365	P	295.977	P	109.632	LOC_Os12g02420.2
DG _{HP}	Os046413_01	S4	1.503	0.000	P	239.450	P	678.554	P	1012.207	LOC_Os02g11990.1
DG _{HP}	Os046725_01	S4	-1.046	0.000	P	311.880	P	151.046	P	165.480	LOC_Os10g20420.1
DG _{HP}	Os046869_01	S4	-1.121	0.000	P	355.513	P	163.423	P	231.526	LOC_Os11g30250.1
DG _{HP}	Os046947_01	S4	-1.293	0.000	P	359.603	P	146.736	P	262.947	-
DG _{HP}	Os047001_01	S4	-1.078	0.000	P	475.875	P	225.338	P	210.925	LOC_Os03g13400.1
DG _{HP}	Os047219_01	S4	0.000	-1.226	P	345.737	P	352.366	P	824.196	LOC_Os02g39170.1
DG _{HP}	Os047260_01	S4	-1.073	0.000	P	7293.100	P	3467.319	P	3490.072	LOC_Os06g34840.1
DG _{HP}	Os047459_01	S4	1.838	0.000	P	745.318	P	2664.496	P	4430.438	LOC_Os01g12940.1
DG _{HP}	Os047560_01	S4	0.000	1.538	P	1182.619	P	1336.583	P	460.155	LOC_Os07g12890.1
DG _{HP}	Os047880_01	S4	1.738	0.000	P	277.669	P	926.222	P	1227.911	-
DG _{HP}	Os048336_01	S4	0.000	-1.232	P	193.581	P	269.195	P	632.513	LOC_Os01g61490.1
DG _{HP}	Os048421_01	S4	-1.038	0.000	P	356.580	P	173.631	P	133.829	LOC_Os04g47480.1
DG _{HP}	Os048704_01	S4	-1.428	0.000	P	539.005	P	200.337	P	206.000	-
DG _{HP}	Os048713_01	S4	0.000	-1.224	P	534.776	P	825.742	P	1928.644	LOC_Os11g27090.1
DG _{HP}	Os049013_01	S4	1.655	0.000	P	112.071	P	352.880	P	385.869	LOC_Os02g29170.1
DG _{HP}	Os049649_01	S4	1.436	0.000	P	220.448	P	596.649	P	931.317	-
DG _{HP}	Os051250_01	S4	0.000	1.869	P	904.855	P	862.616	P	236.229	-
DG _{HP}	Os051869_01	S4	0.000	-3.008	P	173.269	P	158.138	P	1272.576	LOC_Os11g45090.1
DG _{HP}	Os051905_01	S4	-1.417	0.000	P	3726.059	P	1395.766	P	2454.747	LOC_Os01g74450.1
DG _{HP}	Os051916_01	S4	0.000	1.453	P	13385.812	P	9660.851	P	3529.827	LOC_Os06g46770.2
DG _{HP}	Os051940_01	S4	0.000	1.495	P	1567.469	P	1810.720	P	642.411	LOC_Os10g39410.1
DG _{HP}	Os051959_01	S4	-1.148	0.000	P	15055.415	P	6792.165	P	4905.820	LOC_Os02g02400.1
DG _{HP}	Os051981_01	S4	0.000	1.608	P	3238.451	P	3139.995	P	1029.835	LOC_Os11g47809.1
DG _{HP}	Os051997_01	S4	1.838	0.000	P	114.323	P	408.733	P	171.092	LOC_Os04g54280.1
DG _{HP}	Os052000_01	S4	-1.334	0.000	P	5244.337	P	2079.767	P	3184.090	LOC_Os01g66120.1
DG _{HP}	Os052050_01	S4	-1.116	0.000	P	12053.435	P	5560.807	P	5502.655	LOC_Os01g64960.1
DG _{HP}	Os052084_01	S4	0.000	3.153	P	1661.197	P	896.892	P	100.825	LOC_Os11g32650.1
DG _{HP}	Os052123_01	S4	0.000	1.942	P	469.776	P	981.299	P	255.349	LOC_Os06g04920.1
DG _{HP}	Os052145_01	S4	0.000	-1.500	P	260.263	P	155.936	P	440.960	LOC_Os01g53730.1
DG _{HP}	Os052160_01	S4	-1.252	0.000	P	493.567	P	207.189	P	357.554	LOC_Os01g58420.1

DG _{HP}	Os052161_01	S4	1.679	0.000	P	134.796	P	431.650	P	519.688	LOC_Os02g02960.4
DG _{HP}	Os052234_01	S4	0.000	1.815	P	1424.245	P	1158.667	P	329.260	-
DG _{HP}	Os052269_01	S4	0.000	1.746	P	213.475	P	334.802	P	99.844	LOC_Os06g35530.1
DG _{HP}	Os052281_01	S4	0.000	-1.223	P	4058.469	P	4188.169	P	9779.753	LOC_Os07g46460.1
DG _{HP}	Os052310_01	S4	0.000	1.697	P	270.589	P	376.796	P	116.237	LOC_Os08g43640.1
DG _{HP}	Os052323_01	S4	1.576	0.000	P	201.698	P	601.448	P	535.003	LOC_Os03g61260.2
DG _{HP}	Os052340_01	S4	0.000	1.440	P	307.964	P	389.012	P	143.377	LOC_Os07g04500.1
DG _{HP}	Os052473_01	S4	0.000	1.443	P	503.660	P	507.904	P	186.756	LOC_Os08g09240.2
DG _{HP}	Os052700_01	S4	-1.659	0.000	P	827.824	P	262.101	P	300.288	LOC_Os06g13190.1
DG _{HP}	Os052724_01	S4	-1.139	0.000	P	585.420	P	265.853	P	180.296	LOC_Os03g14910.1
DG _{HP}	Os052911_01	S4	1.986	0.000	P	98.336	P	389.588	P	513.198	LOC_Os08g04500.1
DG _{HP}	Os052943_01	S4	-1.053	-1.646	P	361.034	P	174.056	P	544.774	LOC_Os01g45570.1
DG _{HP}	Os053035_01	S4	0.000	1.407	P	365.262	P	414.457	P	156.288	-
DG _{HP}	Os053047_01	S4	0.000	1.464	P	260.415	P	319.019	P	115.614	LOC_Os07g47350.1
DG _{HP}	Os053372_01	S4	0.000	-1.782	P	87.639	P	177.205	P	609.355	LOC_Os01g03500.1
DG _{HP}	Os053553_01	S4	-1.363	0.000	P	511.639	P	198.972	P	328.801	LOC_Os01g54880.1
DG _{HP}	Os053631_01	S4	1.429	0.000	P	96.715	P	260.413	P	188.185	LOC_Os01g14890.1
DG _{HP}	Os053642_01	S4	0.000	1.570	P	269.844	P	466.301	P	157.081	LOC_Os01g67490.2
DG _{HP}	Os053857_01	S4	-1.276	0.000	P	827.735	P	341.898	P	432.478	LOC_Os01g40070.1
DG _{HP}	Os053922_01	S4	-1.406	0.000	P	1496.732	P	564.937	P	624.394	LOC_Os08g36500.1
DG _{HP}	Os053954_01	S4	-1.037	0.000	P	536.186	P	261.387	P	182.535	-
DG _{HP}	Os054011_01	S4	0.000	-1.258	P	368.633	P	322.660	P	771.444	LOC_Os01g03420.1
DG _{HP}	Os054316_01	S4	1.662	0.000	P	98.029	P	310.152	P	201.876	LOC_Os12g32360.1
DG _{HP}	Os054377_01	S4	1.559	10.000	P	105.271	P	310.100	A	83.426	LOC_Os05g31140.1
DG _{HP}	Os054482_01	S4	-1.391	0.000	P	3257.434	P	1242.006	P	1801.668	LOC_Os05g49890.1
DG _{HP}	Os054491_01	S4	1.589	0.000	P	311.942	P	938.283	P	1757.764	-
DG _{HP}	Os054496_01	S4	-1.420	0.000	P	1373.624	P	513.345	P	889.670	LOC_Os08g41390.2
DG _{HP}	Os054539_01	S4	2.068	0.000	P	5393.622	P	22611.517	P	12846.402	LOC_Os09g30340.1
DG _{HP}	Os054553_01	S4	-1.134	0.000	P	1166.944	P	531.782	P	599.779	LOC_Os08g44340.1
DG _{HP}	Os054638_01	S4	-1.280	-1.273	P	445.270	P	183.371	P	443.147	-
DG _{HP}	Os054673_01	S4	-1.913	-1.187	P	3324.826	P	882.667	P	2009.564	LOC_Os03g55540.1

DG _{HP}	Os054682_01	S4	-1.389	0.000	P	808.446	P	308.608	P	341.367	LOC_Os03g17700.1
DG _{HP}	Os054699_01	S4	0.000	1.443	P	7260.443	P	6897.873	P	2537.490	-
DG _{HP}	Os054741_01	S4	2.208	-1.477	P	177.272	P	819.139	P	2279.495	-
DG _{HP}	Os054764_01	S4	0.000	1.446	P	700.147	P	750.031	P	275.218	LOC_Os04g01540.1
DG _{HP}	Os054785_01	S4	-3.121	-2.439	P	1662.833	P	191.130	P	1036.574	LOC_Os01g09220.1
DG _{HP}	Os054951_01	S4	-1.038	0.000	P	1003.375	P	488.485	P	586.550	LOC_Os01g50700.1
DG _{HP}	Os054974_01	S4	-1.552	0.000	P	489.237	P	166.798	P	248.643	-
DG _{HP}	Os055029_01	S4	-1.065	0.000	P	578.146	P	276.385	P	172.518	LOC_Os01g14440.1
DG _{HP}	Os055108_01	S4	1.732	0.000	P	96.413	P	320.206	P	292.759	LOC_Os06g23430.2
DG _{HP}	Os055142_01	S4	-1.066	0.000	P	667.238	P	318.810	P	510.692	LOC_Os04g58890.1
DG _{HP}	Os055148_01	S4	1.555	0.000	P	753.553	P	2213.462	P	1356.321	LOC_Os03g55030.1
DG _{HP}	Os055171_01	S4	-2.062	0.000	P	2318.477	P	555.413	P	937.648	LOC_Os06g04230.1
DG _{HP}	Os055222_01	S4	1.430	0.000	P	259.652	P	699.799	P	430.686	LOC_Os01g59060.1
DG _{HP}	Os055237_01	S4	0.000	1.556	P	200.722	P	315.997	P	107.449	LOC_Os07g45570.1
DG _{HP}	Os055517_01	S4	-1.556	0.000	P	958.081	P	325.753	P	644.418	LOC_Os02g10860.1
DG _{HP}	Os055644_01	S4	0.000	1.412	P	2211.992	P	1182.623	P	444.442	LOC_Os01g61400.1
DG _{HP}	Os055679_01	S4	1.910	0.000	P	124.426	P	467.558	P	199.903	LOC_Os01g12270.1
DG _{HP}	Os055739_02	S4	-1.529	0.000	P	1598.744	P	553.990	P	640.828	-
DG _{HP}	Os056149_01	S4	0.000	-1.161	P	1482.428	P	1839.015	P	4112.828	LOC_Os01g22249.1
DG _{HP}	Os056222_01	S4	-1.706	0.000	P	1561.296	P	478.703	P	539.060	LOC_Os06g01580.1
DG _{HP}	Os056527_01	S4	1.559	0.000	P	137.983	P	406.439	P	173.598	-
DG _{HP}	Os056638_01	S4	0.000	-1.209	P	427.361	P	253.988	P	587.288	-
DG _{HP}	Os056903_02	S4	0.000	-1.518	P	296.311	P	199.233	P	570.662	LOC_Os01g59510.1
DG _{HP}	Os057614_02	S4	1.572	0.000	P	317.493	P	943.723	P	605.481	LOC_Os06g22060.1
DG _{HP}	Os057647_02	S4	2.014	-1.359	P	145.488	P	587.464	P	1507.323	-
DG _{HP}	GeneID	period	log2(Ratio(L/9))	log2(Ratio(L/P))		Fi.pncle_9311.flag	Fi.pncle_9311	Fi.pncle_LYP9.flag	Fi.pncle_LYP9		
	Fi.pncle_PA64s.flag		Fi.pncle_PA64s	-							
DG _{HP}	Os000128_01	S7	0.000	-1.771	P	1285.015	P	1244.609	P	4248.274	LOC_Os06g12740.1
DG _{HP}	Os000151_01	S7	0.000	-1.448	P	168.742	P	210.424	P	574.097	LOC_Os10g41260.1
DG _{HP}	Os000174_01	S7	0.749	-1.522	P	285.199	P	479.445	P	1377.014	LOC_Os04g17100.1
DG _{HP}	Os000187_01	S7	0.824	0.000	P	2841.371	P	5028.433	P	2692.982	LOC_Os03g63360.1

DG _{HP}	Os000205_01	S7	-1.013	0.000	P	907.306	P	449.457	P	231.751	LOC_Os04g42860.1
DG _{HP}	Os000208_01	S7	-1.197	0.000	P	1219.405	P	532.046	P	380.437	LOC_Os02g09150.1
DG _{HP}	Os000219_01	S7	0.000	1.606	P	784.479	P	758.077	P	249.094	LOC_Os09g36830.1
DG _{HP}	Os000237_01	S7	0.955	1.641	P	1530.755	P	2967.486	P	951.167	LOC_Os01g71190.1
DG _{HP}	Os000254_01	S7	-1.204	-1.577	P	1446.448	P	627.798	P	1873.277	-
DG _{HP}	Os000273_01	S7	0.000	1.773	P	2014.882	P	1773.771	P	519.033	LOC_Os04g48490.1
DG _{HP}	Os000277_01	S7	-0.774	0.000	P	309.044	P	180.698	A	92.809	LOC_Os09g33450.1
DG _{HP}	Os000342_01	S7	-0.967	0.000	P	1286.412	P	657.881	P	422.973	LOC_Os10g34180.2
DG _{HP}	Os000367_01	S7	-0.999	0.000	P	606.857	P	303.603	P	572.187	LOC_Os06g01850.1
DG _{HP}	Os000386_01	S7	0.000	-1.753	P	259.690	P	310.364	P	1046.275	LOC_Os06g08670.1
DG _{HP}	Os000403_01	S7	0.000	-1.879	P	225.449	P	277.639	P	1021.110	LOC_Os12g08260.2
DG _{HP}	Os000416_01	S7	0.000	-1.538	P	302.537	P	234.585	P	681.090	LOC_Os08g39450.1
DG _{HP}	Os000439_01	S7	-0.786	0.000	P	826.313	P	479.192	P	305.741	LOC_Os02g57110.1
DG _{HP}	Os000442_01	S7	-1.271	0.000	P	1080.669	P	447.880	P	197.044	LOC_Os03g01320.1
DG _{HP}	Os000481_01	S7	0.000	1.807	P	1068.972	P	1309.457	P	374.306	-
DG _{HP}	Os000533_01	S7	0.000	1.656	P	1496.825	P	1282.926	P	406.989	LOC_Os06g10760.1
DG _{HP}	Os000548_01	S7	1.085	0.000	P	124.249	P	263.655	P	314.831	LOC_Os07g09040.1
DG _{HP}	Os000616_01	S7	0.788	0.000	P	12085.327	P	20874.019	P	11776.126	LOC_Os05g34854.2
DG _{HP}	Os000743_01	S7	0.000	1.621	P	1398.898	P	1017.784	P	330.887	LOC_Os04g42580.1
DG _{HP}	Os000805_01	S7	-0.806	0.000	P	269.111	P	153.879	A	81.146	LOC_Os09g20820.1
DG _{HP}	Os000842_01	S7	0.000	-1.746	A	85.181	P	283.486	P	950.685	LOC_Os12g33130.1
DG _{HP}	Os001004_01	S7	0.729	0.000	P	5185.630	P	8592.550	P	4982.624	LOC_Os01g58310.1
DG _{HP}	Os001215_01	S7	-1.163	0.000	P	2977.952	P	1329.994	P	2350.544	LOC_Os03g55450.2
DG _{HP}	Os001367_01	S7	0.000	1.852	P	4107.665	P	4379.878	P	1213.111	LOC_Os11g40590.3
DG _{HP}	Os001606_01	S7	0.000	-1.612	P	588.794	P	560.455	P	1712.922	LOC_Os06g44450.1
DG _{HP}	Os001620_01	S7	0.981	0.000	P	152.529	P	301.056	P	348.193	LOC_Os07g16610.1
DG _{HP}	Os001651_01	S7	0.000	-1.414	A	93.194	P	141.372	P	376.737	LOC_Os02g50640.1
DG _{HP}	Os001657_01	S7	0.000	-1.883	P	191.559	P	240.375	P	886.512	LOC_Os07g48090.1
DG _{HP}	Os001666_01	S7	-0.845	0.000	P	333.414	P	185.552	A	79.221	LOC_Os04g49680.1
DG _{HP}	Os001738_01	S7	-1.410	0.000	P	731.343	P	275.141	P	373.306	LOC_Os02g41860.2
DG _{HP}	Os001786_01	S7	0.000	-1.961	A	101.315	P	137.138	P	534.057	LOC_Os02g09980.1

DG _{HP}	Os001934_01	S7	0.000	-3.169	A	32.753	P	223.707	P	2012.557	-
DG _{HP}	Os001936_01	S7	0.000	-2.057	A	187.543	P	522.065	P	2173.004	LOC_Os06g30390.1
DG _{HP}	Os001958_01	S7	-0.978	-1.960	P	872.823	P	443.067	P	1723.710	LOC_Os02g37060.1
DG _{HP}	Os002063_01	S7	0.902	0.000	P	162.381	P	303.448	P	205.793	LOC_Os04g38360.1
DG _{HP}	Os002094_01	S7	-0.935	-2.285	P	333.130	P	174.255	P	849.295	LOC_Os12g36840.1
DG _{HP}	Os002104_02	S7	0.000	-1.486	P	177.375	P	140.321	P	393.153	-
DG _{HP}	Os002138_01	S7	0.000	-1.437	P	432.997	P	587.907	P	1591.915	-
DG _{HP}	Os002150_01	S7	0.000	-1.951	P	1163.173	P	968.803	P	3746.676	LOC_Os03g30470.1
DG _{HP}	Os002197_01	S7	-1.216	0.000	P	1047.101	P	450.700	A	111.619	LOC_Os01g63250.1
DG _{HP}	Os002390_01	S7	-0.872	-2.708	P	1477.486	P	807.518	P	5276.541	LOC_Os07g05360.1
DG _{HP}	Os002472_01	S7	0.000	-1.828	P	145.697	P	131.322	P	466.377	LOC_Os06g17570.1
DG _{HP}	Os002678_01	S7	-1.304	0.000	P	741.529	P	300.393	P	486.546	LOC_Os05g03920.1
DG _{HP}	Os002918_01	S7	0.000	-1.686	P	148.564	P	189.428	P	609.602	LOC_Os05g38680.1
DG _{HP}	Os003371_01	S7	0.000	-1.473	A	150.424	P	340.337	P	944.861	LOC_Os11g09970.1
DG _{HP}	Os004153_02	S7	1.803	0.000	P	208.079	P	726.018	P	1231.754	-
DG _{HP}	Os004239_02	S7	0.842	0.000	P	2494.314	P	4470.328	P	1873.541	-
DG _{HP}	Os004406_01	S7	0.000	-2.469	P	272.024	P	247.754	P	1372.030	LOC_Os09g28390.1
DG _{HP}	Os005094_01	S7	0.000	-1.955	P	335.015	P	313.453	P	1214.933	-
DG _{HP}	Os005478_01	S7	0.000	-1.580	P	438.114	P	654.943	P	1958.421	LOC_Os08g45060.1
DG _{HP}	Os005879_01	S7	0.000	1.603	P	499.508	P	462.485	P	152.267	LOC_Os09g37610.1
DG _{HP}	Os005908_01	S7	0.000	2.452	P	4786.331	P	3586.348	P	655.235	LOC_Os07g45210.1
DG _{HP}	Os005941_01	S7	-0.881	-1.525	P	4899.527	P	2661.314	P	7660.775	LOC_Os09g31300.1
DG _{HP}	Os005944_01	S7	0.000	-1.650	P	4649.063	P	2816.973	P	8842.303	LOC_Os04g51070.1
DG _{HP}	Os005953_01	S7	0.000	-1.831	P	6894.917	P	4086.208	P	14540.769	LOC_Os06g30020.1
DG _{HP}	Os005956_01	S7	0.000	-1.577	P	3175.466	P	1968.680	P	5872.722	LOC_Os03g18710.1
DG _{HP}	Os005967_01	S7	0.000	-1.447	P	5244.253	P	3405.615	P	9286.472	LOC_Os07g08360.1
DG _{HP}	Os005968_01	S7	0.000	-1.432	P	1490.832	P	938.107	P	2531.824	LOC_Os06g03750.1
DG _{HP}	Os006016_01	S7	0.000	-1.741	P	1449.582	P	1012.828	P	3384.467	LOC_Os01g25386.1
DG _{HP}	Os006047_01	S7	0.807	0.000	P	3138.534	P	5492.890	P	2607.688	LOC_Os10g30600.2
DG _{HP}	Os006201_01	S7	0.943	0.000	P	328.709	P	631.835	P	241.685	LOC_Os03g09290.1
DG _{HP}	Os006414_01	S7	-0.791	1.827	P	3490.680	P	2017.392	P	568.777	LOC_Os01g51020.1

DG _{HP}	Os006571_01	S7	0.000	-1.933	P	1872.397	P	1115.453	P	4259.027	LOC_Os05g01350.1
DG _{HP}	Os006619_01	S7	0.000	2.182	P	591.052	P	636.172	P	140.223	LOC_Os06g44310.1
DG _{HP}	Os007263_01	S7	0.000	-1.607	A	72.747	P	205.702	P	626.573	LOC_Os12g33150.1
DG _{HP}	Os007273_01	S7	-0.846	0.000	P	607.463	P	337.987	P	342.777	LOC_Os03g05920.1
DG _{HP}	Os008399_01	S7	0.000	3.246	P	2857.417	P	2114.532	P	222.915	LOC_Os08g40930.1
DG _{HP}	Os008437_01	S7	0.782	0.000	P	6608.431	P	11360.928	P	5427.503	LOC_Os02g02410.1
DG _{HP}	Os008441_01	S7	0.000	1.937	P	2287.317	P	3124.832	P	815.888	LOC_Os03g49190.1
DG _{HP}	Os008529_01	S7	1.314	0.000	P	412.438	P	1025.706	P	1663.889	LOC_Os07g02210.2
DG _{HP}	Os008556_01	S7	-0.833	-1.914	P	1293.375	P	726.247	P	2737.759	LOC_Os02g44630.2
DG _{HP}	Os008617_01	S7	0.000	1.553	P	1060.186	P	832.128	P	283.573	LOC_Os07g33680.1
DG _{HP}	Os008633_01	S7	-1.141	0.000	P	757.999	P	343.649	P	222.670	LOC_Os04g32560.2
DG _{HP}	Os008680_01	S7	0.000	1.699	P	462.826	P	354.394	P	109.124	LOC_Os02g18410.1
DG _{HP}	Os008681_01	S7	0.000	1.577	P	416.436	P	335.047	P	112.263	LOC_Os06g45000.2
DG _{HP}	Os008707_01	S7	0.000	1.551	P	1814.761	P	1758.295	P	600.086	LOC_Os03g13730.1
DG _{HP}	Os008737_01	S7	0.000	1.613	P	1097.786	P	1213.528	P	396.695	LOC_Os08g34190.1
DG _{HP}	Os008778_01	S7	-0.780	0.000	P	7913.996	P	4608.067	P	2457.547	LOC_Os05g31000.1
DG _{HP}	Os008783_01	S7	0.000	1.679	P	3803.112	P	2399.436	P	749.351	LOC_Os01g16890.1
DG _{HP}	Os008822_01	S7	-0.829	0.000	P	7834.684	P	4411.278	P	3186.722	LOC_Os03g41110.1
DG _{HP}	Os008842_01	S7	0.000	-1.831	P	405.530	P	373.109	P	1327.652	LOC_Os11g39020.1
DG _{HP}	Os008855_01	S7	-1.427	0.000	P	2253.914	P	838.177	P	1128.025	-
DG _{HP}	Os008905_01	S7	0.000	-1.377	P	1318.405	P	1389.046	P	3608.556	LOC_Os06g37000.2
DG _{HP}	Os008912_01	S7	-0.962	0.000	P	688.528	P	353.441	P	295.547	LOC_Os03g27230.1
DG _{HP}	Os008917_01	S7	-0.882	0.000	P	870.728	P	472.451	P	219.129	LOC_Os05g22940.1
DG _{HP}	Os008947_01	S7	-1.983	0.000	P	5345.580	P	1351.780	P	612.866	LOC_Os08g08980.1
DG _{HP}	Os008979_01	S7	0.000	-1.577	P	411.685	P	270.115	P	805.685	LOC_Os01g17170.1
DG _{HP}	Os009002_01	S7	1.072	0.000	P	8843.264	P	18591.217	P	10179.434	LOC_Os05g42000.1
DG _{HP}	Os009120_01	S7	-1.423	0.000	P	6024.391	P	2246.459	P	1313.047	LOC_Os08g13440.2
DG _{HP}	Os009124_01	S7	0.000	-1.820	P	17511.060	P	17881.057	P	63128.533	LOC_Os12g02310.1
DG _{HP}	Os009127_01	S7	-1.021	0.000	P	453.756	P	223.535	A	74.261	LOC_Os03g41675.1
DG _{HP}	Os009299_01	S7	0.000	1.862	P	409.139	P	476.102	P	130.936	LOC_Os06g39260.1
DG _{HP}	Os009300_01	S7	-0.886	0.000	P	1154.110	P	624.434	P	246.999	LOC_Os07g30154.1

DG _{HP}	Os009387_01	S7	0.000	1.981	P	1835.114	P	1736.436	P	439.728	LOC_Os07g42600.1
DG _{HP}	Os009416_01	S7	0.000	1.636	P	731.548	P	612.978	P	197.283	LOC_Os03g27010.1
DG _{HP}	Os009458_01	S7	0.000	1.937	P	406.489	P	422.677	P	110.352	LOC_Os08g06420.1
DG _{HP}	Os009562_01	S7	0.000	-2.411	P	283.426	P	270.415	P	1437.986	LOC_Os03g22270.1
DG _{HP}	Os009610_01	S7	-0.830	0.000	P	268.269	P	150.919	P	138.475	-
DG _{HP}	Os009688_01	S7	1.200	0.000	P	132.963	P	305.474	P	308.182	LOC_Os01g55650.1
DG _{HP}	Os009698_01	S7	0.000	1.740	P	1967.651	P	2302.513	P	689.452	-
DG _{HP}	Os009786_01	S7	-0.789	0.000	P	348.928	P	201.887	P	127.598	LOC_Os03g24020.1
DG _{HP}	Os009788_01	S7	0.000	1.489	P	423.867	P	445.627	P	158.799	LOC_Os05g07040.1
DG _{HP}	Os009821_01	S7	0.000	-1.913	P	205.738	P	210.827	P	793.803	LOC_Os03g46660.1
DG _{HP}	Os009835_01	S7	-0.838	0.000	P	959.743	P	536.945	P	1004.580	LOC_Os12g36830.1
DG _{HP}	Os009844_01	S7	0.000	-1.414	P	302.703	P	243.487	P	648.947	LOC_Os12g08730.1
DG _{HP}	Os009880_01	S7	0.000	1.735	P	684.549	P	430.684	P	129.357	LOC_Os05g08990.1
DG _{HP}	Os009883_01	S7	-1.100	0.000	P	2326.338	P	1085.259	P	2000.573	LOC_Os02g51080.1
DG _{HP}	Os009887_01	S7	0.000	2.096	P	1893.730	P	1776.716	P	415.685	LOC_Os03g16440.1
DG _{HP}	Os009986_01	S7	0.795	-1.383	P	493.559	P	856.647	P	2234.047	-
DG _{HP}	Os010088_01	S7	0.000	1.515	P	3633.581	P	2310.419	P	808.317	LOC_Os03g14530.1
DG _{HP}	Os010113_01	S7	0.000	-1.545	P	657.438	P	442.118	P	1289.692	LOC_Os08g34210.1
DG _{HP}	Os010136_01	S7	0.000	1.589	P	1162.622	P	809.595	P	269.170	LOC_Os11g06730.1
DG _{HP}	Os010147_01	S7	-0.996	0.000	P	630.860	P	316.351	P	764.358	LOC_Os12g43670.1
DG _{HP}	Os010219_01	S7	1.343	0.000	P	210.075	P	532.747	P	454.034	-
DG _{HP}	Os010230_01	S7	0.000	1.505	P	623.957	P	542.157	P	191.061	-
DG _{HP}	Os010257_01	S7	-0.833	0.000	P	917.765	P	515.253	A	66.061	LOC_Os02g47130.1
DG _{HP}	Os010262_01	S7	0.845	0.000	P	300.756	P	540.375	P	590.084	LOC_Os07g45790.1
DG _{HP}	Os010444_01	S7	0.000	1.815	P	641.147	P	427.603	P	121.554	-
DG _{HP}	Os010471_01	S7	-0.773	0.000	P	1267.527	P	741.685	P	815.222	-
DG _{HP}	Os010519_01	S7	0.000	1.623	P	267.718	P	402.605	P	130.684	LOC_Os04g31460.1
DG _{HP}	Os010543_01	S7	0.934	1.521	P	264.501	P	505.417	P	176.106	LOC_Os02g24700.1
DG _{HP}	Os010687_01	S7	0.931	0.000	P	390.470	P	744.493	P	624.389	LOC_Os02g03060.1
DG _{HP}	Os010761_01	S7	-0.996	0.000	P	1165.486	P	584.165	P	1202.738	-
DG _{HP}	Os010778_01	S7	0.000	-1.380	P	208.493	P	212.618	P	553.455	LOC_Os09g31438.1

DG _{HP}	Os010812_01	S7	0.760	0.000	P	120.761	P	204.543	P	196.198	LOC_Os04g51450.1
DG _{HP}	Os010857_01	S7	-1.103	0.000	P	1347.752	P	627.638	P	469.098	-
DG _{HP}	Os010884_01	S7	0.000	1.515	P	1595.072	P	1103.586	P	386.011	LOC_Os12g03110.1
DG _{HP}	Os010961_01	S7	0.000	-1.548	P	197.952	P	200.441	P	586.189	-
DG _{HP}	Os011110_01	S7	0.000	2.447	P	673.905	P	698.478	P	128.119	LOC_Os01g47130.1
DG _{HP}	Os011125_01	S7	0.000	-2.257	P	360.254	P	303.347	P	1450.355	LOC_Os08g40680.1
DG _{HP}	Os011262_01	S7	0.000	-1.399	P	270.726	P	207.513	P	547.397	LOC_Os02g52150.2
DG _{HP}	Os011327_01	S7	-1.084	0.000	P	354.959	P	167.407	A	96.439	LOC_Os02g31030.1
DG _{HP}	Os011374_01	S7	-0.799	0.000	P	437.238	P	251.296	P	379.980	LOC_Os12g33944.1
DG _{HP}	Os011394_01	S7	0.000	-1.602	P	210.180	P	250.074	P	758.884	LOC_Os12g34110.1
DG _{HP}	Os011401_01	S7	0.000	-1.624	P	189.045	P	212.512	P	654.832	LOC_Os10g31856.1
DG _{HP}	Os011415_01	S7	0.000	-2.104	P	1717.589	P	1236.608	P	5317.170	LOC_Os12g10604.1
DG _{HP}	Os011443_01	S7	0.722	0.000	P	4410.726	P	7275.233	P	3760.505	LOC_Os03g25340.1
DG _{HP}	Os011451_01	S7	0.747	1.563	P	244.290	P	410.044	P	138.737	LOC_Os07g43250.1
DG _{HP}	Os011578_01	S7	0.000	-2.294	P	391.761	P	399.472	P	1958.851	LOC_Os03g38730.1
DG _{HP}	Os011660_01	S7	0.000	-1.381	P	215.755	P	160.763	P	418.700	LOC_Os06g45820.1
DG _{HP}	Os011722_01	S7	0.000	-1.638	P	265.456	P	346.017	P	1077.294	LOC_Os03g03390.1
DG _{HP}	Os011780_01	S7	-0.880	0.000	P	583.379	P	317.072	P	188.367	LOC_Os01g66300.1
DG _{HP}	Os011824_01	S7	0.000	1.515	P	1896.482	P	1797.458	P	628.874	LOC_Os09g27420.1
DG _{HP}	Os011849_01	S7	0.000	1.519	P	1130.670	P	899.301	P	313.852	LOC_Os09g36230.1
DG _{HP}	Os011851_01	S7	0.000	-1.582	P	554.291	P	560.189	P	1677.178	LOC_Os05g04630.6
DG _{HP}	Os011930_01	S7	0.000	-1.579	P	182.667	P	223.707	P	668.374	LOC_Os08g38460.1
DG _{HP}	Os011998_01	S7	0.992	0.000	P	218.228	P	433.929	P	213.670	LOC_Os02g33770.1
DG _{HP}	Os012005_01	S7	-0.944	0.000	P	2896.106	P	1505.271	P	1517.368	LOC_Os03g58640.1
DG _{HP}	Os012084_01	S7	0.731	0.000	P	199.118	P	330.530	A	181.160	LOC_Os06g10690.1
DG _{HP}	Os012239_01	S7	-1.553	0.000	P	3427.573	P	1168.023	P	1554.487	-
DG _{HP}	Os012277_01	S7	0.000	1.748	P	826.118	P	1350.935	P	402.120	LOC_Os05g49170.1
DG _{HP}	Os012299_01	S7	0.000	2.041	P	4632.289	P	3453.092	P	839.165	LOC_Os09g38030.1
DG _{HP}	Os012311_01	S7	-1.267	0.000	P	3618.807	P	1503.610	P	2981.143	LOC_Os03g63150.2
DG _{HP}	Os012346_01	S7	0.000	-1.421	P	168.170	P	160.555	P	430.007	LOC_Os02g55120.1
DG _{HP}	Os012349_01	S7	0.000	-1.452	A	99.514	P	124.362	P	340.266	LOC_Os03g61220.1

DG _{HP}	Os012425_01	S7	0.784	0.000	P	159.818	P	275.205	P	368.004	-
DG _{HP}	Os012450_01	S7	0.726	0.000	P	224.267	P	370.831	P	281.705	LOC_Os05g33850.1
DG _{HP}	Os012695_01	S7	0.000	-1.663	P	290.278	P	213.249	P	675.267	LOC_Os02g43519.1
DG _{HP}	Os012723_01	S7	0.000	-2.141	P	645.951	P	628.498	P	2771.671	LOC_Os03g03910.1
DG _{HP}	Os012753_01	S7	-0.886	0.000	P	1419.848	P	768.507	P	1342.972	-
DG _{HP}	Os012781_01	S7	0.000	-2.761	P	140.344	P	178.812	P	1211.977	LOC_Os11g25780.1
DG _{HP}	Os012813_01	S7	0.000	1.590	P	5317.088	P	6219.339	P	2065.537	LOC_Os03g03660.4
DG _{HP}	Os012910_01	S7	0.000	-2.341	P	121.889	P	148.854	P	754.269	LOC_Os12g38170.1
DG _{HP}	Os013099_01	S7	0.000	-1.391	P	265.185	P	242.652	P	636.208	LOC_Os04g39814.2
DG _{HP}	Os013133_01	S7	0.000	-1.532	P	1485.321	P	1076.469	P	3112.883	LOC_Os03g02560.1
DG _{HP}	Os013145_01	S7	0.000	-1.493	P	286.292	P	293.014	P	825.036	LOC_Os02g38820.1
DG _{HP}	Os013159_01	S7	-1.347	-2.127	P	8262.199	P	3247.514	P	14182.455	LOC_Os09g12540.1
DG _{HP}	Os013169_01	S7	0.000	-1.711	P	535.912	P	355.040	P	1162.184	LOC_Os04g36720.1
DG _{HP}	Os013198_01	S7	1.024	0.000	P	1361.300	P	2768.765	P	1598.095	LOC_Os06g43510.2
DG _{HP}	Os013232_01	S7	0.000	-1.701	P	492.533	P	437.960	P	1424.000	LOC_Os03g56280.1
DG _{HP}	Os013244_01	S7	0.871	0.000	P	192.836	P	352.572	P	173.220	LOC_Os05g06990.1
DG _{HP}	Os013250_01	S7	1.248	0.000	P	782.013	P	1857.552	P	1088.079	LOC_Os01g05510.5
DG _{HP}	Os013284_01	S7	0.000	-1.505	P	208.587	P	171.976	P	488.111	LOC_Os09g28630.1
DG _{HP}	Os013295_01	S7	0.000	-2.092	P	449.358	P	460.416	P	1962.899	-
DG _{HP}	Os013374_01	S7	0.000	-1.576	P	412.475	P	325.771	P	971.369	LOC_Os03g58960.1
DG _{HP}	Os013388_01	S7	0.000	-1.824	P	322.675	P	294.689	P	1043.068	LOC_Os01g07120.2
DG _{HP}	Os013426_01	S7	0.000	-1.704	P	182.131	P	154.537	P	503.542	LOC_Os12g35630.1
DG _{HP}	Os013432_01	S7	0.000	-2.016	A	124.379	P	201.510	P	814.910	-
DG _{HP}	Os013439_01	S7	0.874	0.000	P	1862.879	P	3415.068	P	1757.202	LOC_Os02g02770.1
DG _{HP}	Os013504_01	S7	0.000	-1.506	P	154.261	P	159.461	P	453.000	LOC_Os03g15020.1
DG _{HP}	Os013568_01	S7	0.000	-1.825	P	184.244	P	183.277	P	649.480	LOC_Os08g40150.2
DG _{HP}	Os013619_01	S7	0.000	-1.764	P	359.147	P	366.515	P	1244.464	-
DG _{HP}	Os013643_01	S7	0.000	-1.755	P	215.907	P	209.267	P	706.440	LOC_Os10g36550.3
DG _{HP}	Os013659_01	S7	0.000	-1.663	P	218.648	P	203.128	P	643.116	LOC_Os03g60080.1
DG _{HP}	Os013712_01	S7	-1.100	-2.063	P	5917.054	P	2759.895	P	11531.975	LOC_Os09g26810.1
DG _{HP}	Os013725_01	S7	-1.377	0.000	P	2350.330	P	905.002	P	1121.170	LOC_Os04g43800.1

DG _{HP}	Os013775_01	S7	0.000	-1.465	P	248.288	P	263.305	P	726.654	LOC_Os01g48930.1
DG _{HP}	Os013901_01	S7	0.771	0.000	P	2569.899	P	4385.966	P	2829.775	LOC_Os04g42690.1
DG _{HP}	Os013937_01	S7	-1.747	0.000	P	3618.150	P	1077.918	P	1613.468	LOC_Os05g07860.1
DG _{HP}	Os013958_01	S7	0.000	-1.657	P	617.052	P	438.424	P	1382.583	LOC_Os01g18080.1
DG _{HP}	Os014071_01	S7	-1.774	-2.554	P	7510.850	P	2195.844	P	12892.387	LOC_Os12g19470.2
DG _{HP}	Os014092_01	S7	0.000	-1.533	P	243.671	P	245.315	P	709.902	LOC_Os11g08300.1
DG _{HP}	Os014166_01	S7	-1.424	-2.028	P	629.743	P	234.692	P	957.141	LOC_Os08g02160.1
DG _{HP}	Os014181_01	S7	0.735	0.000	P	150.785	P	250.957	P	306.348	LOC_Os11g32260.1
DG _{HP}	Os014183_01	S7	0.781	0.000	P	13560.463	P	23298.974	P	16655.402	LOC_Os02g07690.1
DG _{HP}	Os014245_01	S7	0.000	1.632	P	814.382	P	1124.673	P	362.981	LOC_Os04g40660.3
DG _{HP}	Os014261_01	S7	-1.040	-1.873	P	347.346	P	168.976	P	618.989	LOC_Os06g33710.3
DG _{HP}	Os014282_01	S7	0.000	-1.790	P	106.665	P	164.228	P	568.009	LOC_Os10g40030.8
DG _{HP}	Os014299_01	S7	0.769	0.000	P	235.902	P	401.882	P	281.923	LOC_Os05g46200.1
DG _{HP}	Os014344_01	S7	-0.918	-1.691	P	479.396	P	253.632	P	818.891	LOC_Os05g46360.1
DG _{HP}	Os014402_01	S7	0.000	-1.679	A	88.559	P	224.609	P	719.141	LOC_Os04g37580.1
DG _{HP}	Os014409_01	S7	0.779	0.000	P	3857.953	P	6621.333	P	3872.962	LOC_Os08g35939.1
DG _{HP}	Os014441_01	S7	0.000	1.655	P	442.300	P	584.798	P	185.638	LOC_Os03g48310.1
DG _{HP}	Os014461_01	S7	0.000	2.108	A	296.702	P	814.015	P	188.879	LOC_Os01g63870.2
DG _{HP}	Os014555_01	S7	0.000	2.175	P	13870.638	P	18281.943	P	4047.357	LOC_Os06g51084.1
DG _{HP}	Os014556_01	S7	0.802	1.720	P	310.839	P	542.012	P	164.474	LOC_Os01g56870.1
DG _{HP}	Os014604_01	S7	0.000	-2.599	P	133.689	P	153.383	P	929.367	LOC_Os01g04710.1
DG _{HP}	Os014654_01	S7	0.000	-1.856	P	252.109	P	242.904	P	879.149	LOC_Os10g30790.2
DG _{HP}	Os014673_01	S7	-0.998	0.000	P	1306.782	P	654.278	P	1066.363	LOC_Os02g42740.1
DG _{HP}	Os014740_01	S7	0.000	-2.825	P	673.780	P	399.520	P	2831.026	LOC_Os07g36080.1
DG _{HP}	Os014760_01	S7	0.000	-1.527	P	282.817	P	257.999	P	743.667	LOC_Os04g37710.1
DG _{HP}	Os014801_01	S7	0.000	-1.654	A	143.015	P	198.585	P	625.037	LOC_Os06g40210.1
DG _{HP}	Os014879_01	S7	1.518	0.000	P	106.151	P	304.096	A	321.302	LOC_Os10g40550.2
DG _{HP}	Os014891_01	S7	0.874	0.000	P	242.121	P	443.787	P	670.740	LOC_Os03g01190.1
DG _{HP}	Os014986_01	S7	-0.777	0.000	P	598.289	P	349.189	P	250.679	LOC_Os03g45390.1
DG _{HP}	Os015064_01	S7	0.000	-1.393	P	377.612	P	368.668	P	968.170	LOC_Os02g40010.2
DG _{HP}	Os015105_01	S7	1.023	0.000	P	207.515	P	421.800	P	203.205	LOC_Os11g34710.1

DG _{HP}	Os015132_01	S7	0.760	0.000	P	193.030	P	326.867	P	352.544	LOC_Os01g40420.1
DG _{HP}	Os015150_01	S7	0.000	-1.516	P	800.549	P	965.184	P	2760.007	LOC_Os06g41010.4
DG _{HP}	Os015151_01	S7	0.000	-2.029	P	203.878	P	130.813	P	534.008	LOC_Os10g02840.1
DG _{HP}	Os015152_01	S7	0.000	-1.619	P	219.736	P	273.171	P	838.852	LOC_Os05g49300.1
DG _{HP}	Os015335_01	S7	0.000	1.757	P	3931.652	P	4192.241	P	1240.456	LOC_Os11g10050.1
DG _{HP}	Os015340_01	S7	0.000	-1.554	P	334.071	P	269.365	P	790.708	-
DG _{HP}	Os015562_01	S7	0.990	0.000	P	175.530	P	348.518	A	606.960	LOC_Os12g05730.1
DG _{HP}	Os015569_01	S7	0.000	-1.476	P	336.026	P	257.931	P	717.342	LOC_Os03g03350.1
DG _{HP}	Os015581_01	S7	0.000	-1.393	P	3556.675	P	2265.830	P	5950.242	LOC_Os05g41900.2
DG _{HP}	Os015582_01	S7	-0.855	-1.600	P	558.055	P	308.548	P	935.154	LOC_Os04g45900.1
DG _{HP}	Os015666_01	S7	0.000	-1.768	P	1172.209	P	1128.268	P	3842.047	LOC_Os03g10090.1
DG _{HP}	Os015668_01	S7	1.012	0.000	P	376.161	P	758.523	P	1402.174	LOC_Os01g72890.2
DG _{HP}	Os015672_01	S7	0.000	-1.495	P	209.499	P	177.003	P	498.968	LOC_Os12g10540.4
DG _{HP}	Os015784_01	S7	0.000	-1.518	P	241.219	P	320.522	P	917.743	LOC_Os02g06910.1
DG _{HP}	Os015790_01	S7	0.000	-1.779	P	626.488	P	710.063	P	2437.220	-
DG _{HP}	Os015816_01	S7	0.000	-2.738	P	151.286	P	151.398	P	1009.824	LOC_Os12g37840.1
DG _{HP}	Os015857_01	S7	0.870	0.000	P	262.128	P	479.029	P	956.333	LOC_Os02g53970.1
DG _{HP}	Os015885_01	S7	-1.005	0.000	P	1275.722	P	635.856	P	489.576	-
DG _{HP}	Os015963_01	S7	0.000	-1.599	P	684.775	P	493.264	P	1494.005	LOC_Os03g10620.1
DG _{HP}	Os016023_01	S7	1.088	0.000	P	164.977	P	350.671	P	590.164	LOC_Os11g38980.4
DG _{HP}	Os016085_01	S7	0.000	-1.611	P	766.024	P	855.945	P	2615.428	LOC_Os09g12150.1
DG _{HP}	Os016102_01	S7	-1.630	0.000	P	2616.095	P	845.412	P	1037.527	LOC_Os03g40100.1
DG _{HP}	Os016116_01	S7	2.454	0.000	P	160.642	P	880.413	P	1621.964	LOC_Os04g53450.1
DG _{HP}	Os016154_01	S7	0.000	-1.860	A	83.549	P	175.098	P	635.672	LOC_Os12g23780.2
DG _{HP}	Os016157_01	S7	0.818	0.000	P	204.219	P	360.150	P	489.508	LOC_Os09g01640.1
DG _{HP}	Os016158_01	S7	0.775	0.000	P	144.214	P	246.707	P	216.482	LOC_Os11g42800.1
DG _{HP}	Os016190_01	S7	0.000	-1.406	P	182.831	P	171.271	P	453.824	LOC_Os12g28177.1
DG _{HP}	Os016207_01	S7	0.778	0.000	P	123.155	P	211.245	P	172.386	LOC_Os03g61140.1
DG _{HP}	Os016221_01	S7	0.000	2.174	P	1899.947	P	2924.606	P	648.170	LOC_Os05g02060.1
DG _{HP}	Os016225_01	S7	0.000	-1.418	P	675.366	P	654.811	P	1750.185	LOC_Os01g52260.1
DG _{HP}	Os016331_01	S7	0.788	0.000	P	166.478	P	287.379	P	318.594	LOC_Os06g02450.1

DG _{HP}	Os016332_01	S7	0.000	-1.492	P	675.703	P	639.444	P	1798.288	LOC_Os04g40300.1
DG _{HP}	Os016432_01	S7	0.000	-1.500	P	543.655	P	383.943	P	1085.902	LOC_Os03g05390.6
DG _{HP}	Os016442_01	S7	0.000	2.626	P	7831.776	P	10095.013	P	1635.724	LOC_Os01g44220.6
DG _{HP}	Os016456_01	S7	0.000	1.811	P	1055.816	P	1348.390	P	384.378	LOC_Os02g01010.1
DG _{HP}	Os016500_01	S7	0.000	-1.402	P	616.680	P	370.452	P	978.725	LOC_Os02g57280.1
DG _{HP}	Os016661_01	S7	0.000	2.015	P	6347.373	P	6434.667	P	1591.863	LOC_Os08g25734.1
DG _{HP}	Os016701_01	S7	0.000	-1.419	A	92.968	P	133.307	P	356.538	LOC_Os06g44160.1
DG _{HP}	Os016769_01	S7	0.864	0.000	P	284.608	P	518.072	P	296.791	LOC_Os02g04330.2
DG _{HP}	Os016771_01	S7	-1.475	0.000	P	2533.449	P	911.500	P	853.364	LOC_Os07g37530.2
DG _{HP}	Os016793_01	S7	0.000	-1.387	A	95.684	P	117.903	P	308.281	LOC_Os02g52780.1
DG _{HP}	Os016818_01	S7	0.000	-1.429	P	290.073	P	210.888	P	567.710	LOC_Os02g01150.2
DG _{HP}	Os016878_01	S7	0.000	-1.681	P	234.280	P	215.409	P	690.912	LOC_Os02g18450.1
DG _{HP}	Os016919_01	S7	0.000	-1.498	P	259.870	P	357.705	P	1010.437	LOC_Os02g01590.1
DG _{HP}	Os017021_01	S7	-0.821	0.000	P	449.909	P	254.730	P	512.061	LOC_Os09g01140.1
DG _{HP}	Os017058_01	S7	0.000	-1.725	P	203.688	P	176.115	P	582.149	LOC_Os05g33940.1
DG _{HP}	Os017090_01	S7	1.517	0.000	P	157.001	P	449.270	P	581.098	LOC_Os02g47150.1
DG _{HP}	Os017149_01	S7	0.000	-1.563	P	417.246	P	369.210	P	1090.543	LOC_Os03g01030.1
DG _{HP}	Os017217_01	S7	1.050	0.000	P	286.910	P	594.133	P	249.137	LOC_Os03g21620.1
DG _{HP}	Os017238_01	S7	0.000	-1.816	P	514.797	P	434.582	P	1530.288	LOC_Os07g01820.1
DG _{HP}	Os017409_01	S7	0.000	-1.525	P	336.812	P	310.187	P	892.629	LOC_Os12g01449.1
DG _{HP}	Os017416_01	S7	-0.939	0.000	P	369.495	P	192.706	P	130.711	LOC_Os10g05980.1
DG _{HP}	Os017420_01	S7	-0.790	0.000	P	318.153	P	183.978	P	413.464	LOC_Os02g36210.1
DG _{HP}	Os017640_01	S7	0.000	-1.433	P	299.448	P	210.118	P	567.416	LOC_Os05g22614.1
DG _{HP}	Os017653_01	S7	0.000	-1.925	P	172.363	P	255.583	P	970.575	LOC_Os02g33330.1
DG _{HP}	Os017707_01	S7	0.725	0.000	P	191.456	P	316.364	P	378.633	LOC_Os05g07070.7
DG _{HP}	Os017744_01	S7	0.000	1.558	P	3497.847	P	2655.476	P	901.547	LOC_Os11g06750.1
DG _{HP}	Os017843_01	S7	0.000	1.681	P	446.716	P	495.071	P	154.351	LOC_Os05g40790.1
DG _{HP}	Os017858_01	S7	-0.838	0.000	P	22370.853	P	12514.694	P	13561.179	LOC_Os03g56580.1
DG _{HP}	Os017901_01	S7	0.737	0.000	P	349.923	P	583.327	P	365.702	LOC_Os05g37970.1
DG _{HP}	Os017908_01	S7	0.000	1.904	P	4571.905	P	3832.909	P	1024.270	LOC_Os03g14450.1
DG _{HP}	Os017943_01	S7	0.000	-1.776	P	371.370	P	282.131	P	966.233	LOC_Os07g12340.1

DG _{HP}	Os017944_01	S7	0.000	-1.536	P	791.184	P	648.894	P	1881.983	LOC_Os04g18090.1
DG _{HP}	Os018056_01	S7	0.000	-3.110	P	138.569	P	151.858	P	1310.740	LOC_Os05g15880.1
DG _{HP}	Os018064_01	S7	-0.785	-1.714	P	1154.132	P	669.854	P	2198.006	LOC_Os05g48422.1
DG _{HP}	Os018162_01	S7	-1.542	0.000	P	1738.834	P	597.020	P	438.601	LOC_Os05g34670.1
DG _{HP}	Os018260_01	S7	0.000	2.048	P	1806.795	P	1667.597	P	403.146	LOC_Os06g02028.1
DG _{HP}	Os018278_01	S7	0.000	-1.438	P	252.298	P	233.527	P	632.587	LOC_Os10g35840.1
DG _{HP}	Os018280_01	S7	-0.911	0.000	P	1765.406	P	939.092	P	962.365	LOC_Os12g32940.1
DG _{HP}	Os018393_01	S7	0.000	-1.533	P	247.150	P	211.930	P	613.461	LOC_Os09g38090.1
DG _{HP}	Os018465_01	S7	0.000	-1.399	P	198.069	P	162.364	P	428.296	LOC_Os01g01710.1
DG _{HP}	Os018479_01	S7	0.000	1.580	P	893.334	P	695.196	P	232.542	LOC_Os02g55560.1
DG _{HP}	Os018515_01	S7	0.000	-1.578	P	127.200	P	159.809	P	476.959	LOC_Os02g43500.2
DG _{HP}	Os018550_01	S7	-1.483	0.000	P	9430.701	P	3372.812	P	4717.914	LOC_Os06g08740.1
DG _{HP}	Os018724_01	S7	-1.034	0.000	P	5351.230	P	2612.619	P	4956.745	LOC_Os07g38270.1
DG _{HP}	Os018737_01	S7	0.839	0.000	P	1204.128	P	2154.694	P	1225.674	LOC_Os02g39710.1
DG _{HP}	Os018818_01	S7	0.000	-1.490	P	5180.402	P	5024.303	P	14114.904	-
DG _{HP}	Os018821_01	S7	-0.973	0.000	P	521.683	P	265.790	P	490.458	LOC_Os07g06620.1
DG _{HP}	Os018886_01	S7	0.000	2.800	P	10070.764	P	6994.262	P	1004.306	LOC_Os07g42490.2
DG _{HP}	Os018915_01	S7	-0.966	0.000	P	1057.662	P	541.288	P	560.327	LOC_Os04g43760.1
DG _{HP}	Os018960_01	S7	0.000	-1.569	P	672.619	P	472.087	P	1401.004	LOC_Os03g52840.1
DG _{HP}	Os019225_01	S7	-0.774	0.000	P	1753.338	P	1025.500	P	1032.328	LOC_Os01g63930.2
DG _{HP}	Os019241_01	S7	0.000	-1.572	P	162.497	P	165.199	P	491.238	LOC_Os01g09620.2
DG _{HP}	Os019287_01	S7	0.000	-1.743	P	215.213	P	222.589	P	745.072	LOC_Os01g65080.3
DG _{HP}	Os019289_01	S7	0.855	0.000	P	119.602	P	216.334	P	199.827	LOC_Os04g28420.1
DG _{HP}	Os019437_01	S7	0.731	0.000	P	131.956	P	219.083	P	262.584	LOC_Os12g42260.2
DG _{HP}	Os019511_01	S7	0.000	-1.640	P	345.968	P	301.988	P	940.903	LOC_Os06g47350.2
DG _{HP}	Os019620_01	S7	0.000	-1.688	P	420.471	P	273.540	P	881.449	LOC_Os06g42720.1
DG _{HP}	Os019636_01	S7	0.000	-1.440	P	203.166	P	210.314	P	570.622	-
DG _{HP}	Os019688_01	S7	0.000	1.961	P	3695.506	P	2946.381	P	756.974	LOC_Os04g02820.2
DG _{HP}	Os019785_01	S7	-1.336	0.000	P	10326.876	P	4089.308	P	5351.977	LOC_Os02g55970.2
DG _{HP}	Os019891_01	S7	0.000	-1.737	P	113.123	P	169.476	P	564.952	LOC_Os08g43334.1
DG _{HP}	Os020036_01	S7	0.000	-2.338	P	122.508	P	128.221	P	648.210	LOC_Os07g38130.1

DG _{HP}	Os020076_01	S7	0.860	0.000	P	580.050	P	1052.967	P	1058.893	LOC_Os08g39380.1
DG _{HP}	Os020201_01	S7	0.000	-2.552	P	967.750	P	874.560	P	5129.359	LOC_Os01g03680.1
DG _{HP}	Os020229_01	S7	0.846	0.000	P	1218.666	P	2190.831	P	1719.900	LOC_Os05g02250.2
DG _{HP}	Os020320_01	S7	0.000	-1.494	P	3874.358	P	3589.021	P	10107.778	LOC_Os10g05690.1
DG _{HP}	Os020373_01	S7	1.005	0.000	P	354.841	P	712.009	P	261.800	LOC_Os04g27980.1
DG _{HP}	Os020390_01	S7	0.000	-2.417	P	377.694	P	521.958	P	2787.367	LOC_Os03g58070.1
DG _{HP}	Os020392_01	S7	0.000	-1.998	P	355.978	P	466.862	P	1864.301	LOC_Os03g15050.2
DG _{HP}	Os020523_01	S7	-0.791	0.000	P	587.289	P	339.362	P	390.525	LOC_Os02g55080.1
DG _{HP}	Os020653_01	S7	0.000	-1.375	P	169.845	P	177.736	P	461.143	LOC_Os11g05990.1
DG _{HP}	Os020769_01	S7	0.000	-2.127	P	404.228	P	359.888	P	1571.991	LOC_Os03g46060.1
DG _{HP}	Os020778_01	S7	0.797	0.000	P	492.139	P	855.151	P	345.206	LOC_Os07g44430.2
DG _{HP}	Os020841_01	S7	-1.213	0.000	P	1253.846	P	540.839	P	649.380	LOC_Os05g06500.1
DG _{HP}	Os020948_01	S7	-0.793	0.000	P	279.516	P	161.265	P	181.969	LOC_Os04g46880.2
DG _{HP}	Os020966_01	S7	0.000	1.647	P	660.053	P	822.362	P	262.588	LOC_Os03g55350.1
DG _{HP}	Os020983_01	S7	0.000	-1.460	P	173.178	P	220.754	P	607.339	LOC_Os06g46410.1
DG _{HP}	Os021029_01	S7	0.943	0.000	P	155.887	P	299.654	P	247.367	LOC_Os01g10930.1
DG _{HP}	Os021035_01	S7	0.000	-2.333	P	1394.118	P	2191.610	P	11041.468	-
DG _{HP}	Os021076_01	S7	1.048	0.000	P	231.266	P	478.139	P	313.602	LOC_Os01g03110.1
DG _{HP}	Os021097_01	S7	0.000	-1.627	P	388.306	P	446.464	P	1379.455	LOC_Os04g24140.1
DG _{HP}	Os021113_01	S7	-0.977	0.000	P	607.993	P	308.860	P	415.575	LOC_Os02g15700.1
DG _{HP}	Os021202_01	S7	0.000	1.823	P	2449.307	P	2353.217	P	665.076	LOC_Os01g55540.1
DG _{HP}	Os021296_01	S7	1.030	0.000	P	2333.350	P	4763.519	P	2766.301	LOC_Os03g19780.1
DG _{HP}	Os021314_01	S7	0.818	0.000	P	996.491	P	1756.535	P	986.917	LOC_Os07g42290.1
DG _{HP}	Os021349_01	S7	0.000	1.717	P	1016.798	P	1109.166	P	337.380	LOC_Os02g54160.1
DG _{HP}	Os021367_01	S7	0.000	-1.605	P	477.492	P	440.209	P	1338.689	LOC_Os01g01410.1
DG _{HP}	Os021383_01	S7	1.083	0.000	P	748.631	P	1585.444	P	652.661	LOC_Os03g54910.1
DG _{HP}	Os021429_01	S7	0.000	-1.931	A	46.641	P	152.566	P	581.962	LOC_Os12g20390.4
DG _{HP}	Os021445_01	S7	0.000	-1.827	P	558.032	P	556.238	P	1974.022	LOC_Os08g06110.1
DG _{HP}	Os021453_01	S7	0.000	-1.540	P	324.572	P	397.936	P	1157.063	LOC_Os02g12760.1
DG _{HP}	Os021455_01	S7	0.000	-1.467	A	112.635	P	166.291	P	459.617	LOC_Os03g55820.1
DG _{HP}	Os021495_01	S7	0.000	-1.868	P	168.865	P	215.374	P	786.435	LOC_Os12g38640.1

DG _{HP}	Os021497_01	S7	0.000	-2.039	P	262.624	P	223.018	P	916.733	LOC_Os06g40080.1
DG _{HP}	Os021521_01	S7	0.000	-2.044	A	112.666	P	163.332	P	673.414	LOC_Os01g03490.1
DG _{HP}	Os021643_01	S7	0.000	-1.861	P	133.696	P	177.220	P	643.915	LOC_Os01g62610.1
DG _{HP}	Os021757_01	S7	-0.793	0.000	P	3282.352	P	1893.929	P	1736.760	LOC_Os09g36740.1
DG _{HP}	Os021777_01	S7	0.000	-1.512	P	142.608	P	162.487	P	463.445	-
DG _{HP}	Os021798_01	S7	0.000	-1.676	P	228.684	P	173.145	P	553.397	LOC_Os11g08380.1
DG _{HP}	Os021834_01	S7	0.898	0.000	P	2088.164	P	3891.696	P	2085.880	LOC_Os08g27720.1
DG _{HP}	Os021893_01	S7	0.000	-1.733	P	159.845	P	128.828	P	428.397	LOC_Os09g35030.1
DG _{HP}	Os021895_01	S7	-0.828	0.000	P	293.590	P	165.402	P	407.469	LOC_Os08g28180.2
DG _{HP}	Os021896_01	S7	-0.827	0.000	P	366.804	P	206.765	P	158.854	LOC_Os01g47780.1
DG _{HP}	Os021978_01	S7	0.000	-1.612	P	291.726	P	200.766	P	613.831	LOC_Os02g39160.1
DG _{HP}	Os021980_01	S7	0.000	-2.101	P	568.180	P	418.141	P	1794.472	LOC_Os05g03760.1
DG _{HP}	Os022003_01	S7	0.000	1.492	P	1377.501	P	1134.591	P	403.343	LOC_Os04g20220.1
DG _{HP}	Os022055_01	S7	-0.946	0.000	P	8427.329	P	4373.315	P	9498.371	LOC_Os11g07020.1
DG _{HP}	Os022057_01	S7	0.742	0.000	P	209.797	P	350.862	P	303.742	LOC_Os01g10850.1
DG _{HP}	Os022072_01	S7	0.000	-1.694	P	177.871	P	143.776	P	465.281	LOC_Os06g49880.1
DG _{HP}	Os022074_01	S7	-1.000	0.000	P	1996.941	P	998.255	P	1835.438	LOC_Os06g15400.1
DG _{HP}	Os022083_01	S7	-0.930	-1.856	P	669.457	P	351.386	P	1271.622	LOC_Os03g63280.1
DG _{HP}	Os022142_01	S7	0.000	-1.525	P	364.396	P	333.165	P	958.592	LOC_Os09g31200.1
DG _{HP}	Os022154_01	S7	0.000	-1.588	P	131.648	P	144.119	P	433.216	LOC_Os08g42100.1
DG _{HP}	Os022183_01	S7	0.000	-1.405	P	498.234	P	295.122	P	781.301	LOC_Os10g40390.1
DG _{HP}	Os022228_01	S7	-1.555	0.000	P	5429.930	P	1847.845	P	2621.709	LOC_Os10g41250.1
DG _{HP}	Os022300_01	S7	0.000	-1.948	P	295.846	P	347.761	P	1341.540	-
DG _{HP}	Os022309_01	S7	0.000	-1.811	P	191.749	P	209.859	P	736.577	LOC_Os05g10670.1
DG _{HP}	Os022434_01	S7	-1.524	0.000	P	3601.769	P	1252.482	P	1975.860	LOC_Os01g67310.1
DG _{HP}	Os022652_01	S7	0.000	-1.665	A	103.612	P	121.980	P	386.810	LOC_Os02g18750.1
DG _{HP}	Os022779_01	S7	-0.793	0.000	P	1210.720	P	698.932	P	434.590	-
DG _{HP}	Os022953_01	S7	0.789	0.000	P	980.090	P	1693.218	P	1467.030	LOC_Os09g38850.1
DG _{HP}	Os022978_01	S7	0.753	0.000	P	342.212	P	576.584	P	528.535	LOC_Os01g49260.1
DG _{HP}	Os022995_01	S7	0.791	0.000	P	5148.264	P	8909.723	P	3611.368	LOC_Os07g11330.1
DG _{HP}	Os023000_01	S7	0.860	0.000	P	537.186	P	975.199	P	826.655	LOC_Os03g26010.1

DG _{HP}	Os023001_01	S7	0.875	0.000	P	1941.946	P	3561.228	P	3782.130	LOC_Os10g40040.1
DG _{HP}	Os023010_01	S7	0.000	2.161	P	1175.687	P	1447.000	P	323.567	LOC_Os01g68820.1
DG _{HP}	Os023012_01	S7	0.743	0.000	P	896.316	P	1500.277	P	1005.184	LOC_Os09g26380.1
DG _{HP}	Os023026_01	S7	0.862	0.000	P	793.191	P	1441.784	P	1188.416	LOC_Os07g02910.1
DG _{HP}	Os023028_01	S7	0.768	0.000	P	599.060	P	1020.334	P	378.965	LOC_Os05g49930.1
DG _{HP}	Os023032_01	S7	0.776	0.000	P	107.553	P	184.140	P	121.672	LOC_Os04g32070.1
DG _{HP}	Os023038_01	S7	1.374	0.000	P	112.811	P	292.470	P	135.079	LOC_Os04g35000.1
DG _{HP}	Os023039_01	S7	0.000	2.162	P	818.326	P	1182.264	P	264.207	LOC_Os07g34620.1
DG _{HP}	Os023043_01	S7	0.000	2.394	P	1636.869	P	2010.903	P	382.548	LOC_Os05g06480.1
DG _{HP}	Os023048_01	S7	0.000	1.663	P	2109.018	P	2767.888	P	874.144	LOC_Os02g12310.1
DG _{HP}	Os023065_01	S7	0.761	0.000	P	2338.927	P	3962.624	P	2752.288	LOC_Os01g20120.1
DG _{HP}	Os023085_01	S7	0.000	2.078	P	2729.773	P	2842.622	P	673.259	LOC_Os05g34310.1
DG _{HP}	Os023116_01	S7	-0.912	-1.812	P	942.420	P	500.758	P	1757.960	-
DG _{HP}	Os023156_01	S7	0.000	1.779	P	550.269	P	688.292	P	200.553	LOC_Os03g45210.1
DG _{HP}	Os023215_01	S7	-1.083	0.000	P	4524.381	P	2135.903	P	2595.244	-
DG _{HP}	Os023328_01	S7	0.000	-2.447	P	276.153	P	187.335	P	1021.586	LOC_Os11g18830.1
DG _{HP}	Os023465_01	S7	1.473	0.000	P	293.866	P	815.606	P	734.852	LOC_Os01g37200.1
DG _{HP}	Os023481_02	S7	0.993	0.000	P	2867.779	P	5708.990	P	2669.547	-
DG _{HP}	Os023486_01	S7	0.873	0.000	P	208.411	P	381.642	P	169.628	-
DG _{HP}	Os023508_01	S7	0.000	-1.753	P	237.831	P	323.829	P	1091.514	LOC_Os08g04430.1
DG _{HP}	Os023530_01	S7	1.511	1.505	P	448.274	P	1277.790	P	450.061	LOC_Os07g12080.1
DG _{HP}	Os023575_01	S7	1.066	0.000	P	115.645	P	242.148	P	178.570	LOC_Os08g23870.1
DG _{HP}	Os023578_01	S7	1.022	0.000	P	214.912	P	436.478	P	268.000	LOC_Os04g38550.1
DG _{HP}	Os023619_01	S7	1.879	0.000	P	355.554	P	1307.917	P	1222.049	-
DG _{HP}	Os023631_01	S7	0.000	1.503	P	452.985	P	524.211	P	185.004	LOC_Os02g57350.1
DG _{HP}	Os023651_01	S7	0.830	0.000	P	194.854	P	346.273	A	112.480	LOC_Os03g58500.1
DG _{HP}	Os023673_01	S7	0.743	0.000	P	174.428	P	291.936	P	193.702	LOC_Os08g15420.1
DG _{HP}	Os023737_01	S7	0.939	0.000	P	1442.170	P	2764.298	P	1247.053	-
DG _{HP}	Os023819_01	S7	0.000	2.280	P	1043.889	P	1266.167	P	260.716	LOC_Os08g41030.1
DG _{HP}	Os023820_01	S7	0.000	1.735	P	2361.229	P	3376.155	P	1013.981	LOC_Os07g42390.1
DG _{HP}	Os023849_01	S7	-0.923	0.000	P	548.813	P	289.361	P	294.258	LOC_Os10g25400.1

DG _{HP}	Os023934_01	S7	0.000	1.984	P	515.271	P	606.801	P	153.404	LOC_Os10g30944.1
DG _{HP}	Os023957_01	S7	0.846	0.000	P	121.516	P	218.383	A	97.736	LOC_Os05g50110.1
DG _{HP}	Os024035_01	S7	0.000	2.411	P	7723.156	P	7841.582	P	1474.810	LOC_Os10g02300.3
DG _{HP}	Os024239_01	S7	0.000	1.679	P	886.662	P	1320.816	P	412.472	LOC_Os07g38290.1
DG _{HP}	Os024417_01	S7	0.873	0.000	P	5049.477	P	9245.212	P	4092.799	LOC_Os01g13340.1
DG _{HP}	Os024437_01	S7	-1.082	0.000	P	3510.529	P	1658.317	P	3511.670	-
DG _{HP}	Os024527_01	S7	0.000	-2.202	P	217.706	P	200.372	P	922.243	LOC_Os03g18230.1
DG _{HP}	Os024540_01	S7	-0.827	0.000	P	510.908	P	288.075	P	258.625	-
DG _{HP}	Os024624_01	S7	0.855	0.000	P	1277.143	P	2310.017	P	1689.231	LOC_Os04g58820.1
DG _{HP}	Os024704_01	S7	1.013	0.000	P	1648.329	P	3327.527	P	1685.406	-
DG _{HP}	Os024774_01	S7	-1.107	-2.689	P	676.454	P	314.070	P	2025.993	LOC_Os02g10390.1
DG _{HP}	Os024798_01	S7	0.000	-1.384	P	258.756	P	260.015	P	678.516	LOC_Os05g48800.2
DG _{HP}	Os024827_01	S7	0.000	-1.452	P	208.753	P	207.402	P	567.465	-
DG _{HP}	Os024959_01	S7	0.000	-1.517	P	191.261	P	159.817	P	457.493	LOC_Os02g08150.1
DG _{HP}	Os025052_01	S7	0.753	0.000	P	2510.627	P	4230.885	P	1843.976	LOC_Os01g56570.1
DG _{HP}	Os025101_01	S7	0.000	1.726	P	1796.991	P	1982.433	P	599.219	LOC_Os08g31660.1
DG _{HP}	Os025108_01	S7	0.810	1.528	P	689.944	P	1209.326	P	419.367	LOC_Os11g24790.1
DG _{HP}	Os025168_01	S7	-1.094	0.000	P	292.135	P	136.900	A	92.106	LOC_Os08g40280.1
DG _{HP}	Os025211_01	S7	0.000	2.015	P	674.259	P	783.136	P	193.809	LOC_Os11g32100.1
DG _{HP}	Os025567_01	S7	0.728	0.000	P	487.462	P	807.522	P	618.645	LOC_Os11g28270.3
DG _{HP}	Os025779_01	S7	0.723	0.000	P	224.336	P	370.320	P	283.342	LOC_Os01g74590.1
DG _{HP}	Os025786_01	S7	0.000	-1.802	P	302.680	P	284.665	P	992.978	-
DG _{HP}	Os025787_01	S7	0.000	-1.713	P	11537.561	P	13779.576	P	45165.438	LOC_Os12g04980.1
DG _{HP}	Os025968_01	S7	-0.831	0.000	P	1839.468	P	1034.119	P	755.516	LOC_Os08g16780.1
DG _{HP}	Os026060_01	S7	1.158	0.000	P	299.976	P	669.425	P	463.412	-
DG _{HP}	Os026132_01	S7	0.000	2.815	P	2952.463	P	3740.437	P	531.525	LOC_Os03g25350.1
DG _{HP}	Os026172_01	S7	0.771	0.000	P	204.111	P	348.334	P	566.417	LOC_Os03g19170.1
DG _{HP}	Os026332_01	S7	0.000	1.847	P	6813.919	P	7512.124	P	2088.457	LOC_Os02g50110.1
DG _{HP}	Os026390_01	S7	1.701	0.000	P	429.393	P	1396.152	P	1209.006	LOC_Os05g25040.2
DG _{HP}	Os026553_01	S7	1.216	0.000	P	178.422	P	414.581	P	592.385	LOC_Os06g08520.1
DG _{HP}	Os026911_01	S7	0.000	1.516	P	449.958	P	630.898	P	220.536	LOC_Os03g20590.1

DG _{HP}	Os026917_01	S7	-1.026	0.000	P	3092.747	P	1518.986	P	1380.473	LOC_Os04g52250.1
DG _{HP}	Os027044_01	S7	-1.165	0.000	P	8415.915	P	3752.137	P	6353.651	LOC_Os09g15830.1
DG _{HP}	Os027065_01	S7	-0.935	0.000	P	2894.410	P	1513.457	P	812.996	LOC_Os02g17210.1
DG _{HP}	Os027175_01	S7	0.000	-1.683	P	340.751	P	366.068	P	1175.599	-
DG _{HP}	Os027379_02	S7	0.000	-1.531	P	396.824	P	389.928	P	1126.986	-
DG _{HP}	Os027596_01	S7	0.798	0.000	P	23728.958	P	41268.138	P	24813.159	LOC_Os05g41970.1
DG _{HP}	Os027602_01	S7	0.000	-2.357	P	164.756	P	238.195	P	1219.962	LOC_Os01g03380.1
DG _{HP}	Os027615_01	S7	-1.177	-2.934	P	2195.492	P	970.909	P	7418.009	LOC_Os09g17740.1
DG _{HP}	Os027629_01	S7	-0.789	0.000	P	1847.534	P	1069.017	P	2406.418	-
DG _{HP}	Os027637_01	S7	-0.919	0.000	P	3837.045	P	2029.774	P	3181.002	LOC_Os05g04510.2
DG _{HP}	Os027656_01	S7	0.000	1.994	P	5749.587	P	6227.379	P	1563.154	LOC_Os10g39420.1
DG _{HP}	Os027666_01	S7	1.049	0.000	P	12365.158	P	25581.721	P	12490.756	LOC_Os07g11380.1
DG _{HP}	Os027667_01	S7	-0.787	0.000	P	1373.746	P	796.361	P	462.359	LOC_Os10g40430.1
DG _{HP}	Os027740_01	S7	0.000	-1.470	P	773.171	P	714.802	P	1980.040	LOC_Os09g29690.1
DG _{HP}	Os027832_01	S7	1.127	0.000	P	143.989	P	314.473	P	257.046	LOC_Os02g46530.1
DG _{HP}	Os027938_01	S7	-1.144	0.000	P	1611.928	P	729.153	P	620.488	-
DG _{HP}	Os028025_01	S7	1.006	0.000	P	499.230	P	1002.433	P	582.846	LOC_Os05g07240.1
DG _{HP}	Os028119_01	S7	1.509	0.000	P	122.611	P	348.904	P	773.971	LOC_Os09g25910.1
DG _{HP}	Os028141_01	S7	1.003	0.000	P	1297.422	P	2599.770	P	1427.984	LOC_Os09g20520.1
DG _{HP}	Os028171_01	S7	0.000	2.349	P	3137.164	P	3186.666	P	625.513	LOC_Os04g58220.1
DG _{HP}	Os028173_01	S7	0.000	1.785	P	879.729	P	1074.268	P	311.734	LOC_Os04g29290.1
DG _{HP}	Os028175_01	S7	0.000	1.761	P	1396.592	P	1790.608	P	528.455	LOC_Os11g30830.1
DG _{HP}	Os028183_01	S7	0.000	2.006	P	835.616	P	1135.777	P	282.784	LOC_Os05g48400.1
DG _{HP}	Os028190_01	S7	0.736	0.000	P	195.047	P	324.955	A	66.606	LOC_Os11g31380.1
DG _{HP}	Os028198_01	S7	0.756	0.000	P	173.430	P	292.791	P	510.931	LOC_Os03g59010.1
DG _{HP}	Os028201_01	S7	-0.852	0.000	P	406.755	P	225.366	A	43.560	LOC_Os07g07180.1
DG _{HP}	Os028382_01	S7	0.760	0.000	P	130.619	P	221.156	P	285.268	LOC_Os06g02580.1
DG _{HP}	Os028477_01	S7	0.773	0.000	P	108.124	P	184.761	P	218.058	LOC_Os02g45330.1
DG _{HP}	Os028578_01	S7	-1.002	0.000	P	364.050	P	181.775	A	80.988	LOC_Os07g32370.1
DG _{HP}	Os028680_01	S7	0.000	-1.923	A	92.016	P	174.957	P	663.626	LOC_Os07g06100.1
DG _{HP}	Os029205_01	S7	0.000	1.571	P	979.282	P	1321.747	P	444.874	LOC_Os05g39400.1

DG _{HP}	Os029315_01	S7	1.298	2.499	P	396.169	P	974.330	P	172.313	LOC_Os07g30680.1
DG _{HP}	Os029316_01	S7	0.000	2.766	P	636.414	P	1015.172	P	149.197	LOC_Os11g04000.1
DG _{HP}	Os029431_01	S7	0.807	0.000	P	178.987	P	313.153	P	192.509	LOC_Os08g08790.1
DG _{HP}	Os029535_01	S7	0.000	-1.515	P	2284.679	P	1553.371	P	4439.250	LOC_Os06g19770.1
DG _{HP}	Os029603_01	S7	0.000	1.767	P	918.622	P	923.294	P	271.298	LOC_Os10g25180.1
DG _{HP}	Os029666_01	S7	0.875	0.000	P	192.940	P	353.850	P	472.623	LOC_Os05g05610.1
DG _{HP}	Os029766_01	S7	-1.049	0.000	P	1019.379	P	492.543	P	332.796	LOC_Os07g06400.1
DG _{HP}	Os029802_01	S7	0.958	-1.384	P	140.735	P	273.453	P	713.735	LOC_Os08g35580.1
DG _{HP}	Os029812_01	S7	-1.505	0.000	P	771.530	P	271.860	P	372.082	-
DG _{HP}	Os029832_01	S7	1.098	-1.593	P	145.930	P	312.306	P	942.020	LOC_Os11g38160.1
DG _{HP}	Os029952_01	S7	0.763	0.000	P	196.236	P	333.128	P	214.943	LOC_Os08g33190.1
DG _{HP}	Os030085_01	S7	0.000	-2.058	P	163.862	P	183.357	P	763.750	LOC_Os09g38670.1
DG _{HP}	Os030231_01	S7	0.939	0.000	P	538.338	P	1032.435	P	928.888	LOC_Os03g46100.1
DG _{HP}	Os030546_01	S7	-0.804	0.000	P	717.667	P	411.027	P	296.603	LOC_Os09g16270.1
DG _{HP}	Os030891_01	S7	-1.015	0.000	P	1052.236	P	520.677	P	504.242	LOC_Os02g41954.1
DG _{HP}	Os030952_01	S7	0.000	1.796	P	438.482	P	692.971	P	199.557	-
DG _{HP}	Os031048_01	S7	0.966	0.000	P	4536.729	P	8860.520	P	4186.843	LOC_Os06g19490.1
DG _{HP}	Os031090_01	S7	-1.100	0.000	P	5399.325	P	2519.514	P	6110.440	LOC_Os12g14699.1
DG _{HP}	Os031487_01	S7	0.965	0.000	P	7722.115	P	15069.210	P	10439.004	LOC_Os04g53650.1
DG _{HP}	Os031586_01	S7	-1.074	0.000	P	10161.023	P	4827.908	P	1749.461	LOC_Os08g08920.1
DG _{HP}	Os031648_01	S7	0.000	1.837	P	875.313	P	717.254	P	200.829	LOC_Os07g01450.1
DG _{HP}	Os031781_01	S7	-0.823	0.000	P	14201.805	P	8028.355	P	5330.768	LOC_Os06g30530.1
DG _{HP}	Os032085_01	S7	0.000	-1.477	P	134.858	P	159.985	P	445.213	LOC_Os06g10980.1
DG _{HP}	Os032146_01	S7	0.941	0.000	P	171.239	P	328.753	P	211.904	LOC_Os10g10620.1
DG _{HP}	Os032194_01	S7	0.000	-1.826	P	1608.363	P	946.726	P	3356.807	LOC_Os08g43530.1
DG _{HP}	Os032197_01	S7	1.155	0.000	P	308.132	P	686.149	P	440.541	LOC_Os11g26570.1
DG _{HP}	Os032413_01	S7	-0.794	0.000	P	612.283	P	353.115	P	397.793	LOC_Os01g11500.1
DG _{HP}	Os032446_01	S7	-1.193	0.000	P	808.637	P	353.808	P	213.795	LOC_Os01g03914.2
DG _{HP}	Os032470_01	S7	0.000	1.621	P	535.849	P	368.464	P	119.830	LOC_Os08g04290.1
DG _{HP}	Os032673_01	S7	0.000	1.495	P	1041.247	P	1475.264	P	523.244	LOC_Os08g12810.1
DG _{HP}	Os032727_01	S7	0.000	-1.618	P	427.708	P	630.721	P	1936.533	LOC_Os08g04520.1

DG _{HP}	Os032876_01	S7	0.954	0.000	P	228.073	P	441.866	P	720.692	LOC_Os12g32160.1
DG _{HP}	Os033148_01	S7	1.576	0.000	P	173.264	P	516.419	P	1189.402	LOC_Os08g32550.1
DG _{HP}	Os033186_01	S7	0.749	1.756	P	507.100	P	852.405	P	252.340	LOC_Os01g39850.1
DG _{HP}	Os033199_01	S7	0.798	0.000	P	169.754	P	295.195	P	326.179	-
DG _{HP}	Os033395_01	S7	0.734	0.000	P	2835.707	P	4717.836	P	2035.913	-
DG _{HP}	Os033430_01	S7	0.000	-2.150	A	32.896	P	202.470	P	898.396	LOC_Os10g22630.1
DG _{HP}	Os033559_01	S7	0.795	-2.169	P	524.563	P	909.852	P	4090.591	LOC_Os09g19550.1
DG _{HP}	Os033574_01	S7	0.843	0.000	P	6436.009	P	11544.961	P	4638.252	LOC_Os08g41760.1
DG _{HP}	Os034009_01	S7	0.820	0.000	P	17379.337	P	30689.347	P	19140.097	LOC_Os02g38170.1
DG _{HP}	Os034378_01	S7	-0.989	0.000	P	734.684	P	370.150	P	303.103	LOC_Os03g18000.1
DG _{HP}	Os034493_01	S7	0.000	1.496	P	955.275	P	1158.528	P	410.672	LOC_Os02g34930.1
DG _{HP}	Os034533_01	S7	0.000	-1.528	P	363.012	P	384.220	P	1107.753	LOC_Os05g12270.1
DG _{HP}	Os034598_01	S7	0.000	-1.465	P	866.699	P	651.358	P	1798.476	LOC_Os05g23050.1
DG _{HP}	Os034649_01	S7	-1.019	-2.743	P	1484.496	P	732.596	P	4905.739	LOC_Os11g47980.1
DG _{HP}	Os034660_01	S7	-0.875	0.000	P	573.396	P	312.583	P	231.763	LOC_Os05g11470.1
DG _{HP}	Os034855_01	S7	1.167	0.000	P	153.606	P	345.016	P	567.969	LOC_Os11g10330.1
DG _{HP}	Os034873_01	S7	0.000	2.391	P	1301.295	P	799.958	P	152.506	LOC_Os11g38720.1
DG _{HP}	Os034971_01	S7	0.736	0.000	P	2786.374	P	4640.282	P	1781.033	LOC_Os01g56040.1
DG _{HP}	Os035044_01	S7	0.000	-3.200	P	307.893	P	288.185	P	2649.186	LOC_Os05g15920.1
DG _{HP}	Os035077_01	S7	0.000	-1.712	P	367.200	P	366.229	P	1199.870	LOC_Os10g30690.1
DG _{HP}	Os035128_01	S7	1.068	0.000	P	209.243	P	438.708	P	239.290	LOC_Os05g46060.1
DG _{HP}	Os035182_01	S7	-0.922	0.000	P	1912.353	P	1009.115	P	1340.808	LOC_Os01g08200.1
DG _{HP}	Os035205_01	S7	0.936	0.000	P	7003.911	P	13397.472	P	9530.806	LOC_Os07g12720.1
DG _{HP}	Os035328_01	S7	0.843	0.000	P	9986.336	P	17916.090	P	8135.661	LOC_Os06g50980.1
DG _{HP}	Os035342_01	S7	-1.711	0.000	P	1072.365	P	327.456	P	326.414	LOC_Os12g21870.1
DG _{HP}	Os035490_01	S7	-0.852	0.000	P	777.138	P	430.634	P	465.607	LOC_Os12g04424.2
DG _{HP}	Os035558_01	S7	-1.042	0.000	P	7213.652	P	3502.142	P	8611.043	LOC_Os06g47360.1
DG _{HP}	Os035573_01	S7	-0.916	0.000	P	305.708	P	162.042	P	147.780	LOC_Os02g40610.1
DG _{HP}	Os035826_01	S7	0.000	-1.748	P	441.956	P	512.166	P	1720.130	-
DG _{HP}	Os035905_01	S7	0.000	-1.644	A	179.231	P	191.618	P	598.912	LOC_Os11g39020.1
DG _{HP}	Os035987_01	S7	1.507	0.000	P	114.923	P	326.669	P	418.469	LOC_Os08g44110.1

DG _{HP}	Os036068_01	S7	0.000	1.984	P	1355.299	P	1661.245	P	419.956	LOC_Os12g07490.1
DG _{HP}	Os036341_01	S7	-0.939	0.000	P	501.061	P	261.298	A	44.692	LOC_Os07g05510.1
DG _{HP}	Os036348_01	S7	0.000	-1.696	P	1372.813	P	821.587	P	2661.902	LOC_Os12g14450.1
DG _{HP}	Os036475_01	S7	0.000	1.681	P	211.679	P	301.981	P	94.191	LOC_Os03g08530.1
DG _{HP}	Os036618_01	S7	-1.167	-2.546	P	1299.993	P	579.051	P	3380.930	LOC_Os04g33830.1
DG _{HP}	Os036667_01	S7	0.902	0.000	P	10419.138	P	19476.243	P	11456.906	LOC_Os06g08500.1
DG _{HP}	Os037041_01	S7	0.000	2.307	P	1423.806	P	983.201	P	198.639	-
DG _{HP}	Os037049_01	S7	-1.106	-1.531	P	1059.506	P	492.280	P	1422.948	LOC_Os08g17980.1
DG _{HP}	Os037099_01	S7	0.874	0.000	P	5024.746	P	9207.879	P	4403.780	LOC_Os04g42530.1
DG _{HP}	Os037112_01	S7	0.000	-1.484	P	318.744	P	288.628	P	807.248	LOC_Os11g01360.1
DG _{HP}	Os037162_01	S7	0.000	2.046	P	497.853	P	628.728	P	152.219	LOC_Os04g28120.1
DG _{HP}	Os037211_01	S7	0.730	0.000	P	1033.848	P	1714.540	P	1041.623	LOC_Os09g03580.1
DG _{HP}	Os037237_01	S7	-0.892	0.000	P	1069.670	P	576.282	P	493.551	LOC_Os01g04470.1
DG _{HP}	Os037668_01	S7	0.724	0.000	P	4235.256	P	6997.747	P	4946.118	LOC_Os04g40120.1
DG _{HP}	Os037732_01	S7	1.877	0.000	P	158.107	P	580.834	P	448.665	LOC_Os01g10590.1
DG _{HP}	Os037857_01	S7	0.000	2.617	P	7827.502	P	7909.976	P	1289.162	LOC_Os01g42234.1
DG _{HP}	Os037985_01	S7	-1.987	-1.710	P	12507.388	P	3155.151	P	10321.336	LOC_Os12g10580.1
DG _{HP}	Os038150_01	S7	0.000	-1.724	P	299.794	P	208.957	P	690.136	LOC_Os06g20710.1
DG _{HP}	Os038339_01	S7	0.725	0.000	P	128.354	P	212.140	P	154.007	LOC_Os03g49840.1
DG _{HP}	Os038408_01	S7	-1.721	0.000	P	7476.677	P	2267.848	P	2674.603	LOC_Os09g25700.1
DG _{HP}	Os038439_01	S7	0.000	1.498	P	383.201	P	427.568	P	151.403	LOC_Os05g50390.1
DG _{HP}	Os038961_01	S7	-1.102	0.000	P	1361.908	P	634.329	P	342.214	LOC_Os03g46560.1
DG _{HP}	Os039064_01	S7	0.000	1.582	P	623.128	P	578.558	P	193.222	LOC_Os03g12230.1
DG _{HP}	Os039127_01	S7	0.000	1.903	P	445.112	P	549.984	P	147.080	LOC_Os01g48170.1
DG _{HP}	Os039406_01	S7	0.833	0.000	P	173.313	P	308.781	P	187.247	LOC_Os03g20680.1
DG _{HP}	Os039503_01	S7	0.000	-1.406	P	176.634	P	225.974	P	599.004	-
DG _{HP}	Os039702_01	S7	-0.826	-1.516	P	363.297	P	204.915	P	585.871	LOC_Os11g25300.1
DG _{HP}	Os040088_01	S7	-0.828	0.000	P	1208.374	P	680.753	P	766.627	-
DG _{HP}	Os040337_01	S7	0.905	1.561	P	280.984	P	526.206	P	178.354	-
DG _{HP}	Os040346_01	S7	-0.786	0.000	P	415.143	P	240.844	P	572.696	LOC_Os01g46210.1
DG _{HP}	Os040497_01	S7	-1.066	0.000	P	525.689	P	251.095	P	175.123	LOC_Os12g41420.1

DG _{HP}	Os040589_01	S7	0.000	-1.561	P	415.237	P	321.025	P	946.981	LOC_Os03g17070.1
DG _{HP}	Os040591_01	S7	0.000	-1.448	A	117.117	P	147.896	P	403.629	LOC_Os03g08380.1
DG _{HP}	Os040593_01	S7	0.000	1.589	P	1064.994	P	738.446	P	245.438	LOC_Os01g34614.1
DG _{HP}	Os040743_01	S7	0.000	1.903	P	900.911	P	534.409	P	142.868	LOC_Os07g05510.1
DG _{HP}	Os040834_01	S7	0.760	0.000	P	3662.756	P	6201.290	P	3523.019	LOC_Os11g01260.1
DG _{HP}	Os040991_01	S7	0.826	0.000	P	12517.626	P	22186.318	P	10873.089	-
DG _{HP}	Os041080_01	S7	0.772	0.000	P	4720.505	P	8061.607	P	3567.106	LOC_Os03g19830.1
DG _{HP}	Os041081_01	S7	0.000	1.754	A	613.151	P	520.487	P	154.286	-
DG _{HP}	Os041334_01	S7	1.343	0.000	P	160.892	P	408.171	P	212.416	LOC_Os01g13920.1
DG _{HP}	Os041337_01	S7	0.000	1.774	P	758.797	P	1015.515	P	296.860	LOC_Os04g05490.1
DG _{HP}	Os042492_01	S7	-0.922	0.000	P	1831.974	P	967.025	P	1695.243	-
DG _{HP}	Os042866_01	S7	-1.414	0.000	P	2037.558	P	764.723	P	334.493	LOC_Os10g05820.1
DG _{HP}	Os043044_01	S7	0.745	0.000	P	1087.828	P	1823.247	P	1203.620	LOC_Os06g30030.1
DG _{HP}	Os043604_01	S7	0.923	0.000	P	713.714	P	1353.062	P	647.083	LOC_Os05g20030.1
DG _{HP}	Os043740_01	S7	-1.252	0.000	P	2775.095	P	1165.046	P	2687.506	LOC_Os04g11956.1
DG _{HP}	Os043891_01	S7	0.000	1.584	P	793.912	P	942.129	P	314.199	LOC_Os06g44910.1
DG _{HP}	Os043937_01	S7	0.884	0.000	P	178.656	P	329.693	P	171.244	LOC_Os06g29580.1
DG _{HP}	Os043992_01	S7	-0.932	0.000	P	393.899	P	206.421	P	131.918	LOC_Os06g16000.1
DG _{HP}	Os044015_01	S7	1.040	0.000	P	112.265	P	230.780	A	98.268	-
DG _{HP}	Os044300_01	S7	-0.946	0.000	P	2796.805	P	1451.286	P	1626.258	LOC_Os05g11320.1
DG _{HP}	Os044441_01	S7	1.142	0.000	P	122.889	P	271.294	P	176.744	LOC_Os12g41790.1
DG _{HP}	Os044467_01	S7	0.000	-1.642	P	211.940	P	211.007	P	658.508	LOC_Os03g63310.1
DG _{HP}	Os044617_01	S7	1.033	0.000	P	2836.121	P	5802.960	P	3099.138	-
DG _{HP}	Os044853_01	S7	0.000	-2.214	P	216.515	P	312.416	P	1449.789	LOC_Os02g13620.1
DG _{HP}	Os045253_01	S7	0.000	-1.441	A	110.868	P	122.101	P	331.587	-
DG _{HP}	Os045347_01	S7	0.000	-2.135	P	190.934	P	279.136	P	1225.967	LOC_Os06g18120.1
DG _{HP}	Os045398_01	S7	0.846	0.000	P	1067.149	P	1918.613	P	959.517	LOC_Os12g25450.1
DG _{HP}	Os045461_01	S7	0.000	-2.423	P	689.914	P	428.184	P	2295.518	LOC_Os05g48630.2
DG _{HP}	Os045558_01	S7	-0.894	0.000	P	461.420	P	248.281	P	220.396	LOC_Os07g34370.1
DG _{HP}	Os045565_01	S7	1.024	-1.514	P	169.472	P	344.620	P	984.039	LOC_Os10g09630.1
DG _{HP}	Os045632_01	S7	-1.008	0.000	P	6474.088	P	3219.421	P	5329.558	LOC_Os07g18070.1

DG _{HP}	Os045859_01	S7	0.000	-2.142	A	91.336	P	140.121	P	618.263	LOC_Os12g28177.1
DG _{HP}	Os046493_01	S7	0.000	-1.391	P	167.819	P	216.202	P	566.879	LOC_Os11g39640.1
DG _{HP}	Os046577_01	S7	0.000	-2.016	P	1646.116	P	1943.425	P	7858.466	-
DG _{HP}	Os046675_01	S7	1.033	0.000	P	223.772	P	457.907	P	170.863	LOC_Os11g39020.1
DG _{HP}	Os046837_01	S7	-0.965	0.000	P	530.604	P	271.819	P	237.798	LOC_Os06g46650.1
DG _{HP}	Os046888_01	S7	0.000	-1.804	P	761.626	P	863.487	P	3015.609	LOC_Os03g25460.1
DG _{HP}	Os047258_01	S7	0.000	-1.395	P	462.797	P	395.470	P	1040.217	LOC_Os03g37290.1
DG _{HP}	Os047467_01	S7	0.000	-2.198	P	705.619	P	860.211	P	3946.266	LOC_Os08g05160.1
DG _{HP}	Os047586_01	S7	0.000	-1.451	P	149.686	P	170.364	P	465.784	LOC_Os11g24230.1
DG _{HP}	Os047694_01	S7	-0.972	0.000	P	276.638	P	140.991	A	123.844	LOC_Os04g30540.1
DG _{HP}	Os047874_01	S7	0.000	-1.645	P	1148.324	P	690.674	P	2159.483	LOC_Os12g36860.1
DG _{HP}	Os048007_01	S7	0.752	0.000	P	883.333	P	1487.875	P	618.742	LOC_Os11g42050.1
DG _{HP}	Os048058_01	S7	0.941	0.000	P	6090.055	P	11692.110	P	5762.127	LOC_Os11g18000.1
DG _{HP}	Os048353_01	S7	0.866	0.000	P	159.935	P	291.592	P	193.619	LOC_Os04g57400.1
DG _{HP}	Os048485_01	S7	0.992	0.000	P	2339.906	P	4654.070	P	2419.894	LOC_Os01g08620.1
DG _{HP}	Os048490_01	S7	-1.693	0.000	P	4871.474	P	1506.698	P	2229.258	-
DG _{HP}	Os048518_01	S7	0.825	0.000	P	6654.895	P	11787.928	P	5804.813	LOC_Os09g39000.1
DG _{HP}	Os048525_01	S7	-1.237	-1.693	P	1408.192	P	597.589	P	1932.151	LOC_Os07g14750.1
DG _{HP}	Os048668_01	S7	-1.822	0.000	P	1777.786	P	502.762	P	588.895	LOC_Os06g43740.1
DG _{HP}	Os048713_01	S7	-0.970	0.000	P	382.862	P	195.520	P	414.664	LOC_Os11g27090.1
DG _{HP}	Os048749_01	S7	0.795	0.000	P	1092.775	P	1895.666	P	1326.063	LOC_Os12g07560.1
DG _{HP}	Os048781_01	S7	1.147	0.000	P	134.579	P	298.038	P	418.796	-
DG _{HP}	Os049190_01	S7	0.881	0.000	P	128.549	P	236.701	P	289.597	LOC_Os07g10850.1
DG _{HP}	Os049394_01	S7	0.723	0.000	P	153.069	P	252.680	P	306.453	LOC_Os11g39760.1
DG _{HP}	Os049499_01	S7	-1.682	0.000	P	2114.017	P	658.892	P	634.524	LOC_Os05g27000.1
DG _{HP}	Os049505_01	S7	0.962	0.000	P	186.306	P	362.932	P	370.399	LOC_Os10g25250.1
DG _{HP}	Os049578_01	S7	0.821	0.000	P	397.089	P	701.465	P	504.721	LOC_Os12g29820.1
DG _{HP}	Os049591_01	S7	0.000	2.078	P	1272.594	P	1724.672	P	408.601	LOC_Os10g04500.1
DG _{HP}	Os049802_01	S7	-1.175	0.000	P	428.942	P	189.974	P	239.597	-
DG _{HP}	Os050009_01	S7	1.053	0.000	P	217.088	P	450.321	P	238.771	LOC_Os05g46160.1
DG _{HP}	Os050487_01	S7	1.035	0.000	P	622.094	P	1274.670	P	459.063	-

DG _{HP}	Os050541_01	S7	0.000	-1.621	P	172.683	P	209.566	P	644.526	LOC_Os12g31390.1
DG _{HP}	Os050700_01	S7	-1.099	-1.667	P	23630.680	P	11029.006	P	35030.463	LOC_Os10g21280.1
DG _{HP}	Os050836_01	S7	0.746	0.000	P	5470.084	P	9175.003	P	4859.940	LOC_Os05g14230.1
DG _{HP}	Os050879_01	S7	1.239	0.000	P	129.509	P	305.711	P	117.291	LOC_Os05g30470.1
DG _{HP}	Os050925_01	S7	0.000	-2.754	P	217.502	P	357.996	P	2414.344	LOC_Os01g61840.1
DG _{HP}	Os051138_01	S7	-0.990	0.000	P	1360.095	P	684.559	P	592.564	LOC_Os01g63830.1
DG _{HP}	Os051250_01	S7	0.975	-1.701	P	192.467	P	378.437	P	1230.215	-
DG _{HP}	Os051609_01	S7	0.812	0.000	P	190.603	P	334.619	P	174.409	-
DG _{HP}	Os051842_01	S7	0.830	0.000	P	8620.273	P	15321.174	P	7033.106	LOC_Os09g21140.1
DG _{HP}	Os051892_01	S7	0.000	-1.431	P	24173.042	P	16316.900	P	43998.970	LOC_Os08g15149.1
DG _{HP}	Os051896_01	S7	1.135	0.000	P	12117.279	P	26620.613	P	14023.130	LOC_Os07g11410.1
DG _{HP}	Os051935_01	S7	0.000	-3.831	P	967.786	P	999.077	P	14215.834	LOC_Os01g15270.1
DG _{HP}	Os051948_01	S7	-0.918	0.000	P	758.460	P	401.281	P	689.361	LOC_Os11g06720.1
DG _{HP}	Os051949_01	S7	1.110	0.000	P	6156.702	P	13286.531	P	7422.592	LOC_Os06g31070.1
DG _{HP}	Os051956_01	S7	-1.181	-1.482	P	2020.787	P	891.507	P	2490.618	LOC_Os07g37240.1
DG _{HP}	Os051959_01	S7	-1.251	-1.872	P	3761.772	P	1580.215	P	5782.847	LOC_Os02g02400.1
DG _{HP}	Os051962_01	S7	0.000	-2.386	P	429.622	P	312.333	P	1632.140	LOC_Os02g26700.1
DG _{HP}	Os051968_01	S7	0.000	-2.146	P	289.607	P	227.963	P	1009.188	LOC_Os03g08500.1
DG _{HP}	Os051970_01	S7	0.000	1.547	P	2250.607	P	2153.478	P	736.992	LOC_Os10g33800.1
DG _{HP}	Os051973_01	S7	0.000	-2.182	P	349.470	P	253.488	P	1150.307	LOC_Os01g45274.1
DG _{HP}	Os051974_01	S7	0.000	-3.044	P	131.774	P	139.432	P	1149.933	LOC_Os01g03360.1
DG _{HP}	Os051978_01	S7	0.000	3.244	P	8267.735	P	5307.072	P	560.347	LOC_Os03g28330.4
DG _{HP}	Os051980_01	S7	-0.829	0.000	P	788.600	P	443.845	P	1105.010	LOC_Os02g27030.1
DG _{HP}	Os051981_01	S7	0.000	-2.244	P	1305.158	P	982.874	P	4656.545	LOC_Os11g47809.1
DG _{HP}	Os051998_01	S7	0.000	-2.112	P	809.017	P	547.531	P	2367.138	LOC_Os12g08770.1
DG _{HP}	Os052004_01	S7	0.000	2.235	P	5881.218	P	7366.851	P	1565.005	LOC_Os11g09280.2
DG _{HP}	Os052018_01	S7	-1.101	-2.299	P	1126.538	P	525.092	P	2583.934	-
DG _{HP}	Os052028_01	S7	-1.384	-2.008	P	434.493	P	166.477	P	669.684	LOC_Os12g23200.1
DG _{HP}	Os052033_01	S7	-1.013	0.000	P	10326.811	P	5118.195	P	12522.676	-
DG _{HP}	Os052036_01	S7	-0.854	0.000	P	658.022	P	364.162	P	225.319	LOC_Os10g40720.1
DG _{HP}	Os052043_01	S7	0.000	-1.446	P	258.865	P	195.202	P	531.676	LOC_Os07g42370.2

DG _{HP}	Os052050_01	S7	-1.319	0.000	P	5748.068	P	2304.296	P	2579.002	LOC_Os01g64960.1
DG _{HP}	Os052069_01	S7	0.755	2.150	P	1419.356	P	2395.422	P	539.543	LOC_Os05g02060.1
DG _{HP}	Os052079_01	S7	0.000	1.512	P	808.223	P	879.560	P	308.317	LOC_Os06g50300.1
DG _{HP}	Os052085_01	S7	-0.797	-2.227	P	797.417	P	458.976	P	2149.041	LOC_Os07g25430.3
DG _{HP}	Os052088_01	S7	-1.704	0.000	P	819.660	P	251.622	P	189.071	LOC_Os03g14630.1
DG _{HP}	Os052095_01	S7	-0.896	0.000	P	927.176	P	498.409	P	673.807	LOC_Os03g12290.1
DG _{HP}	Os052111_01	S7	0.000	-2.045	P	305.276	P	435.141	P	1795.964	LOC_Os09g31482.3
DG _{HP}	Os052124_01	S7	0.896	0.000	P	342.340	P	637.274	P	243.954	LOC_Os08g08970.1
DG _{HP}	Os052126_01	S7	-1.022	0.000	P	792.304	P	390.105	P	696.243	LOC_Os08g41950.2
DG _{HP}	Os052167_01	S7	0.000	-1.519	P	297.110	P	278.170	P	797.448	-
DG _{HP}	Os052203_01	S7	0.753	0.000	P	301.865	P	508.586	P	831.403	LOC_Os03g07480.2
DG _{HP}	Os052210_01	S7	0.000	1.750	P	1549.583	P	1306.386	P	388.424	LOC_Os05g28280.1
DG _{HP}	Os052257_01	S7	0.000	1.760	P	981.985	P	1015.006	P	299.781	LOC_Os03g64210.1
DG _{HP}	Os052280_01	S7	0.000	1.732	P	4557.333	P	3080.123	P	927.089	LOC_Os03g29260.2
DG _{HP}	Os052285_01	S7	-0.811	0.000	P	3318.931	P	1891.244	P	944.012	LOC_Os03g01270.1
DG _{HP}	Os052287_01	S7	0.000	1.763	P	2339.851	P	3336.873	P	983.343	LOC_Os05g34510.1
DG _{HP}	Os052307_01	S7	0.000	2.736	P	23835.891	P	26090.087	P	3917.146	LOC_Os03g31750.1
DG _{HP}	Os052328_01	S7	0.000	1.512	P	722.585	P	535.422	P	187.692	LOC_Os03g26970.1
DG _{HP}	Os052389_01	S7	0.815	0.000	P	467.116	P	821.730	P	670.376	LOC_Os03g29740.1
DG _{HP}	Os052396_01	S7	0.000	1.579	P	2108.669	P	2145.629	P	718.057	LOC_Os05g01290.1
DG _{HP}	Os052424_01	S7	0.000	1.547	P	495.675	P	545.144	P	186.562	LOC_Os12g13380.1
DG _{HP}	Os052485_01	S7	0.000	1.831	P	606.205	P	536.269	P	150.741	LOC_Os04g33590.1
DG _{HP}	Os052554_01	S7	0.000	-1.435	P	294.228	P	255.814	P	691.857	LOC_Os04g40600.1
DG _{HP}	Os052654_01	S7	0.000	-1.499	P	203.381	P	194.558	P	549.929	LOC_Os07g09970.1
DG _{HP}	Os052664_01	S7	0.000	-1.372	P	281.501	P	272.655	P	705.857	LOC_Os03g14570.2
DG _{HP}	Os052782_02	S7	0.000	-4.141	P	283.893	P	356.146	P	6281.370	-
DG _{HP}	Os052819_01	S7	1.150	-2.369	P	162.315	P	360.143	P	1860.656	-
DG _{HP}	Os052906_01	S7	0.000	-1.517	P	191.979	P	189.755	P	543.014	LOC_Os09g21740.1
DG _{HP}	Os052960_01	S7	-0.861	0.000	P	412.481	P	227.142	P	331.077	LOC_Os01g12110.2
DG _{HP}	Os053043_01	S7	0.926	0.000	P	117.237	P	222.827	P	198.939	LOC_Os05g39250.1
DG _{HP}	Os053139_01	S7	1.308	0.000	P	6944.286	P	17194.662	P	9059.082	LOC_Os06g31060.1

DG _{HP}	Os053243_01	S7	0.821	0.000	P	261.429	P	461.945	P	509.598	LOC_Os12g20310.1
DG _{HP}	Os053270_01	S7	-0.932	0.000	P	1344.335	P	704.620	P	1051.449	LOC_Os01g03290.1
DG _{HP}	Os053316_01	S7	0.000	-1.452	P	173.361	P	209.576	P	573.519	LOC_Os01g71690.1
DG _{HP}	Os053687_01	S7	0.000	-1.495	P	1140.949	P	796.383	P	2245.045	LOC_Os02g55400.1
DG _{HP}	Os053817_01	S7	0.812	0.000	P	247.403	P	434.432	P	594.935	-
DG _{HP}	Os054002_01	S7	0.820	0.000	P	3848.571	P	6792.339	P	2574.469	LOC_Os01g23790.1
DG _{HP}	Os054176_02	S7	0.000	1.586	P	2469.234	P	2167.828	P	722.205	-
DG _{HP}	Os054362_01	S7	1.412	0.000	P	9415.547	P	25053.708	P	28134.379	LOC_Os05g26350.1
DG _{HP}	Os054366_01	S7	-1.575	-1.979	P	5576.455	P	1872.097	P	7382.008	LOC_Os12g19381.1
DG _{HP}	Os054368_01	S7	-0.902	-2.203	P	19824.202	P	10608.475	P	48860.028	LOC_Os12g19394.1
DG _{HP}	Os054371_01	S7	0.971	0.000	P	4217.595	P	8268.539	P	6075.684	LOC_Os02g15070.1
DG _{HP}	Os054376_01	S7	1.250	0.000	P	14408.411	P	34273.979	P	32607.421	LOC_Os10g26060.1
DG _{HP}	Os054377_01	S7	0.000	-1.504	P	276.054	P	377.099	P	1069.773	LOC_Os05g31140.1
DG _{HP}	Os054395_01	S7	-0.966	0.000	P	657.521	P	336.695	P	458.940	LOC_Os02g41650.2
DG _{HP}	Os054419_01	S7	-1.343	-2.863	P	1093.950	P	431.275	P	3137.910	LOC_Os01g31690.1
DG _{HP}	Os054431_01	S7	0.000	-2.003	P	1373.088	P	1283.293	P	5142.145	LOC_Os12g38064.1
DG _{HP}	Os054436_01	S7	0.825	-2.070	P	489.141	P	866.797	P	3639.737	LOC_Os09g39780.2
DG _{HP}	Os054446_01	S7	0.000	-1.636	P	402.444	P	329.805	P	1024.750	LOC_Os07g01760.1
DG _{HP}	Os054452_01	S7	-1.512	-2.226	P	863.822	P	302.982	P	1417.103	LOC_Os07g04840.1
DG _{HP}	Os054455_01	S7	0.000	1.511	P	3849.198	P	3424.180	P	1201.467	LOC_Os08g03640.1
DG _{HP}	Os054458_01	S7	0.000	1.654	P	2663.745	P	2851.059	P	905.762	LOC_Os12g05050.1
DG _{HP}	Os054459_01	S7	-1.392	-2.079	P	1225.726	P	466.918	P	1973.432	LOC_Os08g10020.2
DG _{HP}	Os054477_01	S7	0.000	1.987	P	7372.988	P	6432.810	P	1622.860	LOC_Os04g46200.1
DG _{HP}	Os054478_01	S7	0.000	1.515	P	3803.449	P	2994.472	P	1047.675	LOC_Os10g41410.2
DG _{HP}	Os054485_01	S7	0.000	-1.654	P	245.701	P	251.244	P	790.930	LOC_Os10g39130.1
DG _{HP}	Os054491_01	S7	0.000	-1.603	P	338.926	P	311.525	P	946.202	-
DG _{HP}	Os054509_01	S7	-0.892	-1.988	P	394.343	P	212.563	P	842.938	LOC_Os02g47020.1
DG _{HP}	Os054518_01	S7	0.000	-1.979	P	547.808	P	422.859	P	1666.811	LOC_Os04g16680.1
DG _{HP}	Os054522_01	S7	0.000	1.928	P	8444.469	P	12390.939	P	3255.302	LOC_Os02g15090.1
DG _{HP}	Os054533_01	S7	0.000	-1.787	P	776.388	P	486.838	P	1680.548	LOC_Os03g56670.2
DG _{HP}	Os054538_01	S7	0.000	2.069	P	17492.436	P	21924.075	P	5223.507	LOC_Os05g33570.1

DG _{HP}	Os054539_01	S7	0.000	-1.877	P	1917.313	P	1305.018	P	4794.652	LOC_Os09g30340.1
DG _{HP}	Os054558_01	S7	0.000	1.938	P	6599.956	P	10276.372	P	2681.379	LOC_Os02g32660.1
DG _{HP}	Os054559_01	S7	0.000	1.745	P	2448.730	P	3056.061	P	911.590	LOC_Os02g32660.1
DG _{HP}	Os054562_01	S7	0.000	-2.464	P	251.857	P	310.493	P	1713.545	LOC_Os01g21250.1
DG _{HP}	Os054570_01	S7	0.000	-2.159	P	2017.011	P	1722.837	P	7695.336	LOC_Os12g36880.1
DG _{HP}	Os054571_01	S7	-0.873	2.139	P	15874.791	P	8670.557	P	1967.984	LOC_Os08g08960.1
DG _{HP}	Os054578_01	S7	0.000	-2.619	P	414.139	P	458.257	P	2816.096	LOC_Os02g39630.2
DG _{HP}	Os054580_01	S7	0.728	0.000	P	2300.309	P	3808.916	P	2415.051	LOC_Os10g32720.1
DG _{HP}	Os054583_01	S7	-0.999	0.000	P	441.460	P	220.911	P	364.235	LOC_Os06g04270.1
DG _{HP}	Os054595_01	S7	0.000	1.536	P	3024.637	P	2500.594	P	862.511	LOC_Os04g32950.1
DG _{HP}	Os054602_01	S7	0.000	-2.536	P	118.163	P	182.111	P	1055.918	LOC_Os08g35190.2
DG _{HP}	Os054607_01	S7	0.742	0.000	P	168.253	P	281.354	P	261.782	LOC_Os05g06780.1
DG _{HP}	Os054616_01	S7	0.766	0.000	P	209.995	P	357.011	A	252.681	LOC_Os05g23860.1
DG _{HP}	Os054627_01	S7	0.000	-2.749	P	193.034	P	203.488	P	1368.354	LOC_Os01g73940.1
DG _{HP}	Os054630_01	S7	1.526	0.000	P	957.722	P	2758.752	P	1314.076	LOC_Os04g08270.1
DG _{HP}	Os054635_01	S7	1.044	0.000	P	1009.825	P	2082.653	P	976.255	LOC_Os02g48480.1
DG _{HP}	Os054639_01	S7	0.000	1.494	P	2837.059	P	4184.684	P	1485.614	LOC_Os10g25130.1
DG _{HP}	Os054659_01	S7	0.000	-1.681	P	318.948	P	339.811	P	1089.381	LOC_Os01g07760.2
DG _{HP}	Os054660_01	S7	0.000	-2.040	P	478.643	P	437.502	P	1799.798	LOC_Os04g41560.2
DG _{HP}	Os054661_02	S7	0.000	-1.657	P	349.561	P	205.753	P	648.651	-
DG _{HP}	Os054673_01	S7	0.000	-1.507	P	448.826	P	461.803	P	1312.729	LOC_Os03g55540.1
DG _{HP}	Os054687_01	S7	0.000	2.206	P	4014.079	P	6205.527	P	1345.228	LOC_Os03g55090.1
DG _{HP}	Os054699_01	S7	0.000	-2.171	P	465.775	P	696.822	P	3137.987	-
DG _{HP}	Os054725_01	S7	1.144	0.000	P	426.495	P	942.562	P	1349.527	LOC_Os07g11310.1
DG _{HP}	Os054727_01	S7	0.000	-1.396	P	174.678	P	197.269	P	519.191	LOC_Os01g61670.1
DG _{HP}	Os054745_01	S7	0.000	-2.377	P	862.457	P	561.561	P	2917.837	LOC_Os07g37030.1
DG _{HP}	Os054746_01	S7	0.763	0.000	P	240.480	P	408.094	P	388.474	LOC_Os10g40780.2
DG _{HP}	Os054779_01	S7	-0.981	0.000	P	356.560	P	180.639	P	221.499	LOC_Os01g13770.1
DG _{HP}	Os054789_01	S7	0.000	1.600	P	1180.806	P	1014.685	P	334.629	LOC_Os05g50380.1
DG _{HP}	Os054802_01	S7	-0.776	0.000	P	349.256	P	203.911	P	286.419	LOC_Os01g02940.4
DG _{HP}	Os054859_01	S7	0.853	0.000	P	466.043	P	841.762	P	487.280	LOC_Os03g07226.2

DG _{HP}	Os054867_01	S7	0.976	0.000	P	173.322	P	340.851	P	321.569	LOC_Os06g44190.1
DG _{HP}	Os054912_01	S7	-1.048	0.000	P	4799.773	P	2320.687	P	5372.696	LOC_Os02g44108.1
DG _{HP}	Os054914_01	S7	0.000	1.810	P	1032.878	P	1509.663	P	430.635	LOC_Os03g40440.1
DG _{HP}	Os054921_01	S7	0.000	1.620	P	547.418	P	473.436	P	154.036	LOC_Os02g06650.1
DG _{HP}	Os054939_01	S7	0.738	0.000	P	218.771	P	365.006	P	368.440	LOC_Os01g37560.3
DG _{HP}	Os054951_01	S7	0.748	0.000	P	1520.243	P	2553.716	P	2087.988	LOC_Os01g50700.1
DG _{HP}	Os055074_01	S7	0.000	-1.694	P	582.430	P	724.894	P	2345.201	LOC_Os07g43770.1
DG _{HP}	Os055079_01	S7	-1.574	0.000	P	997.561	P	334.951	P	479.141	LOC_Os10g43060.1
DG _{HP}	Os055090_01	S7	0.822	0.000	P	274.160	P	484.554	P	641.809	LOC_Os01g53700.1
DG _{HP}	Os055093_01	S7	0.886	1.847	P	772.518	P	1428.020	P	396.917	LOC_Os04g41980.2
DG _{HP}	Os055174_01	S7	0.848	1.739	P	1032.221	P	1857.550	P	556.390	LOC_Os10g29549.1
DG _{HP}	Os055308_01	S7	0.000	-2.159	P	419.223	P	524.332	P	2341.945	LOC_Os07g48020.1
DG _{HP}	Os055322_01	S7	0.000	1.571	P	4070.745	P	4878.670	P	1642.144	-
DG _{HP}	Os055328_01	S7	0.788	0.000	P	491.236	P	848.260	P	872.716	LOC_Os03g58980.1
DG _{HP}	Os055402_01	S7	0.000	1.493	P	373.458	P	512.868	P	182.203	LOC_Os11g31360.1
DG _{HP}	Os055412_01	S7	0.000	1.505	P	32206.659	P	39844.179	P	14034.738	LOC_Os03g55734.1
DG _{HP}	Os055414_01	S7	0.000	-1.853	P	250.739	P	244.498	P	882.966	LOC_Os11g33120.1
DG _{HP}	Os055450_01	S7	-0.809	0.000	P	2018.229	P	1152.207	P	849.863	LOC_Os03g12560.1
DG _{HP}	Os055567_01	S7	0.000	-2.042	P	155.814	P	145.323	P	598.518	LOC_Os07g46330.1
DG _{HP}	Os055618_01	S7	0.000	2.155	P	644.416	P	744.334	P	167.102	LOC_Os02g19420.1
DG _{HP}	Os055646_01	S7	-0.877	0.000	P	2098.749	P	1143.131	P	412.793	LOC_Os12g29670.1
DG _{HP}	Os055707_01	S7	0.000	-1.535	P	969.843	P	1036.500	P	3004.108	LOC_Os04g47990.1
DG _{HP}	Os055760_01	S7	0.000	1.574	P	748.041	P	1084.375	P	364.140	LOC_Os11g34390.1
DG _{HP}	Os056135_01	S7	-1.607	0.000	P	2261.433	P	742.414	P	1019.507	LOC_Os10g13680.1
DG _{HP}	Os056324_01	S7	1.082	0.000	P	164.488	P	348.140	P	646.389	-
DG _{HP}	Os056340_01	S7	0.926	1.683	P	644.696	P	1224.597	P	381.433	LOC_Os07g08420.1
DG _{HP}	Os056402_01	S7	1.007	0.000	P	105.441	P	211.845	P	211.049	LOC_Os03g25430.1
DG _{HP}	Os056527_01	S7	0.787	0.000	P	463.316	P	799.612	P	1145.025	-
DG _{HP}	Os056701_01	S7	0.740	0.000	P	1078.527	P	1801.276	P	838.632	-
DG _{HP}	Os056838_01	S7	-1.297	0.000	P	2495.679	P	1015.843	P	732.762	LOC_Os04g41970.1
DG _{HP}	Os056910_02	S7	-1.215	-1.541	P	3445.595	P	1483.780	P	4318.018	LOC_Os08g33820.1

DG _{HP}	Os056921_02	S7	0.896	0.000	P	157.618	P	293.291	A	78.558	-
DG _{HP}	Os056928_02	S7	0.000	-2.359	P	232.888	P	212.590	P	1090.483	LOC_Os09g27030.3
DG _{HP}	Os056942_02	S7	1.135	0.000	P	266.314	P	584.839	P	739.865	LOC_Os09g23110.1
DG _{HP}	Os057016_02	S7	0.000	-1.748	P	1520.432	P	1199.760	P	4029.776	-
DG _{HP}	Os057030_02	S7	1.154	0.000	P	171.559	P	381.774	P	825.043	LOC_Os07g39470.1
DG _{HP}	Os057070_02	S7	0.000	-2.581	P	400.921	P	415.569	P	2486.430	-
DG _{HP}	Os057164_02	S7	0.000	-1.414	A	118.219	P	199.270	P	530.940	LOC_Os07g10780.1
DG _{HP}	Os057168_02	S7	0.766	0.000	P	237.779	P	404.273	P	479.102	-
DG _{HP}	Os057245_02	S7	0.000	-1.909	P	199.196	P	196.590	P	738.112	LOC_Os07g48010.1
DG _{HP}	Os057254_02	S7	-1.027	-1.552	P	3874.080	P	1901.489	P	5574.375	-
DG _{HP}	Os057343_02	S7	0.000	-1.405	P	390.999	P	353.602	P	936.138	LOC_Os03g01210.1
DG _{HP}	Os057361_02	S7	0.739	0.000	P	199.587	P	333.188	P	370.941	-
DG _{HP}	Os057480_02	S7	-1.077	0.000	P	4536.622	P	2150.685	P	1623.853	-
DG _{HP}	Os057481_02	S7	0.000	-2.045	A	48.586	P	173.394	P	715.645	LOC_Os04g43390.1
DG _{HP}	Os057552_02	S7	1.583	0.000	P	228.729	P	685.292	P	390.712	LOC_Os07g29760.1

DG category	GeneID	Tissue	log2(N/P)	N Intens	P Intens	Tigr5 ID
DG _{PP}	Os041048_01	S1	1.196	731.411	319.265	-
DG _{PP}	Os035905_01	S1	1.523	920.492	320.194	LOC_Os11g39020.1
DG _{PP}	Os029195_01	S1	1.512	1073.824	376.469	LOC_Os01g56420.1
DG _{PP}	Os006128_01	S1	1.395	450.971	171.514	-
DG _{PP}	Os002678_01	S1	1.639	3930.918	1262.263	LOC_Os05g03920.1
DG _{PP}	Os004137_01	S1	1.138	459.916	208.968	LOC_Os08g07290.1
DG _{PP}	Os040850_01	S1	1.420	322.453	120.472	LOC_Os03g30040.1
DG _{PP}	Os006587_01	S1	1.811	914.366	260.538	-
DG _{PP}	Os041081_01	S1	1.362	341.068	132.676	-
DG _{PP}	Os002918_01	S1	1.172	480.184	213.105	LOC_Os05g38680.1
DG _{PP}	Os004399_01	S1	1.285	1035.240	424.880	LOC_Os02g40180.1
DG _{PP}	Os056918_02	S1	2.150	1838.523	414.269	LOC_Os01g13690.1
DG _{PP}	Os029140_01	S1	1.337	952.462	376.907	LOC_Os08g01520.1
DG _{PP}	Os004301_01	S1	1.417	401.623	150.419	LOC_Os05g07870.1

DG _{PP}	Os057431_02	S1	1.153	466.349	209.707	LOC_Os06g21340.1
DG _{PP}	Os002233_01	S1	2.245	682.767	144.044	-
DG _{PP}	Os008842_01	S1	1.445	870.263	319.567	LOC_Os11g39020.1
DG _{PP}	Os040035_01	S1	1.279	1064.551	438.711	-
DG _{PP}	Os009529_01	S1	1.155	435.757	195.673	LOC_Os10g40934.10
DG _{PP}	Os010650_01	S1	1.330	231.859	92.211	LOC_Os09g39590.1
DG _{PP}	Os029722_01	S1	1.228	1899.630	811.223	LOC_Os05g03600.1
DG _{PP}	Os000902_01	S1	1.268	517.527	214.892	LOC_Os03g53360.1
DG _{PP}	Os037155_01	S1	1.134	453.489	206.656	LOC_Os06g45370.1
DG _{PP}	Os008587_01	S1	1.240	327.132	138.538	-
DG _{PP}	Os010390_01	S1	1.246	441.758	186.315	LOC_Os05g48160.1
DG _{PP}	Os040593_01	S1	1.389	502.467	191.851	LOC_Os01g34614.1
DG _{PP}	Os001714_01	S1	1.355	421.843	164.859	LOC_Os08g02370.1
DG _{PP}	Os008640_01	S1	1.755	3854.051	1142.229	LOC_Os02g32814.1
DG _{PP}	Os009041_01	S1	1.376	554.338	213.633	LOC_Os01g16900.2
DG _{PP}	Os006301_01	S1	1.134	314.369	143.246	LOC_Os07g23880.1
DG _{PP}	Os028344_01	S1	1.342	560.207	220.980	LOC_Os01g45970.1
DG _{PP}	Os000689_01	S1	1.309	388.427	156.791	LOC_Os02g32990.1
DG _{PP}	Os001058_01	S1	2.096	1059.820	247.920	LOC_Os07g10540.1
DG _{PP}	Os001829_01	S1	1.222	267.986	114.907	LOC_Os12g43340.1
DG _{PP}	Os002197_01	S1	3.295	1324.305	134.928	LOC_Os01g63250.1
DG _{PP}	Os002221_01	S1	1.159	402.875	180.464	LOC_Os06g13280.1
DG _{PP}	Os003650_01	S1	1.434	398.040	147.338	LOC_Os03g15740.1
DG _{PP}	Os005465_01	S1	1.264	234.189	97.514	LOC_Os01g14370.2
DG _{PP}	Os008710_01	S1	1.165	253.731	113.172	LOC_Os03g11210.1
DG _{PP}	Os009128_01	S1	1.173	343.632	152.349	LOC_Os03g08810.1
DG _{PP}	Os009863_01	S1	1.198	1362.753	594.009	LOC_Os09g23160.1
DG _{PP}	Os009904_01	S1	1.383	2041.387	782.862	LOC_Os07g07540.1
DG _{PP}	Os010948_01	S1	2.126	5351.655	1225.654	LOC_Os03g03724.2
DG _{PP}	Os037671_01	S1	1.299	277.812	112.934	LOC_Os01g07890.1
DG _{PP}	Os038123_01	S1	1.424	690.171	257.266	LOC_Os09g09630.1

DG _{PP}	Os057499_02	S1	1.266	687.378	285.746	LOC_Os02g27340.1
DG _{PP}	Os000907_01	S1	1.668	342.200	107.685	LOC_Os08g21561.1
DG _{PP}	Os002024_01	S1	1.424	833.721	310.708	LOC_Os01g69110.1
DG _{PP}	Os034452_01	S1	1.440	429.609	158.292	LOC_Os09g02350.1
DG _{PP}	Os008886_01	S1	1.130	461.600	210.965	LOC_Os11g10990.1
DG _{PP}	Os008928_01	S1	1.182	386.760	170.405	LOC_Os03g59710.1
DG _{PP}	Os008934_01	S1	1.409	728.756	274.503	LOC_Os02g15640.1
DG _{PP}	Os028782_01	S1	1.225	329.852	141.065	LOC_Os11g12810.1
DG _{PP}	Os000607_01	S1	2.127	412.780	94.477	-
DG _{PP}	Os000935_01	S1	1.248	976.624	411.278	LOC_Os02g42560.1
DG _{PP}	Os000896_01	S1	1.602	559.446	184.281	LOC_Os01g67220.2
DG _{PP}	Os010460_01	S1	1.264	842.853	351.031	-
DG _{PP}	Os008609_01	S1	1.158	1347.604	603.773	LOC_Os02g44500.1
DG _{PP}	Os009063_01	S1	1.143	334.679	151.549	LOC_Os04g43650.2
DG _{PP}	Os009767_01	S1	1.196	870.479	379.890	LOC_Os04g32270.2
DG _{PP}	Os039861_01	S1	1.435	410.545	151.802	LOC_Os11g42490.1
DG _{PP}	Os000047_01	S1	1.774	450.813	131.838	-
DG _{PP}	Os000053_01	S1	1.341	2077.539	820.204	LOC_Os03g55290.1
DG _{PP}	Os001925_01	S1	1.741	495.900	148.398	LOC_Os06g03860.1
DG _{PP}	Os003037_01	S1	1.306	273.831	110.730	-
DG _{PP}	Os030539_01	S1	1.275	3688.394	1524.150	LOC_Os09g32976.1
DG _{PP}	Os037023_01	S1	1.165	236.383	105.399	LOC_Os01g29469.1
DG _{PP}	Os007729_01	S1	1.561	533.984	180.918	LOC_Os09g29380.1
DG _{PP}	Os026390_01	S1	1.225	670.631	286.993	LOC_Os05g25040.2
DG _{PP}	Os028705_01	S1	1.393	4050.826	1542.118	LOC_Os05g09400.1
DG _{PP}	Os002898_01	S1	1.139	367.858	166.995	LOC_Os11g11330.1
DG _{PP}	Os010237_01	S1	1.146	388.692	175.595	LOC_Os05g12370.1
DG _{PP}	Os005944_01	S1	1.228	9786.161	4178.792	LOC_Os04g51070.1
DG _{PP}	Os008450_01	S1	1.853	1870.112	517.827	LOC_Os01g67980.1
DG _{PP}	Os005821_02	S1	1.424	270.897	100.989	-
DG _{PP}	Os008751_01	S1	1.189	880.390	386.082	-

DG _{PP}	Os008781_01	S1	1.172	645.312	286.333	LOC_Os02g07410.1
DG _{PP}	Os009503_01	S1	1.331	464.790	184.778	LOC_Os01g63690.1
DG _{PP}	Os009885_01	S1	1.428	610.469	226.826	LOC_Os02g17330.1
DG _{PP}	Os011001_01	S1	1.219	628.782	270.157	LOC_Os05g46480.4
DG _{PP}	Os019935_01	S1	1.317	890.251	357.258	LOC_Os05g48700.1
DG _{PP}	Os047443_01	S1	1.279	757.551	312.214	LOC_Os05g18050.1
DG _{PP}	Os053065_01	S1	1.776	505.074	147.466	LOC_Os01g06530.1
DG _{PP}	Os015744_01	S1	1.389	681.351	260.106	LOC_Os04g54790.1
DG _{PP}	Os016542_01	S1	1.399	790.105	299.675	LOC_Os05g14270.1
DG _{PP}	Os017668_01	S1	1.564	403.846	136.629	LOC_Os05g47442.1
DG _{PP}	Os017691_01	S1	1.176	1439.708	637.032	LOC_Os12g31860.3
DG _{PP}	Os018745_01	S1	1.187	1105.926	485.729	LOC_Os01g17240.1
DG _{PP}	Os019163_01	S1	1.581	5798.130	1938.652	LOC_Os01g08560.2
DG _{PP}	Os019941_01	S1	1.318	711.236	285.349	LOC_Os03g19250.1
DG _{PP}	Os019947_01	S1	1.426	371.412	138.256	LOC_Os11g12050.2
DG _{PP}	Os020302_01	S1	1.212	1117.166	482.145	LOC_Os02g57180.1
DG _{PP}	Os021455_01	S1	1.135	691.788	315.007	LOC_Os03g55820.1
DG _{PP}	Os022942_01	S1	1.180	254.314	112.209	-
DG _{PP}	Os025882_01	S1	1.128	593.404	271.566	LOC_Os01g20830.1
DG _{PP}	Os054660_01	S1	1.666	3095.774	975.786	LOC_Os04g41560.2
DG _{PP}	Os055024_01	S1	1.402	733.388	277.516	LOC_Os04g53310.1
DG _{PP}	Os055331_01	S1	1.153	754.344	339.248	LOC_Os06g05060.1
DG _{PP}	Os013156_01	S1	1.391	512.844	195.587	LOC_Os03g62240.1
DG _{PP}	Os013532_01	S1	1.864	1290.829	354.659	LOC_Os01g55094.2
DG _{PP}	Os016689_01	S1	1.974	656.576	167.176	LOC_Os08g01514.1
DG _{PP}	Os020077_01	S1	1.145	1673.339	756.789	LOC_Os07g37800.1
DG _{PP}	Os017372_01	S1	1.630	547.300	176.878	LOC_Os11g45720.1
DG _{PP}	Os046160_01	S1	1.217	553.073	237.917	LOC_Os07g32440.1
DG _{PP}	Os016284_01	S1	1.169	2010.686	894.320	LOC_Os05g34650.1
DG _{PP}	Os016966_01	S1	1.442	9418.272	3466.939	LOC_Os04g32850.2
DG _{PP}	Os018865_01	S1	1.360	1078.773	420.235	-

DG _{PP}	Os021857_01	S1	1.140	1045.525	474.412	LOC_Os10g41200.1
DG _{PP}	Os022964_01	S1	1.267	482.605	200.499	LOC_Os06g28060.1
DG _{PP}	Os024086_01	S1	1.279	1622.368	668.320	LOC_Os10g25310.1
DG _{PP}	Os054700_01	S1	1.722	1255.861	380.561	LOC_Os07g44330.2
DG _{PP}	Os011344_01	S1	1.420	1080.729	404.015	-
DG _{PP}	Os022079_01	S1	1.624	533.154	173.005	LOC_Os03g09230.2
DG _{PP}	Os015021_01	S1	1.611	1861.891	609.587	LOC_Os10g29502.1
DG _{PP}	Os025786_01	S1	1.358	400.040	156.076	-
DG _{PP}	Os052580_01	S1	1.146	183.901	83.105	LOC_Os01g69030.3
DG _{PP}	Os018760_01	S1	1.188	237.025	104.019	LOC_Os05g50660.1
DG _{PP}	Os019927_01	S1	1.816	333.964	94.827	LOC_Os05g37450.1
DG _{PP}	Os012279_01	S1	1.167	389.004	173.295	-
DG _{PP}	Os018766_01	S1	1.199	579.083	252.215	LOC_Os04g40670.1
DG _{PP}	Os018911_01	S1	1.170	4387.750	1949.868	LOC_Os10g01560.1
DG _{PP}	Os051763_01	S1	1.332	564.329	224.108	LOC_Os11g27100.1
DG _{PP}	Os020281_01	S1	1.262	2197.120	916.115	LOC_Os03g64130.1
DG _{PP}	Os042131_01	S1	1.218	273.711	117.691	LOC_Os09g08350.1
DG _{PP}	Os017110_01	S1	1.764	284.979	83.893	LOC_Os05g39000.1
DG _{PP}	Os017421_01	S1	2.493	625.486	111.077	LOC_Os02g44590.1
DG _{PP}	Os023497_01	S1	1.250	1542.029	648.405	-
DG _{PP}	Os043674_01	S1	1.130	232.313	106.182	LOC_Os05g18090.1
DG _{PP}	Os014807_01	S1	1.304	305.753	123.816	LOC_Os01g68620.1
DG _{PP}	Os015539_01	S1	1.300	345.518	140.324	LOC_Os02g55000.1
DG _{PP}	Os019665_01	S1	1.816	1853.723	526.652	-
DG _{PP}	Os019688_01	S1	1.152	4389.057	1975.435	LOC_Os04g02820.2
DG _{PP}	Os051892_01	S1	1.249	29094.231	12238.363	LOC_Os08g15149.1
DG _{PP}	Os055522_01	S1	1.201	340.409	148.038	LOC_Os08g16840.1
DG _{PP}	Os013718_01	S1	1.436	592.100	218.810	LOC_Os07g31850.1
DG _{PP}	Os042647_01	S1	1.544	556.673	190.886	LOC_Os07g03620.1
DG _{PP}	Os018286_01	S1	1.176	836.548	370.209	LOC_Os04g42470.4
DG _{PP}	Os018334_01	S1	1.142	535.345	242.617	LOC_Os03g50870.1

DG _{PP}	Os048494_01	S1	1.164	1924.353	858.957	LOC_Os07g43860.1
DG _{PP}	Os018663_01	S1	1.173	256.572	113.754	LOC_Os06g33570.1
DG _{PP}	Os019083_01	S1	1.330	370.038	147.238	LOC_Os05g22960.1
DG _{PP}	Os019413_01	S1	1.926	4021.955	1058.172	LOC_Os07g49110.1
DG _{PP}	Os019788_01	S1	1.151	812.179	365.772	LOC_Os05g25840.3
DG _{PP}	Os052281_01	S1	1.367	6638.018	2573.311	LOC_Os07g46460.1
DG _{PP}	Os052323_01	S1	1.146	8247.599	3727.225	LOC_Os03g61260.2
DG _{PP}	Os023514_01	S1	1.795	1908.699	549.922	LOC_Os05g35050.1
DG _{PP}	Os053072_01	S1	1.293	5350.860	2184.203	LOC_Os03g49710.1
DG _{PP}	Os054497_01	S1	1.134	590.918	269.312	LOC_Os02g03280.2
DG _{PP}	Os042794_01	S1	1.155	269.697	121.133	LOC_Os02g27070.2
DG _{PP}	Os012318_01	S1	1.316	986.911	396.451	LOC_Os04g44430.1
DG _{PP}	Os012646_01	S1	1.581	1207.045	403.430	LOC_Os08g28730.1
DG _{PP}	Os012664_01	S1	1.630	995.061	321.393	LOC_Os02g52650.1
DG _{PP}	Os012670_01	S1	1.142	756.131	342.730	LOC_Os04g33310.1
DG _{PP}	Os014522_01	S1	1.318	1165.401	467.530	LOC_Os08g14450.1
DG _{PP}	Os015562_01	S1	1.309	697.990	281.731	LOC_Os12g05730.1
DG _{PP}	Os016307_01	S1	1.214	460.497	198.541	LOC_Os02g46850.1
DG _{PP}	Os016738_01	S1	1.282	428.547	176.185	LOC_Os02g28900.1
DG _{PP}	Os017862_01	S1	1.351	562.747	220.638	LOC_Os09g04730.1
DG _{PP}	Os018167_01	S1	1.234	321.584	136.748	LOC_Os01g49350.1
DG _{PP}	Os018191_01	S1	1.229	488.056	208.190	LOC_Os05g33730.1
DG _{PP}	Os018545_01	S1	1.324	638.821	255.111	LOC_Os09g27210.1
DG _{PP}	Os018984_01	S1	1.532	728.793	252.029	LOC_Os06g03600.2
DG _{PP}	Os019318_01	S1	1.821	342.546	96.923	LOC_Os01g67920.1
DG _{PP}	Os019336_01	S1	1.138	176.631	80.262	LOC_Os11g16280.1
DG _{PP}	Os019366_01	S1	1.398	496.568	188.468	LOC_Os03g13590.1
DG _{PP}	Os019670_01	S1	1.167	590.716	263.114	LOC_Os08g23110.1
DG _{PP}	Os020090_01	S1	1.144	427.606	193.528	LOC_Os01g52640.3
DG _{PP}	Os020427_01	S1	1.379	1164.845	447.761	LOC_Os08g02690.1
DG _{PP}	Os020445_01	S1	1.340	1133.251	447.670	LOC_Os06g43210.1

DG _{PP}	Os020872_01	S1	1.422	432.553	161.410	LOC_Os01g72870.2
DG _{PP}	Os021933_01	S1	1.362	686.656	267.072	LOC_Os08g32100.1
DG _{PP}	Os021951_01	S1	1.239	660.209	279.756	LOC_Os02g011170.1
DG _{PP}	Os052212_01	S1	1.189	1061.057	465.390	LOC_Os02g33080.1
DG _{PP}	Os052235_01	S1	1.377	663.146	255.321	LOC_Os03g24580.1
DG _{PP}	Os054783_01	S1	1.304	967.661	392.018	LOC_Os02g31290.2
DG _{PP}	Os055176_01	S1	1.345	791.054	311.328	LOC_Os07g33630.1
DG _{PP}	Os055891_01	S1	1.345	820.997	323.275	LOC_Os03g27820.1
DG _{PP}	Os012152_01	S1	1.658	1190.163	377.237	LOC_Os01g18800.1
DG _{PP}	Os012218_01	S1	2.356	1745.023	340.823	LOC_Os02g41550.3
DG _{PP}	Os012547_01	S1	2.078	1004.469	237.912	LOC_Os02g10350.1
DG _{PP}	Os012571_01	S1	1.348	384.171	150.932	LOC_Os05g05590.1
DG _{PP}	Os013279_01	S1	1.452	862.909	315.496	LOC_Os07g35480.3
DG _{PP}	Os013652_01	S1	1.511	953.492	334.578	LOC_Os04g51120.1
DG _{PP}	Os013670_01	S1	1.157	505.822	226.764	LOC_Os07g42770.1
DG _{PP}	Os013723_01	S1	1.376	493.883	190.337	LOC_Os03g62370.1
DG _{PP}	Os047230_01	S1	1.524	842.701	292.950	LOC_Os10g30440.1
DG _{PP}	Os020332_01	S1	1.495	1129.825	400.861	LOC_Os03g47580.1
DG _{PP}	Os013959_01	S1	1.137	1436.509	653.320	LOC_Os01g31870.1
DG _{PP}	Os030307_01	S1	-1.340	122.520	310.064	LOC_Os07g36510.1
DG _{PP}	Os031441_01	S1	-1.290	192.565	470.894	LOC_Os04g20910.1
DG _{PP}	Os031447_01	S1	-1.854	106.127	383.522	LOC_Os01g34940.1
DG _{PP}	Os006051_01	S1	-1.609	489.732	1494.345	LOC_Os07g04480.1
DG _{PP}	Os034083_01	S1	-1.208	176.419	407.609	LOC_Os02g44700.1
DG _{PP}	Os036357_01	S1	-1.272	195.919	473.154	-
DG _{PP}	Os040133_01	S1	-1.685	139.654	449.148	LOC_Os08g37050.1
DG _{PP}	Os028045_01	S1	-1.169	111.815	251.497	LOC_Os02g15300.1
DG _{PP}	Os000594_01	S1	-1.311	409.067	1014.858	LOC_Os04g29550.1
DG _{PP}	Os030016_01	S1	-1.248	122.835	291.677	LOC_Os08g38510.1
DG _{PP}	Os030378_01	S1	-1.514	727.480	2077.640	LOC_Os06g09390.2
DG _{PP}	Os030806_01	S1	-1.211	1162.232	2690.285	-

DG _{PP}	Os033846_01	S1	-2.553	118.698	696.752	LOC_Os03g51570.1
DG _{PP}	Os036814_01	S1	-1.170	277.079	623.660	LOC_Os11g26400.1
DG _{PP}	Os036725_01	S1	-1.571	209.911	623.869	-
DG _{PP}	Os000258_01	S1	-1.204	158.982	366.201	LOC_Os02g51320.1
DG _{PP}	Os030408_01	S1	-1.233	629.251	1479.069	-
DG _{PP}	Os032468_01	S1	-1.629	163.401	505.347	LOC_Os03g49930.1
DG _{PP}	Os036286_01	S1	-1.311	147.945	367.182	LOC_Os08g01910.1
DG _{PP}	Os002166_02	S1	-1.173	285.838	644.593	-
DG _{PP}	Os008720_01	S1	-3.987	99.696	1581.209	-
DG _{PP}	Os000446_01	S1	-1.374	1247.046	3232.778	LOC_Os05g02070.1
DG _{PP}	Os001942_01	S1	-1.294	4710.273	11547.437	-
DG _{PP}	Os010699_01	S1	-1.201	263.016	604.479	LOC_Os03g60720.1
DG _{PP}	Os010958_01	S1	-1.333	10410.444	26221.862	LOC_Os06g11860.1
DG _{PP}	Os031446_01	S1	-1.474	239.387	665.117	-
DG _{PP}	Os033744_01	S1	-1.201	149.056	342.573	LOC_Os03g05450.1
DG _{PP}	Os034533_01	S1	-1.223	124.307	290.160	LOC_Os05g12270.1
DG _{PP}	Os039877_01	S1	-1.790	179.023	619.202	-
DG _{PP}	Os041041_01	S1	-1.239	171.522	404.729	LOC_Os03g05600.1
DG _{PP}	Os036131_01	S1	-1.304	766.216	1892.482	-
DG _{PP}	Os030917_01	S1	-1.187	172.438	392.565	LOC_Os10g34130.1
DG _{PP}	Os026388_01	S1	-1.271	299.896	723.786	LOC_Os07g02430.1
DG _{PP}	Os027168_01	S1	-1.705	101.440	330.819	LOC_Os11g41260.1
DG _{PP}	Os031968_01	S1	-1.760	130.321	441.502	LOC_Os01g60520.1
DG _{PP}	Os009054_01	S1	-1.291	232.160	568.276	LOC_Os02g49790.1
DG _{PP}	Os000875_01	S1	-1.217	125.071	290.725	LOC_Os07g46180.1
DG _{PP}	Os000168_01	S1	-5.954	114.900	7123.112	LOC_Os07g15959.1
DG _{PP}	Os003794_01	S1	-4.053	179.086	2971.579	LOC_Os09g27010.1
DG _{PP}	Os036402_01	S1	-2.973	319.259	2506.206	-
DG _{PP}	Os009664_01	S1	-1.365	300.751	774.485	LOC_Os03g04470.1
DG _{PP}	Os010823_01	S1	-1.270	174.353	420.425	LOC_Os01g29180.1
DG _{PP}	Os039822_01	S1	-2.052	435.779	1807.529	LOC_Os10g10260.1

DG _{PP}	Os028048_01	S1	-4.571	155.028	3685.582	LOC_Os09g16300.1
DG _{PP}	Os028725_01	S1	-1.186	223.876	509.422	LOC_Os11g04430.1
DG _{PP}	Os010185_01	S1	-1.393	100.374	263.628	LOC_Os07g12200.1
DG _{PP}	Os014957_01	S1	-1.332	92.742	233.409	LOC_Os04g23630.1
DG _{PP}	Os014557_01	S1	-1.611	183.180	559.693	LOC_Os03g22620.1
DG _{PP}	Os052610_01	S1	-1.217	103.557	240.721	LOC_Os06g18670.1
DG _{PP}	Os043156_01	S1	-1.363	731.979	1883.072	LOC_Os12g31748.1
DG _{PP}	Os055586_01	S1	-1.178	116.033	262.572	LOC_Os01g15290.2
DG _{PP}	Os045347_01	S1	-3.103	195.087	1676.094	LOC_Os06g18120.1
DG _{PP}	Os014289_01	S1	-1.782	99.232	341.221	LOC_Os07g26000.1
DG _{PP}	Os013014_01	S1	-1.203	150.880	347.324	LOC_Os01g06550.1
DG _{PP}	Os045565_01	S1	-2.082	138.581	586.593	LOC_Os10g09630.1
DG _{PP}	Os011980_01	S1	-2.748	87.378	587.066	LOC_Os01g42710.1
DG _{PP}	Os011314_01	S1	-1.469	122.346	338.620	LOC_Os06g08910.3
DG _{PP}	Os044283_01	S1	-3.004	297.732	2389.160	-
DG _{PP}	Os055242_01	S1	-1.756	104.605	353.256	LOC_Os03g13210.1
DG _{PP}	Os041295_01	S1	-1.663	104.833	331.898	LOC_Os06g01920.1
DG _{PP}	Os041319_01	S1	-1.653	105.821	332.804	LOC_Os12g29540.1
DG _{PP}	Os042417_01	S1	-2.062	95.525	398.997	LOC_Os11g35930.1
DG _{PP}	Os013494_01	S1	-1.173	2531.279	5708.430	LOC_Os04g21790.1
DG _{PP}	Os051974_01	S1	-1.380	1010.525	2629.904	LOC_Os01g03360.1
DG _{PP}	Os023165_01	S1	-1.207	155.344	358.542	LOC_Os10g41560.1
DG _{PP}	Os023881_01	S1	-1.505	130.789	371.086	LOC_Os03g53690.1
DG _{PP}	Os044377_01	S1	-1.903	130.546	488.118	LOC_Os09g16530.1
DG _{PP}	Os043890_01	S1	-1.287	104.063	253.892	LOC_Os05g12790.1
DG _{PP}	Os011820_01	S1	-2.430	103.607	558.188	-
DG _{PP}	Os019650_01	S1	-1.362	210.610	541.414	LOC_Os07g48200.1
DG _{PP}	Os022605_01	S1	-1.307	164.761	407.748	LOC_Os03g59580.1
DG _{PP}	Os055842_01	S1	-1.722	534.933	1764.901	LOC_Os01g54800.1
DG _{PP}	Os055421_01	S1	-1.370	161.950	418.587	LOC_Os01g42860.1
DG _{PP}	Os043831_01	S1	-1.346	98.905	251.498	-

DG _{PP}	Os024745_01	S1	-1.413	108.552	289.154	LOC_Os05g06510.1
DG _{PP}	Os052783_01	S1	-1.633	99.850	309.688	LOC_Os04g47580.1
DG _{PP}	Os053102_01	S1	-1.173	84.217	189.905	LOC_Os10g07480.1
DG _{PP}	Os053489_01	S1	-1.654	232.261	730.740	LOC_Os11g17480.1
DG _{PP}	Os054568_01	S1	-1.595	456.398	1378.630	LOC_Os06g29180.1
DG _{PP}	Os054592_01	S1	-1.510	658.599	1875.829	LOC_Os05g06310.1
DG _{PP}	Os054598_01	S1	-1.977	157.898	621.687	LOC_Os01g07310.1
DG _{PP}	Os054622_01	S1	-1.234	415.028	976.369	LOC_Os06g37180.1
DG _{PP}	Os054646_01	S1	-1.853	91.158	329.216	LOC_Os01g73910.1
DG _{PP}	Os055334_01	S1	-1.254	299.341	713.905	LOC_Os10g37240.1
DG _{PP}	Os055340_01	S1	-1.284	112.015	272.689	-
DG _{PP}	Os055682_01	S1	-1.222	90.716	211.576	LOC_Os08g29500.1
DG _{PP}	Os011655_01	S1	-1.269	77.947	187.812	LOC_Os10g21360.1
DG _{PP}	Os054493_01	S1	-1.182	624.814	1417.749	LOC_Os03g22810.1
DG _{PP}	Os012660_01	S1	-1.389	86.701	227.027	LOC_Os01g48910.2
DG _{PP}	Os025501_01	S1	-1.529	170.295	491.452	LOC_Os04g48410.1
DG _{PP}	Os012425_01	S1	-1.289	91.580	223.725	-
DG _{PP}	Os054428_01	S1	-1.261	99.900	239.373	LOC_Os01g42860.1
DG _{PP}	Os014364_01	S1	-1.733	158.973	528.587	LOC_Os01g45914.1
DG _{PP}	Os052266_01	S1	-1.387	125.777	328.989	LOC_Os01g40860.1
DG _{PP}	Os014085_01	S1	-1.563	206.733	610.746	-
DG _{PP}	Os041269_01	S1	-1.371	169.270	437.888	LOC_Os10g01500.1
DG _{PP}	Os018051_01	S1	-1.938	110.265	422.595	LOC_Os06g35480.1
DG _{PP}	Os012013_01	S1	-1.390	180.947	474.376	LOC_Os01g50622.4
DG _{PP}	Os014887_01	S1	-2.140	194.991	859.407	LOC_Os04g25740.1
DG _{PP}	Os015693_01	S1	-1.254	475.684	1134.704	LOC_Os10g11354.1
DG _{PP}	Os043567_01	S1	-1.480	191.872	535.369	LOC_Os11g17040.1
DG _{PP}	Os015060_01	S1	-1.218	95.505	222.112	LOC_Os03g45970.3
DG _{PP}	Os019937_01	S1	-2.649	239.398	1501.364	LOC_Os10g03750.1
DG _{PP}	Os052960_01	S1	-1.830	230.463	819.346	LOC_Os01g12110.2
DG _{PP}	Os043894_01	S1	-1.990	117.549	467.084	LOC_Os12g31000.1

DG _{PP}	Os044565_01	S1	-1.310	360.703	894.317	-
DG _{PP}	Os041369_01	S1	-1.971	87.775	344.225	LOC_Os10g17590.1
DG _{PP}	Os046600_01	S1	-1.442	264.388	718.110	-
DG _{PP}	Os019560_01	S1	-1.422	117.374	314.552	LOC_Os10g03850.1
DG _{PP}	Os021073_01	S1	-1.367	994.449	2564.343	LOC_Os02g39000.1
DG _{PP}	Os024737_01	S1	-1.229	116.011	271.857	LOC_Os01g01660.1
DG _{PP}	Os054626_01	S1	-1.592	221.332	667.360	LOC_Os03g22810.1
DG _{PP}	Os044196_01	S1	-2.031	308.682	1261.448	LOC_Os05g32650.1
DG _{PP}	Os043923_01	S1	-3.058	217.861	1814.490	LOC_Os02g27160.1
DG _{PP}	Os011454_01	S1	-1.300	239.896	590.896	LOC_Os01g43080.1
DG _{PP}	Os021479_01	S1	-1.925	78.898	299.695	LOC_Os04g09654.1
DG _{PP}	Os025187_01	S1	-1.184	107.841	244.977	-
DG _{PP}	Os003434_01	S2	1.412	595.983	223.901	LOC_Os03g48170.1
DG _{PP}	Os038619_01	S2	1.269	2252.693	934.492	-
DG _{PP}	Os026160_01	S2	1.263	579.118	241.256	LOC_Os01g14650.1
DG _{PP}	Os035342_01	S2	1.420	466.418	174.302	LOC_Os12g21870.1
DG _{PP}	Os001988_01	S2	1.416	271.466	101.698	LOC_Os02g29190.1
DG _{PP}	Os031055_01	S2	1.294	269.044	109.699	LOC_Os03g08230.1
DG _{PP}	Os035591_01	S2	1.336	1457.459	577.147	LOC_Os11g32010.1
DG _{PP}	Os008519_01	S2	1.355	412.403	161.278	LOC_Os01g66100.1
DG _{PP}	Os039771_01	S2	2.081	645.807	152.601	LOC_Os01g24970.1
DG _{PP}	Os002807_01	S2	1.305	451.078	182.555	-
DG _{PP}	Os010136_01	S2	2.089	778.352	182.994	LOC_Os11g06730.1
DG _{PP}	Os040246_01	S2	1.346	1657.855	652.181	LOC_Os08g44670.1
DG _{PP}	Os035930_01	S2	1.263	262.224	109.262	LOC_Os04g31290.1
DG _{PP}	Os040062_01	S2	1.316	351.172	141.023	-
DG _{PP}	Os026372_01	S2	2.195	481.946	105.229	LOC_Os05g27530.1
DG _{PP}	Os028543_01	S2	1.341	401.587	158.481	LOC_Os03g47890.1
DG _{PP}	Os000023_01	S2	3.950	1271.764	82.261	LOC_Os02g15980.1
DG _{PP}	Os000040_01	S2	1.467	4812.716	1740.724	LOC_Os01g65440.1
DG _{PP}	Os000128_01	S2	1.445	869.707	319.509	LOC_Os06g12740.1

DG _{PP}	Os010147_01	S2	1.322	4786.666	1913.979	LOC_Os12g43670.1
DG _{PP}	Os002390_01	S2	1.863	9821.673	2700.499	LOC_Os07g05360.1
DG _{PP}	Os028157_01	S2	1.972	1172.796	299.020	LOC_Os10g32110.1
DG _{PP}	Os032871_01	S2	1.939	460.834	120.204	-
DG _{PP}	Os032503_01	S2	1.275	667.162	275.623	LOC_Os10g08190.1
DG _{PP}	Os034759_01	S2	1.443	3425.374	1259.617	LOC_Os04g13090.1
DG _{PP}	Os010652_01	S2	1.589	1054.527	350.553	-
DG _{PP}	Os039580_01	S2	3.087	1303.830	153.482	LOC_Os02g40180.1
DG _{PP}	Os009659_01	S2	1.329	468.228	186.319	LOC_Os03g62010.1
DG _{PP}	Os040304_01	S2	2.711	775.487	118.465	LOC_Os04g06879.1
DG _{PP}	Os030162_01	S2	1.513	1145.618	401.354	LOC_Os04g51760.1
DG _{PP}	Os036907_01	S2	1.957	2409.611	620.496	LOC_Os05g48780.1
DG _{PP}	Os004399_01	S2	2.987	1562.590	197.025	LOC_Os02g40180.1
DG _{PP}	Os030672_01	S2	1.399	350.264	132.804	LOC_Os08g40120.1
DG _{PP}	Os031408_01	S2	1.307	477.094	192.787	LOC_Os12g09770.1
DG _{PP}	Os029823_01	S2	1.392	813.852	310.121	-
DG _{PP}	Os030589_01	S2	1.548	296.826	101.479	LOC_Os10g08990.1
DG _{PP}	Os008441_01	S2	1.577	620.052	207.758	LOC_Os03g49190.1
DG _{PP}	Os008400_01	S2	1.417	1263.825	473.356	LOC_Os02g57720.1
DG _{PP}	Os028807_01	S2	2.099	774.496	180.762	-
DG _{PP}	Os029109_01	S2	1.697	469.463	144.844	LOC_Os12g01720.1
DG _{PP}	Os030344_01	S2	1.276	858.248	354.488	LOC_Os12g43820.1
DG _{PP}	Os028106_01	S2	1.311	345.637	139.321	LOC_Os12g06290.1
DG _{PP}	Os000060_01	S2	1.610	680.971	223.072	LOC_Os02g42700.1
DG _{PP}	Os000066_01	S2	3.036	936.586	114.168	LOC_Os12g19350.1
DG _{PP}	Os001204_01	S2	3.152	818.278	92.062	LOC_Os06g24594.1
DG _{PP}	Os001521_01	S2	3.381	1340.908	128.701	LOC_Os08g37140.1
DG _{PP}	Os002658_01	S2	1.545	485.897	166.519	LOC_Os02g03530.1
DG _{PP}	Os001104_01	S2	1.691	1260.572	390.450	LOC_Os01g46700.1
DG _{PP}	Os032267_01	S2	3.099	1518.319	177.171	LOC_Os06g08690.1
DG _{PP}	Os004249_01	S2	1.848	462.328	128.456	LOC_Os11g47140.1

DG _{PP}	Os010912_01	S2	1.539	520.237	179.058	LOC_Os06g23870.1
DG _{PP}	Os057433_02	S2	1.310	450.437	181.721	-
DG _{PP}	Os008169_01	S2	2.301	1563.154	317.158	LOC_Os02g40240.2
DG _{PP}	Os031721_01	S2	1.608	368.330	120.792	-
DG _{PP}	Os035877_01	S2	1.438	508.707	187.753	-
DG _{PP}	Os037041_01	S2	2.123	678.605	155.784	-
DG _{PP}	Os009967_01	S2	1.404	499.626	188.863	LOC_Os02g32450.1
DG _{PP}	Os037451_01	S2	1.321	542.359	217.127	LOC_Os12g17870.1
DG _{PP}	Os040841_01	S2	2.760	2128.903	314.350	LOC_Os05g38390.1
DG _{PP}	Os000683_01	S2	1.308	365.048	147.431	-
DG _{PP}	Os001920_01	S2	3.008	5705.724	709.175	LOC_Os02g41580.1
DG _{PP}	Os038128_01	S2	1.314	540.538	217.464	LOC_Os03g59990.1
DG _{PP}	Os016453_01	S2	1.293	340.185	138.843	LOC_Os06g36210.1
DG _{PP}	Os023895_01	S2	1.293	221.069	90.244	LOC_Os02g47370.1
DG _{PP}	Os054478_01	S2	1.511	338.657	118.837	LOC_Os10g41410.2
DG _{PP}	Os054921_01	S2	1.488	368.866	131.469	LOC_Os02g06650.1
DG _{PP}	Os042461_01	S2	1.340	312.397	123.431	LOC_Os05g10760.1
DG _{PP}	Os014195_01	S2	1.363	354.018	137.672	-
DG _{PP}	Os016476_01	S2	1.292	271.052	110.686	LOC_Os01g15770.1
DG _{PP}	Os054220_01	S2	1.478	556.596	199.810	LOC_Os01g14630.1
DG _{PP}	Os014603_01	S2	1.728	786.333	237.318	LOC_Os01g55870.1
DG _{PP}	Os016023_01	S2	2.435	1344.955	248.733	LOC_Os11g38980.4
DG _{PP}	Os017568_01	S2	1.586	395.621	131.761	LOC_Os03g43590.1
DG _{PP}	Os019472_01	S2	1.286	827.433	339.211	LOC_Os05g46770.2
DG _{PP}	Os044729_01	S2	1.839	615.344	171.997	LOC_Os05g30200.1
DG _{PP}	Os018414_01	S2	1.615	3151.130	1029.023	LOC_Os07g28910.1
DG _{PP}	Os045632_01	S2	1.581	3376.181	1128.400	LOC_Os07g18070.1
DG _{PP}	Os019163_01	S2	1.498	1920.132	680.024	LOC_Os01g08560.2
DG _{PP}	Os019169_01	S2	1.417	1511.350	566.020	LOC_Os10g02630.1
DG _{PP}	Os019869_01	S2	1.467	3050.250	1103.340	LOC_Os01g61460.1
DG _{PP}	Os019947_01	S2	2.066	382.073	91.256	LOC_Os11g12050.2

DG _{PP}	Os020706_01	S2	1.686	357.544	111.097	LOC_Os02g18660.1
DG _{PP}	Os053917_01	S2	1.374	527.301	203.450	LOC_Os01g67540.1
DG _{PP}	Os054977_01	S2	1.266	795.624	330.790	LOC_Os01g59970.1
DG _{PP}	Os042188_01	S2	1.315	373.566	150.128	LOC_Os03g18620.1
DG _{PP}	Os042550_01	S2	1.277	1149.002	474.131	LOC_Os02g32320.1
DG _{PP}	Os042924_01	S2	1.406	927.513	350.108	LOC_Os04g19870.1
DG _{PP}	Os011230_01	S2	1.322	407.785	163.107	LOC_Os08g10570.2
DG _{PP}	Os012005_01	S2	2.217	1121.626	241.186	LOC_Os03g58640.1
DG _{PP}	Os015161_01	S2	2.019	450.835	111.253	LOC_Os04g52500.1
DG _{PP}	Os045364_01	S2	1.657	340.634	108.052	LOC_Os09g01860.1
DG _{PP}	Os043530_01	S2	1.612	5869.931	1920.801	LOC_Os06g06340.1
DG _{PP}	Os043838_01	S2	1.314	327.560	131.735	LOC_Os05g14480.1
DG _{PP}	Os015144_01	S2	2.618	12387.772	2017.614	LOC_Os03g26650.2
DG _{PP}	Os017372_01	S2	2.402	1425.861	269.731	LOC_Os11g45720.1
DG _{PP}	Os048713_01	S2	1.366	3309.079	1284.036	LOC_Os11g27090.1
DG _{PP}	Os046160_01	S2	1.300	1399.296	568.312	LOC_Os07g32440.1
DG _{PP}	Os046890_01	S2	1.271	908.887	376.584	LOC_Os11g14740.1
DG _{PP}	Os022739_01	S2	1.521	271.779	94.702	LOC_Os08g07480.1
DG _{PP}	Os023830_01	S2	1.281	1067.107	438.974	LOC_Os02g40800.1
DG _{PP}	Os054056_01	S2	1.557	1315.786	447.210	LOC_Os07g03050.1
DG _{PP}	Os011320_01	S2	1.488	591.853	210.965	LOC_Os09g21810.1
DG _{PP}	Os011344_01	S2	2.155	1173.029	263.304	-
DG _{PP}	Os019816_01	S2	1.345	244.700	96.355	LOC_Os02g42640.1
DG _{PP}	Os020947_01	S2	1.517	2105.323	735.877	LOC_Os03g16500.2
DG _{PP}	Os023918_01	S2	1.593	652.126	216.143	LOC_Os05g12670.1
DG _{PP}	Os024982_01	S2	1.729	2184.603	658.935	LOC_Os08g05480.1
DG _{PP}	Os016152_01	S2	1.323	518.420	207.218	-
DG _{PP}	Os023616_01	S2	1.555	404.420	137.681	LOC_Os06g46740.1
DG _{PP}	Os024723_01	S2	1.557	1498.227	509.186	LOC_Os11g05490.1
DG _{PP}	Os016841_01	S2	1.739	946.330	283.504	LOC_Os07g33650.3
DG _{PP}	Os045108_01	S2	1.326	386.815	154.289	LOC_Os11g19950.1

DG _{PP}	Os048962_01	S2	1.384	1571.781	602.409	-
DG _{PP}	Os023209_01	S2	1.434	941.939	348.654	LOC_Os06g14670.1
DG _{PP}	Os017294_01	S2	1.318	4256.597	1707.854	-
DG _{PP}	Os019144_01	S2	1.276	663.832	274.048	LOC_Os07g10600.2
DG _{PP}	Os021083_01	S2	1.331	4780.741	1899.873	LOC_Os07g43290.1
DG _{PP}	Os052084_01	S2	1.898	1061.643	284.808	LOC_Os11g32650.1
DG _{PP}	Os023652_01	S2	1.654	422.626	134.311	LOC_Os04g52750.1
DG _{PP}	Os014307_01	S2	1.630	809.647	261.652	LOC_Os07g32630.1
DG _{PP}	Os049068_01	S2	1.291	602.806	246.424	-
DG _{PP}	Os019000_01	S2	1.405	301.864	113.976	LOC_Os08g02250.1
DG _{PP}	Os051859_01	S2	3.712	1877.310	143.295	-
DG _{PP}	Os047560_01	S2	1.781	881.225	256.364	LOC_Os07g12890.1
DG _{PP}	Os024460_01	S2	1.387	1168.725	446.903	LOC_Os09g39510.1
DG _{PP}	Os052838_01	S2	1.309	2921.182	1179.143	-
DG _{PP}	Os020946_01	S2	1.781	386.400	112.409	LOC_Os11g09180.2
DG _{PP}	Os013447_01	S2	1.390	321.951	122.831	LOC_Os02g34600.1
DG _{PP}	Os041794_01	S2	1.552	348.401	118.801	-
DG _{PP}	Os049649_01	S2	1.662	398.197	125.813	-
DG _{PP}	Os053751_01	S2	1.413	298.304	112.036	LOC_Os07g39810.1
DG _{PP}	Os044395_01	S2	2.093	3154.148	739.374	LOC_Os01g32630.1
DG _{PP}	Os014839_01	S2	1.290	283.707	116.009	LOC_Os03g54100.2
DG _{PP}	Os013556_01	S2	1.334	263.194	104.390	LOC_Os02g35560.1
DG _{PP}	Os044300_01	S2	1.615	10131.427	3307.853	LOC_Os05g11320.1
DG _{PP}	Os018264_01	S2	2.724	2501.313	378.456	LOC_Os08g41320.1
DG _{PP}	Os011561_01	S2	1.476	1317.873	473.769	LOC_Os09g10340.1
DG _{PP}	Os024393_01	S2	1.684	812.917	252.925	LOC_Os01g14960.1
DG _{PP}	Os015718_01	S2	1.472	399.363	143.953	LOC_Os11g05740.1
DG _{PP}	Os045207_01	S2	1.284	968.302	397.745	-
DG _{PP}	Os055155_01	S2	1.474	729.891	262.829	LOC_Os12g10220.1
DG _{PP}	Os017433_01	S2	6.004	18899.282	294.415	LOC_Os02g51570.1
DG _{PP}	Os023487_01	S2	1.261	304.374	127.008	LOC_Os03g25490.1

DG _{PP}	Os055646_01	S2	2.229	830.017	177.047	LOC_Os12g29670.1
DG _{PP}	Os012754_01	S2	1.272	240.610	99.651	LOC_Os03g45400.1
DG _{PP}	Os025974_01	S2	1.326	1127.359	449.556	LOC_Os03g53060.1
DG _{PP}	Os017704_01	S2	2.449	659.308	120.732	LOC_Os02g07200.3
DG _{PP}	Os020363_01	S2	2.021	568.489	140.027	LOC_Os02g21260.1
DG _{PP}	Os013619_01	S2	1.337	1854.617	734.230	-
DG _{PP}	Os020208_01	S2	1.429	244.063	90.619	LOC_Os05g11730.1
DG _{PP}	Os016771_01	S2	1.410	657.415	247.341	LOC_Os07g37530.2
DG _{PP}	Os013058_01	S2	1.600	379.223	125.085	LOC_Os04g05010.1
DG _{PP}	Os020291_01	S2	1.287	1715.420	702.917	LOC_Os09g24640.1
DG _{PP}	Os053343_01	S2	1.840	670.632	187.279	LOC_Os03g25500.1
DG _{PP}	Os048756_01	S2	2.815	762.188	108.290	LOC_Os06g23780.1
DG _{PP}	Os013285_01	S2	1.560	546.769	185.422	LOC_Os04g46740.1
DG _{PP}	Os002373_01	S2	-1.031	239.599	489.469	LOC_Os10g40390.1
DG _{PP}	Os030663_01	S2	-1.330	148.629	373.582	LOC_Os03g62420.1
DG _{PP}	Os030681_01	S2	-1.082	238.417	504.701	LOC_Os07g34390.1
DG _{PP}	Os030687_01	S2	-1.303	167.336	412.973	LOC_Os03g28190.1
DG _{PP}	Os031821_01	S2	-1.242	134.300	317.574	LOC_Os04g30750.1
DG _{PP}	Os000594_01	S2	-1.956	137.948	535.090	LOC_Os04g29550.1
DG _{PP}	Os002419_01	S2	-1.062	170.632	356.318	LOC_Os08g05530.1
DG _{PP}	Os030426_01	S2	-1.233	140.366	329.912	LOC_Os08g37850.1
DG _{PP}	Os036862_01	S2	-1.045	245.187	505.747	LOC_Os01g23760.1
DG _{PP}	Os026172_01	S2	-1.098	614.065	1314.373	LOC_Os03g19170.1
DG _{PP}	Os029980_01	S2	-2.097	114.013	487.713	LOC_Os02g42450.1
DG _{PP}	Os034944_01	S2	-1.621	176.916	544.229	-
DG _{PP}	Os030972_01	S2	-1.064	388.610	812.642	LOC_Os05g33870.1
DG _{PP}	Os035864_01	S2	-1.494	991.099	2791.736	LOC_Os11g35120.1
DG _{PP}	Os001131_01	S2	-1.037	215.041	441.125	LOC_Os07g43900.1
DG _{PP}	Os040122_01	S2	-1.107	171.178	368.739	LOC_Os10g25040.1
DG _{PP}	Os028680_01	S2	-3.193	179.856	1645.210	LOC_Os07g06100.1
DG _{PP}	Os008961_01	S2	-1.115	277.846	601.809	-

DG _{PP}	Os010825_01	S2	-1.270	112.283	270.836	LOC_Os03g46640.2
DG _{PP}	Os010073_01	S2	-2.505	284.179	1613.195	LOC_Os07g40986.1
DG _{PP}	Os030543_01	S2	-1.010	4136.239	8330.665	LOC_Os09g16240.1
DG _{PP}	Os004097_01	S2	-1.059	124.273	258.872	LOC_Os12g12934.1
DG _{PP}	Os009220_01	S2	-1.120	161.893	351.755	LOC_Os03g50210.1
DG _{PP}	Os010733_01	S2	-1.226	176.158	412.185	-
DG _{PP}	Os057129_02	S2	-1.566	121.558	359.931	-
DG _{PP}	Os030442_01	S2	-1.325	2015.025	5046.563	LOC_Os06g10290.1
DG _{PP}	Os041088_01	S2	-1.383	185.406	483.452	LOC_Os05g17110.1
DG _{PP}	Os030882_01	S2	-1.444	243.516	662.403	LOC_Os02g57810.1
DG _{PP}	Os002004_01	S2	-1.006	231.570	465.141	LOC_Os11g11810.1
DG _{PP}	Os008529_01	S2	-1.850	229.908	828.697	LOC_Os07g02210.2
DG _{PP}	Os008954_01	S2	-1.109	385.979	832.477	LOC_Os08g03390.1
DG _{PP}	Os056762_01	S2	-1.115	1178.898	2554.277	LOC_Os03g39830.1
DG _{PP}	Os057402_02	S2	-1.135	307.243	674.535	-
DG _{PP}	Os003180_01	S2	-1.476	108.422	301.521	LOC_Os02g46690.1
DG _{PP}	Os032650_01	S2	-2.193	137.566	628.953	-
DG _{PP}	Os035666_01	S2	-3.752	135.959	1831.742	LOC_Os05g34210.1
DG _{PP}	Os002341_01	S2	-1.294	374.491	918.091	LOC_Os11g09010.2
DG _{PP}	Os009547_01	S2	-1.177	180.377	407.847	LOC_Os01g13570.1
DG _{PP}	Os026365_01	S2	-1.092	317.133	676.115	LOC_Os02g56930.1
DG _{PP}	Os056638_01	S2	-1.153	176.446	392.460	-
DG _{PP}	Os004343_01	S2	-1.407	219.900	583.246	LOC_Os06g14030.1
DG _{PP}	Os005136_01	S2	-1.270	173.741	418.890	LOC_Os04g31120.6
DG _{PP}	Os009448_01	S2	-1.296	5892.618	14471.962	LOC_Os08g02630.1
DG _{PP}	Os009500_01	S2	-1.216	158.325	367.741	LOC_Os08g32850.2
DG _{PP}	Os009518_01	S2	-1.172	5031.132	11337.086	LOC_Os01g73250.1
DG _{PP}	Os002723_01	S2	-1.003	278.578	558.286	-
DG _{PP}	Os029140_01	S2	-1.223	783.868	1829.168	LOC_Os08g01520.1
DG _{PP}	Os003185_01	S2	-1.609	109.873	335.239	LOC_Os03g08640.1
DG _{PP}	Os007873_01	S2	-1.096	393.283	840.449	LOC_Os04g10940.1

DG _{PP}	Os009024_01	S2	-1.261	552.643	1324.264	LOC_Os07g08710.2
DG _{PP}	Os028831_01	S2	-1.015	1906.481	3853.749	LOC_Os11g07880.1
DG _{PP}	Os039430_01	S2	-2.338	338.052	1708.954	LOC_Os08g07080.1
DG _{PP}	Os000431_01	S2	-1.123	8539.232	18598.622	LOC_Os01g68300.1
DG _{PP}	Os032055_01	S2	-1.033	1187.343	2429.585	LOC_Os06g15750.1
DG _{PP}	Os010292_01	S2	-1.222	2170.424	5064.050	LOC_Os07g04960.1
DG _{PP}	Os057137_02	S2	-1.080	115.214	243.517	-
DG _{PP}	Os057161_02	S2	-1.010	593.242	1194.894	LOC_Os03g62170.1
DG _{PP}	Os039994_01	S2	-1.323	1026.218	2567.878	LOC_Os07g04790.1
DG _{PP}	Os008853_01	S2	-1.216	227.477	528.388	LOC_Os06g10620.1
DG _{PP}	Os038937_01	S2	-1.261	246.553	590.718	LOC_Os06g41680.1
DG _{PP}	Os057321_02	S2	-1.243	118.122	279.648	-
DG _{PP}	Os000149_01	S2	-1.078	393.932	831.599	LOC_Os03g51960.1
DG _{PP}	Os029899_01	S2	-1.167	150.939	338.927	LOC_Os09g39050.1
DG _{PP}	Os033669_01	S2	-1.001	184.759	369.824	LOC_Os01g10810.1
DG _{PP}	Os035261_01	S2	-1.608	738.266	2250.562	LOC_Os06g14324.1
DG _{PP}	Os035641_01	S2	-1.013	805.759	1625.699	LOC_Os12g07860.1
DG _{PP}	Os009657_01	S2	-1.892	512.905	1903.777	LOC_Os08g01140.1
DG _{PP}	Os009711_01	S2	-1.014	967.721	1954.353	LOC_Os02g57030.1
DG _{PP}	Os057211_02	S2	-1.414	432.234	1151.482	LOC_Os01g05970.1
DG _{PP}	Os030024_01	S2	-1.174	522.622	1178.888	LOC_Os05g49310.1
DG _{PP}	Os006506_01	S2	-1.314	143.393	356.571	LOC_Os02g06290.1
DG _{PP}	Os002304_01	S2	-1.269	546.554	1316.942	LOC_Os02g13060.1
DG _{PP}	Os038164_01	S2	-1.246	145.216	344.346	LOC_Os03g11670.1
DG _{PP}	Os027898_01	S2	-1.033	1791.111	3666.033	LOC_Os07g43260.1
DG _{PP}	Os000311_01	S2	-1.221	151.402	352.956	LOC_Os03g49170.1
DG _{PP}	Os035451_01	S2	-1.037	1357.406	2784.876	LOC_Os01g51650.1
DG _{PP}	Os056923_02	S2	-1.649	109.460	343.304	LOC_Os02g06584.2
DG _{PP}	Os057647_02	S2	-3.362	95.651	983.544	-
DG _{PP}	Os027934_01	S2	-1.539	131.838	383.099	LOC_Os06g06270.1
DG _{PP}	Os001058_01	S2	-1.003	362.058	725.519	LOC_Os07g10540.1

DG _{PP}	Os001606_01	S2	-1.027	1716.240	3497.698	LOC_Os06g44450.1
DG _{PP}	Os008556_01	S2	-1.003	3047.467	6109.320	LOC_Os02g44630.2
DG _{PP}	Os008934_01	S2	-1.347	246.582	627.401	LOC_Os02g15640.1
DG _{PP}	Os008957_01	S2	-1.689	171.366	552.371	LOC_Os09g29430.1
DG _{PP}	Os028782_01	S2	-1.116	312.915	678.065	LOC_Os11g12810.1
DG _{PP}	Os005767_01	S2	-1.066	18623.435	38981.765	LOC_Os02g47744.4
DG _{PP}	Os034084_01	S2	-1.035	122.691	251.359	LOC_Os02g20280.1
DG _{PP}	Os029975_01	S2	-1.082	115.603	244.722	-
DG _{PP}	Os002231_01	S2	-1.133	169.728	372.132	-
DG _{PP}	Os003390_01	S2	-1.455	412.598	1131.117	LOC_Os05g32390.1
DG _{PP}	Os009234_01	S2	-1.198	2640.032	6056.968	LOC_Os08g06530.1
DG _{PP}	Os009562_01	S2	-1.225	1384.575	3236.178	LOC_Os03g22270.1
DG _{PP}	Os009586_01	S2	-1.055	880.897	1830.568	LOC_Os03g14040.3
DG _{PP}	Os009592_01	S2	-1.445	505.379	1375.536	LOC_Os05g40180.1
DG _{PP}	Os026390_01	S2	-1.129	309.343	676.560	LOC_Os05g25040.2
DG _{PP}	Os028705_01	S2	-1.084	237.199	502.982	LOC_Os05g09400.1
DG _{PP}	Os056551_01	S2	-1.203	156.058	359.182	LOC_Os08g37810.1
DG _{PP}	Os035088_01	S2	-1.411	934.635	2484.580	LOC_Os05g04990.1
DG _{PP}	Os014879_01	S2	-3.070	171.769	1442.312	LOC_Os10g40550.2
DG _{PP}	Os015656_01	S2	-1.586	304.908	915.257	LOC_Os07g41280.3
DG _{PP}	Os016806_01	S2	-1.380	101.489	264.054	LOC_Os02g39840.1
DG _{PP}	Os020954_01	S2	-2.208	78.567	363.006	LOC_Os08g07840.3
DG _{PP}	Os051935_01	S2	-1.526	738.975	2127.481	LOC_Os01g15270.1
DG _{PP}	Os013745_01	S2	-1.009	220.531	443.754	LOC_Os04g47020.3
DG _{PP}	Os015750_01	S2	-2.927	88.004	669.256	LOC_Os10g42870.1
DG _{PP}	Os053144_01	S2	-2.196	356.065	1631.006	LOC_Os01g65169.1
DG _{PP}	Os015668_01	S2	-2.859	114.469	830.423	LOC_Os01g72890.2
DG _{PP}	Os024276_01	S2	-1.146	1572.331	3478.361	-
DG _{PP}	Os051824_01	S2	-1.078	91.832	193.862	LOC_Os06g34300.1
DG _{PP}	Os044218_01	S2	-1.562	271.490	801.338	LOC_Os01g24050.1
DG _{PP}	Os013356_01	S2	-2.269	240.144	1157.535	LOC_Os07g40974.1

DG _{PP}	Os045347_01	S2	-2.042	417.781	1720.585	LOC_Os06g18120.1
DG _{PP}	Os044515_01	S2	-1.229	233.360	546.946	LOC_Os06g19130.1
DG _{PP}	Os047738_01	S2	-1.010	95.166	191.598	LOC_Os09g12390.1
DG _{PP}	Os012415_01	S2	-1.171	507.730	1142.878	LOC_Os03g57310.1
DG _{PP}	Os013541_01	S2	-2.395	134.176	705.633	LOC_Os10g22510.1
DG _{PP}	Os014164_01	S2	-1.655	148.740	468.524	LOC_Os04g57700.2
DG _{PP}	Os045565_01	S2	-4.373	302.214	6260.743	LOC_Os10g09630.1
DG _{PP}	Os047459_01	S2	-1.108	630.632	1359.663	LOC_Os01g12940.1
DG _{PP}	Os020633_01	S2	-1.090	181.764	386.918	LOC_Os09g30120.1
DG _{PP}	Os053647_01	S2	-1.208	78.911	182.276	LOC_Os08g19170.1
DG _{PP}	Os055497_01	S2	-1.017	76.389	154.561	LOC_Os06g49030.1
DG _{PP}	Os012925_01	S2	-1.509	96.842	275.574	LOC_Os01g58640.1
DG _{PP}	Os014057_01	S2	-1.064	108.137	226.055	LOC_Os10g12354.1
DG _{PP}	Os044283_01	S2	-1.315	501.701	1248.025	-
DG _{PP}	Os042994_01	S2	-1.167	172.537	387.413	LOC_Os05g31090.1
DG _{PP}	Os017959_01	S2	-1.100	88.505	189.776	LOC_Os11g34320.1
DG _{PP}	Os025045_01	S2	-1.143	105.736	233.548	LOC_Os05g13790.1
DG _{PP}	Os041349_01	S2	-1.700	87.753	285.079	LOC_Os08g09990.1
DG _{PP}	Os021187_01	S2	-1.532	976.065	2822.543	LOC_Os03g49260.1
DG _{PP}	Os015095_01	S2	-1.304	182.352	450.245	LOC_Os01g73450.1
DG _{PP}	Os021890_01	S2	-1.036	96.566	198.080	LOC_Os08g10080.1
DG _{PP}	Os052203_01	S2	-1.314	114.163	283.817	LOC_Os03g07480.2
DG _{PP}	Os011457_01	S2	-1.056	294.959	613.299	LOC_Os05g47880.1
DG _{PP}	Os043831_01	S2	-1.210	133.125	308.035	-
DG _{PP}	Os046222_01	S2	-1.084	101.943	216.137	LOC_Os11g19340.1
DG _{PP}	Os023207_01	S2	-1.269	87.796	211.586	LOC_Os07g37830.1
DG _{PP}	Os024274_01	S2	-2.743	309.280	2070.646	LOC_Os08g07100.1
DG _{PP}	Os016132_01	S2	-2.090	176.172	750.238	LOC_Os04g14190.1
DG _{PP}	Os016309_01	S2	-1.194	710.810	1626.077	LOC_Os10g28360.1
DG _{PP}	Os042013_01	S2	-1.962	5017.977	19546.938	LOC_Os08g19330.1
DG _{PP}	Os052123_01	S2	-1.337	577.587	1459.073	LOC_Os06g04920.1

DG _{PP}	Os052911_01	S2	-3.300	524.754	5168.331	LOC_Os08g04500.1
DG _{PP}	Os018335_01	S2	-1.203	75.019	172.651	-
DG _{PP}	Os041269_01	S2	-1.258	130.795	312.917	LOC_Os10g01500.1
DG _{PP}	Os043716_01	S2	-1.073	256.806	540.181	LOC_Os06g36530.1
DG _{PP}	Os021870_01	S2	-1.811	279.100	979.585	LOC_Os07g41060.1
DG _{PP}	Os016030_01	S2	-1.056	3383.338	7033.014	LOC_Os01g32780.1
DG _{PP}	Os047396_01	S2	-1.228	176.987	414.653	LOC_Os05g02350.1
DG _{PP}	Os042462_01	S2	-1.179	12558.658	28439.316	LOC_Os05g33320.1
DG _{PP}	Os042818_01	S2	-1.082	2544.477	5386.987	LOC_Os06g15480.2
DG _{PP}	Os043715_01	S2	-1.173	122.112	275.245	LOC_Os10g39070.1
DG _{PP}	Os049284_01	S2	-1.155	149.833	333.681	LOC_Os01g05310.1
DG _{PP}	Os024737_01	S2	-1.218	121.771	283.350	LOC_Os01g01660.1
DG _{PP}	Os044617_01	S2	-2.058	866.934	3609.704	-
DG _{PP}	Os018221_01	S2	-1.457	930.686	2554.555	-
DG _{PP}	Os001582_01	S3	1.877	435.215	118.453	-
DG _{PP}	Os031851_01	S3	2.779	793.072	115.534	LOC_Os01g47370.1
DG _{PP}	Os009286_01	S3	1.848	785.284	218.206	LOC_Os02g34860.1
DG _{PP}	Os039403_01	S3	1.963	1570.169	402.806	LOC_Os04g39380.1
DG _{PP}	Os028021_01	S3	2.439	1626.494	299.946	LOC_Os01g04670.1
DG _{PP}	Os029161_01	S3	1.870	2230.115	610.278	LOC_Os09g37460.1
DG _{PP}	Os056758_01	S3	2.408	799.965	150.727	-
DG _{PP}	Os010423_01	S3	1.848	445.669	123.768	-
DG _{PP}	Os034944_01	S3	2.229	621.318	132.554	-
DG _{PP}	Os010136_01	S3	2.700	1484.563	228.472	LOC_Os11g06730.1
DG _{PP}	Os041048_01	S3	1.853	535.839	148.334	-
DG _{PP}	Os000011_01	S3	1.983	569.656	144.135	-
DG _{PP}	Os000380_01	S3	3.102	2334.250	271.797	LOC_Os05g47540.1
DG _{PP}	Os001930_01	S3	2.042	2243.701	544.889	LOC_Os06g49640.1
DG _{PP}	Os039593_01	S3	2.853	1350.998	186.954	-
DG _{PP}	Os001855_01	S3	2.554	606.961	103.366	LOC_Os09g35020.1
DG _{PP}	Os038465_01	S3	1.949	393.716	102.001	LOC_Os08g31000.1

DG _{PP}	Os040554_01	S3	2.603	761.350	125.288	LOC_Os04g54120.1
DG _{PP}	Os056703_01	S3	2.252	744.513	156.299	LOC_Os01g09150.1
DG _{PP}	Os057254_02	S3	1.932	41180.030	10793.176	-
DG _{PP}	Os031701_01	S3	2.151	935.865	210.715	LOC_Os01g24690.1
DG _{PP}	Os027497_01	S3	3.191	747.551	81.874	LOC_Os11g40860.1
DG _{PP}	Os056639_01	S3	2.137	609.238	138.479	LOC_Os01g32964.1
DG _{PP}	Os033589_01	S3	2.301	684.841	138.941	LOC_Os08g25240.1
DG _{PP}	Os009107_01	S3	2.403	898.289	169.847	LOC_Os02g50130.1
DG _{PP}	Os039978_01	S3	2.055	406.687	97.846	-
DG _{PP}	Os004519_01	S3	2.355	793.558	155.091	LOC_Os10g42510.1
DG _{PP}	Os035951_01	S3	3.106	1712.067	198.873	LOC_Os06g47960.1
DG _{PP}	Os008559_01	S3	2.174	860.040	190.569	LOC_Os05g51640.1
DG _{PP}	Os010037_01	S3	2.266	502.796	104.503	-
DG _{PP}	Os026158_01	S3	1.873	762.837	208.188	LOC_Os10g21130.1
DG _{PP}	Os029159_01	S3	1.974	426.230	108.498	-
DG _{PP}	Os056388_01	S3	3.687	1366.750	106.084	LOC_Os01g09710.1
DG _{PP}	Os002417_01	S3	1.854	524.783	145.182	LOC_Os06g10780.1
DG _{PP}	Os029966_01	S3	2.497	582.334	103.180	-
DG _{PP}	Os010869_01	S3	1.967	561.526	143.645	LOC_Os07g43020.1
DG _{PP}	Os030649_01	S3	2.311	479.963	96.743	-
DG _{PP}	Os030721_01	S3	2.067	525.699	125.445	LOC_Os04g43120.1
DG _{PP}	Os036777_01	S3	3.027	887.543	108.870	LOC_Os02g48920.1
DG _{PP}	Os002678_01	S3	2.560	5788.930	981.952	LOC_Os05g03920.1
DG _{PP}	Os030964_01	S3	1.865	440.687	120.963	LOC_Os11g18870.1
DG _{PP}	Os031754_01	S3	1.851	447.320	123.978	LOC_Os08g31070.1
DG _{PP}	Os032086_01	S3	2.315	661.879	133.001	LOC_Os06g10960.1
DG _{PP}	Os004073_01	S3	2.740	680.830	101.911	LOC_Os07g35240.1
DG _{PP}	Os006267_01	S3	3.215	977.124	105.231	LOC_Os05g46190.1
DG _{PP}	Os036266_01	S3	2.756	646.914	95.779	LOC_Os05g47850.1
DG _{PP}	Os036646_01	S3	1.946	348.806	90.549	-
DG _{PP}	Os035785_01	S3	1.876	499.492	136.103	LOC_Os09g30050.1

DG _{PP}	Os040755_01	S3	2.969	798.139	101.964	-
DG _{PP}	Os034016_01	S3	2.545	574.728	98.508	LOC_Os04g37940.1
DG _{PP}	Os056918_02	S3	2.498	3081.512	545.623	LOC_Os01g13690.1
DG _{PP}	Os037607_01	S3	1.998	541.553	135.621	LOC_Os01g02680.1
DG _{PP}	Os028837_01	S3	1.909	884.747	235.509	LOC_Os12g04970.1
DG _{PP}	Os034680_01	S3	2.140	378.277	85.848	LOC_Os05g04914.1
DG _{PP}	Os008783_01	S3	2.064	579.672	138.636	LOC_Os01g16890.1
DG _{PP}	Os010210_01	S3	1.874	775.385	211.521	LOC_Os07g42730.1
DG _{PP}	Os010115_01	S3	2.264	3652.464	760.652	LOC_Os09g36040.1
DG _{PP}	Os010948_01	S3	3.171	2078.101	230.667	LOC_Os03g03724.2
DG _{PP}	Os028605_01	S3	2.925	3132.828	412.530	LOC_Os02g06380.1
DG _{PP}	Os009386_01	S3	1.993	776.271	194.985	LOC_Os12g05920.1
DG _{PP}	Os056418_01	S3	1.887	803.444	217.187	LOC_Os09g11520.1
DG _{PP}	Os015656_01	S3	1.892	504.613	135.923	LOC_Os07g41280.3
DG _{PP}	Os014891_01	S3	1.990	766.957	193.110	LOC_Os03g01190.1
DG _{PP}	Os015668_01	S3	1.913	761.651	202.222	LOC_Os01g72890.2
DG _{PP}	Os016023_01	S3	1.994	522.697	131.215	LOC_Os11g38980.4
DG _{PP}	Os016770_01	S3	2.036	1071.040	261.170	LOC_Os07g30760.2
DG _{PP}	Os015361_01	S3	2.719	769.768	116.876	LOC_Os04g57550.1
DG _{PP}	Os015391_01	S3	2.119	679.528	156.437	LOC_Os09g07900.1
DG _{PP}	Os015744_01	S3	3.287	2994.249	306.745	LOC_Os04g54790.1
DG _{PP}	Os016512_01	S3	2.200	503.051	109.471	LOC_Os03g29760.2
DG _{PP}	Os016542_01	S3	2.452	1003.327	183.370	LOC_Os05g14270.1
DG _{PP}	Os017289_01	S3	1.969	465.107	118.819	LOC_Os12g31850.1
DG _{PP}	Os017295_01	S3	2.152	1160.487	261.118	LOC_Os03g17010.1
DG _{PP}	Os017639_01	S3	2.010	1282.459	318.327	LOC_Os02g28980.1
DG _{PP}	Os017662_01	S3	2.334	913.520	181.127	LOC_Os12g24080.1
DG _{PP}	Os018037_01	S3	2.577	1247.442	209.083	LOC_Os02g43790.1
DG _{PP}	Os021036_01	S3	1.913	574.503	152.522	LOC_Os01g23620.1
DG _{PP}	Os052021_01	S3	2.600	1501.036	247.656	LOC_Os12g05430.1
DG _{PP}	Os052085_01	S3	2.728	21800.886	3290.245	LOC_Os07g25430.3

DG _{PP}	Os052091_01	S3	2.914	798.108	105.924	LOC_Os07g08660.1
DG _{PP}	Os023232_01	S3	2.854	510.483	70.605	LOC_Os12g43750.1
DG _{PP}	Os023977_01	S3	1.962	403.151	103.477	LOC_Os06g43790.1
DG _{PP}	Os024766_01	S3	2.053	1010.402	243.422	LOC_Os03g64360.1
DG _{PP}	Os054607_01	S3	2.612	852.614	139.493	LOC_Os05g06780.1
DG _{PP}	Os054660_01	S3	2.198	23099.878	5035.711	LOC_Os04g41560.2
DG _{PP}	Os054977_01	S3	2.061	891.456	213.638	LOC_Os01g59970.1
DG _{PP}	Os054983_01	S3	2.343	539.885	106.414	LOC_Os05g33310.1
DG _{PP}	Os055024_01	S3	1.874	2259.013	616.490	LOC_Os04g53310.1
DG _{PP}	Os055030_01	S3	2.159	371.152	83.132	LOC_Os04g23180.1
DG _{PP}	Os044800_01	S3	2.446	616.772	113.221	LOC_Os08g31228.1
DG _{PP}	Os011646_01	S3	1.893	321.732	86.633	-
DG _{PP}	Os012023_01	S3	2.104	790.616	183.911	LOC_Os02g14770.3
DG _{PP}	Os012782_01	S3	2.196	615.159	134.239	LOC_Os05g49200.2
DG _{PP}	Os013109_01	S3	2.173	796.481	176.657	LOC_Os02g20310.3
DG _{PP}	Os013174_01	S3	2.099	530.343	123.822	LOC_Os09g10930.3
DG _{PP}	Os015561_01	S3	1.902	508.865	136.163	LOC_Os11g45730.2
DG _{PP}	Os024196_01	S3	2.325	292.164	58.291	LOC_Os08g03470.1
DG _{PP}	Os041986_01	S3	2.202	337.234	73.313	LOC_Os10g23160.1
DG _{PP}	Os044676_01	S3	2.087	385.055	90.602	LOC_Os06g32510.1
DG _{PP}	Os015845_01	S3	1.915	1359.846	360.615	LOC_Os05g03550.1
DG _{PP}	Os015579_01	S3	2.546	684.500	117.201	LOC_Os10g21000.1
DG _{PP}	Os015994_01	S3	2.197	549.025	119.710	-
DG _{PP}	Os045804_01	S3	1.883	311.994	84.616	LOC_Os06g01150.1
DG _{PP}	Os020848_01	S3	2.012	351.811	87.248	LOC_Os08g32600.1
DG _{PP}	Os021997_01	S3	2.083	331.422	78.247	LOC_Os03g52640.2
DG _{PP}	Os024184_01	S3	2.097	384.392	89.859	LOC_Os07g17970.1
DG _{PP}	Os043928_01	S3	2.687	322.328	50.062	LOC_Os09g04760.1
DG _{PP}	Os015150_01	S3	2.785	4264.757	618.723	LOC_Os06g41010.4
DG _{PP}	Os015839_01	S3	1.901	1320.408	353.454	LOC_Os02g35180.1
DG _{PP}	Os016284_01	S3	2.124	2114.060	485.115	LOC_Os05g34650.1

DG _{PP}	Os016612_01	S3	1.994	761.655	191.193	LOC_Os07g09150.1
DG _{PP}	Os016966_01	S3	2.508	3042.902	534.872	LOC_Os04g32850.2
DG _{PP}	Os017780_01	S3	1.882	666.005	180.639	LOC_Os05g51180.1
DG _{PP}	Os021478_01	S3	2.025	1168.409	287.090	LOC_Os03g63950.1
DG _{PP}	Os043803_01	S3	2.181	535.878	118.157	LOC_Os04g20280.1
DG _{PP}	Os014758_01	S3	2.106	879.076	204.167	LOC_Os01g13120.1
DG _{PP}	Os050844_01	S3	2.163	429.550	95.932	LOC_Os04g46960.1
DG _{PP}	Os050850_01	S3	2.370	539.580	104.409	LOC_Os05g21240.1
DG _{PP}	Os019103_01	S3	2.309	256.199	51.692	LOC_Os02g45700.1
DG _{PP}	Os020259_01	S3	2.352	344.806	67.554	LOC_Os04g54370.1
DG _{PP}	Os020669_01	S3	2.466	928.754	168.056	LOC_Os03g16369.2
DG _{PP}	Os020994_01	S3	4.182	1930.987	106.392	LOC_Os01g49680.1
DG _{PP}	Os022149_01	S3	1.958	531.025	136.705	LOC_Os04g34100.1
DG _{PP}	Os022173_01	S3	2.046	223.496	54.116	-
DG _{PP}	Os050517_01	S3	2.073	887.872	211.031	LOC_Os12g26490.1
DG _{PP}	Os051657_01	S3	2.872	432.600	59.091	-
DG _{PP}	Os023988_01	S3	2.237	286.954	60.889	LOC_Os07g47284.1
DG _{PP}	Os024723_01	S3	1.931	843.648	221.173	LOC_Os11g05490.1
DG _{PP}	Os052762_01	S3	1.894	269.411	72.476	LOC_Os01g10580.1
DG _{PP}	Os055342_01	S3	1.942	451.069	117.392	LOC_Os05g01940.1
DG _{PP}	Os012391_01	S3	1.974	410.875	104.603	LOC_Os09g39420.1
DG _{PP}	Os015343_01	S3	2.449	453.201	82.971	LOC_Os06g44230.1
DG _{PP}	Os045518_01	S3	2.018	702.479	173.465	LOC_Os12g43390.1
DG _{PP}	Os045536_01	S3	2.012	266.718	66.116	LOC_Os03g58000.1
DG _{PP}	Os019399_01	S3	2.254	315.854	66.205	-
DG _{PP}	Os019405_01	S3	2.011	343.775	85.291	LOC_Os01g34560.1
DG _{PP}	Os020562_01	S3	1.983	426.034	107.802	LOC_Os05g45310.1
DG _{PP}	Os021319_01	S3	1.864	1221.772	335.701	LOC_Os05g41010.1
DG _{PP}	Os021719_01	S3	3.066	731.745	87.349	LOC_Os04g36620.2
DG _{PP}	Os021743_01	S3	3.531	1033.862	89.444	LOC_Os04g39980.1
DG _{PP}	Os022037_01	S3	3.335	733.846	72.714	LOC_Os01g06050.1

DG _{PP}	Os022782_01	S3	1.867	332.180	91.092	LOC_Os06g47910.1
DG _{PP}	Os016558_01	S3	1.943	420.125	109.229	LOC_Os03g57500.1
DG _{PP}	Os017241_01	S3	1.869	346.097	94.770	LOC_Os01g11130.1
DG _{PP}	Os017667_01	S3	2.184	890.538	196.034	LOC_Os06g15360.1
DG _{PP}	Os047839_01	S3	2.033	208.661	50.990	LOC_Os12g26390.1
DG _{PP}	Os018767_01	S3	2.295	980.788	199.806	LOC_Os04g32050.1
DG _{PP}	Os018818_01	S3	2.365	2661.653	516.769	-
DG _{PP}	Os019192_01	S3	2.123	322.780	74.116	LOC_Os05g07650.1
DG _{PP}	Os019922_01	S3	2.184	299.594	65.939	LOC_Os04g01250.2
DG _{PP}	Os020247_01	S3	1.914	280.277	74.395	LOC_Os03g18410.1
DG _{PP}	Os020253_01	S3	2.048	355.175	85.868	LOC_Os08g43400.1
DG _{PP}	Os021077_01	S3	2.318	448.475	89.969	LOC_Os07g12830.2
DG _{PP}	Os021389_01	S3	2.217	561.153	120.696	LOC_Os03g60820.1
DG _{PP}	Os021454_01	S3	2.387	1805.721	345.223	LOC_Os03g37970.1
DG _{PP}	Os052067_01	S3	2.733	1318.172	198.256	-
DG _{PP}	Os052384_01	S3	2.245	274.348	57.875	LOC_Os06g50930.1
DG _{PP}	Os052461_01	S3	2.006	4357.999	1085.347	LOC_Os04g33110.1
DG _{PP}	Os023598_01	S3	1.882	273.286	74.152	LOC_Os09g12630.1
DG _{PP}	Os054606_01	S3	2.124	293.198	67.240	LOC_Os10g42299.3
DG _{PP}	Os011980_01	S3	3.066	711.748	84.985	LOC_Os01g42710.1
DG _{PP}	Os014307_01	S3	1.903	665.989	178.041	LOC_Os07g32630.1
DG _{PP}	Os014662_01	S3	1.893	382.515	102.985	LOC_Os03g17580.1
DG _{PP}	Os012955_01	S3	2.076	931.478	220.954	LOC_Os12g14440.1
DG _{PP}	Os048302_01	S3	2.254	330.505	69.293	LOC_Os07g47680.1
DG _{PP}	Os024080_01	S3	2.278	225.269	46.456	LOC_Os03g15380.1
DG _{PP}	Os017076_01	S3	1.889	375.464	101.370	-
DG _{PP}	Os048053_01	S3	1.896	363.387	97.638	-
DG _{PP}	Os019310_01	S3	1.958	380.775	98.025	LOC_Os02g32230.1
DG _{PP}	Os021272_01	S3	1.997	339.766	85.091	LOC_Os05g46210.1
DG _{PP}	Os048837_01	S3	2.669	805.100	126.600	LOC_Os10g06810.1
DG _{PP}	Os022685_01	S3	2.968	540.313	69.077	LOC_Os08g35900.2

DG _{PP}	Os011839_01	S3	3.166	1530.957	170.547	LOC_Os01g02060.2
DG _{PP}	Os015907_01	S3	1.939	246.473	64.272	LOC_Os01g40570.1
DG _{PP}	Os016235_01	S3	1.856	578.407	159.759	LOC_Os02g58150.2
DG _{PP}	Os047626_01	S3	1.993	348.506	87.567	LOC_Os05g41790.1
DG _{PP}	Os018882_01	S3	2.164	1832.048	408.828	LOC_Os03g27790.1
DG _{PP}	Os018906_01	S3	2.041	472.619	114.865	LOC_Os07g31450.1
DG _{PP}	Os020390_01	S3	2.366	1225.048	237.675	LOC_Os03g58070.1
DG _{PP}	Os021124_01	S3	2.136	399.925	90.993	LOC_Os02g57590.1
DG _{PP}	Os021549_01	S3	2.080	1206.585	285.456	LOC_Os02g58560.1
DG _{PP}	Os022278_01	S3	2.275	273.798	56.572	LOC_Os07g13470.1
DG _{PP}	Os052153_01	S3	1.999	694.705	173.803	LOC_Os03g14530.1
DG _{PP}	Os053245_01	S3	2.277	339.706	70.073	LOC_Os10g04770.1
DG _{PP}	Os053274_01	S3	2.285	306.125	62.830	LOC_Os04g36850.1
DG _{PP}	Os011722_01	S3	2.043	611.944	148.508	LOC_Os03g03390.1
DG _{PP}	Os013945_01	S3	1.950	1555.689	402.751	LOC_Os03g38950.1
DG _{PP}	Os047500_01	S3	4.047	5103.033	308.657	LOC_Os06g43740.1
DG _{PP}	Os048640_01	S3	1.873	363.606	99.272	LOC_Os01g54640.1
DG _{PP}	Os011662_01	S3	2.348	3530.075	693.537	LOC_Os07g34570.2
DG _{PP}	Os020199_01	S3	2.765	363.152	53.432	LOC_Os01g58690.1
DG _{PP}	Os022108_01	S3	2.078	258.630	61.248	-
DG _{PP}	Os016869_01	S3	2.048	4642.844	1122.591	LOC_Os01g08700.6
DG _{PP}	Os046770_01	S3	2.787	408.965	59.272	-
DG _{PP}	Os048242_01	S3	2.571	337.150	56.736	LOC_Os06g18950.1
DG _{PP}	Os019113_01	S3	1.876	1470.931	400.718	LOC_Os12g17910.1
DG _{PP}	Os021453_01	S3	2.020	1541.329	380.012	LOC_Os02g12760.1
DG _{PP}	Os052430_01	S3	2.041	789.496	191.874	LOC_Os07g29620.1
DG _{PP}	Os053478_01	S3	2.102	336.328	78.319	LOC_Os02g36950.2
DG _{PP}	Os012402_01	S3	1.881	238.001	64.594	LOC_Os01g43910.1
DG _{PP}	Os024793_01	S3	1.852	407.593	112.879	LOC_Os01g63190.1
DG _{PP}	Os044300_01	S3	3.063	21361.559	2556.570	LOC_Os05g11320.1
DG _{PP}	Os044585_01	S3	1.949	374.926	97.123	LOC_Os05g14360.1

DG _{PP}	Os011561_01	S3	3.556	1187.919	100.971	LOC_Os09g10340.1
DG _{PP}	Os054592_01	S3	2.068	596.577	142.320	LOC_Os05g06310.1
DG _{PP}	Os054598_01	S3	2.489	440.058	78.411	LOC_Os01g07310.1
DG _{PP}	Os055334_01	S3	2.086	514.067	121.092	LOC_Os10g37240.1
DG _{PP}	Os016868_01	S3	2.258	646.897	135.272	LOC_Os01g51980.1
DG _{PP}	Os011626_01	S3	2.737	1307.327	196.068	LOC_Os02g15900.1
DG _{PP}	Os011643_01	S3	1.872	803.511	219.585	LOC_Os06g14420.1
DG _{PP}	Os017421_01	S3	2.378	1785.341	343.445	LOC_Os02g44590.1
DG _{PP}	Os048781_01	S3	3.168	2210.579	246.009	-
DG _{PP}	Os055155_01	S3	3.269	1129.420	117.186	LOC_Os12g10220.1
DG _{PP}	Os016233_01	S3	2.179	360.024	79.489	LOC_Os05g33150.1
DG _{PP}	Os046038_01	S3	2.622	446.443	72.541	LOC_Os10g26480.1
DG _{PP}	Os048716_01	S3	2.103	277.075	64.505	LOC_Os09g16590.1
DG _{PP}	Os054673_01	S3	2.256	2837.491	594.112	LOC_Os03g55540.1
DG _{PP}	Os051583_01	S3	1.882	491.374	133.331	-
DG _{PP}	Os055646_01	S3	2.444	1693.501	311.304	LOC_Os12g29670.1
DG _{PP}	Os011977_01	S3	1.914	633.707	168.216	LOC_Os01g71720.1
DG _{PP}	Os047260_01	S3	1.917	6876.416	1820.659	LOC_Os06g34840.1
DG _{PP}	Os055171_01	S3	2.781	1724.488	250.933	LOC_Os06g04230.1
DG _{PP}	Os012976_01	S3	1.905	1845.021	492.501	LOC_Os03g45230.1
DG _{PP}	Os025974_01	S3	2.312	585.697	117.936	LOC_Os03g53060.1
DG _{PP}	Os015593_01	S3	2.744	1205.289	179.917	LOC_Os08g26870.3
DG _{PP}	Os016274_01	S3	2.055	305.970	73.611	LOC_Os03g10920.1
DG _{PP}	Os018086_01	S3	2.239	1178.070	249.483	-
DG _{PP}	Os025968_01	S3	1.848	1108.795	307.978	LOC_Os08g16780.1
DG _{PP}	Os012864_01	S3	1.927	1295.648	340.826	LOC_Os04g35090.1
DG _{PP}	Os013589_01	S3	2.185	811.601	178.538	LOC_Os08g09270.1
DG _{PP}	Os054638_01	S3	2.212	743.176	160.375	-
DG _{PP}	Os011577_01	S3	1.874	2631.376	717.926	LOC_Os04g36040.1
DG _{PP}	Os013058_01	S3	3.395	1286.175	122.234	LOC_Os04g05010.1
DG _{PP}	Os021403_01	S3	2.002	954.625	238.390	LOC_Os07g04180.2

DG _{PP}	Os022863_01	S3	2.023	219.219	53.936	LOC_Os01g57350.1
DG _{PP}	Os054602_01	S3	2.089	475.799	111.834	LOC_Os08g35190.2
DG _{PP}	Os054432_01	S3	1.936	9512.894	2485.754	LOC_Os04g58200.1
DG _{PP}	Os048756_01	S3	2.562	618.952	104.835	LOC_Os06g23780.1
DG _{PP}	Os021485_01	S3	2.167	414.913	92.370	LOC_Os06g50818.1
DG _{PP}	Os043002_01	S3	2.674	380.667	59.658	LOC_Os08g36206.1
DG _{PP}	Os044196_01	S3	1.892	1003.780	270.400	LOC_Os05g32650.1
DG _{PP}	Os013976_01	S3	1.906	10004.501	2669.855	LOC_Os10g35370.2
DG _{PP}	Os020392_01	S3	1.923	1906.539	502.735	LOC_Os03g15050.2
DG _{PP}	Os021893_01	S3	2.305	1514.079	306.291	LOC_Os09g35030.1
DG _{PP}	Os055785_01	S3	1.997	1057.381	264.960	LOC_Os01g56220.1
DG _{PP}	Os001653_01	S3	-1.696	128.161	415.138	LOC_Os04g52040.4
DG _{PP}	Os008602_01	S3	-1.687	495.134	1594.391	LOC_Os05g06920.1
DG _{PP}	Os010814_01	S3	-1.699	105.165	341.423	-
DG _{PP}	Os030028_01	S3	-1.835	138.116	492.589	LOC_Os01g02710.1
DG _{PP}	Os001242_01	S3	-1.731	131.267	435.682	LOC_Os01g08630.1
DG _{PP}	Os001981_01	S3	-2.659	101.512	641.288	LOC_Os02g45920.1
DG _{PP}	Os030638_01	S3	-2.101	128.653	551.866	LOC_Os12g08930.1
DG _{PP}	Os030710_01	S3	-1.698	119.149	386.550	LOC_Os08g30590.1
DG _{PP}	Os033292_01	S3	-1.736	118.731	395.468	LOC_Os01g24240.1
DG _{PP}	Os002092_01	S3	-1.708	491.262	1605.279	LOC_Os02g04510.1
DG _{PP}	Os010073_01	S3	-1.720	383.718	1264.490	LOC_Os07g40986.1
DG _{PP}	Os030947_01	S3	-1.767	88.746	302.113	LOC_Os09g26480.1
DG _{PP}	Os035460_01	S3	-1.927	96.006	365.177	-
DG _{PP}	Os008773_01	S3	-1.755	408.312	1378.084	LOC_Os02g07160.1
DG _{PP}	Os010727_01	S3	-1.760	872.589	2956.380	LOC_Os02g47620.2
DG _{PP}	Os010652_01	S3	-1.851	246.415	889.216	-
DG _{PP}	Os001211_01	S3	-2.362	119.249	612.966	LOC_Os04g42290.1
DG _{PP}	Os001287_01	S3	-1.994	123.846	493.169	LOC_Os06g46240.1
DG _{PP}	Os001580_01	S3	-1.951	143.931	556.419	LOC_Os03g43800.2
DG _{PP}	Os008529_01	S3	-1.677	267.444	854.903	LOC_Os07g02210.2

DG _{PP}	Os032953_01	S3	-1.755	149.319	503.842	LOC_Os01g35310.1
DG _{PP}	Os007671_01	S3	-2.029	191.985	783.429	LOC_Os07g28040.1
DG _{PP}	Os009124_01	S3	-1.669	12769.665	40618.441	LOC_Os12g02310.1
DG _{PP}	Os009847_01	S3	-1.800	393.898	1371.472	LOC_Os09g02710.1
DG _{PP}	Os001529_01	S3	-2.119	1262.598	5482.930	LOC_Os01g60830.1
DG _{PP}	Os000540_01	S3	-1.631	135.351	419.356	LOC_Os09g32470.1
DG _{PP}	Os003800_01	S3	-2.030	95.446	389.888	LOC_Os02g08490.1
DG _{PP}	Os003843_01	S3	-1.770	92.900	316.770	LOC_Os09g14520.1
DG _{PP}	Os009664_01	S3	-1.986	123.543	489.270	LOC_Os03g04470.1
DG _{PP}	Os000586_01	S3	-1.813	123.952	435.509	LOC_Os09g11510.1
DG _{PP}	Os009787_01	S3	-2.057	316.726	1318.209	LOC_Os07g23120.1
DG _{PP}	Os000026_01	S3	-1.936	98.330	376.203	LOC_Os09g24590.1
DG _{PP}	Os001539_01	S3	-1.968	125.967	492.868	LOC_Os03g17410.1
DG _{PP}	Os032441_01	S3	-1.971	91.774	359.914	LOC_Os03g29470.1
DG _{PP}	Os033249_01	S3	-1.874	120.078	440.032	-
DG _{PP}	Os002516_02	S3	-1.730	123.447	409.477	-
DG _{PP}	Os030108_01	S3	-1.746	509.388	1708.554	LOC_Os06g37400.1
DG _{PP}	Os035048_01	S3	-1.632	119.794	371.367	LOC_Os12g39220.1
DG _{PP}	Os028944_01	S3	-1.642	105.850	330.251	-
DG _{PP}	Os000101_01	S3	-2.213	107.288	497.355	LOC_Os06g37620.1
DG _{PP}	Os000119_01	S3	-1.798	135.497	471.055	LOC_Os03g24339.1
DG _{PP}	Os000125_01	S3	-2.378	98.233	510.607	LOC_Os05g40200.1
DG _{PP}	Os000844_01	S3	-2.269	120.629	581.250	LOC_Os05g05220.1
DG _{PP}	Os001578_01	S3	-2.569	122.293	725.735	-
DG _{PP}	Os001631_01	S3	-1.847	148.926	535.766	LOC_Os03g16700.3
DG _{PP}	Os001655_01	S3	-2.784	100.689	693.567	LOC_Os02g35010.1
DG _{PP}	Os029899_01	S3	-1.794	115.332	400.008	LOC_Os09g39050.1
DG _{PP}	Os029917_01	S3	-2.403	91.814	485.614	LOC_Os08g37590.1
DG _{PP}	Os031015_01	S3	-2.008	101.641	408.967	-
DG _{PP}	Os031467_01	S3	-1.965	98.600	385.010	LOC_Os02g36690.1
DG _{PP}	Os032535_01	S3	-2.562	109.463	646.301	LOC_Os09g07320.1

DG _{PP}	Os008905_01	S3	-1.986	210.297	833.280	LOC_Os06g37000.2
DG _{PP}	Os009705_01	S3	-1.754	136.753	461.139	LOC_Os03g05280.1
DG _{PP}	Os029489_01	S3	-2.058	103.909	432.540	LOC_Os02g57854.1
DG _{PP}	Os030344_01	S3	-2.048	163.078	674.268	LOC_Os12g43820.1
DG _{PP}	Os030724_01	S3	-1.709	160.305	524.111	-
DG _{PP}	Os009728_01	S3	-1.680	387.990	1242.953	-
DG _{PP}	Os009774_01	S3	-2.274	99.093	479.340	LOC_Os04g45090.1
DG _{PP}	Os008899_01	S3	-2.003	110.724	443.902	LOC_Os08g39870.1
DG _{PP}	Os000400_01	S3	-1.871	192.885	705.572	-
DG _{PP}	Os000424_01	S3	-2.247	116.967	555.044	LOC_Os03g21080.1
DG _{PP}	Os001862_01	S3	-2.315	143.718	715.108	LOC_Os01g66320.1
DG _{PP}	Os030944_01	S3	-1.641	170.346	531.306	LOC_Os02g19790.1
DG _{PP}	Os030968_01	S3	-1.899	101.807	379.691	-
DG _{PP}	Os034412_01	S3	-1.928	100.524	382.508	LOC_Os06g12550.1
DG _{PP}	Os008486_01	S3	-1.689	199.564	643.411	LOC_Os02g40730.1
DG _{PP}	Os008787_01	S3	-1.793	234.654	813.155	LOC_Os02g47560.1
DG _{PP}	Os008811_01	S3	-1.793	105.293	364.901	LOC_Os03g51220.1
DG _{PP}	Os009921_01	S3	-2.469	286.344	1585.465	LOC_Os02g50620.1
DG _{PP}	Os038942_01	S3	-1.774	198.955	680.478	LOC_Os08g37670.1
DG _{PP}	Os026391_01	S3	-1.747	118.703	398.444	LOC_Os06g16260.1
DG _{PP}	Os056946_01	S3	-2.199	243.123	1116.512	LOC_Os05g34770.1
DG _{PP}	Os001046_01	S3	-2.225	147.485	689.622	LOC_Os03g02514.1
DG _{PP}	Os003610_01	S3	-1.639	156.790	488.431	-
DG _{PP}	Os030873_01	S3	-1.664	132.909	421.048	LOC_Os08g01640.1
DG _{PP}	Os007263_01	S3	-2.581	1921.936	11500.748	LOC_Os12g33150.1
DG _{PP}	Os008740_01	S3	-3.281	876.399	8516.821	LOC_Os04g45490.1
DG _{PP}	Os009446_01	S3	-1.769	116.838	398.272	LOC_Os04g47420.1
DG _{PP}	Os010221_01	S3	-1.709	387.503	1266.582	LOC_Os08g16810.1
DG _{PP}	Os038871_01	S3	-1.924	195.321	741.231	LOC_Os12g12590.1
DG _{PP}	Os027785_01	S3	-2.259	382.660	1831.553	LOC_Os03g61130.1
DG _{PP}	Os057481_02	S3	-1.737	124.842	416.200	LOC_Os04g43390.1

DG _{PP}	Os057647_02	S3	-3.140	126.616	1116.065	-
DG _{PP}	Os057659_02	S3	-1.719	161.130	530.557	LOC_Os03g04110.1
DG _{PP}	Os009199_01	S3	-1.703	101.525	330.564	LOC_Os12g02700.1
DG _{PP}	Os027934_01	S3	-1.672	114.216	363.919	LOC_Os06g06270.1
DG _{PP}	Os000515_01	S3	-1.818	286.816	1011.071	LOC_Os02g03010.1
DG _{PP}	Os008556_01	S3	-2.395	2182.051	11475.546	LOC_Os02g44630.2
DG _{PP}	Os008886_01	S3	-1.964	371.366	1449.113	LOC_Os11g10990.1
DG _{PP}	Os008928_01	S3	-1.694	116.341	376.320	LOC_Os03g59710.1
DG _{PP}	Os010034_01	S3	-2.331	470.580	2367.358	LOC_Os01g68940.1
DG _{PP}	Os010407_01	S3	-1.842	156.368	560.729	LOC_Os08g08120.3
DG _{PP}	Os008668_01	S3	-2.445	276.103	1503.699	LOC_Os11g04720.2
DG _{PP}	Os010501_01	S3	-3.000	248.125	1985.196	LOC_Os09g26670.1
DG _{PP}	Os039107_01	S3	-1.694	126.554	409.390	LOC_Os04g56800.1
DG _{PP}	Os057068_02	S3	-2.397	136.616	719.798	LOC_Os08g04390.2
DG _{PP}	Os057433_02	S3	-1.721	118.043	389.092	-
DG _{PP}	Os057614_02	S3	-2.192	112.019	511.801	LOC_Os06g22060.1
DG _{PP}	Os029934_01	S3	-1.679	168.647	540.086	LOC_Os09g13410.1
DG _{PP}	Os034470_01	S3	-2.239	107.661	508.256	LOC_Os10g10420.1
DG _{PP}	Os008153_02	S3	-1.895	331.298	1232.415	-
DG _{PP}	Os008538_01	S3	-2.205	518.177	2390.001	LOC_Os03g18070.1
DG _{PP}	Os009346_01	S3	-1.771	845.301	2884.290	LOC_Os03g52660.1
DG _{PP}	Os040526_01	S3	-1.826	141.729	502.493	LOC_Os01g62680.1
DG _{PP}	Os026464_01	S3	-2.351	377.385	1925.812	LOC_Os09g34100.1
DG _{PP}	Os027678_01	S3	-1.764	350.934	1191.970	-
DG _{PP}	Os000423_01	S3	-2.022	221.607	899.803	LOC_Os02g52860.1
DG _{PP}	Os000798_01	S3	-1.987	110.728	438.990	LOC_Os07g01890.1
DG _{PP}	Os001925_01	S3	-2.170	158.588	713.484	LOC_Os06g03860.1
DG _{PP}	Os003043_01	S3	-1.624	146.881	452.744	LOC_Os03g39640.1
DG _{PP}	Os031721_01	S3	-3.001	98.835	791.004	-
DG _{PP}	Os007729_01	S3	-1.629	143.716	444.581	LOC_Os09g29380.1
DG _{PP}	Os009186_01	S3	-1.740	112.173	374.699	LOC_Os04g36859.1

DG _{PP}	Os009192_01	S3	-1.782	117.740	404.831	LOC_Os01g50460.1
DG _{PP}	Os009234_01	S3	-1.709	1279.442	4183.205	LOC_Os08g06530.1
DG _{PP}	Os009586_01	S3	-2.104	235.626	1013.250	LOC_Os03g14040.3
DG _{PP}	Os009592_01	S3	-2.168	324.889	1459.573	LOC_Os05g40180.1
DG _{PP}	Os010331_01	S3	-1.744	91.929	308.017	LOC_Os02g46860.1
DG _{PP}	Os026390_01	S3	-2.278	153.555	744.657	LOC_Os05g25040.2
DG _{PP}	Os008721_01	S3	-2.143	114.253	504.780	LOC_Os03g17740.1
DG _{PP}	Os008745_01	S3	-2.106	311.632	1341.970	LOC_Os06g05880.1
DG _{PP}	Os009844_01	S3	-2.488	2201.903	12351.941	LOC_Os12g08730.1
DG _{PP}	Os041150_01	S3	-1.801	221.410	771.738	LOC_Os06g43850.1
DG _{PP}	Os028616_01	S3	-2.356	193.347	989.692	LOC_Os11g02440.2
DG _{PP}	Os009556_01	S3	-2.503	1012.907	5743.558	LOC_Os03g59320.1
DG _{PP}	Os010372_01	S3	-3.370	4620.299	47758.151	LOC_Os01g14410.1
DG _{PP}	Os010677_01	S3	-2.630	129.616	802.404	-
DG _{PP}	Os046599_01	S3	-2.097	1509.743	6458.481	LOC_Os07g33280.1
DG _{PP}	Os050067_01	S3	-1.652	1804.192	5668.371	LOC_Os01g38720.1
DG _{PP}	Os051177_01	S3	-1.738	897.348	2992.294	-
DG _{PP}	Os051935_01	S3	-2.060	715.890	2985.035	LOC_Os01g15270.1
DG _{PP}	Os015046_01	S3	-1.745	627.711	2104.391	LOC_Os03g29190.2
DG _{PP}	Os018049_01	S3	-2.586	485.646	2915.641	LOC_Os03g49630.1
DG _{PP}	Os018378_01	S3	-2.841	872.336	6248.325	LOC_Os08g02210.2
DG _{PP}	Os046332_01	S3	-2.223	11830.492	55230.288	LOC_Os11g19180.1
DG _{PP}	Os047852_01	S3	-2.435	194.851	1053.995	LOC_Os10g24050.1
DG _{PP}	Os019935_01	S3	-1.815	421.111	1481.366	LOC_Os05g48700.1
DG _{PP}	Os051326_01	S3	-1.731	193.725	643.308	LOC_Os05g35910.1
DG _{PP}	Os025816_01	S3	-2.370	164.522	850.244	LOC_Os07g14610.1
DG _{PP}	Os017967_01	S3	-2.141	768.206	3388.500	LOC_Os05g49880.1
DG _{PP}	Os018279_01	S3	-2.027	1078.117	4392.454	LOC_Os09g04790.1
DG _{PP}	Os049669_01	S3	-1.635	247.859	769.892	-
DG _{PP}	Os044729_01	S3	-1.934	105.878	404.700	LOC_Os05g30200.1
DG _{PP}	Os046570_01	S3	-1.758	341.441	1154.727	LOC_Os09g06330.1

DG _{PP}	Os015144_01	S3	-1.908	1489.034	5588.194	LOC_Os03g26650.2
DG _{PP}	Os016594_01	S3	-2.001	1968.038	7875.318	LOC_Os07g49100.1
DG _{PP}	Os046095_01	S3	-2.457	191.789	1053.077	LOC_Os08g22700.1
DG _{PP}	Os020331_01	S3	-2.532	598.049	3458.889	LOC_Os03g40650.1
DG _{PP}	Os050257_01	S3	-1.833	426.031	1517.968	LOC_Os06g34800.1
DG _{PP}	Os046890_01	S3	-1.777	303.017	1038.406	LOC_Os11g14740.1
DG _{PP}	Os044943_01	S3	-2.116	214.045	928.002	LOC_Os07g47750.1
DG _{PP}	Os016076_01	S3	-2.164	135.367	606.515	LOC_Os03g01260.1
DG _{PP}	Os017533_01	S3	-1.788	379.617	1311.390	-
DG _{PP}	Os048190_01	S3	-1.915	161.862	610.262	LOC_Os07g27970.1
DG _{PP}	Os025398_01	S3	-1.743	588.517	1970.133	LOC_Os05g45410.1
DG _{PP}	Os016499_01	S3	-1.822	617.961	2184.480	LOC_Os09g11370.1
DG _{PP}	Os045577_01	S3	-2.434	520.462	2812.283	LOC_Os12g07990.1
DG _{PP}	Os055625_01	S3	-1.863	992.238	3608.514	LOC_Os06g05070.1
DG _{PP}	Os045055_01	S3	-1.879	271.916	999.942	-
DG _{PP}	Os019697_01	S3	-1.905	92.003	344.495	-
DG _{PP}	Os020076_01	S3	-2.259	283.364	1356.637	LOC_Os08g39380.1
DG _{PP}	Os022975_01	S3	-8.023	84.351	21942.424	LOC_Os05g25540.1
DG _{PP}	Os044170_01	S3	-1.628	110.728	342.141	LOC_Os01g40200.1
DG _{PP}	Os042994_01	S3	-1.761	148.019	501.683	LOC_Os05g31090.1
DG _{PP}	Os016404_01	S3	-2.958	239.295	1859.832	LOC_Os01g15610.1
DG _{PP}	Os016433_01	S3	-1.754	185.591	625.995	LOC_Os04g15920.1
DG _{PP}	Os042441_01	S3	-2.310	357.153	1771.293	LOC_Os06g13800.1
DG _{PP}	Os017305_01	S3	-2.096	192.276	822.016	-
DG _{PP}	Os046306_01	S3	-1.700	2347.797	7629.437	-
DG _{PP}	Os048236_01	S3	-1.774	264.475	904.336	LOC_Os05g34740.1
DG _{PP}	Os024371_01	S3	-2.595	335.220	2025.861	-
DG _{PP}	Os042180_01	S3	-1.813	162.621	571.424	LOC_Os09g09430.1
DG _{PP}	Os045535_01	S3	-1.719	273.493	900.619	-
DG _{PP}	Os015940_01	S3	-2.078	180.965	764.116	LOC_Os07g28920.1
DG _{PP}	Os021606_01	S3	-1.960	537.466	2091.623	LOC_Os09g21470.1

DG _{PP}	Os022377_01	S3	-1.845	97.833	351.531	LOC_Os05g45750.1
DG _{PP}	Os015137_01	S3	-1.734	503.470	1674.580	LOC_Os03g62410.1
DG _{PP}	Os045261_01	S3	-1.885	208.139	769.017	LOC_Os02g34610.1
DG _{PP}	Os053001_01	S3	-1.744	344.955	1155.121	LOC_Os08g36820.1
DG _{PP}	Os012586_01	S3	-1.713	251.717	825.509	LOC_Os08g15444.1
DG _{PP}	Os015682_01	S3	-1.728	7398.723	24502.503	LOC_Os01g18744.1
DG _{PP}	Os016026_01	S3	-1.915	216.200	815.086	LOC_Os08g39970.1
DG _{PP}	Os018264_01	S3	-1.898	500.355	1865.059	LOC_Os08g41320.1
DG _{PP}	Os020969_01	S3	-1.848	144.599	520.498	LOC_Os08g08800.1
DG _{PP}	Os051938_01	S3	-1.809	123.604	433.131	LOC_Os10g39410.1
DG _{PP}	Os016168_01	S3	-1.941	1598.914	6138.704	LOC_Os02g39930.1
DG _{PP}	Os045207_01	S3	-2.546	348.701	2036.576	-
DG _{PP}	Os022572_01	S3	-1.810	2345.467	8225.550	LOC_Os12g36980.1
DG _{PP}	Os011667_01	S3	-1.821	105.475	372.629	LOC_Os01g60430.1
DG _{PP}	Os016309_01	S3	-1.663	1734.160	5490.492	LOC_Os10g28360.1
DG _{PP}	Os016716_01	S3	-1.726	2177.550	7205.219	LOC_Os02g10120.1
DG _{PP}	Os017110_01	S3	-1.720	379.021	1248.892	LOC_Os05g39000.1
DG _{PP}	Os045005_01	S3	-1.921	746.814	2828.470	-
DG _{PP}	Os011450_01	S3	-2.130	302.476	1324.413	LOC_Os01g72160.1
DG _{PP}	Os045664_01	S3	-2.808	345.258	2417.400	LOC_Os02g25890.1
DG _{PP}	Os052955_01	S3	-1.871	582.192	2129.596	LOC_Os01g54380.1
DG _{PP}	Os041241_01	S3	-2.072	161.040	677.112	LOC_Os01g21270.1
DG _{PP}	Os021505_01	S3	-1.718	1237.341	4070.396	LOC_Os02g51930.1
DG _{PP}	Os021877_01	S3	-1.953	112.798	436.606	-
DG _{PP}	Os046233_01	S3	-1.638	138.841	432.256	LOC_Os05g14430.1
DG _{PP}	Os046281_01	S3	-2.392	316.742	1662.829	LOC_Os10g38640.1
DG _{PP}	Os018051_01	S3	-1.635	111.074	344.941	LOC_Os06g35480.1
DG _{PP}	Os045972_01	S3	-2.710	120.424	788.032	LOC_Os05g15220.1
DG _{PP}	Os023589_01	S3	-1.744	336.219	1126.455	LOC_Os05g05650.1
DG _{PP}	Os055709_01	S3	-1.825	1571.747	5566.987	LOC_Os12g41110.1
DG _{PP}	Os046251_01	S3	-1.935	186.759	713.963	LOC_Os11g16850.1

DG _{PP}	Os054556_01	S3	-2.576	2848.823	16991.597	LOC_Os01g14410.1
DG _{PP}	Os015605_01	S3	-2.338	1241.729	6279.142	LOC_Os03g05620.1
DG _{PP}	Os052943_01	S3	-1.719	217.283	715.080	LOC_Os01g45570.1
DG _{PP}	Os046857_01	S3	-2.282	372.856	1813.419	LOC_Os02g38330.1
DG _{PP}	Os022257_01	S3	-2.112	105.144	454.479	-
DG _{PP}	Os045064_01	S3	-1.729	120.522	399.518	LOC_Os05g27490.1
DG _{PP}	Os045776_01	S3	-1.626	1332.615	4114.570	LOC_Os02g28450.1
DG _{PP}	Os051737_01	S3	-1.714	163.788	537.153	LOC_Os06g26050.1
DG _{PP}	Os017581_01	S3	-2.332	152.092	765.859	LOC_Os04g39230.1
DG _{PP}	Os020996_01	S3	-2.918	196.259	1483.089	LOC_Os02g07180.1
DG _{PP}	Os014934_01	S3	-1.650	1236.976	3881.124	-
DG _{PP}	Os012417_01	S3	-2.203	226.790	1044.234	LOC_Os04g47360.1
DG _{PP}	Os023778_01	S3	-1.824	236.787	838.562	LOC_Os01g63010.1
DG _{PP}	Os047930_01	S3	-1.844	137.741	494.603	LOC_Os11g34280.1
DG _{PP}	Os021120_01	S3	-1.943	132.587	509.693	LOC_Os10g43075.1
DG _{PP}	Os021150_01	S3	-1.969	141.883	555.535	LOC_Os03g27930.1
DG _{PP}	Os022274_01	S3	-2.034	115.461	472.865	LOC_Os02g15160.1
DG _{PP}	Os022292_01	S3	-1.822	108.410	383.247	LOC_Os11g35090.1
DG _{PP}	Os023373_01	S3	-1.627	126.944	392.229	LOC_Os09g24350.1
DG _{PP}	Os023396_01	S3	-1.976	135.307	532.250	-
DG _{PP}	Os025187_01	S3	-1.794	218.397	757.439	-
DG _{PP}	Os010130_01	S4	1.834	478.083	134.098	LOC_Os02g13960.1
DG _{PP}	Os010028_01	S4	2.128	4238.027	969.366	LOC_Os05g26630.1
DG _{PP}	Os039819_01	S4	2.035	793.479	193.561	LOC_Os12g40260.1
DG _{PP}	Os008614_01	S4	1.966	640.154	163.890	LOC_Os05g49160.2
DG _{PP}	Os028716_01	S4	3.057	654.475	78.628	LOC_Os02g07320.1
DG _{PP}	Os029713_01	S4	2.138	8561.171	1944.936	LOC_Os07g30990.1
DG _{PP}	Os000440_01	S4	2.008	3553.178	883.197	LOC_Os04g52090.1
DG _{PP}	Os001090_01	S4	2.340	359.988	71.081	LOC_Os02g50370.1
DG _{PP}	Os001786_01	S4	2.592	746.116	123.719	LOC_Os02g09980.1
DG _{PP}	Os010171_01	S4	2.475	1401.721	252.138	-

DG _{PP}	Os028062_01	S4	2.378	747.938	143.922	LOC_Os02g18800.1
DG _{PP}	Os029825_01	S4	1.901	473.105	126.666	LOC_Os01g40040.1
DG _{PP}	Os034759_01	S4	3.284	6599.000	677.710	LOC_Os04g13090.1
DG _{PP}	Os039580_01	S4	2.691	1759.927	272.475	LOC_Os02g40180.1
DG _{PP}	Os002353_01	S4	2.345	1262.639	248.601	LOC_Os03g38470.1
DG _{PP}	Os010037_01	S4	1.971	629.969	160.709	-
DG _{PP}	Os003566_01	S4	2.247	595.802	125.541	-
DG _{PP}	Os037234_01	S4	2.844	1080.291	150.453	LOC_Os07g11440.1
DG _{PP}	Os028144_01	S4	1.892	267.794	72.168	LOC_Os09g20490.1
DG _{PP}	Os029503_01	S4	1.889	261.087	70.511	LOC_Os02g55580.1
DG _{PP}	Os003255_01	S4	3.782	1053.499	76.611	LOC_Os03g39980.1
DG _{PP}	Os034271_01	S4	1.902	657.648	175.951	LOC_Os09g09230.1
DG _{PP}	Os010193_01	S4	1.865	944.975	259.437	LOC_Os12g34010.1
DG _{PP}	Os004399_01	S4	2.802	2905.520	416.601	LOC_Os02g40180.1
DG _{PP}	Os034181_01	S4	1.903	300.660	80.403	LOC_Os07g03190.1
DG _{PP}	Os008441_01	S4	1.825	1357.710	383.213	LOC_Os03g49190.1
DG _{PP}	Os026025_01	S4	2.230	1026.865	218.847	LOC_Os02g02930.1
DG _{PP}	Os039335_01	S4	2.021	277.290	68.322	LOC_Os04g01890.1
DG _{PP}	Os000954_01	S4	1.852	843.678	233.669	LOC_Os02g39350.1
DG _{PP}	Os009163_01	S4	1.841	395.405	110.356	LOC_Os02g05830.1
DG _{PP}	Os009921_01	S4	2.407	1159.683	218.629	LOC_Os02g50620.1
DG _{PP}	Os026407_01	S4	2.410	313.375	58.953	LOC_Os10g42754.1
DG _{PP}	Os038877_01	S4	2.162	467.702	104.493	LOC_Os01g29790.1
DG _{PP}	Os040011_01	S4	2.079	319.851	75.688	LOC_Os04g07930.1
DG _{PP}	Os040325_01	S4	2.650	325.552	51.857	LOC_Os08g43460.1
DG _{PP}	Os026320_01	S4	2.610	468.510	76.747	LOC_Os01g39780.1
DG _{PP}	Os000013_01	S4	1.897	2138.525	574.189	LOC_Os03g14980.2
DG _{PP}	Os031740_01	S4	2.631	832.534	134.399	LOC_Os07g05890.1
DG _{PP}	Os031764_01	S4	1.958	541.820	139.448	-
DG _{PP}	Os010501_01	S4	1.918	471.383	124.706	LOC_Os09g26670.1
DG _{PP}	Os031406_01	S4	1.813	220.157	62.640	LOC_Os11g18700.1

DG _{PP}	Os032588_01	S4	1.852	181.138	50.182	LOC_Os11g18490.1
DG _{PP}	Os001903_01	S4	2.438	1116.143	205.973	LOC_Os01g68290.1
DG _{PP}	Os038923_01	S4	1.840	357.685	99.908	LOC_Os11g05830.1
DG _{PP}	Os010261_01	S4	2.242	417.238	88.202	LOC_Os09g26390.1
DG _{PP}	Os008450_01	S4	3.112	4049.994	468.422	LOC_Os01g67980.1
DG _{PP}	Os010372_01	S4	2.313	32216.657	6483.866	LOC_Os01g14410.1
DG _{PP}	Os014879_01	S4	1.965	465.755	119.278	LOC_Os10g40550.2
DG _{PP}	Os015656_01	S4	2.392	646.265	123.106	LOC_Os07g41280.3
DG _{PP}	Os016806_01	S4	1.967	519.508	132.918	LOC_Os02g39840.1
DG _{PP}	Os016812_01	S4	1.901	527.461	141.228	LOC_Os02g17090.1
DG _{PP}	Os017955_01	S4	2.426	444.967	82.812	-
DG _{PP}	Os018309_01	S4	2.178	376.116	83.118	LOC_Os11g06190.1
DG _{PP}	Os048571_01	S4	2.012	233.173	57.816	-
DG _{PP}	Os019412_01	S4	1.922	528.494	139.471	LOC_Os04g56140.1
DG _{PP}	Os019787_01	S4	2.287	822.405	168.524	LOC_Os05g33100.1
DG _{PP}	Os020593_01	S4	4.357	2562.143	125.058	LOC_Os11g33090.1
DG _{PP}	Os020948_01	S4	2.062	614.873	147.299	LOC_Os04g46880.2
DG _{PP}	Os022032_01	S4	4.379	3055.767	146.845	LOC_Os08g02230.1
DG _{PP}	Os049705_01	S4	2.794	540.123	77.890	LOC_Os10g28810.1
DG _{PP}	Os051159_01	S4	2.984	965.974	122.058	-
DG _{PP}	Os053376_02	S4	1.836	267.453	74.906	-
DG _{PP}	Os054851_01	S4	2.369	429.169	83.066	LOC_Os01g17430.1
DG _{PP}	Os055268_01	S4	2.137	419.357	95.355	LOC_Os04g37430.1
DG _{PP}	Os055644_01	S4	2.315	2211.992	444.442	LOC_Os01g61400.1
DG _{PP}	Os016907_01	S4	2.560	639.559	108.476	LOC_Os11g40590.3
DG _{PP}	Os055383_01	S4	1.841	288.558	80.548	LOC_Os01g57470.1
DG _{PP}	Os017196_01	S4	1.812	183.190	52.156	LOC_Os03g45980.1
DG _{PP}	Os048559_01	S4	1.922	271.689	71.694	LOC_Os11g43390.1
DG _{PP}	Os019400_01	S4	2.273	1397.183	289.000	LOC_Os01g70790.1
DG _{PP}	Os025787_01	S4	4.264	23473.327	1221.412	LOC_Os12g04980.1
DG _{PP}	Os019947_01	S4	2.061	364.197	87.252	LOC_Os11g12050.2

DG _{PP}	Os049360_01	S4	2.024	389.404	95.758	LOC_Os09g22150.1
DG _{PP}	Os015585_01	S4	1.937	552.872	144.377	LOC_Os02g33490.1
DG _{PP}	Os015919_01	S4	2.060	1165.453	279.465	LOC_Os03g44010.2
DG _{PP}	Os017820_01	S4	2.002	1269.155	316.947	LOC_Os04g36062.1
DG _{PP}	Os018190_01	S4	2.015	444.104	109.872	LOC_Os01g43700.2
DG _{PP}	Os018196_01	S4	2.181	872.117	192.298	LOC_Os03g55070.2
DG _{PP}	Os018238_01	S4	1.926	200.774	52.853	LOC_Os11g07050.1
DG _{PP}	Os018989_01	S4	2.742	1147.847	171.634	LOC_Os02g56850.3
DG _{PP}	Os020450_01	S4	1.990	653.615	164.506	LOC_Os08g34950.1
DG _{PP}	Os052234_01	S4	2.113	1424.245	329.260	-
DG _{PP}	Os012229_01	S4	2.129	463.101	105.894	LOC_Os07g11060.2
DG _{PP}	Os054712_01	S4	1.857	376.501	103.969	LOC_Os03g60509.2
DG _{PP}	Os011816_01	S4	1.970	710.426	181.379	-
DG _{PP}	Os049479_01	S4	1.934	263.712	69.037	LOC_Os06g40410.1
DG _{PP}	Os043803_01	S4	1.817	649.536	184.283	LOC_Os04g20280.1
DG _{PP}	Os011344_01	S4	1.899	1612.553	432.360	-
DG _{PP}	Os017954_01	S4	1.981	926.876	234.847	LOC_Os08g04840.1
DG _{PP}	Os018314_01	S4	1.958	1844.997	474.849	LOC_Os01g50050.1
DG _{PP}	Os019086_01	S4	1.932	459.539	120.460	LOC_Os03g27800.1
DG _{PP}	Os051916_01	S4	1.923	13385.812	3529.827	LOC_Os06g46770.2
DG _{PP}	Os024630_01	S4	1.830	355.685	100.073	-
DG _{PP}	Os011874_01	S4	2.305	1177.197	238.198	LOC_Os03g47610.8
DG _{PP}	Os015378_01	S4	1.873	466.411	127.320	LOC_Os12g39970.4
DG _{PP}	Os011581_01	S4	2.405	1219.595	230.218	LOC_Os03g58580.1
DG _{PP}	Os049009_01	S4	1.810	275.457	78.551	LOC_Os05g44640.1
DG _{PP}	Os049051_01	S4	2.134	250.163	56.995	-
DG _{PP}	Os052084_01	S4	4.042	1661.197	100.825	LOC_Os11g32650.1
DG _{PP}	Os023673_01	S4	2.108	356.319	82.677	LOC_Os08g15420.1
DG _{PP}	Os014307_01	S4	2.391	704.129	134.247	LOC_Os07g32630.1
DG _{PP}	Os014662_01	S4	2.140	494.338	112.190	LOC_Os03g17580.1
DG _{PP}	Os015560_01	S4	1.882	389.690	105.724	LOC_Os07g41570.1

DG _{PP}	Os021218_01	S4	1.837	1053.882	295.043	-
DG _{PP}	Os021555_01	S4	2.014	474.284	117.456	LOC_Os05g04530.1
DG _{PP}	Os012522_01	S4	1.840	3844.052	1073.978	LOC_Os08g09250.2
DG _{PP}	Os022024_01	S4	2.007	1051.795	261.665	LOC_Os02g03840.1
DG _{PP}	Os018766_01	S4	1.911	2146.747	571.001	LOC_Os04g40670.1
DG _{PP}	Os021788_01	S4	2.280	524.009	107.870	LOC_Os07g10480.1
DG _{PP}	Os013530_01	S4	2.306	616.154	124.593	LOC_Os08g30060.2
DG _{PP}	Os023817_01	S4	1.947	300.342	77.891	LOC_Os03g57900.1
DG _{PP}	Os024073_01	S4	2.313	694.040	139.627	-
DG _{PP}	Os044300_01	S4	3.856	47812.906	3301.022	LOC_Os05g11320.1
DG _{PP}	Os019079_01	S4	2.162	389.347	87.000	LOC_Os01g74510.1
DG _{PP}	Os017257_01	S4	1.914	266.702	70.754	LOC_Os06g40890.1
DG _{PP}	Os054428_01	S4	1.853	292.988	81.131	LOC_Os01g42860.1
DG _{PP}	Os017735_01	S4	1.934	165.300	43.250	LOC_Os04g20774.1
DG _{PP}	Os046816_01	S4	1.988	204.927	51.662	-
DG _{PP}	Os020666_01	S4	2.209	325.328	70.340	LOC_Os11g27400.1
DG _{PP}	Os051250_01	S4	1.938	904.855	236.229	-
DG _{PP}	Os055646_01	S4	2.024	1870.485	459.759	LOC_Os12g29670.1
DG _{PP}	Os015434_01	S4	1.864	371.265	101.967	LOC_Os09g38530.1
DG _{PP}	Os043734_01	S4	2.070	228.714	54.453	LOC_Os05g12220.1
DG _{PP}	Os016608_01	S4	1.911	306.467	81.512	LOC_Os06g24490.1
DG _{PP}	Os047936_01	S4	1.983	275.933	69.794	LOC_Os01g11770.1
DG _{PP}	Os000918_01	S4	-2.893	192.203	1427.755	LOC_Os11g44960.1
DG _{PP}	Os035651_01	S4	-1.975	191.554	752.918	LOC_Os05g04760.1
DG _{PP}	Os010382_01	S4	-2.871	206.737	1512.821	LOC_Os05g45220.1
DG _{PP}	Os010388_01	S4	-2.030	140.964	575.816	-
DG _{PP}	Os010435_01	S4	-5.080	276.207	9344.703	LOC_Os04g36770.1
DG _{PP}	Os038999_01	S4	-1.934	244.909	936.154	LOC_Os10g31250.1
DG _{PP}	Os035746_01	S4	-1.745	254.340	852.489	-
DG _{PP}	Os010148_01	S4	-8.144	136.040	38480.253	-
DG _{PP}	Os039112_01	S4	-1.966	4603.856	17992.126	LOC_Os08g35360.1

DG _{PP}	Os030295_01	S4	-3.465	2246.705	24811.688	LOC_Os12g08150.1
DG _{PP}	Os010400_01	S4	-5.844	175.214	10066.630	LOC_Os07g38540.1
DG _{PP}	Os035734_01	S4	-2.052	7174.555	29761.372	LOC_Os08g15180.1
DG _{PP}	Os010488_01	S4	-3.420	334.247	3576.480	-
DG _{PP}	Os009925_01	S4	-2.636	141.022	876.793	LOC_Os03g44000.1
DG _{PP}	Os009966_01	S4	-5.556	80.249	3776.592	LOC_Os05g34710.1
DG _{PP}	Os010342_01	S4	-2.347	87.845	446.994	LOC_Os09g37590.1
DG _{PP}	Os010623_01	S4	-8.109	127.622	35241.142	LOC_Os04g42490.1
DG _{PP}	Os010946_01	S4	-1.933	171.517	654.815	LOC_Os03g17200.1
DG _{PP}	Os009937_01	S4	-1.757	185.678	627.580	LOC_Os05g34260.1
DG _{PP}	Os010001_01	S4	-2.886	332.192	2455.062	LOC_Os08g02200.1
DG _{PP}	Os010330_01	S4	-2.303	307.059	1514.959	-
DG _{PP}	Os028680_01	S4	-2.918	176.619	1334.953	LOC_Os07g06100.1
DG _{PP}	Os010230_01	S4	-6.281	128.944	10025.907	-
DG _{PP}	Os010254_01	S4	-3.679	159.568	2044.106	LOC_Os06g46720.1
DG _{PP}	Os010260_01	S4	-3.605	138.728	1688.101	-
DG _{PP}	Os010153_01	S4	-1.977	168.935	664.972	LOC_Os02g43480.1
DG _{PP}	Os008896_01	S4	-1.746	233.492	783.088	LOC_Os04g51520.1
DG _{PP}	Os010073_01	S4	-2.068	414.717	1739.253	LOC_Os07g40986.1
DG _{PP}	Os010416_01	S4	-2.262	188.906	906.103	LOC_Os08g04340.1
DG _{PP}	Os010446_01	S4	-3.400	183.134	1933.190	LOC_Os04g56390.1
DG _{PP}	Os009948_01	S4	-3.256	115.765	1106.128	LOC_Os04g41229.1
DG _{PP}	Os009971_01	S4	-8.284	169.436	52811.056	LOC_Os03g05330.1
DG _{PP}	Os038565_01	S4	-1.805	92.367	322.657	LOC_Os04g40780.1
DG _{PP}	Os028257_01	S4	-2.149	141.422	627.248	LOC_Os03g15210.1
DG _{PP}	Os029421_01	S4	-3.106	117.650	1012.980	LOC_Os12g41070.1
DG _{PP}	Os029427_01	S4	-2.004	162.042	649.992	LOC_Os01g42410.1
DG _{PP}	Os057343_02	S4	-1.858	234.843	851.219	LOC_Os03g01210.1
DG _{PP}	Os010646_01	S4	-8.905	85.698	41092.890	LOC_Os03g55610.1
DG _{PP}	Os037668_01	S4	-2.545	2940.253	17165.011	LOC_Os04g40120.1
DG _{PP}	Os001547_01	S4	-2.114	59.291	256.733	LOC_Os07g01730.1

DG _{PP}	Os009936_01	S4	-2.333	139.957	705.283	LOC_Os05g32190.1
DG _{PP}	Os030484_01	S4	-1.784	353.378	1216.881	-
DG _{PP}	Os032941_01	S4	-2.640	117.542	732.466	LOC_Os11g24200.1
DG _{PP}	Os033054_01	S4	-1.897	162.008	603.510	-
DG _{PP}	Os035364_01	S4	-1.764	124.139	421.754	LOC_Os07g29684.1
DG _{PP}	Os010152_01	S4	-2.444	116.616	634.634	-
DG _{PP}	Os003577_01	S4	-2.248	156.504	743.419	LOC_Os07g29750.1
DG _{PP}	Os030032_01	S4	-2.238	117.719	555.294	LOC_Os06g48560.1
DG _{PP}	Os032258_01	S4	-1.860	220.054	798.634	LOC_Os07g29340.1
DG _{PP}	Os033398_01	S4	-1.766	4844.179	16479.841	LOC_Os12g23890.1
DG _{PP}	Os010492_01	S4	-3.762	119.891	1626.455	LOC_Os04g46930.2
DG _{PP}	Os001934_01	S4	-3.223	128.519	1200.048	-
DG _{PP}	Os002654_01	S4	-1.806	777.501	2718.776	LOC_Os07g47070.1
DG _{PP}	Os030542_01	S4	-2.039	127.384	523.575	LOC_Os11g08980.1
DG _{PP}	Os032864_01	S4	-1.946	125.418	483.296	LOC_Os08g38260.1
DG _{PP}	Os032888_01	S4	-2.659	75.509	476.810	LOC_Os11g37570.1
DG _{PP}	Os009964_01	S4	-4.053	159.270	2643.818	LOC_Os09g20880.1
DG _{PP}	Os040796_01	S4	-1.962	147.932	576.508	LOC_Os04g55400.1
DG _{PP}	Os040802_01	S4	-1.998	83.483	333.496	LOC_Os08g23580.1
DG _{PP}	Os034319_01	S4	-2.054	222.700	924.573	-
DG _{PP}	Os010217_01	S4	-4.518	109.284	2503.831	LOC_Os08g06540.1
DG _{PP}	Os010568_01	S4	-2.530	110.453	637.859	LOC_Os01g60260.2
DG _{PP}	Os009929_01	S4	-2.173	160.898	725.521	LOC_Os02g31860.1
DG _{PP}	Os009935_01	S4	-2.545	2288.657	13354.758	LOC_Os04g52060.1
DG _{PP}	Os035085_01	S4	-2.209	79.675	368.424	LOC_Os09g37740.1
DG _{PP}	Os010211_01	S4	-2.852	182.198	1315.856	LOC_Os10g41800.1
DG _{PP}	Os029876_01	S4	-2.595	99.629	602.077	LOC_Os08g34890.1
DG _{PP}	Os029900_01	S4	-1.832	241.954	861.352	-
DG _{PP}	Os030256_01	S4	-2.570	126.445	750.698	LOC_Os02g20590.1
DG _{PP}	Os030630_01	S4	-2.169	144.045	647.831	LOC_Os03g26470.1
DG _{PP}	Os030654_01	S4	-1.856	121.015	438.011	LOC_Os02g30190.1

DG _{PP}	Os032940_01	S4	-2.057	95.244	396.296	LOC_Os04g26250.1
DG _{PP}	Os032964_01	S4	-2.638	136.855	851.853	LOC_Os11g47740.1
DG _{PP}	Os032982_01	S4	-2.302	124.778	615.287	-
DG _{PP}	Os034098_01	S4	-2.179	140.261	635.166	LOC_Os03g42870.1
DG _{PP}	Os034430_01	S4	-1.758	83.761	283.258	LOC_Os03g47042.1
DG _{PP}	Os035262_01	S4	-2.480	118.700	662.106	LOC_Os05g32060.1
DG _{PP}	Os036740_01	S4	-2.172	1033.580	4659.075	-
DG _{PP}	Os009336_01	S4	-1.842	712.164	2553.083	LOC_Os11g02730.1
DG _{PP}	Os039038_01	S4	-1.789	102.363	353.672	-
DG _{PP}	Os027668_01	S4	-1.790	212.736	735.852	LOC_Os02g16680.1
DG _{PP}	Os033029_01	S4	-1.936	123.443	472.486	LOC_Os02g57740.1
DG _{PP}	Os033059_01	S4	-2.238	95.635	451.011	LOC_Os03g43564.1
DG _{PP}	Os035357_01	S4	-2.044	91.784	378.443	-
DG _{PP}	Os010145_01	S4	-3.292	137.037	1342.003	-
DG _{PP}	Os010503_01	S4	-7.921	128.082	31044.783	LOC_Os06g49690.1
DG _{PP}	Os030642_01	S4	-2.087	147.442	626.384	LOC_Os02g53890.1
DG _{PP}	Os009787_01	S4	-2.928	270.966	2061.516	LOC_Os07g23120.1
DG _{PP}	Os002299_01	S4	-2.062	190.393	794.922	LOC_Os01g50830.1
DG _{PP}	Os002671_01	S4	-1.841	245.289	878.628	LOC_Os03g51440.1
DG _{PP}	Os029829_01	S4	-4.436	83.001	1796.161	LOC_Os05g40110.1
DG _{PP}	Os029853_01	S4	-4.882	123.403	3638.981	LOC_Os04g28440.1
DG _{PP}	Os030155_01	S4	-4.940	165.288	5074.040	LOC_Os02g14080.1
DG _{PP}	Os030993_01	S4	-2.473	338.510	1879.004	-
DG _{PP}	Os031301_01	S4	-3.382	117.461	1224.743	LOC_Os08g02710.1
DG _{PP}	Os032085_01	S4	-2.283	145.794	709.633	LOC_Os06g10980.1
DG _{PP}	Os032435_01	S4	-4.735	123.696	3294.012	LOC_Os03g56430.1
DG _{PP}	Os032441_01	S4	-2.477	190.922	1062.853	LOC_Os03g29470.1
DG _{PP}	Os032459_01	S4	-2.533	96.981	561.184	LOC_Os02g44560.1
DG _{PP}	Os032489_01	S4	-5.517	127.711	5849.591	LOC_Os06g38080.1
DG _{PP}	Os032839_01	S4	-2.298	101.676	499.997	LOC_Os10g21479.1
DG _{PP}	Os032863_01	S4	-1.791	234.089	810.266	-

DG _{PP}	Os032893_01	S4	-2.084	97.112	411.621	LOC_Os06g32960.1
DG _{PP}	Os003727_01	S4	-2.406	140.799	746.121	-
DG _{PP}	Os033653_01	S4	-2.032	106.649	436.088	LOC_Os11g04870.1
DG _{PP}	Os034413_01	S4	-1.865	121.430	442.435	LOC_Os03g35470.1
DG _{PP}	Os034745_01	S4	-1.890	93.807	347.695	LOC_Os03g51990.1
DG _{PP}	Os035119_01	S4	-3.777	103.235	1415.493	LOC_Os06g24000.1
DG _{PP}	Os010286_01	S4	-2.433	220.439	1190.308	LOC_Os07g38990.1
DG _{PP}	Os032412_01	S4	-2.277	98.426	476.960	LOC_Os01g11490.1
DG _{PP}	Os033172_01	S4	-2.234	236.986	1115.155	LOC_Os03g31790.1
DG _{PP}	Os009517_01	S4	-1.841	10465.696	37495.581	LOC_Os06g21590.1
DG _{PP}	Os010638_01	S4	-8.793	118.951	52778.127	-
DG _{PP}	Os009934_01	S4	-1.898	242.306	902.843	LOC_Os01g49230.1
DG _{PP}	Os010204_01	S4	-2.357	155.242	795.159	LOC_Os11g13990.1
DG _{PP}	Os010602_01	S4	-1.850	99.637	359.212	LOC_Os06g11720.1
DG _{PP}	Os032155_01	S4	-1.932	90.133	343.893	LOC_Os10g02080.1
DG _{PP}	Os032909_01	S4	-2.519	82.690	473.882	-
DG _{PP}	Os057211_02	S4	-1.825	417.001	1477.754	LOC_Os01g05970.1
DG _{PP}	Os033390_01	S4	-1.971	113.941	446.705	LOC_Os10g05500.1
DG _{PP}	Os010478_01	S4	-4.788	152.934	4225.654	LOC_Os03g50110.1
DG _{PP}	Os010526_01	S4	-5.928	107.224	6526.942	LOC_Os02g03430.1
DG _{PP}	Os008199_01	S4	-3.827	135.625	1925.403	LOC_Os11g44990.1
DG _{PP}	Os010018_01	S4	-3.114	120.997	1047.257	LOC_Os03g50130.1
DG _{PP}	Os026150_01	S4	-2.786	273.431	1886.239	LOC_Os01g07620.1
DG _{PP}	Os010490_01	S4	-3.526	149.763	1724.887	LOC_Os03g49480.1
DG _{PP}	Os032814_01	S4	-1.879	167.288	615.149	LOC_Os06g24530.1
DG _{PP}	Os010291_01	S4	-3.371	189.502	1960.108	LOC_Os01g48710.1
DG _{PP}	Os002952_01	S4	-2.298	132.110	649.721	LOC_Os10g10750.1
DG _{PP}	Os033129_01	S4	-1.745	140.199	469.795	LOC_Os03g36710.1
DG _{PP}	Os010215_01	S4	-2.150	133.354	591.692	-
DG _{PP}	Os010244_01	S4	-8.427	137.544	47323.171	-
DG _{PP}	Os010637_01	S4	-2.134	159.531	700.040	LOC_Os01g51800.1

DG _{PP}	Os057647_02	S4	-3.373	145.488	1507.323	-
DG _{PP}	Os010326_01	S4	-4.423	86.996	1866.548	LOC_Os07g43310.1
DG _{PP}	Os010344_01	S4	-4.130	112.285	1966.261	LOC_Os04g53370.1
DG _{PP}	Os009287_01	S4	-2.956	508.694	3948.679	LOC_Os01g16660.1
DG _{PP}	Os010407_01	S4	-1.998	429.134	1714.660	LOC_Os08g08120.3
DG _{PP}	Os010424_01	S4	-6.070	525.150	35292.105	LOC_Os03g15080.2
DG _{PP}	Os010125_01	S4	-3.154	160.836	1432.069	LOC_Os07g06600.1
DG _{PP}	Os010477_01	S4	-1.934	217.454	830.997	-
DG _{PP}	Os034108_01	S4	-3.601	118.671	1440.250	LOC_Os07g27850.1
DG _{PP}	Os000271_01	S4	-1.871	264.202	966.739	LOC_Os02g22100.7
DG _{PP}	Os010179_01	S4	-1.863	119.337	434.030	LOC_Os09g30410.1
DG _{PP}	Os031745_01	S4	-2.635	3188.687	19808.633	-
DG _{PP}	Os009967_01	S4	-3.236	130.322	1227.577	LOC_Os02g32450.1
DG _{PP}	Os010290_01	S4	-2.594	153.002	923.460	LOC_Os03g09880.1
DG _{PP}	Os010355_01	S4	-7.464	180.603	31883.952	-
DG _{PP}	Os039707_01	S4	-2.004	139.641	559.973	-
DG _{PP}	Os026385_01	S4	-1.974	11749.449	46152.313	LOC_Os02g44780.3
DG _{PP}	Os035913_01	S4	-1.982	68.188	269.286	LOC_Os10g21550.1
DG _{PP}	Os008421_01	S4	-1.750	174.931	588.310	LOC_Os07g48820.2
DG _{PP}	Os000322_01	S4	-2.198	449.951	2065.001	LOC_Os07g28610.2
DG _{PP}	Os001428_01	S4	-1.745	195.773	655.997	LOC_Os11g33320.1
DG _{PP}	Os010583_01	S4	-6.086	114.722	7792.635	LOC_Os08g21330.2
DG _{PP}	Os010606_01	S4	-5.568	190.094	9020.575	LOC_Os10g02490.2
DG _{PP}	Os024736_01	S4	-1.747	2699.792	9065.157	LOC_Os03g63540.1
DG _{PP}	Os025103_01	S4	-2.062	406.469	1697.166	LOC_Os07g34920.1
DG _{PP}	Os013356_01	S4	-1.909	256.409	963.084	LOC_Os07g40974.1
DG _{PP}	Os048713_01	S4	-1.851	534.776	1928.644	LOC_Os11g27090.1
DG _{PP}	Os021841_01	S4	-2.033	547.081	2238.756	LOC_Os08g36410.1
DG _{PP}	Os050257_01	S4	-1.825	848.512	3006.005	LOC_Os06g34800.1
DG _{PP}	Os054741_01	S4	-3.685	177.272	2279.495	-
DG _{PP}	Os014740_01	S4	-1.751	1908.198	6421.947	LOC_Os07g36080.1

DG _{PP}	Os046890_01	S4	-1.886	637.332	2356.166	LOC_Os11g14740.1
DG _{PP}	Os045347_01	S4	-2.286	306.513	1494.423	LOC_Os06g18120.1
DG _{PP}	Os016152_01	S4	-1.936	874.575	3347.606	-
DG _{PP}	Os045577_01	S4	-2.440	1138.655	6179.461	LOC_Os12g07990.1
DG _{PP}	Os013541_01	S4	-2.017	119.919	485.252	LOC_Os10g22510.1
DG _{PP}	Os014602_01	S4	-1.849	171.092	616.205	-
DG _{PP}	Os022442_01	S4	-3.003	126.988	1018.231	-
DG _{PP}	Os045565_01	S4	-3.801	265.063	3693.918	LOC_Os10g09630.1
DG _{PP}	Os047459_01	S4	-2.572	745.318	4430.438	LOC_Os01g12940.1
DG _{PP}	Os041255_01	S4	-2.642	62.242	388.461	-
DG _{PP}	Os015952_01	S4	-2.234	499.703	2350.812	LOC_Os10g37280.1
DG _{PP}	Os046207_01	S4	-1.953	342.199	1324.574	LOC_Os02g12540.1
DG _{PP}	Os052934_01	S4	-4.881	85.635	2522.919	LOC_Os06g16640.1
DG _{PP}	Os012919_01	S4	-1.753	772.632	2603.707	LOC_Os01g11054.1
DG _{PP}	Os015155_01	S4	-2.106	117.491	505.651	LOC_Os01g71590.3
DG _{PP}	Os016404_01	S4	-2.310	1246.669	6181.756	LOC_Os01g15610.1
DG _{PP}	Os017305_01	S4	-2.239	619.981	2927.048	-
DG _{PP}	Os046004_01	S4	-1.800	922.941	3213.340	LOC_Os02g24410.1
DG _{PP}	Os047880_01	S4	-2.145	277.669	1227.911	-
DG _{PP}	Os049044_01	S4	-1.839	282.126	1009.590	-
DG _{PP}	Os016063_01	S4	-3.235	170.182	1602.421	LOC_Os01g66290.2
DG _{PP}	Os022090_01	S4	-1.800	79.130	275.554	LOC_Os04g47250.1
DG _{PP}	Os049649_01	S4	-2.079	220.448	931.317	-
DG _{PP}	Os020318_01	S4	-1.800	183.327	638.566	LOC_Os07g14160.3
DG _{PP}	Os013556_01	S4	-1.964	62.731	244.819	LOC_Os02g35560.1
DG _{PP}	Os046413_01	S4	-2.080	239.450	1012.207	LOC_Os02g11990.1
DG _{PP}	Os049013_01	S4	-1.784	112.071	385.869	LOC_Os02g29170.1
DG _{PP}	Os016132_01	S4	-3.863	184.648	2686.555	LOC_Os04g14190.1
DG _{PP}	Os045207_01	S4	-2.357	990.916	5077.840	-
DG _{PP}	Os044797_01	S4	-1.782	83.710	287.910	LOC_Os09g19180.1
DG _{PP}	Os051869_01	S4	-2.877	173.269	1272.576	LOC_Os11g45090.1

DG _{PP}	Os042013_01	S4	-3.319	4661.550	46528.396	LOC_Os08g19330.1
DG _{PP}	Os014025_01	S4	-2.255	123.616	590.247	-
DG _{PP}	Os045664_01	S4	-2.050	1376.601	5699.891	LOC_Os02g25890.1
DG _{PP}	Os014364_01	S4	-4.461	347.372	7650.920	LOC_Os01g45914.1
DG _{PP}	Os012989_01	S4	-2.465	85.254	470.715	-
DG _{PP}	Os052911_01	S4	-2.384	98.336	513.198	LOC_Os08g04500.1
DG _{PP}	Os045117_01	S4	-2.022	561.879	2282.026	LOC_Os06g06310.1
DG _{PP}	Os046281_01	S4	-1.813	1050.270	3690.171	LOC_Os10g38640.1
DG _{PP}	Os020517_01	S4	-2.679	185.004	1184.924	LOC_Os04g58140.1
DG _{PP}	Os041269_01	S4	-2.837	112.040	800.391	LOC_Os10g01500.1
DG _{PP}	Os042819_01	S4	-1.881	86.386	318.182	LOC_Os05g30000.1
DG _{PP}	Os045972_01	S4	-2.289	109.415	534.558	LOC_Os05g15220.1
DG _{PP}	Os052006_01	S4	-1.763	424.250	1439.448	LOC_Os08g02340.2
DG _{PP}	Os023589_01	S4	-2.062	341.107	1423.924	LOC_Os05g05650.1
DG _{PP}	Os043716_01	S4	-1.835	320.919	1144.931	LOC_Os06g36530.1
DG _{PP}	Os011262_01	S4	-2.465	117.544	648.939	LOC_Os02g52150.2
DG _{PP}	Os046251_01	S4	-2.291	713.915	3493.808	LOC_Os11g16850.1
DG _{PP}	Os018033_01	S4	-1.861	288.738	1048.993	LOC_Os01g68370.4
DG _{PP}	Os023251_01	S4	-2.497	130.423	736.444	-
DG _{PP}	Os042540_01	S4	-1.841	625.941	2241.813	LOC_Os01g67700.1
DG _{PP}	Os048394_01	S4	-1.747	106.874	358.814	LOC_Os01g39100.1
DG _{PP}	Os019712_01	S4	-2.473	327.278	1817.385	LOC_Os02g11060.1
DG _{PP}	Os020500_01	S4	-1.780	103.813	356.575	LOC_Os06g20370.1
DG _{PP}	Os021634_01	S4	-1.889	95.223	352.696	LOC_Os01g59180.1
DG _{PP}	Os046857_01	S4	-2.371	880.448	4553.619	LOC_Os02g38330.1
DG _{PP}	Os024100_01	S4	-2.245	251.651	1193.111	LOC_Os05g03750.1
DG _{PP}	Os053207_01	S4	-1.792	399.584	1383.727	LOC_Os01g01160.1
DG _{PP}	Os056132_01	S4	-2.126	111.611	487.047	LOC_Os05g43040.1
DG _{PP}	Os041845_01	S4	-2.167	102.517	460.383	LOC_Os02g29540.1
DG _{PP}	Os052195_01	S4	-1.948	147.314	568.272	LOC_Os08g39840.1
DG _{PP}	Os053356_01	S4	-1.768	261.639	890.958	LOC_Os01g12760.1

DG _{PP}	Os012159_01	S4	-2.352	206.206	1052.518	LOC_Os12g01140.1
DG _{PP}	Os017704_01	S4	-1.897	984.293	3666.727	LOC_Os02g07200.3
DG _{PP}	Os021870_01	S4	-2.288	312.520	1526.750	LOC_Os07g41060.1
DG _{PP}	Os054344_01	S4	-1.810	105.435	369.656	LOC_Os12g27830.1
DG _{PP}	Os015303_01	S4	-1.810	427.354	1498.993	LOC_Os04g37690.1
DG _{PP}	Os053372_01	S4	-2.798	87.639	609.355	LOC_Os01g03500.1
DG _{PP}	Os042462_01	S4	-2.042	13700.948	56434.042	LOC_Os05g33320.1
DG _{PP}	Os012670_01	S4	-1.828	176.773	627.695	LOC_Os04g33310.1
DG _{PP}	Os052028_01	S4	-2.052	4535.567	18810.906	LOC_Os12g23200.1
DG _{PP}	Os053847_01	S4	-1.811	261.002	915.747	LOC_Os01g12740.1
DG _{PP}	Os055703_01	S4	-2.057	345.918	1439.663	LOC_Os01g31680.1
DG _{PP}	Os043715_01	S4	-2.382	101.660	529.770	LOC_Os10g39070.1
DG _{PP}	Os012363_01	S4	-2.155	1354.826	6034.257	LOC_Os07g36190.1
DG _{PP}	Os013888_01	S4	-1.768	257.924	878.284	LOC_Os11g07980.1
DG _{PP}	Os014219_01	S4	-1.875	214.558	787.016	LOC_Os07g37560.2
DG _{PP}	Os014243_01	S4	-1.962	187.371	729.973	LOC_Os02g21880.1
DG _{PP}	Os046600_01	S4	-1.818	275.209	970.495	-
DG _{PP}	Os020576_01	S4	-2.521	202.768	1163.569	LOC_Os03g56270.2
DG _{PP}	Os050828_01	S4	-1.868	402.846	1470.206	LOC_Os12g07420.1
DG _{PP}	Os051948_01	S4	-1.993	1999.688	7957.646	LOC_Os11g06720.1
DG _{PP}	Os054491_01	S4	-2.494	311.942	1757.764	-
DG _{PP}	Os011134_01	S4	-2.114	200.299	866.956	LOC_Os01g37000.1
DG _{PP}	Os013775_01	S4	-2.459	168.634	926.899	LOC_Os01g48930.1
DG _{PP}	Os045359_01	S4	-2.546	406.518	2373.585	LOC_Os06g09250.1
DG _{PP}	Os018960_01	S4	-1.931	9232.303	35196.394	LOC_Os03g52840.1
DG _{PP}	Os044617_01	S4	-3.311	1169.763	11612.922	-
DG _{PP}	Os012547_01	S4	-1.795	1809.676	6280.615	LOC_Os02g10350.1
DG _{PP}	Os052161_01	S4	-1.947	134.796	519.689	LOC_Os02g02960.4
DG _{PP}	Os013976_01	S4	-1.808	1738.882	6089.716	LOC_Os10g35370.2
DG _{PP}	Os045009_01	S4	-1.865	344.051	1252.963	-
DG _{PP}	Os020108_01	S4	-1.882	884.355	3259.514	LOC_Os01g04010.1

DG _{PP}	Os021591_01	S4	-1.829	1435.984	5103.303	LOC_Os11g20330.1
DG _{PP}	Os044255_01	S4	-1.854	1188.281	4295.967	LOC_Os11g13390.1
DG _{PP}	Os011454_01	S4	-2.036	576.579	2363.954	LOC_Os01g43080.1
DG _{PP}	Os012559_01	S4	-2.072	93.061	391.167	LOC_Os05g48770.1
DG _{PP}	Os023732_01	S4	-2.357	125.931	645.166	LOC_Os06g11090.1
DG _{PP}	Os025187_01	S4	-1.826	252.009	893.655	-
DG _{PP}	Os013262_01	S4	-2.080	1856.098	7849.707	LOC_Os06g49500.3
DG _{PP}	Os038619_01	S5	1.559	610.659	207.199	-
DG _{PP}	Os008602_01	S5	1.504	1178.847	415.633	LOC_Os05g06920.1
DG _{PP}	Os008979_01	S5	1.671	11563.834	3631.508	LOC_Os01g17170.1
DG _{PP}	Os039902_01	S5	1.629	720.363	232.930	LOC_Os08g11680.1
DG _{PP}	Os029713_01	S5	2.700	3959.518	609.413	LOC_Os07g30990.1
DG _{PP}	Os008851_01	S5	1.553	2079.491	708.646	LOC_Os01g11710.1
DG _{PP}	Os010523_01	S5	1.881	2867.996	778.882	-
DG _{PP}	Os031885_01	S5	1.579	1051.345	351.886	LOC_Os09g26760.1
DG _{PP}	Os033536_01	S5	1.768	1115.326	327.540	LOC_Os02g13050.1
DG _{PP}	Os039580_01	S5	2.988	963.911	121.479	LOC_Os02g40180.1
DG _{PP}	Os026888_01	S5	1.550	2600.821	888.184	LOC_Os08g38230.1
DG _{PP}	Os028785_01	S5	1.903	31823.651	8508.819	LOC_Os02g38450.1
DG _{PP}	Os037264_01	S5	1.617	1205.909	393.107	LOC_Os01g11620.1
DG _{PP}	Os028951_01	S5	1.693	22527.293	6968.541	LOC_Os02g06440.1
DG _{PP}	Os056918_02	S5	2.660	4233.063	669.686	LOC_Os01g13690.1
DG _{PP}	Os040944_01	S5	1.573	23655.226	7949.660	LOC_Os07g13920.1
DG _{PP}	Os009436_01	S5	1.600	25584.747	8442.100	LOC_Os01g38490.1
DG _{PP}	Os039940_01	S5	1.672	27092.945	8502.152	-
DG _{PP}	Os002369_01	S5	1.686	1057.307	328.502	-
DG _{PP}	Os003977_01	S5	1.807	9802.386	2800.923	-
DG _{PP}	Os035023_01	S5	1.943	2002.856	520.873	-
DG _{PP}	Os009892_01	S5	1.553	436.162	148.677	LOC_Os07g42640.2
DG _{PP}	Os028605_01	S5	1.805	1912.992	547.593	LOC_Os02g06380.1
DG _{PP}	Os010424_01	S5	1.658	28865.273	9149.387	LOC_Os03g15080.2

DG _{PP}	Os002486_01	S5	1.807	507.135	144.904	LOC_Os02g12480.1
DG _{PP}	Os031893_01	S5	1.629	1281.898	414.347	LOC_Os02g11130.1
DG _{PP}	Os010477_01	S5	2.502	2039.709	360.172	-
DG _{PP}	Os029607_01	S5	1.539	566.039	194.821	LOC_Os01g61700.1
DG _{PP}	Os008169_01	S5	2.014	3841.886	951.132	LOC_Os02g40240.2
DG _{PP}	Os040491_01	S5	1.886	3555.309	962.152	LOC_Os01g52910.1
DG _{PP}	Os010642_01	S5	1.530	2296.653	795.016	LOC_Os02g32570.1
DG _{PP}	Os026348_01	S5	1.928	22007.749	5784.587	LOC_Os04g51890.1
DG _{PP}	Os008450_01	S5	1.857	869.995	240.123	LOC_Os01g67980.1
DG _{PP}	Os055308_01	S5	1.674	492.113	154.174	LOC_Os07g48020.1
DG _{PP}	Os012734_01	S5	1.646	1312.138	419.365	LOC_Os07g09400.1
DG _{PP}	Os045364_01	S5	1.509	616.086	216.421	LOC_Os09g01860.1
DG _{PP}	Os024590_01	S5	1.618	563.179	183.533	LOC_Os12g40470.1
DG _{PP}	Os021841_01	S5	2.306	2577.757	521.262	LOC_Os08g36410.1
DG _{PP}	Os046160_01	S5	1.926	1117.104	293.964	LOC_Os07g32440.1
DG _{PP}	Os019353_01	S5	1.859	5556.519	1531.858	LOC_Os08g36440.1
DG _{PP}	Os052644_01	S5	1.916	969.770	256.904	LOC_Os01g37590.1
DG _{PP}	Os011116_01	S5	1.742	417.736	124.889	-
DG _{PP}	Os011816_01	S5	1.938	1091.569	284.809	-
DG _{PP}	Os019258_01	S5	2.986	1424.743	179.785	LOC_Os03g46190.2
DG _{PP}	Os023737_01	S5	2.492	1569.171	278.951	-
DG _{PP}	Os016076_01	S5	2.439	3598.953	663.617	LOC_Os03g01260.1
DG _{PP}	Os049306_01	S5	1.769	697.828	204.811	LOC_Os10g40450.1
DG _{PP}	Os015378_01	S5	1.581	449.111	150.121	LOC_Os12g39970.4
DG _{PP}	Os015725_01	S5	1.800	707.328	203.170	LOC_Os01g53820.1
DG _{PP}	Os016152_01	S5	1.544	2627.430	900.867	-
DG _{PP}	Os017277_01	S5	2.845	2303.234	320.541	LOC_Os01g66510.1
DG _{PP}	Os045577_01	S5	1.531	4853.211	1679.046	LOC_Os12g07990.1
DG _{PP}	Os050873_01	S5	1.930	3089.722	810.754	-
DG _{PP}	Os024011_01	S5	1.854	485.683	134.351	LOC_Os03g19260.1
DG _{PP}	Os024723_01	S5	1.990	845.361	212.849	LOC_Os11g05490.1

DG _{PP}	Os051568_01 S5	1.607	429.918	141.176	-
DG _{PP}	Os018970_01 S5	1.580	699.562	234.050	LOC_Os04g54564.1
DG _{PP}	Os019697_01 S5	2.049	464.688	112.278	-
DG _{PP}	Os051817_01 S5	1.712	572.739	174.839	LOC_Os03g30660.1
DG _{PP}	Os041201_01 S5	2.473	1701.576	306.409	LOC_Os03g53030.1
DG _{PP}	Os021489_01 S5	1.891	1100.187	296.598	LOC_Os09g36990.1
DG _{PP}	Os044170_01 S5	2.366	1357.091	263.324	LOC_Os01g40200.1
DG _{PP}	Os046207_01 S5	3.619	2122.687	172.784	LOC_Os02g12540.1
DG _{PP}	Os049169_01 S5	1.513	832.869	291.869	LOC_Os08g12510.1
DG _{PP}	Os051859_01 S5	1.758	361.727	106.954	-
DG _{PP}	Os023050_01 S5	1.579	538.223	180.156	LOC_Os06g02330.1
DG _{PP}	Os042383_01 S5	1.669	579.128	182.118	-
DG _{PP}	Os016057_01 S5	1.600	1287.604	424.794	LOC_Os08g43500.1
DG _{PP}	Os016404_01 S5	1.792	3552.619	1025.954	LOC_Os01g15610.1
DG _{PP}	Os013447_01 S5	2.725	1848.274	279.587	LOC_Os02g34600.1
DG _{PP}	Os017305_01 S5	3.471	2814.602	253.864	-
DG _{PP}	Os054224_01 S5	1.658	1026.834	325.417	-
DG _{PP}	Os046633_01 S5	2.188	1701.015	373.220	-
DG _{PP}	Os023923_01 S5	2.121	1209.545	278.107	LOC_Os07g18780.1
DG _{PP}	Os053751_01 S5	1.593	951.731	315.458	LOC_Os07g39810.1
DG _{PP}	Os041337_01 S5	2.201	779.691	169.551	LOC_Os04g05490.1
DG _{PP}	Os041663_01 S5	2.602	3752.584	618.270	LOC_Os01g70080.1
DG _{PP}	Os012333_01 S5	1.547	1498.088	512.795	LOC_Os02g49992.1
DG _{PP}	Os044116_01 S5	1.527	1449.076	502.749	LOC_Os04g01260.1
DG _{PP}	Os015957_01 S5	1.767	726.055	213.292	LOC_Os05g51780.1
DG _{PP}	Os018940_01 S5	2.019	1193.468	294.550	LOC_Os06g49700.2
DG _{PP}	Os022377_01 S5	1.920	3452.891	912.400	LOC_Os05g45750.1
DG _{PP}	Os013253_01 S5	1.714	2282.207	695.807	LOC_Os03g63910.1
DG _{PP}	Os047672_01 S5	1.567	685.844	231.459	LOC_Os05g09720.1
DG _{PP}	Os025338_01 S5	1.737	406.276	121.878	-
DG _{PP}	Os044300_01 S5	2.295	17689.327	3603.851	LOC_Os05g11320.1

DG _{PP}	Os044537_01	S5	1.978	853.252	216.577	LOC_Os11g34170.1
DG _{PP}	Os020969_01	S5	2.060	1611.947	386.560	LOC_Os08g08800.1
DG _{PP}	Os016527_01	S5	1.613	405.911	132.741	LOC_Os03g60220.1
DG _{PP}	Os024669_01	S5	4.056	3280.055	197.163	LOC_Os07g03170.1
DG _{PP}	Os053816_01	S5	1.594	597.469	197.907	LOC_Os08g34720.1
DG _{PP}	Os045207_01	S5	2.251	1698.676	356.975	-
DG _{PP}	Os048651_01	S5	2.694	788.649	121.910	LOC_Os10g28724.1
DG _{PP}	Os049435_01	S5	2.883	1408.459	190.897	-
DG _{PP}	Os025903_01	S5	1.599	527.527	174.110	LOC_Os03g03790.1
DG _{PP}	Os055352_01	S5	1.826	1791.366	505.096	-
DG _{PP}	Os011667_01	S5	2.252	1834.736	385.072	LOC_Os01g60430.1
DG _{PP}	Os011450_01	S5	1.547	970.847	332.256	LOC_Os01g72160.1
DG _{PP}	Os011849_01	S5	2.070	505.227	120.363	LOC_Os09g36230.1
DG _{PP}	Os022288_01	S5	1.673	1048.834	329.018	-
DG _{PP}	Os050200_01	S5	1.630	1207.389	390.170	LOC_Os07g34640.2
DG _{PP}	Os044144_01	S5	2.183	962.063	211.802	LOC_Os07g12700.1
DG _{PP}	Os045777_01	S5	1.585	1513.739	504.696	LOC_Os01g61470.1
DG _{PP}	Os049215_01	S5	2.071	1636.884	389.474	LOC_Os08g31550.1
DG _{PP}	Os050385_01	S5	1.505	663.301	233.680	-
DG _{PP}	Os024221_01	S5	2.421	1414.447	264.029	-
DG _{PP}	Os041241_01	S5	3.211	2841.481	306.785	LOC_Os01g21270.1
DG _{PP}	Os044685_01	S5	2.615	1152.282	188.145	LOC_Os11g20600.1
DG _{PP}	Os015899_01	S5	2.543	2082.621	357.229	LOC_Os12g42610.1
DG _{PP}	Os012089_01	S5	1.524	687.116	238.918	LOC_Os07g09420.1
DG _{PP}	Os045117_01	S5	2.516	3221.344	563.177	LOC_Os06g06310.1
DG _{PP}	Os046281_01	S5	1.876	2233.204	608.225	LOC_Os10g38640.1
DG _{PP}	Os023497_01	S5	2.045	721.248	174.756	-
DG _{PP}	Os054480_01	S5	2.108	789.203	183.008	LOC_Os03g07290.1
DG _{PP}	Os048614_01	S5	1.505	595.825	209.955	-
DG _{PP}	Os018804_01	S5	2.295	722.143	147.164	LOC_Os04g40520.1
DG _{PP}	Os021815_01	S5	1.805	1207.683	345.521	LOC_Os06g48200.1

DG _{PP}	Os051250_01	S5	1.832	3436.056	965.262	-
DG _{PP}	Os053101_01	S5	2.497	843.537	149.442	LOC_Os03g62210.1
DG _{PP}	Os016013_01	S5	1.527	735.587	255.327	LOC_Os06g09540.1
DG _{PP}	Os046251_01	S5	1.726	2262.939	683.834	LOC_Os11g16850.1
DG _{PP}	Os019026_01	S5	2.915	1093.322	144.999	-
DG _{PP}	Os022480_01	S5	2.234	515.808	109.643	LOC_Os01g18220.1
DG _{PP}	Os042879_01	S5	2.395	1027.260	195.269	-
DG _{PP}	Os015812_01	S5	1.881	958.309	260.206	LOC_Os03g32190.1
DG _{PP}	Os018416_01	S5	1.526	866.576	300.914	LOC_Os04g44700.1
DG _{PP}	Os021832_01	S5	1.549	1036.095	354.042	LOC_Os06g49100.1
DG _{PP}	Os050170_01	S5	1.817	570.143	161.841	-
DG _{PP}	Os043300_01	S5	1.557	444.996	151.241	LOC_Os04g02560.1
DG _{PP}	Os013480_01	S5	1.627	572.768	185.428	LOC_Os06g41410.1
DG _{PP}	Os047260_01	S5	1.825	7913.165	2232.928	LOC_Os06g34840.1
DG _{PP}	Os043763_01	S5	1.549	5775.340	1974.329	LOC_Os05g04250.1
DG _{PP}	Os045034_01	S5	2.503	999.808	176.343	LOC_Os10g28160.1
DG _{PP}	Os052201_01	S5	2.895	1619.826	217.806	LOC_Os07g46500.2
DG _{PP}	Os024919_01	S5	2.046	1718.186	416.153	-
DG _{PP}	Os051737_01	S5	2.054	2126.526	512.064	LOC_Os06g26050.1
DG _{PP}	Os043395_01	S5	1.588	1333.704	443.746	LOC_Os04g01930.1
DG _{PP}	Os014730_01	S5	1.939	873.169	227.776	LOC_Os01g59350.2
DG _{PP}	Os018640_01	S5	1.716	1748.577	532.124	LOC_Os05g31620.1
DG _{PP}	Os042866_01	S5	1.862	668.045	183.731	LOC_Os10g05820.1
DG _{PP}	Os024743_01	S5	2.231	811.396	172.835	LOC_Os01g60420.1
DG _{PP}	Os054572_01	S5	1.695	829.531	256.252	LOC_Os01g13080.1
DG _{PP}	Os054614_01	S5	1.864	1276.990	350.807	LOC_Os04g51150.1
DG _{PP}	Os014184_01	S5	1.614	306.705	100.185	LOC_Os05g44290.2
DG _{PP}	Os048073_01	S5	1.871	604.791	165.338	-
DG _{PP}	Os000918_01	S5	-2.938	219.222	1680.033	LOC_Os11g44960.1
DG _{PP}	Os031423_01	S5	-1.631	498.586	1544.321	-
DG _{PP}	Os032943_01	S5	-1.780	229.459	788.142	LOC_Os11g24180.1

DG _{PP}	Os033341_01	S5	-2.142	448.925	1982.038	LOC_Os02g34070.1
DG _{PP}	Os007109_01	S5	-1.924	243.681	924.612	LOC_Os05g25080.1
DG _{PP}	Os034125_01	S5	-1.982	351.456	1388.119	LOC_Os03g08570.1
DG _{PP}	Os034439_01	S5	-2.759	998.565	6758.654	LOC_Os03g32570.1
DG _{PP}	Os036001_01	S5	-1.943	433.824	1668.062	LOC_Os11g19070.1
DG _{PP}	Os036737_01	S5	-2.262	291.454	1397.957	LOC_Os01g18370.1
DG _{PP}	Os032700_01	S5	-2.521	343.706	1972.215	LOC_Os10g09900.1
DG _{PP}	Os034986_01	S5	-1.954	874.792	3389.930	-
DG _{PP}	Os009003_01	S5	-1.863	404.485	1470.908	LOC_Os08g09340.1
DG _{PP}	Os009784_01	S5	-2.038	251.193	1031.693	LOC_Os07g29794.1
DG _{PP}	Os028876_01	S5	-1.762	412.653	1399.247	LOC_Os07g40950.1
DG _{PP}	Os031055_01	S5	-1.562	413.560	1220.921	LOC_Os03g08230.1
DG _{PP}	Os031079_01	S5	-1.760	215.879	731.077	LOC_Os01g41230.1
DG _{PP}	Os031097_01	S5	-1.714	241.149	790.988	LOC_Os03g59620.1
DG _{PP}	Os032955_01	S5	-1.737	181.957	606.403	LOC_Os06g28490.1
DG _{PP}	Os034119_01	S5	-2.108	294.623	1270.285	LOC_Os04g08080.1
DG _{PP}	Os034475_01	S5	-1.976	1008.392	3967.039	LOC_Os08g35310.1
DG _{PP}	Os034849_01	S5	-1.884	621.741	2294.948	LOC_Os09g25010.1
DG _{PP}	Os007477_01	S5	-1.970	221.778	869.085	LOC_Os09g27230.1
DG _{PP}	Os007500_01	S5	-2.341	228.031	1155.529	LOC_Os07g41190.1
DG _{PP}	Os000282_01	S5	-1.946	562.552	2168.039	LOC_Os03g60100.1
DG _{PP}	Os002801_01	S5	-2.305	523.877	2588.921	LOC_Os02g57340.1
DG _{PP}	Os030028_01	S5	-2.218	323.428	1504.726	LOC_Os01g02710.1
DG _{PP}	Os031880_01	S5	-1.663	1507.140	4772.890	LOC_Os01g57020.1
DG _{PP}	Os032688_01	S5	-2.634	180.626	1121.058	LOC_Os07g26500.1
DG _{PP}	Os008644_01	S5	-2.178	354.733	1605.732	LOC_Os02g41520.1
DG _{PP}	Os028680_01	S5	-2.929	198.308	1510.062	LOC_Os07g06100.1
DG _{PP}	Os056934_02	S5	-1.666	440.134	1396.917	-
DG _{PP}	Os057275_02	S5	-2.168	428.356	1925.411	-
DG _{PP}	Os010446_01	S5	-1.554	433.258	1272.261	LOC_Os04g56390.1
DG _{PP}	Os008990_01	S5	-1.552	325.259	954.064	LOC_Os01g32660.1

DG _{PP}	Os010141_01	S5	-1.578	318.063	949.877	-
DG _{PP}	Os056446_01	S5	-2.755	155.003	1046.030	LOC_Os01g74160.1
DG _{PP}	Os057254_02	S5	-2.017	9476.819	38362.689	-
DG _{PP}	Os000445_01	S5	-1.684	707.109	2272.206	LOC_Os01g37910.1
DG _{PP}	Os009107_01	S5	-1.957	216.685	841.538	LOC_Os02g50130.1
DG _{PP}	Os009913_01	S5	-1.683	216.824	696.169	LOC_Os11g41990.1
DG _{PP}	Os001385_01	S5	-1.999	1189.300	4753.491	LOC_Os02g05470.1
DG _{PP}	Os030032_01	S5	-1.668	177.921	565.226	LOC_Os06g48560.1
DG _{PP}	Os009547_01	S5	-1.671	330.134	1051.139	LOC_Os01g13570.1
DG _{PP}	Os000373_01	S5	-1.651	919.931	2889.907	LOC_Os03g10700.1
DG _{PP}	Os008784_01	S5	-1.538	251.843	731.432	LOC_Os12g34874.1
DG _{PP}	Os009082_01	S5	-1.846	231.136	830.746	LOC_Os04g42430.2
DG _{PP}	Os057286_02	S5	-1.543	965.292	2812.779	LOC_Os01g43150.1
DG _{PP}	Os008994_01	S5	-1.623	217.484	669.677	LOC_Os04g32580.1
DG _{PP}	Os009787_01	S5	-2.600	448.838	2721.891	LOC_Os07g23120.1
DG _{PP}	Os057238_02	S5	-1.569	261.907	777.270	LOC_Os01g65350.1
DG _{PP}	Os008199_01	S5	-2.379	558.484	2904.364	LOC_Os11g44990.1
DG _{PP}	Os031550_01	S5	-1.812	268.232	942.119	LOC_Os04g10924.1
DG _{PP}	Os009085_01	S5	-1.600	193.366	586.058	LOC_Os10g23220.2
DG _{PP}	Os051935_01	S5	-1.784	615.053	2118.627	LOC_Os01g15270.1
DG _{PP}	Os023161_01	S5	-1.665	204.406	647.994	LOC_Os11g05820.1
DG _{PP}	Os011969_01	S5	-1.702	170.270	554.121	LOC_Os05g25400.1
DG _{PP}	Os012340_01	S5	-1.640	213.526	665.311	LOC_Os11g28184.3
DG _{PP}	Os017113_01	S5	-1.706	360.280	1175.449	LOC_Os03g63770.6
DG _{PP}	Os024190_01	S5	-1.786	366.402	1263.307	LOC_Os01g20160.1
DG _{PP}	Os054828_01	S5	-4.322	99.618	1992.921	LOC_Os01g66940.1
DG _{PP}	Os013356_01	S5	-3.348	186.933	1903.027	LOC_Os07g40974.1
DG _{PP}	Os017708_01	S5	-1.737	144.993	483.339	-
DG _{PP}	Os018515_01	S5	-1.575	534.648	1593.123	LOC_Os02g43500.2
DG _{PP}	Os050398_01	S5	-1.646	194.175	607.832	LOC_Os11g12060.1
DG _{PP}	Os011915_01	S5	-1.550	921.947	2699.366	LOC_Os05g49800.1

DG _{PP}	Os019511_01	S5	-1.922	200.379	759.567	LOC_Os06g47350.2
DG _{PP}	Os051946_01	S5	-1.638	1789.948	5570.071	LOC_Os08g39300.1
DG _{PP}	Os022442_01	S5	-1.825	253.921	899.783	-
DG _{PP}	Os014538_01	S5	-2.188	1496.592	6820.393	LOC_Os06g51220.4
DG _{PP}	Os045565_01	S5	-3.750	141.545	1903.885	LOC_Os10g09630.1
DG _{PP}	Os020633_01	S5	-1.680	195.295	625.745	LOC_Os09g30120.1
DG _{PP}	Os011651_01	S5	-1.562	195.246	576.612	LOC_Os09g13570.1
DG _{PP}	Os012781_01	S5	-1.598	576.889	1746.774	LOC_Os11g25780.1
DG _{PP}	Os021978_01	S5	-1.751	978.995	3295.495	LOC_Os02g39160.1
DG _{PP}	Os013325_01	S5	-1.667	157.597	500.545	LOC_Os08g39860.2
DG _{PP}	Os013650_01	S5	-2.162	180.492	807.942	LOC_Os02g22780.1
DG _{PP}	Os016575_01	S5	-2.278	467.455	2267.393	LOC_Os01g40630.1
DG _{PP}	Os047994_01	S5	-1.696	190.805	617.998	LOC_Os06g44690.1
DG _{PP}	Os019597_01	S5	-1.682	262.492	842.297	LOC_Os11g10520.1
DG _{PP}	Os020740_01	S5	-1.808	225.856	791.123	LOC_Os06g08530.1
DG _{PP}	Os018929_01	S5	-2.149	235.402	1044.417	LOC_Os01g09540.1
DG _{PP}	Os054448_01	S5	-1.732	237.919	790.266	LOC_Os06g48750.2
DG _{PP}	Os011412_01	S5	-1.793	118.408	410.355	LOC_Os11g37050.1
DG _{PP}	Os012563_01	S5	-1.652	836.702	2629.447	LOC_Os12g12850.2
DG _{PP}	Os019287_01	S5	-2.309	269.977	1337.977	LOC_Os01g65080.3
DG _{PP}	Os013945_01	S5	-1.593	311.487	939.757	LOC_Os03g38950.1
DG _{PP}	Os016457_01	S5	-2.065	136.996	573.208	-
DG _{PP}	Os018714_01	S5	-1.540	257.122	747.575	LOC_Os01g53020.1
DG _{PP}	Os023615_01	S5	-2.626	168.403	1039.256	-
DG _{PP}	Os024664_01	S5	-1.540	189.352	550.669	LOC_Os03g16470.3
DG _{PP}	Os054488_01	S5	-1.745	300.940	1008.823	LOC_Os06g13680.1
DG _{PP}	Os045434_01	S5	-1.808	186.307	652.264	LOC_Os05g23210.1
DG _{PP}	Os054826_01	S5	-1.702	227.116	739.046	LOC_Os01g70210.1
DG _{PP}	Os012532_01	S5	-1.808	209.946	735.185	LOC_Os07g49460.4
DG _{PP}	Os015095_01	S5	-2.528	199.667	1151.335	LOC_Os01g73450.1
DG _{PP}	Os052118_01	S5	-2.339	868.005	4392.072	LOC_Os10g18340.1

DG _{PP}	Os052465_01	S5	-1.570	193.030	573.226	-
DG _{PP}	Os011733_01	S5	-1.603	1414.719	4297.251	LOC_Os06g51029.1
DG _{PP}	Os011814_01	S5	-1.601	126.913	384.968	-
DG _{PP}	Os014192_01	S5	-1.678	419.376	1342.100	LOC_Os03g20790.1
DG _{PP}	Os022195_01	S5	-1.644	327.250	1022.747	-
DG _{PP}	Os054646_01	S5	-1.562	607.882	1794.924	LOC_Os01g73910.1
DG _{PP}	Os014269_01	S5	-1.676	504.682	1612.897	LOC_Os01g68450.1
DG _{PP}	Os054516_01	S5	-1.674	235.868	752.511	LOC_Os11g14920.1
DG _{PP}	Os013428_01	S5	-1.640	142.250	443.275	LOC_Os03g57240.1
DG _{PP}	Os016132_01	S5	-2.429	210.114	1131.380	LOC_Os04g14190.1
DG _{PP}	Os052059_01	S5	-2.518	392.187	2246.849	LOC_Os09g26420.3
DG _{PP}	Os052088_01	S5	-1.676	160.215	512.077	LOC_Os03g14630.1
DG _{PP}	Os054586_01	S5	-1.846	333.166	1197.365	LOC_Os04g57440.1
DG _{PP}	Os011626_01	S5	-1.751	204.315	687.709	LOC_Os02g15900.1
DG _{PP}	Os016309_01	S5	-1.653	543.461	1709.066	LOC_Os10g28360.1
DG _{PP}	Os018541_01	S5	-1.728	475.239	1573.826	LOC_Os06g43660.1
DG _{PP}	Os054458_01	S5	-1.610	601.530	1836.295	LOC_Os12g05050.1
DG _{PP}	Os054779_01	S5	-2.074	382.996	1612.455	LOC_Os01g13770.1
DG _{PP}	Os042013_01	S5	-1.831	5460.482	19425.622	LOC_Os08g19330.1
DG _{PP}	Os044667_01	S5	-1.543	160.170	466.808	LOC_Os06g15930.1
DG _{PP}	Os016615_01	S5	-2.752	834.222	5621.190	LOC_Os11g05050.2
DG _{PP}	Os052093_01	S5	-2.356	836.660	4282.394	LOC_Os02g38210.1
DG _{PP}	Os024798_01	S5	-1.541	224.784	654.257	LOC_Os05g48800.2
DG _{PP}	Os052893_01	S5	-1.563	189.978	561.401	LOC_Os10g10170.1
DG _{PP}	Os014364_01	S5	-3.230	574.168	5386.469	LOC_Os01g45914.1
DG _{PP}	Os014849_01	S5	-1.571	268.163	796.896	LOC_Os06g04510.1
DG _{PP}	Os054392_01	S5	-1.806	481.258	1682.254	LOC_Os04g40950.1
DG _{PP}	Os054446_01	S5	-1.715	1741.734	5717.622	LOC_Os07g01760.1
DG _{PP}	Os055529_01	S5	-1.542	590.578	1719.317	LOC_Os04g56230.1
DG _{PP}	Os011415_01	S5	-1.798	3288.462	11435.545	LOC_Os12g10604.1
DG _{PP}	Os015905_01	S5	-1.749	567.032	1905.705	LOC_Os08g44290.1

DG _{PP}	Os019607_01	S5	-1.832	172.358	613.592	LOC_Os03g53670.1
DG _{PP}	Os020137_01	S5	-1.759	318.510	1077.991	LOC_Os06g41670.1
DG _{PP}	Os055222_01	S5	-2.074	147.839	622.588	LOC_Os01g59060.1
DG _{PP}	Os012695_01	S5	-1.587	146.120	439.091	LOC_Os02g43519.1
DG _{PP}	Os016921_01	S5	-1.580	167.872	501.765	LOC_Os07g47290.1
DG _{PP}	Os041436_01	S5	-2.212	241.409	1118.636	LOC_Os11g47950.1
DG _{PP}	Os011660_01	S5	-1.850	1225.279	4417.228	LOC_Os06g45820.1
DG _{PP}	Os019825_01	S5	-1.764	480.148	1631.305	LOC_Os05g34070.1
DG _{PP}	Os054121_01	S5	-1.724	210.903	696.864	LOC_Os09g10700.1
DG _{PP}	Os018386_01	S5	-1.695	234.419	758.816	LOC_Os02g39720.7
DG _{PP}	Os016661_01	S5	-1.775	289.977	992.199	LOC_Os08g25734.1
DG _{PP}	Os017115_01	S5	-1.779	559.488	1920.215	LOC_Os12g42550.1
DG _{PP}	Os021180_01	S5	-1.593	101.370	305.752	LOC_Os01g65410.1
DG _{PP}	Os052184_01	S5	-1.580	827.691	2474.039	LOC_Os06g08080.1
DG _{PP}	Os054807_01	S5	-1.525	318.027	915.488	LOC_Os07g01870.1
DG _{PP}	Os018523_01	S5	-1.552	404.825	1187.358	LOC_Os05g01950.1
DG _{PP}	Os022240_01	S5	-2.048	939.735	3884.913	LOC_Os05g13620.1
DG _{PP}	Os052098_01	S5	-1.718	351.028	1155.031	LOC_Os06g21480.1
DG _{PP}	Os052122_01	S5	-1.784	376.713	1297.290	LOC_Os02g04160.1
DG _{PP}	Os024100_01	S5	-2.463	142.444	785.472	LOC_Os05g03750.1
DG _{PP}	Os053987_01	S5	-1.755	270.981	914.872	LOC_Os01g65190.1
DG _{PP}	Os012876_01	S5	-1.589	663.491	1995.497	LOC_Os05g50550.1
DG _{PP}	Os012910_01	S5	-2.045	340.312	1404.248	LOC_Os12g38170.1
DG _{PP}	Os021870_01	S5	-2.750	128.790	866.334	LOC_Os07g41060.1
DG _{PP}	Os024059_01	S5	-1.639	664.869	2070.387	-
DG _{PP}	Os054678_01	S5	-2.162	106.371	476.188	LOC_Os01g52214.1
DG _{PP}	Os054743_01	S5	-1.684	159.736	513.254	LOC_Os01g64970.1
DG _{PP}	Os012841_01	S5	-2.224	276.958	1293.527	LOC_Os05g16430.1
DG _{PP}	Os012870_01	S5	-1.619	258.332	793.571	LOC_Os03g03670.1
DG _{PP}	Os015303_01	S5	-2.324	256.634	1285.407	LOC_Os04g37690.1
DG _{PP}	Os048874_01	S5	-1.660	337.987	1067.787	LOC_Os05g51930.1

DG _{PP}	Os052281_01	S5	-1.525	1012.485	2914.754	LOC_Os07g46460.1
DG _{PP}	Os011512_01	S5	-1.729	261.927	868.133	LOC_Os07g41370.1
DG _{PP}	Os018397_01	S5	-2.258	142.125	679.924	LOC_Os08g04450.4
DG _{PP}	Os021391_01	S5	-1.548	688.988	2014.911	LOC_Os03g12670.2
DG _{PP}	Os052028_01	S5	-1.887	2685.366	9928.958	LOC_Os12g23200.1
DG _{PP}	Os054984_01	S5	-1.744	282.168	945.191	LOC_Os05g51450.1
DG _{PP}	Os055703_01	S5	-1.570	343.760	1020.445	LOC_Os01g31680.1
DG _{PP}	Os014285_01	S5	-2.249	467.758	2223.613	LOC_Os08g14440.2
DG _{PP}	Os016789_01	S5	-1.621	255.965	787.249	LOC_Os01g48300.4
DG _{PP}	Os017149_01	S5	-1.570	1384.372	4109.161	LOC_Os03g01030.1
DG _{PP}	Os017944_01	S5	-2.148	1843.577	8168.542	LOC_Os04g18090.1
DG _{PP}	Os019072_01	S5	-1.997	147.327	588.124	LOC_Os06g09450.7
DG _{PP}	Os020576_01	S5	-1.611	182.201	556.597	LOC_Os03g56270.2
DG _{PP}	Os051948_01	S5	-2.909	898.065	6743.778	LOC_Os11g06720.1
DG _{PP}	Os054509_01	S5	-1.571	2928.737	8701.674	LOC_Os02g47020.1
DG _{PP}	Os013426_01	S5	-2.338	376.294	1902.172	LOC_Os12g35630.1
DG _{PP}	Os013456_01	S5	-1.662	290.381	918.796	LOC_Os05g38640.1
DG _{PP}	Os054578_01	S5	-2.009	315.996	1271.839	LOC_Os02g39630.2
DG _{PP}	Os012417_01	S5	-1.722	250.357	825.813	LOC_Os04g47360.1
DG _{PP}	Os012723_01	S5	-1.971	3340.814	13100.093	LOC_Os03g03910.1
DG _{PP}	Os013145_01	S5	-1.650	339.961	1067.217	LOC_Os02g38820.1
DG _{PP}	Os018960_01	S5	-2.111	2970.030	12830.056	LOC_Os03g52840.1
DG _{PP}	Os022309_01	S5	-1.745	337.711	1132.053	LOC_Os05g10670.1
DG _{PP}	Os054450_01	S5	-1.891	492.335	1825.452	LOC_Os04g57220.3
DG _{PP}	Os044617_01	S5	-2.836	865.918	6184.661	-
DG _{PP}	Os012921_01	S5	-1.613	954.789	2920.771	LOC_Os04g56240.1
DG _{PP}	Os018138_01	S5	-1.988	157.816	625.824	LOC_Os10g36000.2
DG _{PP}	Os052121_01	S5	-1.589	545.593	1640.851	LOC_Os01g48420.1
DG _{PP}	Os052870_01	S5	-1.564	236.481	699.111	LOC_Os01g21820.1
DG _{PP}	Os054713_01	S5	-1.636	294.796	916.454	LOC_Os08g44380.2
DG _{PP}	Os012482_01	S5	-1.620	329.023	1011.480	LOC_Os07g01030.1

DG _{PP}	Os012829_01	S5	-2.753	202.432	1364.366	LOC_Os01g18630.1
DG _{PP}	Os018221_01	S5	-1.594	307.140	927.178	-
DG _{PP}	Os020108_01	S5	-1.605	408.923	1243.532	LOC_Os01g04010.1
DG _{PP}	Os055205_01	S5	-1.588	168.646	507.094	LOC_Os09g12660.2
DG _{PP}	Os053247_01	S5	-1.911	152.359	572.990	LOC_Os10g40830.1
DG _{PP}	Os054701_01	S5	-1.533	414.744	1200.039	LOC_Os10g32820.1
DG _{PP}	Os012886_01	S5	-1.693	211.137	682.501	LOC_Os03g06230.1
DG _{PP}	Os014320_01	S5	-2.119	357.867	1554.781	LOC_Os03g17570.3
DG _{PP}	Os057301_02	S6	-1.470	457.420	1267.503	LOC_Os03g04710.1
DG _{PP}	Os057284_02	S6	-1.091	485.329	1033.513	LOC_Os07g02800.3
DG _{PP}	Os057264_02	S6	1.520	774.837	270.256	LOC_Os05g42350.1
DG _{PP}	Os057245_02	S6	1.758	896.953	265.105	LOC_Os07g48010.1
DG _{PP}	Os057225_02	S6	1.325	684.290	273.076	LOC_Os11g29120.2
DG _{PP}	Os057161_02	S6	1.359	970.455	378.251	LOC_Os03g62170.1
DG _{PP}	Os056918_02	S6	3.179	2515.655	277.822	LOC_Os01g13690.1
DG _{PP}	Os055646_01	S6	1.646	492.133	157.294	LOC_Os12g29670.1
DG _{PP}	Os055644_01	S6	-1.087	455.162	966.619	LOC_Os01g61400.1
DG _{PP}	Os055629_01	S6	-1.688	242.213	780.237	LOC_Os02g02340.1
DG _{PP}	Os055340_01	S6	1.872	824.235	225.130	-
DG _{PP}	Os055319_01	S6	-1.461	173.818	478.664	LOC_Os05g29990.1
DG _{PP}	Os055146_01	S6	1.606	582.353	191.316	LOC_Os08g39500.1
DG _{PP}	Os055024_01	S6	1.399	829.270	314.357	LOC_Os04g53310.1
DG _{PP}	Os054826_01	S6	-1.646	238.611	746.794	LOC_Os01g70210.1
DG _{PP}	Os054768_01	S6	1.218	303.519	130.480	LOC_Os02g05670.1
DG _{PP}	Os054752_01	S6	1.143	1161.827	525.985	-
DG _{PP}	Os054660_01	S6	1.118	13845.788	6380.113	LOC_Os04g41560.2
DG _{PP}	Os054657_01	S6	4.169	2850.569	158.435	LOC_Os02g13870.1
DG _{PP}	Os054643_01	S6	-1.430	224.066	603.684	LOC_Os01g09320.1
DG _{PP}	Os054627_01	S6	1.718	1865.317	566.883	LOC_Os01g73940.1
DG _{PP}	Os054604_01	S6	1.109	1466.830	679.878	LOC_Os07g39350.1
DG _{PP}	Os054601_01	S6	-1.163	439.899	984.956	LOC_Os11g26910.1

DG _{PP}	Os054595_01 S6	-1.383	271.426	707.675	LOC_Os04g32950.1
DG _{PP}	Os054577_01 S6	-2.016	109.871	444.386	LOC_Os04g55920.2
DG _{PP}	Os054508_01 S6	-1.134	133.576	293.209	LOC_Os02g06700.2
DG _{PP}	Os054483_01 S6	-1.139	828.674	1824.922	LOC_Os03g50290.3
DG _{PP}	Os054267_01 S6	-1.207	515.002	1188.720	-
DG _{PP}	Os053631_01 S6	1.729	564.452	170.294	LOC_Os01g14890.1
DG _{PP}	Os053356_01 S6	-1.243	259.740	614.991	LOC_Os01g12760.1
DG _{PP}	Os052823_01 S6	1.981	3345.283	847.208	LOC_Os02g09460.1
DG _{PP}	Os052686_01 S6	1.642	909.323	291.290	LOC_Os10g26620.1
DG _{PP}	Os052672_01 S6	-1.805	136.308	476.465	LOC_Os01g62810.2
DG _{PP}	Os052644_01 S6	1.383	1273.419	488.158	LOC_Os01g37590.1
DG _{PP}	Os052637_01 S6	1.095	480.852	225.115	-
DG _{PP}	Os052420_01 S6	-1.110	384.807	830.363	LOC_Os01g05800.1
DG _{PP}	Os052213_01 S6	1.099	412.262	192.434	LOC_Os01g22900.1
DG _{PP}	Os052183_01 S6	1.277	246.018	101.552	LOC_Os01g66960.1
DG _{PP}	Os052148_01 S6	-1.321	163.722	409.175	-
DG _{PP}	Os052096_01 S6	-1.244	620.876	1471.063	LOC_Os04g46960.2
DG _{PP}	Os052084_01 S6	1.391	549.872	209.736	LOC_Os11g32650.1
DG _{PP}	Os052060_01 S6	1.229	1156.329	493.458	LOC_Os08g43580.1
DG _{PP}	Os052033_01 S6	1.320	2300.768	921.668	-
DG _{PP}	Os052010_01 S6	-1.246	931.430	2209.150	LOC_Os03g57790.1
DG _{PP}	Os051961_01 S6	-1.140	266.285	586.640	LOC_Os05g01480.1
DG _{PP}	Os051956_01 S6	1.416	8110.108	3039.112	LOC_Os07g37240.1
DG _{PP}	Os051935_01 S6	-3.089	283.153	2409.692	LOC_Os01g15270.1
DG _{PP}	Os051817_01 S6	1.459	565.195	205.601	LOC_Os03g30660.1
DG _{PP}	Os051409_01 S6	1.351	522.929	205.062	LOC_Os12g09954.1
DG _{PP}	Os051104_01 S6	1.200	854.876	372.009	-
DG _{PP}	Os050385_01 S6	1.676	678.797	212.479	-
DG _{PP}	Os050312_01 S6	1.768	3750.263	1101.093	-
DG _{PP}	Os049966_01 S6	1.125	455.308	208.732	LOC_Os04g48820.2
DG _{PP}	Os049669_01 S6	-1.142	345.986	763.369	-

DG _{PP}	Os049302_01 S6	1.399	471.261	178.752	LOC_Os11g25710.1
DG _{PP}	Os049163_01 S6	-1.160	118.221	264.099	-
DG _{PP}	Os049081_01 S6	1.145	1822.094	824.097	LOC_Os08g29360.1
DG _{PP}	Os048863_01 S6	1.110	859.262	398.202	LOC_Os08g35440.1
DG _{PP}	Os048668_01 S6	1.168	516.053	229.727	LOC_Os06g43740.1
DG _{PP}	Os047560_01 S6	1.730	1199.446	361.576	LOC_Os07g12890.1
DG _{PP}	Os047260_01 S6	1.655	9137.287	2902.040	LOC_Os06g34840.1
DG _{PP}	Os046783_01 S6	-2.163	222.162	994.794	LOC_Os01g13860.1
DG _{PP}	Os046147_01 S6	-1.095	188.407	402.450	LOC_Os03g10280.1
DG _{PP}	Os046103_01 S6	1.484	1229.712	439.595	LOC_Os05g33170.1
DG _{PP}	Os045964_01 S6	-1.754	144.436	487.065	-
DG _{PP}	Os045935_01 S6	1.915	634.745	168.347	LOC_Os08g16790.1
DG _{PP}	Os045928_01 S6	-1.189	125.665	286.470	LOC_Os08g14290.1
DG _{PP}	Os045661_01 S6	1.189	343.298	150.587	LOC_Os10g23180.1
DG _{PP}	Os045632_01 S6	1.441	1614.371	594.596	LOC_Os07g18070.1
DG _{PP}	Os045474_01 S6	-1.125	161.116	351.292	LOC_Os06g11610.1
DG _{PP}	Os045398_01 S6	-1.183	112.682	255.839	LOC_Os12g25450.1
DG _{PP}	Os045347_01 S6	-3.102	107.935	926.753	LOC_Os06g18120.1
DG _{PP}	Os045112_01 S6	2.543	1012.676	173.707	-
DG _{PP}	Os045054_01 S6	1.159	976.548	437.406	-
DG _{PP}	Os045034_01 S6	1.279	1148.318	473.285	LOC_Os10g28160.1
DG _{PP}	Os044943_01 S6	-1.312	2065.793	5129.766	LOC_Os07g47750.1
DG _{PP}	Os044585_01 S6	2.582	1065.869	177.972	LOC_Os05g14360.1
DG _{PP}	Os044500_01 S6	1.120	1098.320	505.197	LOC_Os05g02110.1
DG _{PP}	Os044300_01 S6	2.307	28043.626	5668.032	LOC_Os05g11320.1
DG _{PP}	Os044170_01 S6	2.103	1363.415	317.338	LOC_Os01g40200.1
DG _{PP}	Os043803_01 S6	1.368	393.195	152.355	LOC_Os04g20280.1
DG _{PP}	Os043797_01 S6	1.468	328.253	118.655	LOC_Os07g15130.1
DG _{PP}	Os043506_01 S6	-1.272	1560.361	3767.608	LOC_Os07g35880.1
DG _{PP}	Os043254_01 S6	2.031	1091.282	267.053	LOC_Os09g18070.1
DG _{PP}	Os043189_01 S6	1.346	1342.595	528.110	LOC_Os04g01610.1

DG _{PP}	Os042725_01 S6	1.781	498.891	145.195	LOC_Os07g35740.1
DG _{PP}	Os042603_01 S6	1.268	349.237	144.995	LOC_Os02g03170.1
DG _{PP}	Os041929_01 S6	1.110	550.863	255.225	LOC_Os06g28320.1
DG _{PP}	Os041632_01 S6	-1.564	155.659	460.310	-
DG _{PP}	Os040328_01 S6	-2.024	128.360	521.885	LOC_Os05g31400.1
DG _{PP}	Os039887_01 S6	-1.219	1101.853	2564.916	LOC_Os10g33360.1
DG _{PP}	Os039593_01 S6	1.208	524.625	227.171	-
DG _{PP}	Os038872_01 S6	1.374	573.762	221.420	LOC_Os12g12590.1
DG _{PP}	Os038871_01 S6	1.150	644.966	290.630	LOC_Os12g12590.1
DG _{PP}	Os038695_01 S6	-1.612	154.038	470.713	-
DG _{PP}	Os038619_01 S6	1.360	793.594	309.174	-
DG _{PP}	Os038408_01 S6	1.493	1689.034	600.252	LOC_Os09g25700.1
DG _{PP}	Os038128_01 S6	1.120	390.993	179.851	LOC_Os03g59990.1
DG _{PP}	Os038103_01 S6	-1.350	127.497	324.894	LOC_Os10g26670.1
DG _{PP}	Os038005_01 S6	-1.140	351.267	774.229	LOC_Os01g71970.1
DG _{PP}	Os037265_01 S6	1.305	625.095	253.037	LOC_Os04g56280.1
DG _{PP}	Os037169_01 S6	1.931	483.792	126.908	LOC_Os11g17940.1
DG _{PP}	Os036756_01 S6	-1.232	4014.107	9426.864	LOC_Os08g11970.1
DG _{PP}	Os036373_01 S6	-1.736	639.598	2129.973	LOC_Os04g03250.1
DG _{PP}	Os035154_01 S6	-1.096	522.022	1116.198	-
DG _{PP}	Os034731_01 S6	-1.145	535.747	1184.469	LOC_Os04g04670.1
DG _{PP}	Os034680_01 S6	-1.471	322.571	894.295	LOC_Os05g04914.1
DG _{PP}	Os034112_01 S6	1.154	797.302	358.294	LOC_Os02g40130.1
DG _{PP}	Os034099_01 S6	1.535	1093.272	377.348	LOC_Os03g51950.1
DG _{PP}	Os033933_01 S6	-4.447	275.948	6020.129	LOC_Os05g51460.1
DG _{PP}	Os033915_01 S6	-1.935	288.392	1102.521	LOC_Os11g45530.1
DG _{PP}	Os033072_01 S6	-1.380	134.931	351.086	LOC_Os12g29230.1
DG _{PP}	Os032897_01 S6	2.034	680.634	166.192	LOC_Os03g44850.1
DG _{PP}	Os032686_01 S6	-1.110	169.986	366.832	LOC_Os05g42250.1
DG _{PP}	Os031388_01 S6	-1.345	194.708	494.737	LOC_Os01g08350.1
DG _{PP}	Os031169_01 S6	1.360	289.951	112.950	LOC_Os10g20080.1

DG _{PP}	Os030589_01 S6	1.252	701.229	294.425	LOC_Os10g08990.1
DG _{PP}	Os030368_01 S6	-1.141	1140.309	2515.352	LOC_Os05g40310.1
DG _{PP}	Os030119_01 S6	1.800	913.096	262.276	LOC_Os02g03210.1
DG _{PP}	Os030028_01 S6	-2.638	207.732	1292.912	LOC_Os01g02710.1
DG _{PP}	Os029975_01 S6	-1.286	304.001	741.173	-
DG _{PP}	Os029928_01 S6	1.341	349.204	137.818	-
DG _{PP}	Os029843_01 S6	1.188	435.284	191.019	LOC_Os05g08650.1
DG _{PP}	Os029791_01 S6	2.169	960.327	213.560	LOC_Os02g52200.1
DG _{PP}	Os029743_01 S6	-1.114	240.442	520.417	LOC_Os02g27760.1
DG _{PP}	Os029713_01 S6	1.578	4651.137	1557.808	LOC_Os07g30990.1
DG _{PP}	Os029694_01 S6	1.546	2057.607	704.510	LOC_Os07g41580.1
DG _{PP}	Os028834_01 S6	-1.215	807.996	1876.090	LOC_Os03g27070.1
DG _{PP}	Os028680_01 S6	-3.263	147.548	1416.101	LOC_Os07g06100.1
DG _{PP}	Os028624_01 S6	-1.467	3027.486	8369.570	LOC_Os06g02010.1
DG _{PP}	Os028616_01 S6	1.132	415.162	189.434	LOC_Os11g02440.2
DG _{PP}	Os028605_01 S6	1.671	905.647	284.322	LOC_Os02g06380.1
DG _{PP}	Os028334_01 S6	-1.077	815.743	1720.455	LOC_Os02g53290.1
DG _{PP}	Os028157_01 S6	1.907	1787.603	476.647	LOC_Os10g32110.1
DG _{PP}	Os028059_01 S6	-1.222	257.112	599.708	LOC_Os04g26510.1
DG _{PP}	Os027934_01 S6	-1.172	153.762	346.580	LOC_Os06g06270.1
DG _{PP}	Os027678_01 S6	1.096	1026.500	480.143	-
DG _{PP}	Os026464_01 S6	1.225	1121.209	479.491	LOC_Os09g34100.1
DG _{PP}	Os025959_01 S6	1.518	850.488	296.977	LOC_Os12g43780.1
DG _{PP}	Os025863_01 S6	-1.096	516.435	1104.287	LOC_Os01g69290.1
DG _{PP}	Os025832_01 S6	-1.125	229.385	500.325	LOC_Os04g33240.1
DG _{PP}	Os025815_01 S6	-1.125	154.889	337.772	LOC_Os01g67410.1
DG _{PP}	Os025809_01 S6	-1.228	320.055	749.941	LOC_Os09g15230.1
DG _{PP}	Os025762_01 S6	2.365	1208.171	234.592	LOC_Os05g25260.1
DG _{PP}	Os025528_01 S6	-1.523	8361.827	24038.246	-
DG _{PP}	Os025405_01 S6	2.930	1136.781	149.203	LOC_Os10g41960.1
DG _{PP}	Os024882_01 S6	1.103	367.303	170.960	LOC_Os09g31120.1

DG _{PP}	Os024778_01 S6	-1.455	140.458	385.018	LOC_Os05g30800.1
DG _{PP}	Os024766_01 S6	1.198	382.085	166.521	LOC_Os03g64360.1
DG _{PP}	Os024723_01 S6	1.553	531.686	181.232	LOC_Os11g05490.1
DG _{PP}	Os024616_01 S6	1.293	508.347	207.485	-
DG _{PP}	Os024561_01 S6	-1.324	397.277	994.647	LOC_Os04g01740.1
DG _{PP}	Os024437_01 S6	1.170	1014.893	450.950	-
DG _{PP}	Os024270_01 S6	-1.152	298.722	663.793	LOC_Os05g36990.1
DG _{PP}	Os024095_01 S6	1.377	527.737	203.216	LOC_Os04g47900.1
DG _{PP}	Os024079_01 S6	-1.142	193.423	426.792	LOC_Os07g24230.1
DG _{PP}	Os024078_01 S6	-1.284	150.673	366.953	LOC_Os06g44250.1
DG _{PP}	Os024059_01 S6	1.170	2621.613	1165.371	-
DG _{PP}	Os023998_01 S6	1.691	664.981	205.944	LOC_Os08g42570.1
DG _{PP}	Os023983_01 S6	-1.942	248.225	953.833	LOC_Os02g58500.1
DG _{PP}	Os023589_01 S6	-2.392	229.898	1206.528	LOC_Os05g05650.1
DG _{PP}	Os023350_01 S6	1.772	3410.538	998.281	LOC_Os12g42280.1
DG _{PP}	Os023118_01 S6	-3.546	125.070	1461.105	LOC_Os07g11120.1
DG _{PP}	Os022954_01 S6	1.224	606.414	259.663	LOC_Os08g34170.1
DG _{PP}	Os022620_01 S6	-1.780	260.472	894.493	LOC_Os10g09930.1
DG _{PP}	Os022563_01 S6	-1.422	125.587	336.490	LOC_Os06g04290.1
DG _{PP}	Os022434_01 S6	1.182	961.959	424.021	LOC_Os01g67310.1
DG _{PP}	Os022309_01 S6	-1.374	377.104	977.547	LOC_Os05g10670.1
DG _{PP}	Os022291_01 S6	-1.639	611.475	1904.726	LOC_Os03g16880.1
DG _{PP}	Os022228_01 S6	1.419	1696.737	634.722	LOC_Os10g41250.1
DG _{PP}	Os022195_01 S6	-1.203	243.066	559.752	-
DG _{PP}	Os022143_01 S6	-1.151	870.729	1933.978	LOC_Os05g51590.1
DG _{PP}	Os021943_01 S6	-2.303	139.815	690.145	LOC_Os02g02000.1
DG _{PP}	Os021916_01 S6	-1.206	176.602	407.418	LOC_Os03g56950.4
DG _{PP}	Os021870_01 S6	-1.673	208.386	664.483	LOC_Os07g41060.1
DG _{PP}	Os021757_01 S6	1.817	616.787	175.002	LOC_Os09g36740.1
DG _{PP}	Os021726_01 S6	-1.531	496.722	1435.566	LOC_Os03g06080.1
DG _{PP}	Os021458_01 S6	1.370	658.099	254.563	LOC_Os07g14270.1

DG _{PP}	Os021365_01 S6	1.097	436.097	203.827	LOC_Os08g24434.1
DG _{PP}	Os021254_01 S6	-1.572	170.764	507.779	LOC_Os02g46660.1
DG _{PP}	Os021048_01 S6	-2.259	143.016	684.333	LOC_Os01g63270.1
DG _{PP}	Os020953_01 S6	-1.295	123.546	303.246	LOC_Os07g31450.1
DG _{PP}	Os020930_01 S6	-1.927	231.971	881.965	LOC_Os06g04390.1
DG _{PP}	Os020877_01 S6	-1.373	139.821	362.269	LOC_Os05g09490.2
DG _{PP}	Os020765_01 S6	-1.284	305.109	742.751	LOC_Os01g09990.1
DG _{PP}	Os020694_01 S6	-1.987	196.018	776.972	LOC_Os09g33680.1
DG _{PP}	Os020686_01 S6	-1.104	302.567	650.508	LOC_Os01g22090.1
DG _{PP}	Os020606_01 S6	-1.100	168.669	361.600	LOC_Os07g33270.1
DG _{PP}	Os020447_01 S6	1.631	794.284	256.534	LOC_Os01g32350.2
DG _{PP}	Os020398_01 S6	-1.375	224.163	581.275	LOC_Os03g54000.1
DG _{PP}	Os020392_01 S6	2.068	1207.828	288.077	LOC_Os03g15050.2
DG _{PP}	Os020367_01 S6	1.171	268.804	119.372	LOC_Os01g15630.1
DG _{PP}	Os020213_01 S6	-1.281	168.280	409.023	LOC_Os01g71980.1
DG _{PP}	Os020088_01 S6	-1.533	263.385	762.309	LOC_Os05g03120.2
DG _{PP}	Os019787_01 S6	-1.155	175.480	390.690	LOC_Os05g33100.1
DG _{PP}	Os019650_01 S6	-1.165	202.734	454.447	LOC_Os07g48200.1
DG _{PP}	Os018882_01 S6	1.465	821.902	297.647	LOC_Os03g27790.1
DG _{PP}	Os018818_01 S6	2.307	1417.543	286.456	-
DG _{PP}	Os018786_01 S6	1.617	1034.521	337.181	LOC_Os03g16670.1
DG _{PP}	Os018767_01 S6	1.449	660.787	242.064	LOC_Os04g32050.1
DG _{PP}	Os018766_01 S6	1.719	1153.051	350.216	LOC_Os04g40670.1
DG _{PP}	Os018745_01 S6	1.169	571.628	254.189	LOC_Os01g17240.1
DG _{PP}	Os018724_01 S6	1.203	2135.804	927.734	LOC_Os07g38270.1
DG _{PP}	Os018709_01 S6	-2.527	146.426	843.923	LOC_Os05g33810.1
DG _{PP}	Os018432_01 S6	-1.104	146.084	313.947	LOC_Os08g42420.5
DG _{PP}	Os018327_01 S6	-1.150	192.496	427.037	LOC_Os12g05650.1
DG _{PP}	Os018214_01 S6	-1.391	114.819	301.070	LOC_Os08g12750.2
DG _{PP}	Os018072_01 S6	-2.694	151.710	981.595	LOC_Os05g46250.1
DG _{PP}	Os018049_01 S6	-1.416	405.775	1082.823	LOC_Os03g49630.1

DG _{PP}	Os017890_01	S6	-1.261	437.417	1048.268	LOC_Os06g30750.1
DG _{PP}	Os017820_01	S6	-1.267	275.540	663.287	LOC_Os04g36062.1
DG _{PP}	Os017585_01	S6	-1.123	284.773	620.171	LOC_Os03g56790.1
DG _{PP}	Os017372_01	S6	1.361	494.575	192.521	LOC_Os11g45720.1
DG _{PP}	Os017063_01	S6	-1.242	104.792	247.870	LOC_Os02g34840.1
DG _{PP}	Os017058_01	S6	-1.350	377.466	962.362	LOC_Os05g33940.1
DG _{PP}	Os016972_01	S6	-2.157	137.904	615.133	LOC_Os12g20150.1
DG _{PP}	Os016931_01	S6	-1.271	133.517	322.115	LOC_Os11g11100.1
DG _{PP}	Os016870_01	S6	1.518	721.178	251.757	LOC_Os02g56280.1
DG _{PP}	Os016869_01	S6	1.216	2734.130	1177.047	LOC_Os01g08700.6
DG _{PP}	Os016859_01	S6	-1.239	296.773	700.395	LOC_Os05g37520.1
DG _{PP}	Os016790_01	S6	1.825	529.984	149.562	LOC_Os04g38220.1
DG _{PP}	Os016770_01	S6	2.186	984.028	216.228	LOC_Os07g30760.2
DG _{PP}	Os016758_01	S6	-1.402	176.360	466.157	LOC_Os11g32110.4
DG _{PP}	Os016458_01	S6	-1.499	361.392	1021.645	LOC_Os01g22010.3
DG _{PP}	Os016309_01	S6	-1.273	920.636	2225.571	LOC_Os10g28360.1
DG _{PP}	Os016284_01	S6	1.457	788.997	287.310	LOC_Os05g34650.1
DG _{PP}	Os016218_01	S6	-1.107	514.991	1109.134	LOC_Os03g53300.2
DG _{PP}	Os016171_01	S6	-1.407	137.108	363.492	LOC_Os12g37870.1
DG _{PP}	Os016108_01	S6	1.553	542.009	184.777	LOC_Os03g52720.1
DG _{PP}	Os016101_01	S6	1.094	560.470	262.474	LOC_Os03g29920.1
DG _{PP}	Os016029_01	S6	-1.195	233.772	535.264	LOC_Os08g06250.1
DG _{PP}	Os015845_01	S6	-1.653	128.349	403.723	LOC_Os05g03550.1
DG _{PP}	Os015744_01	S6	1.544	1561.075	535.428	LOC_Os04g54790.1
DG _{PP}	Os015273_01	S6	-1.200	193.022	443.509	LOC_Os03g10240.1
DG _{PP}	Os015156_01	S6	1.787	1022.210	296.108	LOC_Os01g08460.1
DG _{PP}	Os015044_01	S6	-1.282	187.684	456.256	LOC_Os03g55640.1
DG _{PP}	Os015012_01	S6	1.499	1097.671	388.403	LOC_Os01g10450.2
DG _{PP}	Os014862_01	S6	-1.089	135.676	288.646	LOC_Os09g12750.1
DG _{PP}	Os014801_01	S6	-1.532	164.749	476.568	LOC_Os06g40210.1
DG _{PP}	Os014740_01	S6	-1.096	1109.617	2371.947	LOC_Os07g36080.1

DG _{PP}	Os014533_01 S6	-1.207	148.987	343.906	LOC_Os07g37650.1
DG _{PP}	Os014490_01 S6	1.525	372.183	129.326	LOC_Os02g13100.1
DG _{PP}	Os014374_01 S6	2.043	999.954	242.618	LOC_Os10g26990.1
DG _{PP}	Os014301_01 S6	-1.505	625.955	1776.184	-
DG _{PP}	Os014273_01 S6	1.265	551.005	229.283	LOC_Os03g48030.1
DG _{PP}	Os014200_01 S6	-1.209	153.105	353.862	LOC_Os03g52680.1
DG _{PP}	Os013987_01 S6	-1.870	187.089	683.656	LOC_Os08g01170.1
DG _{PP}	Os013940_01 S6	-1.451	199.022	544.271	-
DG _{PP}	Os013860_01 S6	-1.139	101.118	222.731	LOC_Os10g35720.1
DG _{PP}	Os013857_01 S6	1.172	787.897	349.750	LOC_Os09g08390.1
DG _{PP}	Os013689_01 S6	-1.394	182.271	479.062	LOC_Os04g53860.1
DG _{PP}	Os013668_01 S6	-1.268	124.937	300.958	LOC_Os03g42900.1
DG _{PP}	Os013619_01 S6	1.338	439.775	173.962	-
DG _{PP}	Os013532_01 S6	2.115	1491.245	344.342	LOC_Os01g55094.2
DG _{PP}	Os013424_01 S6	-1.180	100.078	226.726	LOC_Os05g49380.2
DG _{PP}	Os013284_01 S6	-1.422	527.015	1412.009	LOC_Os09g28630.1
DG _{PP}	Os013267_01 S6	1.728	1165.930	351.850	LOC_Os02g29550.2
DG _{PP}	Os013156_01 S6	1.325	914.088	364.887	LOC_Os03g62240.1
DG _{PP}	Os012915_01 S6	1.495	593.400	210.492	LOC_Os01g61970.1
DG _{PP}	Os012329_01 S6	-2.031	404.275	1652.665	LOC_Os03g34040.1
DG _{PP}	Os012299_01 S6	-1.711	375.103	1228.373	LOC_Os09g38030.1
DG _{PP}	Os012239_01 S6	1.294	1125.851	459.286	-
DG _{PP}	Os012205_01 S6	-1.628	205.011	633.832	LOC_Os01g74650.3
DG _{PP}	Os012017_01 S6	-1.405	152.493	403.768	LOC_Os05g33520.1
DG _{PP}	Os012005_01 S6	1.283	465.087	191.079	LOC_Os03g58640.1
DG _{PP}	Os011875_01 S6	-1.247	260.959	619.460	LOC_Os04g57300.2
DG _{PP}	Os011816_01 S6	1.671	651.060	204.388	-
DG _{PP}	Os011490_01 S6	1.173	438.079	194.350	LOC_Os04g02580.1
DG _{PP}	Os011429_01 S6	-1.213	11030.225	25568.953	LOC_Os09g39500.1
DG _{PP}	Os011412_01 S6	-1.628	125.325	387.366	LOC_Os11g37050.1
DG _{PP}	Os011344_01 S6	1.812	1388.352	395.489	-

DG _{PP}	Os011207_01 S6	-1.253	108.249	258.058	LOC_Os02g16620.1
DG _{PP}	Os011090_01 S6	1.581	584.649	195.443	LOC_Os04g31140.1
DG _{PP}	Os011079_01 S6	1.274	300.241	124.111	LOC_Os04g45920.1
DG _{PP}	Os010947_01 S6	1.671	551.844	173.265	-
DG _{PP}	Os010705_01 S6	-1.427	163.855	440.441	LOC_Os12g34130.1
DG _{PP}	Os010677_01 S6	1.185	485.746	213.642	-
DG _{PP}	Os010507_01 S6	1.220	323.859	139.039	-
DG _{PP}	Os010501_01 S6	1.320	923.602	369.995	LOC_Os09g26670.1
DG _{PP}	Os010136_01 S6	2.251	1439.671	302.425	LOC_Os11g06730.1
DG _{PP}	Os010113_01 S6	-1.200	3207.295	7367.906	LOC_Os08g34210.1
DG _{PP}	Os010073_01 S6	-2.154	220.344	980.525	LOC_Os07g40986.1
DG _{PP}	Os009881_01 S6	-1.687	266.157	856.858	LOC_Os06g05180.1
DG _{PP}	Os009844_01 S6	1.213	6854.300	2957.533	LOC_Os12g08730.1
DG _{PP}	Os009787_01 S6	-2.932	440.810	3364.262	LOC_Os07g23120.1
DG _{PP}	Os009659_01 S6	1.115	611.783	282.518	LOC_Os03g62010.1
DG _{PP}	Os009604_01 S6	1.256	535.732	224.302	LOC_Os07g43810.1
DG _{PP}	Os009377_01 S6	1.311	651.497	262.607	LOC_Os12g12580.1
DG _{PP}	Os009161_01 S6	-1.078	125.837	265.639	LOC_Os08g09690.1
DG _{PP}	Os009127_01 S6	1.131	416.477	190.214	LOC_Os03g41675.1
DG _{PP}	Os009123_01 S6	-1.281	144.086	350.021	LOC_Os02g32980.1
DG _{PP}	Os009106_01 S6	-1.146	1361.735	3012.977	LOC_Os02g52770.1
DG _{PP}	Os009079_01 S6	1.203	325.228	141.279	LOC_Os02g42314.2
DG _{PP}	Os008896_01 S6	-1.473	222.007	616.086	LOC_Os04g51520.1
DG _{PP}	Os008805_01 S6	1.357	329.988	128.820	-
DG _{PP}	Os008602_01 S6	1.300	1066.366	433.111	LOC_Os05g06920.1
DG _{PP}	Os008538_01 S6	1.430	734.371	272.530	LOC_Os03g18070.1
DG _{PP}	Os008529_01 S6	-1.786	234.250	808.045	LOC_Os07g02210.2
DG _{PP}	Os008441_01 S6	1.140	754.025	342.101	LOC_Os03g49190.1
DG _{PP}	Os008192_01 S6	1.463	740.190	268.490	LOC_Os09g24620.1
DG _{PP}	Os008169_01 S6	2.790	2203.978	318.650	LOC_Os02g40240.2
DG _{PP}	Os007907_01 S6	1.169	366.132	162.804	LOC_Os09g03680.1

DG _{PP}	Os007747_01	S6	1.454	592.611	216.345	LOC_Os02g06300.1
DG _{PP}	Os006650_01	S6	1.098	284.836	133.060	LOC_Os11g06860.2
DG _{PP}	Os006592_01	S6	1.879	732.091	199.023	-
DG _{PP}	Os006587_01	S6	1.349	1294.287	507.939	-
DG _{PP}	Os004406_01	S6	1.414	1392.562	522.635	LOC_Os09g28390.1
DG _{PP}	Os004287_01	S6	1.252	270.357	113.508	LOC_Os03g28140.1
DG _{PP}	Os003424_01	S6	1.674	484.028	151.679	LOC_Os12g29550.1
DG _{PP}	Os003269_01	S6	-1.114	232.620	503.444	LOC_Os12g05200.1
DG _{PP}	Os003186_01	S6	-1.994	372.858	1485.322	LOC_Os05g46780.1
DG _{PP}	Os002911_01	S6	1.410	532.804	200.456	LOC_Os08g32130.1
DG _{PP}	Os002866_01	S6	1.525	806.925	280.316	LOC_Os03g57690.1
DG _{PP}	Os002678_01	S6	2.294	3326.571	678.329	LOC_Os05g03920.1
DG _{PP}	Os002486_01	S6	1.347	367.468	144.489	LOC_Os02g12480.1
DG _{PP}	Os002390_01	S6	1.505	2163.016	761.834	LOC_Os07g05360.1
DG _{PP}	Os002353_01	S6	-2.204	337.468	1554.653	LOC_Os03g38470.1
DG _{PP}	Os002325_01	S6	1.194	2633.235	1151.093	LOC_Os09g38750.1
DG _{PP}	Os002113_01	S6	1.361	2556.093	995.427	LOC_Os12g06780.1
DG _{PP}	Os001903_01	S6	1.546	602.550	206.285	LOC_Os01g68290.1
DG _{PP}	Os001566_01	S6	1.154	332.714	149.521	LOC_Os02g47580.1
DG _{PP}	Os000994_01	S6	-1.508	429.314	1220.749	-
DG _{PP}	Os000965_01	S6	1.110	986.300	456.791	LOC_Os01g73990.1
DG _{PP}	Os000875_01	S6	-1.332	161.295	406.105	LOC_Os07g46180.1
DG _{PP}	Os000754_01	S6	1.601	428.814	141.344	LOC_Os12g19304.3
DG _{PP}	Os000431_01	S6	2.405	26743.943	5047.911	LOC_Os01g68300.1
DG _{PP}	Os000375_01	S6	-1.209	1278.712	2956.818	LOC_Os02g09590.1
DG _{PP}	Os000322_01	S6	1.131	794.664	362.852	LOC_Os07g28610.2
DG _{PP}	Os000282_01	S6	-1.217	516.492	1200.853	LOC_Os03g60100.1
DG _{PP}	Os000252_01	S6	-1.158	227.187	506.898	LOC_Os02g47140.2
DG _{PP}	Os000041_01	S6	1.389	1389.785	530.749	LOC_Os10g38700.1
DG _{PP}	Os035342_01	S7	1.716	1072.365	326.414	LOC_Os12g21870.1
DG _{PP}	Os032593_01	S7	1.774	541.457	158.302	LOC_Os01g33350.1

DG _{PP}	Os034873_01	S7	3.093	1301.295	152.506	LOC_Os11g38720.1
DG _{PP}	Os008661_01	S7	1.627	542.617	175.662	LOC_Os08g02550.1
DG _{PP}	Os009368_01	S7	1.621	5441.203	1768.468	LOC_Os01g49290.1
DG _{PP}	Os010136_01	S7	2.111	1162.622	269.170	LOC_Os11g06730.1
DG _{PP}	Os009120_01	S7	2.198	6024.391	1313.047	LOC_Os08g13440.2
DG _{PP}	Os010230_01	S7	1.707	623.957	191.061	-
DG _{PP}	Os039064_01	S7	1.689	623.128	193.222	LOC_Os03g12230.1
DG _{PP}	Os000205_01	S7	1.969	907.306	231.751	LOC_Os04g42860.1
DG _{PP}	Os010928_01	S7	1.739	7502.362	2247.378	LOC_Os01g52490.1
DG _{PP}	Os028157_01	S7	1.964	1780.059	456.368	LOC_Os10g32110.1
DG _{PP}	Os031648_01	S7	2.124	875.313	200.829	LOC_Os07g01450.1
DG _{PP}	Os005879_01	S7	1.714	499.508	152.267	LOC_Os09g37610.1
DG _{PP}	Os008785_01	S7	2.077	2845.076	674.364	LOC_Os04g35300.1
DG _{PP}	Os038506_01	S7	1.974	1787.501	454.965	LOC_Os02g09150.2
DG _{PP}	Os029766_01	S7	1.615	1019.379	332.796	LOC_Os07g06400.1
DG _{PP}	Os037857_01	S7	2.602	7827.503	1289.162	LOC_Os01g42234.1
DG _{PP}	Os056838_01	S7	1.768	2495.679	732.762	LOC_Os04g41970.1
DG _{PP}	Os037412_01	S7	1.752	1404.675	416.978	LOC_Os10g20910.1
DG _{PP}	Os040886_01	S7	1.662	791.138	249.935	LOC_Os11g11430.1
DG _{PP}	Os008778_01	S7	1.687	7913.996	2457.547	LOC_Os05g31000.1
DG _{PP}	Os009912_01	S7	2.061	8621.067	2066.495	LOC_Os05g47890.1
DG _{PP}	Os040743_01	S7	2.657	900.911	142.868	LOC_Os07g05510.1
DG _{PP}	Os057099_02	S7	1.813	998.664	284.202	LOC_Os05g48290.3
DG _{PP}	Os037162_01	S7	1.710	497.853	152.219	LOC_Os04g28120.1
DG _{PP}	Os034911_01	S7	1.861	622.863	171.473	LOC_Os08g09030.1
DG _{PP}	Os008947_01	S7	3.125	5345.580	612.866	LOC_Os08g08980.1
DG _{PP}	Os010444_01	S7	2.399	641.147	121.554	-
DG _{PP}	Os027656_01	S7	1.879	5749.588	1563.154	LOC_Os10g39420.1
DG _{PP}	Os000208_01	S7	1.680	1219.405	380.437	LOC_Os02g09150.1
DG _{PP}	Os000273_01	S7	1.957	2014.882	519.033	LOC_Os04g48490.1
DG _{PP}	Os001367_01	S7	1.760	4107.665	1213.111	LOC_Os11g40590.3

DG _{PP}	Os002827_01 S7	1.887	2522.803	681.934	-
DG _{PP}	Os008617_01 S7	1.903	1060.186	283.573	LOC_Os07g33680.1
DG _{PP}	Os009036_01 S7	2.049	9837.435	2377.393	LOC_Os12g30540.1
DG _{PP}	Os040237_01 S7	1.640	1684.459	540.483	LOC_Os02g22770.1
DG _{PP}	Os029603_01 S7	1.760	918.622	271.298	LOC_Os10g25180.1
DG _{PP}	Os031586_01 S7	2.538	10161.023	1749.461	LOC_Os08g08920.1
DG _{PP}	Os030245_01 S7	1.763	389.911	114.864	LOC_Os06g16290.1
DG _{PP}	Os006619_01 S7	2.076	591.052	140.223	LOC_Os06g44310.1
DG _{PP}	Os038961_01 S7	1.993	1361.908	342.214	LOC_Os03g46560.1
DG _{PP}	Os008783_01 S7	2.343	3803.112	749.351	LOC_Os01g16890.1
DG _{PP}	Os009458_01 S7	1.881	406.489	110.352	LOC_Os08g06420.1
DG _{PP}	Os009887_01 S7	2.188	1893.730	415.685	LOC_Os03g16440.1
DG _{PP}	Os027065_01 S7	1.832	2894.410	812.996	LOC_Os02g17210.1
DG _{PP}	Os034857_01 S7	1.643	463.214	148.317	LOC_Os11g01510.3
DG _{PP}	Os000219_01 S7	1.655	784.479	249.094	LOC_Os09g36830.1
DG _{PP}	Os000242_01 S7	1.716	595.738	181.294	LOC_Os12g05040.3
DG _{PP}	Os001672_01 S7	1.619	446.038	145.243	LOC_Os03g42220.1
DG _{PP}	Os036068_01 S7	1.690	1355.299	419.956	LOC_Os12g07490.1
DG _{PP}	Os041014_01 S7	1.632	1540.480	497.029	-
DG _{PP}	Os000533_01 S7	1.879	1496.825	406.989	LOC_Os06g10760.1
DG _{PP}	Os006414_01 S7	2.618	3490.680	568.777	LOC_Os01g51020.1
DG _{PP}	Os008917_01 S7	1.990	870.728	219.129	LOC_Os05g22940.1
DG _{PP}	Os009300_01 S7	2.224	1154.110	246.999	LOC_Os07g30154.1
DG _{PP}	Os010088_01 S7	2.168	3633.581	808.317	LOC_Os03g14530.1
DG _{PP}	Os040593_01 S7	2.117	1064.994	245.438	LOC_Os01g34614.1
DG _{PP}	Os036816_01 S7	1.877	2521.419	686.222	LOC_Os07g30640.1
DG _{PP}	Os008681_01 S7	1.891	416.436	112.263	LOC_Os06g45000.2
DG _{PP}	Os009387_01 S7	2.061	1835.114	439.728	LOC_Os07g42600.1
DG _{PP}	Os010884_01 S7	2.047	1595.072	386.011	LOC_Os12g03110.1
DG _{PP}	Os009163_01 S7	1.634	882.910	284.401	LOC_Os02g05830.1
DG _{PP}	Os000442_01 S7	2.455	1080.669	197.044	LOC_Os03g01320.1

DG _{PP}	Os031758_01 S7	1.861	1142.560	314.450	LOC_Os04g33750.1
DG _{PP}	Os032446_01 S7	1.919	808.637	213.795	LOC_Os01g03914.2
DG _{PP}	Os032470_01 S7	2.161	535.849	119.830	LOC_Os08g04290.1
DG _{PP}	Os000365_01 S7	2.008	1585.326	394.109	LOC_Os01g05970.1
DG _{PP}	Os000743_01 S7	2.080	1398.898	330.887	LOC_Os04g42580.1
DG _{PP}	Os031259_01 S7	1.772	2364.796	692.543	LOC_Os10g35800.1
DG _{PP}	Os008399_01 S7	3.680	2857.417	222.915	LOC_Os08g40930.1
DG _{PP}	Os009134_01 S7	2.073	612.548	145.628	LOC_Os08g44770.1
DG _{PP}	Os009880_01 S7	2.404	684.549	129.357	LOC_Os05g08990.1
DG _{PP}	Os026332_01 S7	1.706	6813.919	2088.457	LOC_Os02g50110.1
DG _{PP}	Os028171_01 S7	2.326	3137.164	625.513	LOC_Os04g58220.1
DG _{PP}	Os026132_01 S7	2.474	2952.463	531.525	LOC_Os03g25350.1
DG _{PP}	Os000154_01 S7	1.905	4621.487	1234.034	LOC_Os03g04750.1
DG _{PP}	Os009299_01 S7	1.644	409.140	130.936	LOC_Os06g39260.1
DG _{PP}	Os008633_01 S7	1.767	757.999	222.670	LOC_Os04g32560.2
DG _{PP}	Os008680_01 S7	2.085	462.826	109.124	LOC_Os02g18410.1
DG _{PP}	Os009416_01 S7	1.891	731.548	197.283	LOC_Os03g27010.1
DG _{PP}	Os005908_01 S7	2.869	4786.331	655.235	LOC_Os07g45210.1
DG _{PP}	Os037041_01 S7	2.842	1423.807	198.639	-
DG _{PP}	Os036584_01 S7	1.650	2215.529	706.028	LOC_Os02g21900.1
DG _{PP}	Os010947_01 S7	1.685	1252.697	389.605	-
DG _{PP}	Os029316_01 S7	2.093	636.414	149.197	LOC_Os11g04000.1
DG _{PP}	Os017908_01 S7	2.158	4571.905	1024.270	LOC_Os03g14450.1
DG _{PP}	Os021708_01 S7	1.709	1444.173	441.758	LOC_Os07g05700.1
DG _{PP}	Os052280_01 S7	2.297	4557.333	927.089	LOC_Os03g29260.2
DG _{PP}	Os052328_01 S7	1.945	722.585	187.692	LOC_Os03g26970.1
DG _{PP}	Os024636_01 S7	1.636	4939.654	1589.548	-
DG _{PP}	Os053059_01 S7	1.666	2639.696	831.831	-
DG _{PP}	Os054478_01 S7	1.860	3803.449	1047.675	LOC_Os10g41410.2
DG _{PP}	Os054903_01 S7	1.643	573.583	183.718	LOC_Os11g30360.1
DG _{PP}	Os054921_01 S7	1.829	547.418	154.036	LOC_Os02g06650.1

DG _{PP}	Os056005_01	S7	1.717	488.521	148.565	LOC_Os01g09880.1
DG _{PP}	Os011869_01	S7	1.715	500.169	152.401	LOC_Os02g53420.1
DG _{PP}	Os012299_01	S7	2.465	4632.289	839.165	LOC_Os09g38030.1
DG _{PP}	Os020694_01	S7	1.632	455.527	146.961	LOC_Os09g33680.1
DG _{PP}	Os052004_01	S7	1.910	5881.218	1565.005	LOC_Os11g09280.2
DG _{PP}	Os024035_01	S7	2.389	7723.156	1474.810	LOC_Os10g02300.3
DG _{PP}	Os054571_01	S7	3.012	15874.791	1967.984	LOC_Os08g08960.1
DG _{PP}	Os054595_01	S7	1.810	3024.637	862.511	LOC_Os04g32950.1
DG _{PP}	Os022003_01	S7	1.772	1377.501	403.343	LOC_Os04g20220.1
DG _{PP}	Os052257_01	S7	1.712	981.985	299.781	LOC_Os03g64210.1
DG _{PP}	Os023819_01	S7	2.001	1043.889	260.716	LOC_Os08g41030.1
DG _{PP}	Os024190_01	S7	1.752	879.355	261.007	LOC_Os01g20160.1
DG _{PP}	Os054455_01	S7	1.680	3849.198	1201.467	LOC_Os08g03640.1
DG _{PP}	Os011110_01	S7	2.395	673.905	128.119	LOC_Os01g47130.1
DG _{PP}	Os017744_01	S7	1.956	3497.847	901.547	LOC_Os11g06750.1
DG _{PP}	Os018479_01	S7	1.942	893.334	232.542	LOC_Os02g55560.1
DG _{PP}	Os013238_01	S7	1.698	772.159	238.008	LOC_Os06g36700.1
DG _{PP}	Os015597_01	S7	1.709	790.653	241.782	LOC_Os07g04530.1
DG _{PP}	Os018260_01	S7	2.164	1806.795	403.146	LOC_Os06g02028.1
DG _{PP}	Os052285_01	S7	1.814	3318.931	944.012	LOC_Os03g01270.1
DG _{PP}	Os054477_01	S7	2.184	7372.988	1622.860	LOC_Os04g46200.1
DG _{PP}	Os015378_01	S7	1.927	740.356	194.664	LOC_Os12g39970.4
DG _{PP}	Os045785_01	S7	1.847	1912.493	531.552	-
DG _{PP}	Os049591_01	S7	1.639	1272.595	408.601	LOC_Os10g04500.1
DG _{PP}	Os052210_01	S7	1.996	1549.583	388.424	LOC_Os05g28280.1
DG _{PP}	Os023039_01	S7	1.631	818.326	264.207	LOC_Os07g34620.1
DG _{PP}	Os011780_01	S7	1.631	583.379	188.367	LOC_Os01g66300.1
DG _{PP}	Os023010_01	S7	1.861	1175.687	323.567	LOC_Os01g68820.1
DG _{PP}	Os050463_01	S7	1.728	750.386	226.451	-
DG _{PP}	Os023934_01	S7	1.748	515.271	153.404	LOC_Os10g30944.1
DG _{PP}	Os054482_01	S7	1.639	2068.942	664.476	LOC_Os05g49890.1

DG _{PP}	Os055618_01 S7	1.947	644.416	167.102	LOC_Os02g19420.1
DG _{PP}	Os014555_01 S7	1.777	13870.638	4047.357	LOC_Os06g51084.1
DG _{PP}	Os020093_01 S7	1.682	1109.592	345.918	LOC_Os06g37440.1
DG _{PP}	Os023085_01 S7	2.020	2729.773	673.259	LOC_Os05g34310.1
DG _{PP}	Os054387_01 S7	1.677	5089.513	1591.144	LOC_Os03g38000.1
DG _{PP}	Os052277_01 S7	1.622	2505.711	814.000	LOC_Os07g12090.1
DG _{PP}	Os052307_01 S7	2.605	23835.891	3917.146	LOC_Os03g31750.1
DG _{PP}	Os015335_01 S7	1.664	3931.652	1240.456	LOC_Os11g10050.1
DG _{PP}	Os052088_01 S7	2.116	819.660	189.071	LOC_Os03g14630.1
DG _{PP}	Os023043_01 S7	2.097	1636.869	382.548	LOC_Os05g06480.1
DG _{PP}	Os011849_01 S7	1.849	1130.670	313.852	LOC_Os09g36230.1
DG _{PP}	Os018886_01 S7	3.326	10070.764	1004.306	LOC_Os07g42490.2
DG _{PP}	Os051978_01 S7	3.883	8267.735	560.347	LOC_Os03g28330.4
DG _{PP}	Os054551_01 S7	1.740	1398.465	418.765	LOC_Os03g18220.1
DG _{PP}	Os055646_01 S7	2.346	2098.749	412.793	LOC_Os12g29670.1
DG _{PP}	Os016661_01 S7	1.995	6347.373	1591.863	LOC_Os08g25734.1
DG _{PP}	Os018162_01 S7	1.987	1738.834	438.601	LOC_Os05g34670.1
DG _{PP}	Os019688_01 S7	2.287	3695.506	756.974	LOC_Os04g02820.2
DG _{PP}	Os054789_01 S7	1.819	1180.806	334.629	LOC_Os05g50380.1
DG _{PP}	Os049499_01 S7	1.736	2114.017	634.524	LOC_Os05g27000.1
DG _{PP}	Os025211_01 S7	1.799	674.259	193.809	LOC_Os11g32100.1
DG _{PP}	Os055120_01 S7	2.056	1532.371	368.554	LOC_Os09g09950.1
DG _{PP}	Os054176_02 S7	1.774	2469.234	722.205	-
DG _{PP}	Os042866_01 S7	2.607	2037.558	334.493	LOC_Os10g05820.1
DG _{PP}	Os016442_01 S7	2.259	7831.776	1635.724	LOC_Os01g44220.6
DG _{PP}	Os054538_01 S7	1.744	17492.436	5223.507	LOC_Os05g33570.1
DG _{PP}	Os021202_01 S7	1.881	2449.307	665.076	LOC_Os01g55540.1
DG _{PP}	Os052485_01 S7	2.008	606.205	150.741	LOC_Os04g33590.1
DG _{PP}	Os034855_01 S7	-1.887	153.606	567.969	LOC_Os11g10330.1
DG _{PP}	Os026172_01 S7	-1.473	204.111	566.417	LOC_Os03g19170.1
DG _{PP}	Os000386_01 S7	-2.010	259.690	1046.275	LOC_Os06g08670.1

DG _{PP}	Os029802_01 S7	-2.342	140.735	713.735	LOC_Os08g35580.1
DG _{PP}	Os029832_01 S7	-2.690	145.930	942.020	LOC_Os11g38160.1
DG _{PP}	Os027175_01 S7	-1.787	340.751	1175.599	-
DG _{PP}	Os002138_01 S7	-1.878	432.997	1591.915	-
DG _{PP}	Os056928_02 S7	-2.227	232.888	1090.483	LOC_Os09g27030.3
DG _{PP}	Os000128_01 S7	-1.725	1285.015	4248.274	LOC_Os06g12740.1
DG _{PP}	Os039402_01 S7	-1.861	153.983	559.319	-
DG _{PP}	Os056324_01 S7	-1.974	164.488	646.390	-
DG _{PP}	Os002472_01 S7	-1.679	145.697	466.377	LOC_Os06g17570.1
DG _{PP}	Os034533_01 S7	-1.610	363.012	1107.753	LOC_Os05g12270.1
DG _{PP}	Os027379_02 S7	-1.506	396.824	1126.986	-
DG _{PP}	Os057070_02 S7	-2.633	400.921	2486.430	-
DG _{PP}	Os057245_02 S7	-1.890	199.196	738.112	LOC_Os07g48010.1
DG _{PP}	Os002390_01 S7	-1.836	1477.486	5276.541	LOC_Os07g05360.1
DG _{PP}	Os039503_01 S7	-1.762	176.634	599.004	-
DG _{PP}	Os000403_01 S7	-2.179	225.449	1021.110	LOC_Os12g08260.2
DG _{PP}	Os004406_01 S7	-2.335	272.024	1372.030	LOC_Os09g28390.1
DG _{PP}	Os056942_02 S7	-1.474	266.314	739.865	LOC_Os09g23110.1
DG _{PP}	Os035044_01 S7	-3.105	307.893	2649.186	LOC_Os05g15920.1
DG _{PP}	Os028198_01 S7	-1.559	173.430	510.931	LOC_Os03g59010.1
DG _{PP}	Os000145_01 S7	-1.745	2089.042	6999.976	LOC_Os05g28950.1
DG _{PP}	Os000151_01 S7	-1.766	168.742	574.097	LOC_Os10g41260.1
DG _{PP}	Os000169_01 S7	-1.596	700.014	2115.780	LOC_Os05g40010.1
DG _{PP}	Os001657_01 S7	-2.210	191.559	886.512	LOC_Os07g48090.1
DG _{PP}	Os008529_01 S7	-2.012	412.438	1663.889	LOC_Os07g02210.2
DG _{PP}	Os027615_01 S7	-1.756	2195.492	7418.009	LOC_Os09g17740.1
DG _{PP}	Os009054_01 S7	-1.564	139.066	411.215	LOC_Os02g49790.1
DG _{PP}	Os035987_01 S7	-1.864	114.923	418.469	LOC_Os08g44110.1
DG _{PP}	Os030085_01 S7	-2.221	163.862	763.750	LOC_Os09g38670.1
DG _{PP}	Os032727_01 S7	-2.179	427.708	1936.533	LOC_Os08g04520.1
DG _{PP}	Os033559_01 S7	-2.963	524.563	4090.591	LOC_Os09g19550.1

DG _{PP}	Os004051_01	S7	-1.591	319.594	962.622	LOC_Os06g43370.1
DG _{PP}	Os005094_01	S7	-1.859	335.015	1214.933	-
DG _{PP}	Os005136_01	S7	-2.252	102.922	490.110	LOC_Os04g31120.6
DG _{PP}	Os005478_01	S7	-2.160	438.115	1958.421	LOC_Os08g45060.1
DG _{PP}	Os009124_01	S7	-1.850	17511.060	63128.533	LOC_Os12g02310.1
DG _{PP}	Os032876_01	S7	-1.660	228.073	720.692	LOC_Os12g32160.1
DG _{PP}	Os004153_02	S7	-2.566	208.079	1231.754	-
DG _{PP}	Os002918_01	S7	-2.037	148.564	609.602	LOC_Os05g38680.1
DG _{PP}	Os000174_01	S7	-2.272	285.199	1377.014	LOC_Os04g17100.1
DG _{PP}	Os010823_01	S7	-1.496	211.327	596.068	LOC_Os01g29180.1
DG _{PP}	Os028119_01	S7	-2.658	122.611	773.971	LOC_Os09g25910.1
DG _{PP}	Os057030_02	S7	-2.266	171.559	825.043	LOC_Os07g39470.1
DG _{PP}	Os027602_01	S7	-2.888	164.756	1219.962	LOC_Os01g03380.1
DG _{PP}	Os032085_01	S7	-1.723	134.858	445.213	LOC_Os06g10980.1
DG _{PP}	Os008842_01	S7	-1.711	405.530	1327.652	LOC_Os11g39020.1
DG _{PP}	Os033148_01	S7	-2.779	173.264	1189.402	LOC_Os08g32550.1
DG _{PP}	Os010961_01	S7	-1.566	197.952	586.189	-
DG _{PP}	Os037732_01	S7	-1.505	158.107	448.665	LOC_Os01g10590.1
DG _{PP}	Os035826_01	S7	-1.961	441.956	1720.130	-
DG _{PP}	Os009986_01	S7	-2.178	493.559	2234.047	-
DG _{PP}	Os034649_01	S7	-1.724	1484.496	4905.739	LOC_Os11g47980.1
DG _{PP}	Os035077_01	S7	-1.708	367.200	1199.870	LOC_Os10g30690.1
DG _{PP}	Os009821_01	S7	-1.948	205.738	793.803	LOC_Os03g46660.1
DG _{PP}	Os001606_01	S7	-1.541	588.794	1712.922	LOC_Os06g44450.1
DG _{PP}	Os026553_01	S7	-1.731	178.422	592.385	LOC_Os06g08520.1
DG _{PP}	Os009562_01	S7	-2.343	283.426	1437.986	LOC_Os03g22270.1
DG _{PP}	Os026390_01	S7	-1.493	429.393	1209.006	LOC_Os05g25040.2
DG _{PP}	Os002150_01	S7	-1.688	1163.173	3746.676	LOC_Os03g30470.1
DG _{PP}	Os051935_01	S7	-3.877	967.786	14215.834	LOC_Os01g15270.1
DG _{PP}	Os055707_01	S7	-1.631	969.843	3004.108	LOC_Os04g47990.1
DG _{PP}	Os014891_01	S7	-1.470	242.121	670.740	LOC_Os03g01190.1

DG _{PP}	Os015668_01	S7	-1.898	376.161	1402.174	LOC_Os01g72890.2
DG _{PP}	Os016023_01	S7	-1.839	164.977	590.164	LOC_Os11g38980.4
DG _{PP}	Os020201_01	S7	-2.406	967.750	5129.359	LOC_Os01g03680.1
DG _{PP}	Os025787_01	S7	-1.969	11537.561	45165.438	LOC_Os12g04980.1
DG _{PP}	Os055308_01	S7	-2.482	419.223	2341.945	LOC_Os07g48020.1
DG _{PP}	Os015816_01	S7	-2.739	151.286	1009.824	LOC_Os12g37840.1
DG _{PP}	Os016919_01	S7	-1.959	259.870	1010.437	LOC_Os02g01590.1
DG _{PP}	Os054660_01	S7	-1.911	478.643	1799.798	LOC_Os04g41560.2
DG _{PP}	Os054431_01	S7	-1.905	1373.088	5142.146	LOC_Os12g38064.1
DG _{PP}	Os011401_01	S7	-1.792	189.045	654.832	LOC_Os10g31856.1
DG _{PP}	Os013232_01	S7	-1.532	492.533	1424.000	LOC_Os03g56280.1
DG _{PP}	Os014740_01	S7	-2.071	673.780	2831.026	LOC_Os07g36080.1
DG _{PP}	Os054419_01	S7	-1.520	1093.950	3137.910	LOC_Os01g31690.1
DG _{PP}	Os015150_01	S7	-1.786	800.549	2760.007	LOC_Os06g41010.4
DG _{PP}	Os015857_01	S7	-1.867	262.128	956.333	LOC_Os02g53970.1
DG _{PP}	Os018515_01	S7	-1.907	127.200	476.959	LOC_Os02g43500.2
DG _{PP}	Os045347_01	S7	-2.683	190.934	1225.967	LOC_Os06g18120.1
DG _{PP}	Os046493_01	S7	-1.756	167.819	566.879	LOC_Os11g39640.1
DG _{PP}	Os020036_01	S7	-2.404	122.508	648.210	LOC_Os07g38130.1
DG _{PP}	Os015702_01	S7	-2.551	168.084	985.013	LOC_Os01g03310.1
DG _{PP}	Os051981_01	S7	-1.835	1305.158	4656.545	LOC_Os11g47809.1
DG _{PP}	Os021777_01	S7	-1.700	142.608	463.445	-
DG _{PP}	Os050541_01	S7	-1.900	172.683	644.526	LOC_Os12g31390.1
DG _{PP}	Os054570_01	S7	-1.932	2017.011	7695.336	LOC_Os12g36880.1
DG _{PP}	Os020983_01	S7	-1.810	173.178	607.339	LOC_Os06g46410.1
DG _{PP}	Os021367_01	S7	-1.487	477.492	1338.689	LOC_Os01g01410.1
DG _{PP}	Os051998_01	S7	-1.549	809.017	2367.138	LOC_Os12g08770.1
DG _{PP}	Os025786_01	S7	-1.714	302.680	992.978	-
DG _{PP}	Os054518_01	S7	-1.605	547.808	1666.811	LOC_Os04g16680.1
DG _{PP}	Os011927_01	S7	-1.790	143.856	497.378	LOC_Os06g07780.1
DG _{PP}	Os013388_01	S7	-1.693	322.675	1043.068	LOC_Os01g07120.2

DG _{PP}	Os045565_01	S7	-2.538	169.472	984.039	LOC_Os10g09630.1
DG _{PP}	Os021035_01	S7	-2.986	1394.118	11041.468	-
DG _{PP}	Os052461_01	S7	-1.484	1564.790	4378.123	LOC_Os04g33110.1
DG _{PP}	Os052819_01	S7	-3.519	162.315	1860.656	-
DG _{PP}	Os054659_01	S7	-1.772	318.948	1089.381	LOC_Os01g07760.2
DG _{PP}	Os055763_01	S7	-1.983	170.854	675.226	-
DG _{PP}	Os044467_01	S7	-1.636	211.940	658.508	LOC_Os03g63310.1
DG _{PP}	Os044853_01	S7	-2.743	216.515	1449.789	LOC_Os02g13620.1
DG _{PP}	Os011598_01	S7	-1.530	178.186	514.405	LOC_Os12g42850.1
DG _{PP}	Os012781_01	S7	-3.110	140.344	1211.977	LOC_Os11g25780.1
DG _{PP}	Os054436_01	S7	-2.896	489.141	3639.737	LOC_Os09g39780.2
DG _{PP}	Os055567_01	S7	-1.942	155.814	598.519	LOC_Os07g46330.1
DG _{PP}	Os011851_01	S7	-1.597	554.291	1677.178	LOC_Os05g04630.6
DG _{PP}	Os021495_01	S7	-2.219	168.865	786.435	LOC_Os12g38640.1
DG _{PP}	Os016305_01	S7	-1.468	112.927	312.503	LOC_Os05g46460.1
DG _{PP}	Os017058_01	S7	-1.515	203.688	582.149	LOC_Os05g33940.1
DG _{PP}	Os021643_01	S7	-2.268	133.696	643.916	LOC_Os01g62610.1
DG _{PP}	Os012563_01	S7	-1.573	253.852	755.432	LOC_Os12g12850.2
DG _{PP}	Os013295_01	S7	-2.127	449.358	1962.899	-
DG _{PP}	Os013733_01	S7	-1.548	132.472	387.342	LOC_Os05g04620.1
DG _{PP}	Os019287_01	S7	-1.792	215.213	745.072	LOC_Os01g65080.3
DG _{PP}	Os020390_01	S7	-2.884	377.694	2787.367	LOC_Os03g58070.1
DG _{PP}	Os020420_01	S7	-1.475	182.032	506.048	LOC_Os06g41810.1
DG _{PP}	Os054377_01	S7	-1.954	276.054	1069.773	LOC_Os05g31140.1
DG _{PP}	Os054699_01	S7	-2.752	465.775	3137.988	-
DG _{PP}	Os011722_01	S7	-2.021	265.456	1077.294	LOC_Os03g03390.1
DG _{PP}	Os013951_01	S7	-1.585	180.043	540.053	LOC_Os03g26460.2
DG _{PP}	Os051962_01	S7	-1.926	429.622	1632.141	LOC_Os02g26700.1
DG _{PP}	Os011125_01	S7	-2.009	360.254	1450.355	LOC_Os08g40680.1
DG _{PP}	Os015666_01	S7	-1.713	1172.209	3842.047	LOC_Os03g10090.1
DG _{PP}	Os051968_01	S7	-1.801	289.607	1009.189	LOC_Os03g08500.1

DG _{PP}	Os051974_01	S7	-3.125	131.774	1149.933	LOC_Os01g03360.1
DG _{PP}	Os052361_01	S7	-1.652	166.226	522.435	LOC_Os04g43200.1
DG _{PP}	Os015784_01	S7	-1.928	241.219	917.743	LOC_Os02g06910.1
DG _{PP}	Os015790_01	S7	-1.960	626.488	2437.220	-
DG _{PP}	Os016116_01	S7	-3.336	160.642	1621.964	LOC_Os04g53450.1
DG _{PP}	Os019891_01	S7	-2.320	113.123	564.952	LOC_Os08g43334.1
DG _{PP}	Os021453_01	S7	-1.834	324.572	1157.063	LOC_Os02g12760.1
DG _{PP}	Os022154_01	S7	-1.718	131.648	433.216	LOC_Os08g42100.1
DG _{PP}	Os011973_01	S7	-2.203	145.584	670.513	LOC_Os09g25760.1
DG _{PP}	Os012756_01	S7	-1.601	989.865	3002.923	LOC_Os02g43930.1
DG _{PP}	Os013125_01	S7	-1.487	156.958	440.014	LOC_Os03g63020.3
DG _{PP}	Os014282_01	S7	-2.413	106.665	568.009	LOC_Os10g40030.8
DG _{PP}	Os054429_01	S7	-2.075	197.776	833.606	LOC_Os12g38051.1
DG _{PP}	Os053553_01	S7	-1.573	139.098	413.768	LOC_Os01g54880.1
DG _{PP}	Os046888_01	S7	-1.985	761.626	3015.609	LOC_Os03g25460.1
DG _{PP}	Os014092_01	S7	-1.543	243.671	709.902	LOC_Os11g08300.1
DG _{PP}	Os020769_01	S7	-1.959	404.228	1571.992	LOC_Os03g46060.1
DG _{PP}	Os023328_01	S7	-1.887	276.153	1021.586	LOC_Os11g18830.1
DG _{PP}	Os052906_01	S7	-1.500	191.979	543.014	LOC_Os09g21740.1
DG _{PP}	Os054745_01	S7	-1.758	862.457	2917.838	LOC_Os07g37030.1
DG _{PP}	Os011394_01	S7	-1.852	210.180	758.884	LOC_Os12g34110.1
DG _{PP}	Os013568_01	S7	-1.818	184.244	649.480	LOC_Os08g40150.2
DG _{PP}	Os024604_01	S7	-1.489	117.756	330.583	LOC_Os01g14530.1
DG _{PP}	Os051973_01	S7	-1.719	349.470	1150.307	LOC_Os01g45274.1
DG _{PP}	Os053068_01	S7	-2.182	100.813	457.490	LOC_Os07g45310.1
DG _{PP}	Os054487_01	S7	-1.535	391.678	1134.959	LOC_Os06g04020.1
DG _{PP}	Os050925_01	S7	-3.473	217.502	2414.344	LOC_Os01g61840.1
DG _{PP}	Os054634_01	S7	-1.518	528.992	1514.717	LOC_Os10g32810.1
DG _{PP}	Os014654_01	S7	-1.802	252.109	879.149	LOC_Os10g30790.2
DG _{PP}	Os016309_01	S7	-1.734	141.415	470.462	LOC_Os10g28360.1
DG _{PP}	Os048781_01	S7	-1.638	134.579	418.796	-

DG _{PP}	Os024527_01	S7	-2.083	217.706	922.243	LOC_Os03g18230.1
DG _{PP}	Os024593_01	S7	-1.468	233.396	645.688	LOC_Os05g11250.1
DG _{PP}	Os052641_01	S7	-1.610	393.075	1200.136	-
DG _{PP}	Os011415_01	S7	-1.630	1717.589	5317.170	LOC_Os12g10604.1
DG _{PP}	Os022300_01	S7	-2.181	295.846	1341.540	-
DG _{PP}	Os052111_01	S7	-2.557	305.276	1795.964	LOC_Os09g31482.3
DG _{PP}	Os054673_01	S7	-1.548	448.826	1312.729	LOC_Os03g55540.1
DG _{PP}	Os054727_01	S7	-1.572	174.678	519.191	LOC_Os01g61670.1
DG _{PP}	Os055074_01	S7	-2.010	582.430	2345.201	LOC_Os07g43770.1
DG _{PP}	Os012472_01	S7	-1.640	292.271	911.020	LOC_Os02g35190.2
DG _{PP}	Os013643_01	S7	-1.710	215.907	706.440	LOC_Os10g36550.3
DG _{PP}	Os017653_01	S7	-2.493	172.363	970.575	LOC_Os02g33330.1
DG _{PP}	Os021445_01	S7	-1.823	558.032	1974.022	LOC_Os08g06110.1
DG _{PP}	Os051250_01	S7	-2.676	192.467	1230.215	-
DG _{PP}	Os024774_01	S7	-1.583	676.454	2025.993	LOC_Os02g10390.1
DG _{PP}	Os052782_02	S7	-4.468	283.893	6281.370	-
DG _{PP}	Os016085_01	S7	-1.772	766.024	2615.428	LOC_Os09g12150.1
DG _{PP}	Os017150_01	S7	-1.516	396.178	1132.824	LOC_Os08g08190.1
DG _{PP}	Os045461_01	S7	-1.734	689.915	2295.518	LOC_Os05g48630.2
DG _{PP}	Os023903_01	S7	-2.817	143.076	1008.115	LOC_Os03g08050.3
DG _{PP}	Os054562_01	S7	-2.766	251.857	1713.545	LOC_Os01g21250.1
DG _{PP}	Os011578_01	S7	-2.322	391.761	1958.851	LOC_Os03g38730.1
DG _{PP}	Os011930_01	S7	-1.871	182.667	668.374	LOC_Os08g38460.1
DG _{PP}	Os017238_01	S7	-1.572	514.797	1530.288	LOC_Os07g01820.1
DG _{PP}	Os023619_01	S7	-1.781	355.554	1222.049	-
DG _{PP}	Os054609_01	S7	-1.828	207.360	736.038	LOC_Os08g03410.1
DG _{PP}	Os054627_01	S7	-2.826	193.034	1368.354	LOC_Os01g73940.1
DG _{PP}	Os013504_01	S7	-1.554	154.261	453.000	LOC_Os03g15020.1
DG _{PP}	Os054362_01	S7	-1.579	9415.547	28134.379	LOC_Os05g26350.1
DG _{PP}	Os053316_01	S7	-1.726	173.361	573.519	LOC_Os01g71690.1
DG _{PP}	Os012910_01	S7	-2.630	121.889	754.269	LOC_Os12g38170.1

DG _{PP}	Os013659_01	S7	-1.556	218.648	643.116	LOC_Os03g60080.1
DG _{PP}	Os015152_01	S7	-1.933	219.736	838.853	LOC_Os05g49300.1
DG _{PP}	Os017710_01	S7	-1.476	153.621	427.427	LOC_Os09g31478.2
DG _{PP}	Os019636_01	S7	-1.490	203.166	570.622	-
DG _{PP}	Os021097_01	S7	-1.829	388.306	1379.455	LOC_Os04g24140.1
DG _{PP}	Os055414_01	S7	-1.816	250.739	882.966	LOC_Os11g33120.1
DG _{PP}	Os042689_01	S7	-1.794	111.095	385.127	-
DG _{PP}	Os013222_01	S7	-1.483	181.411	507.109	LOC_Os07g01550.1
DG _{PP}	Os013619_01	S7	-1.793	359.147	1244.464	-
DG _{PP}	Os016878_01	S7	-1.560	234.280	690.912	LOC_Os02g18450.1
DG _{PP}	Os047467_01	S7	-2.484	705.619	3946.266	LOC_Os08g05160.1
DG _{PP}	Os047818_01	S7	-1.647	181.091	566.973	-
DG _{PP}	Os052293_01	S7	-1.789	212.419	734.144	LOC_Os08g36320.2
DG _{PP}	Os023508_01	S7	-2.198	237.831	1091.514	LOC_Os08g04430.1
DG _{PP}	Os054485_01	S7	-1.687	245.701	790.930	LOC_Os10g39130.1
DG _{PP}	Os054491_01	S7	-1.481	338.926	946.202	-
DG _{PP}	Os013426_01	S7	-1.467	182.131	503.542	LOC_Os12g35630.1
DG _{PP}	Os013775_01	S7	-1.549	248.288	726.655	LOC_Os01g48930.1
DG _{PP}	Os014981_01	S7	-1.563	328.788	971.210	-
DG _{PP}	Os018056_01	S7	-3.242	138.569	1310.740	LOC_Os05g15880.1
DG _{PP}	Os019942_01	S7	-1.465	182.778	504.580	LOC_Os01g73970.1
DG _{PP}	Os054578_01	S7	-2.766	414.139	2816.096	LOC_Os02g39630.2
DG _{PP}	Os054602_01	S7	-3.160	118.163	1055.918	LOC_Os08g35190.2
DG _{PP}	Os012723_01	S7	-2.101	645.951	2771.671	LOC_Os03g03910.1
DG _{PP}	Os013145_01	S7	-1.527	286.292	825.036	LOC_Os02g38820.1
DG _{PP}	Os014604_01	S7	-2.797	133.689	929.367	LOC_Os01g04710.1
DG _{PP}	Os017090_01	S7	-1.888	157.001	581.098	LOC_Os02g47150.1
DG _{PP}	Os017108_01	S7	-1.561	89.530	264.138	LOC_Os01g60110.1
DG _{PP}	Os021980_01	S7	-1.659	568.180	1794.472	LOC_Os05g03760.1
DG _{PP}	Os022309_01	S7	-1.942	191.749	736.577	LOC_Os05g10670.1
DG _{PP}	Os047586_01	S7	-1.638	149.686	465.784	LOC_Os11g24230.1

DG _{PP}	Os019241_01	S7	-1.596	162.497	491.238	LOC_Os01g09620.2
DG _{PP}	Os018245_01	S7	-1.695	169.945	550.113	LOC_Os12g36850.2
DG _{PP}	Os046577_01	S7	-2.255	1646.116	7858.466	-
DG _{PP}	Os054841_01	S7	-1.490	98.316	276.195	LOC_Os10g15240.1
DG _{PP}	Os015075_01	S7	-2.273	101.190	489.246	LOC_Os04g46670.1
DG _{PP}	Os020392_01	S7	-2.389	355.978	1864.301	LOC_Os03g15050.2
DG _{PP}	Os021497_01	S7	-1.804	262.624	916.733	LOC_Os06g40080.1
DG _{PP}	Os054725_01	S7	-1.662	426.495	1349.527	LOC_Os07g11310.1
DG _{PP}	Os014320_01	S7	-1.487	570.295	1599.001	LOC_Os03g17570.3

DG category	GeneID	Tissue	log2(L/N)	log2(L/P)	N flag	N intens	L lag	L intens	P flag	P intens	TIGR5 ID
DG _{HPU}	Os000012_01	S1	0.000	1.206	P	212.478	P	389.260	P	168.712	LOC_Os02g45180.1
DG _{HPU}	Os000070_01	S1	1.090	0.000	P	531.699	P	1131.719	P	1171.645	LOC_Os04g33750.1
DG _{HPU}	Os000102_01	S1	0.000	0.908	P	369.136	P	403.302	P	214.914	LOC_Os03g05520.1
DG _{HPU}	Os000189_01	S1	1.176	0.000	P	639.947	P	1445.913	P	1267.844	LOC_Os12g05430.1
DG _{HPU}	Os000206_02	S1	0.000	0.786	P	367.522	P	352.187	P	204.265	-
DG _{HPU}	Os000230_01	S1	0.000	0.820	P	2051.740	P	1918.516	P	1086.768	-
DG _{HPU}	Os000282_01	S1	0.000	0.788	P	5842.859	P	4795.546	P	2777.642	LOC_Os03g60100.1
DG _{HPU}	Os000365_01	S1	0.000	0.924	P	1451.266	P	1611.526	P	849.118	LOC_Os01g05970.1
DG _{HPU}	Os000411_01	S1	0.000	0.907	P	1005.735	P	1424.082	P	759.413	LOC_Os01g05970.1
DG _{HPU}	Os000618_01	S1	1.067	0.000	P	290.287	P	607.979	P	535.543	LOC_Os05g45730.1
DG _{HPU}	Os000849_01	S1	0.000	1.049	P	203.757	P	202.010	P	97.645	LOC_Os09g34850.3
DG _{HPU}	Os000941_01	S1	0.000	0.843	P	353.221	P	293.404	P	163.522	LOC_Os03g43390.2
DG _{HPU}	Os001096_01	S1	1.090	0.000	P	200.089	P	425.837	P	405.266	LOC_Os12g06670.1
DG _{HPU}	Os001104_01	S1	0.000	0.865	P	260.528	P	285.710	P	156.843	LOC_Os01g46700.1
DG _{HPU}	Os001540_01	S1	0.000	0.856	P	411.077	P	558.161	P	308.280	LOC_Os09g32532.2
DG _{HPU}	Os001842_01	S1	1.458	0.000	P	688.677	P	1892.617	P	1404.539	-
DG _{HPU}	Os001890_01	S1	1.052	0.000	P	912.295	P	1891.077	P	2030.809	LOC_Os04g47690.1
DG _{HPU}	Os001927_01	S1	-0.949	0.000	P	369.595	P	191.387	P	210.375	LOC_Os04g41640.1
DG _{HPU}	Os001934_01	S1	10.000	1.198	A	66.990	P	1443.393	P	629.167	-
DG _{HPU}	Os002390_01	S1	-1.045	0.000	P	9139.813	P	4428.212	P	5421.586	LOC_Os07g05360.1

DG _{HPU}	Os003257_01	S1	1.225	0.000	P	101.690	P	237.635	P	210.770	-
DG _{HPU}	Os003627_01	S1	0.000	1.029	P	809.352	P	1002.355	P	491.129	LOC_Os01g53070.1
DG _{HPU}	Os005094_01	S1	0.000	1.064	P	231.912	P	346.970	P	165.978	-
DG _{HPU}	Os005192_01	S1	0.000	0.851	P	374.779	P	363.463	P	201.455	-
DG _{HPU}	Os005941_01	S1	-1.211	0.000	P	6052.839	P	2615.074	P	3065.435	LOC_Os09g31300.1
DG _{HPU}	Os005953_01	S1	-1.224	0.000	P	7388.129	P	3162.921	P	3893.111	LOC_Os06g30020.1
DG _{HPU}	Os005956_01	S1	-1.280	0.000	P	4321.024	P	1778.774	P	2284.113	LOC_Os03g18710.1
DG _{HPU}	Os005967_01	S1	-0.955	0.000	P	7556.380	P	3899.198	P	5372.963	LOC_Os07g08360.1
DG _{HPU}	Os005968_01	S1	-1.112	0.000	P	2330.198	P	1077.722	P	1183.181	LOC_Os06g03750.1
DG _{HPU}	Os006571_01	S1	1.344	0.000	P	1897.148	P	4814.787	P	2969.595	LOC_Os05g01350.1
DG _{HPU}	Os007934_01	S1	-0.916	0.000	P	749.668	P	397.344	P	390.733	-
DG _{HPU}	Os008188_01	S1	0.000	0.913	P	179.118	P	217.201	P	115.311	LOC_Os08g37250.1
DG _{HPU}	Os008199_01	S1	-1.038	0.000	P	1791.806	P	872.442	P	841.524	LOC_Os11g44990.1
DG _{HPU}	Os008420_01	S1	-0.966	0.000	P	540.110	P	276.577	P	293.032	LOC_Os04g37619.1
DG _{HPU}	Os008529_01	S1	1.050	0.000	P	424.146	P	878.421	P	738.679	LOC_Os07g02210.2
DG _{HPU}	Os008704_01	S1	0.000	0.962	P	481.960	P	534.872	P	274.664	-
DG _{HPU}	Os008724_01	S1	0.000	-0.726	P	316.936	P	293.019	P	484.639	LOC_Os05g49970.2
DG _{HPU}	Os008778_01	S1	-1.063	0.000	P	8660.005	P	4145.750	P	4254.268	LOC_Os05g31000.1
DG _{HPU}	Os008799_01	S1	0.000	0.876	P	459.750	P	404.871	P	220.628	LOC_Os07g16950.5
DG _{HPU}	Os008824_01	S1	0.000	0.866	P	541.545	P	691.350	P	379.299	-
DG _{HPU}	Os009036_01	S1	-0.901	0.000	P	6155.835	P	3297.667	P	3281.993	LOC_Os12g30540.1
DG _{HPU}	Os009044_01	S1	1.444	0.000	P	296.144	P	805.906	P	475.773	-
DG _{HPU}	Os009065_01	S1	0.000	0.827	P	275.207	P	285.243	P	160.779	LOC_Os10g05680.1
DG _{HPU}	Os009088_01	S1	-1.045	0.000	P	1424.774	P	690.477	P	847.495	LOC_Os05g12400.1
DG _{HPU}	Os009688_01	S1	10.000	-0.946	A	70.486	P	9522.597	P	18351.131	LOC_Os01g55650.1
DG _{HPU}	Os009739_01	S1	0.000	0.918	P	315.321	P	579.669	P	306.756	LOC_Os01g01650.1
DG _{HPU}	Os009951_01	S1	0.000	0.810	P	342.003	P	343.553	P	195.993	LOC_Os03g06950.1
DG _{HPU}	Os009997_01	S1	1.048	1.041	P	153.771	P	317.954	P	154.570	LOC_Os12g26220.1
DG _{HPU}	Os010115_01	S1	-0.885	0.000	P	4007.438	P	2170.135	P	1902.452	LOC_Os09g36040.1
DG _{HPU}	Os010136_01	S1	-1.157	0.000	P	681.602	P	305.582	P	392.250	LOC_Os11g06730.1
DG _{HPU}	Os010157_01	S1	10.000	1.130	A	49.842	P	322.537	P	147.402	LOC_Os01g26070.1

DG _{HPU}	Os010211_01	S1	1.179	0.801	P	249.817	P	565.455	P	324.442	LOC_Os10g41800.1
DG _{HPU}	Os010232_01	S1	-1.079	0.000	P	2442.499	P	1156.511	P	1796.324	LOC_Os07g01630.1
DG _{HPU}	Os010262_01	S1	1.329	0.000	P	102.248	P	256.852	P	197.172	LOC_Os07g45790.1
DG _{HPU}	Os010785_01	S1	0.000	1.035	P	613.483	P	630.910	P	307.937	LOC_Os05g35540.1
DG _{HPU}	Os010912_01	S1	-0.952	0.000	P	710.929	P	367.574	P	429.487	LOC_Os06g23870.1
DG _{HPU}	Os010932_01	S1	0.000	0.872	P	239.752	P	258.884	P	141.437	-
DG _{HPU}	Os010947_01	S1	-0.922	0.000	P	1248.435	P	658.960	P	665.466	-
DG _{HPU}	Os011020_01	S1	-1.020	0.000	P	548.756	P	270.610	P	252.534	LOC_Os08g39090.1
DG _{HPU}	Os011327_01	S1	-0.910	-1.318	P	653.451	P	347.861	P	867.080	LOC_Os02g31030.1
DG _{HPU}	Os011362_01	S1	1.149	0.000	P	352.192	P	781.014	P	734.236	-
DG _{HPU}	Os011415_01	S1	1.348	0.000	P	1751.895	P	4460.180	P	3247.262	LOC_Os12g10604.1
DG _{HPU}	Os011527_01	S1	1.170	0.000	P	102.766	P	231.287	P	178.313	LOC_Os04g42444.1
DG _{HPU}	Os011633_01	S1	0.000	-0.700	P	526.827	P	663.158	P	1077.243	LOC_Os12g15470.2
DG _{HPU}	Os012411_01	S1	1.027	0.000	P	155.831	P	317.552	P	227.710	LOC_Os01g65250.1
DG _{HPU}	Os012627_01	S1	0.000	-0.660	P	155.604	P	192.273	P	303.892	LOC_Os06g08720.2
DG _{HPU}	Os012753_01	S1	0.000	-0.754	P	9995.127	P	7417.512	P	12507.832	-
DG _{HPU}	Os012771_01	S1	1.021	0.000	P	651.004	P	1321.400	P	1092.320	LOC_Os05g46220.1
DG _{HPU}	Os012974_01	S1	0.000	-0.880	P	205.374	P	192.031	P	353.340	LOC_Os09g31430.1
DG _{HPU}	Os013133_01	S1	-1.121	0.000	P	5656.898	P	2601.248	P	3039.598	LOC_Os03g02560.1
DG _{HPU}	Os013246_01	S1	-0.957	0.000	P	413.848	P	213.160	P	259.840	LOC_Os11g11000.2
DG _{HPU}	Os013247_01	S1	1.059	0.000	P	91.028	P	189.672	P	163.591	LOC_Os03g58720.1
DG _{HPU}	Os013495_01	S1	0.000	-0.657	P	320.273	P	208.308	P	328.513	LOC_Os08g01390.1
DG _{HPU}	Os014099_01	S1	1.066	0.000	P	115.661	P	242.084	P	149.967	LOC_Os12g07120.1
DG _{HPU}	Os014111_01	S1	1.109	0.000	P	102.639	P	221.364	P	183.277	LOC_Os03g40110.1
DG _{HPU}	Os014422_01	S1	-0.908	-0.786	P	417.096	P	222.214	P	383.154	-
DG _{HPU}	Os014458_01	S1	1.175	0.000	P	86.976	P	196.444	P	180.871	-
DG _{HPU}	Os014900_01	S1	1.096	1.172	P	552.480	P	1181.056	P	524.150	LOC_Os04g40700.3
DG _{HPU}	Os015538_01	S1	-0.897	0.000	P	329.244	P	176.778	P	186.489	LOC_Os10g09090.1
DG _{HPU}	Os015663_01	S1	1.123	0.000	P	104.193	P	226.986	P	160.262	LOC_Os11g02379.1
DG _{HPU}	Os015702_01	S1	0.000	-0.760	P	218.465	P	188.230	P	318.693	LOC_Os01g03310.1
DG _{HPU}	Os016085_01	S1	1.155	1.395	P	538.404	P	1198.685	P	455.750	LOC_Os09g12150.1

DG _{HPU}	Os016154_01	S1	1.288	0.000	P	86.404	P	210.936	P	191.191	LOC_Os12g23780.2
DG _{HPU}	Os016806_01	S1	0.000	-0.872	P	181.520	P	194.299	P	355.595	LOC_Os02g39840.1
DG _{HPU}	Os017226_01	S1	0.000	-0.712	P	160.464	P	216.175	P	354.222	LOC_Os07g30090.1
DG _{HPU}	Os017352_01	S1	1.282	1.642	P	1196.981	P	2910.788	P	932.967	-
DG _{HPU}	Os017708_01	S1	1.326	0.000	P	96.177	P	241.076	P	183.425	-
DG _{HPU}	Os017718_01	S1	1.087	0.000	P	1149.950	P	2442.862	P	2309.835	-
DG _{HPU}	Os018215_01	S1	1.875	1.189	P	131.930	P	484.052	P	212.328	LOC_Os10g10130.2
DG _{HPU}	Os018485_01	S1	-0.870	0.000	P	339.725	P	185.936	P	197.936	LOC_Os10g02350.1
DG _{HPU}	Os018489_01	S1	0.000	0.820	P	128.452	P	139.396	P	78.986	LOC_Os10g37430.1
DG _{HPU}	Os018524_01	S1	0.000	-0.683	P	963.423	P	925.394	P	1485.617	LOC_Os05g07050.1
DG _{HPU}	Os018691_01	S1	0.000	-0.747	P	217.147	P	184.546	P	309.641	LOC_Os03g08430.1
DG _{HPU}	Os018960_01	S1	-0.934	0.000	P	10755.259	P	5628.481	P	5664.740	LOC_Os03g52840.1
DG _{HPU}	Os019058_01	S1	1.026	0.000	P	667.065	P	1358.390	P	1304.745	LOC_Os06g02370.1
DG _{HPU}	Os020363_01	S1	-0.866	0.000	P	457.231	P	250.837	P	322.682	LOC_Os02g21260.1
DG _{HPU}	Os020394_01	S1	1.017	0.000	P	100.144	P	202.639	P	169.150	LOC_Os12g41200.1
DG _{HPU}	Os020797_01	S1	-0.879	0.000	P	460.712	P	250.527	P	320.937	LOC_Os04g05650.1
DG _{HPU}	Os021187_01	S1	0.000	1.285	P	520.828	P	977.596	P	401.095	LOC_Os03g49260.1
DG _{HPU}	Os021798_01	S1	0.000	0.793	P	151.599	P	198.839	P	114.759	LOC_Os11g08380.1
DG _{HPU}	Os022134_01	S1	0.000	-0.770	P	498.985	P	373.693	P	637.328	LOC_Os03g22010.1
DG _{HPU}	Os022279_01	S1	0.000	0.899	P	130.600	P	230.425	P	123.565	LOC_Os08g31850.1
DG _{HPU}	Os022367_01	S1	0.000	0.805	P	165.402	P	194.471	P	111.313	LOC_Os02g03730.1
DG _{HPU}	Os022874_01	S1	0.000	0.853	P	239.432	P	271.577	P	150.316	-
DG _{HPU}	Os023453_01	S1	0.000	0.817	P	158.265	P	163.778	P	92.978	LOC_Os03g06610.1
DG _{HPU}	Os023663_01	S1	0.000	0.881	P	411.320	P	549.951	P	298.548	LOC_Os07g18560.1
DG _{HPU}	Os023734_01	S1	10.000	-0.851	A	44.833	P	294.489	P	531.230	LOC_Os02g11870.1
DG _{HPU}	Os024073_01	S1	1.680	0.000	P	183.162	P	586.849	P	391.013	-
DG _{HPU}	Os024099_01	S1	-1.053	0.000	P	691.883	P	333.422	P	412.431	LOC_Os01g51690.1
DG _{HPU}	Os024208_01	S1	-1.349	0.000	P	1553.087	P	609.795	P	763.346	-
DG _{HPU}	Os024527_01	S1	0.000	-0.947	P	724.836	P	604.824	P	1166.408	LOC_Os03g18230.1
DG _{HPU}	Os024704_01	S1	0.000	0.833	P	325.525	P	443.020	P	248.617	-
DG _{HPU}	Os024814_01	S1	1.246	0.000	P	226.027	P	536.048	P	373.681	LOC_Os09g07150.1

DG _{HPU}	Os024906_01	S1	0.000	0.883	P	583.231	P	623.730	P	338.241	-
DG _{HPU}	Os024920_01	S1	0.000	-0.660	P	1140.147	P	754.750	P	1192.631	LOC_Os03g53340.3
DG _{HPU}	Os025209_01	S1	1.056	0.000	P	151.009	P	313.875	P	218.564	LOC_Os10g05600.1
DG _{HPU}	Os025787_01	S1	1.857	1.626	P	2666.693	P	9662.293	P	3131.332	LOC_Os12g04980.1
DG _{HPU}	Os025872_01	S1	0.000	0.982	P	129.752	P	225.501	P	114.136	LOC_Os11g01450.1
DG _{HPU}	Os026790_01	S1	-0.891	0.000	P	760.140	P	409.942	P	567.824	LOC_Os05g06120.1
DG _{HPU}	Os027175_01	S1	1.047	0.000	P	341.099	P	704.777	P	721.234	-
DG _{HPU}	Os027821_01	S1	-0.899	0.000	P	847.586	P	454.506	P	438.149	LOC_Os07g37730.1
DG _{HPU}	Os028210_01	S1	0.000	0.887	P	167.644	P	245.268	P	132.649	LOC_Os01g65810.1
DG _{HPU}	Os028450_01	S1	-1.014	-0.889	P	397.629	P	196.942	P	364.621	LOC_Os04g45350.1
DG _{HPU}	Os028543_01	S1	10.000	0.994	A	85.694	P	299.417	P	150.333	LOC_Os03g47890.1
DG _{HPU}	Os028605_01	S1	-1.127	0.000	P	1588.857	P	727.447	P	1041.329	LOC_Os02g06380.1
DG _{HPU}	Os028680_01	S1	10.000	-0.804	A	52.557	P	1073.510	P	1873.680	LOC_Os07g06100.1
DG _{HPU}	Os029050_01	S1	0.000	0.984	P	413.318	P	699.255	P	353.510	LOC_Os10g35260.1
DG _{HPU}	Os029456_01	S1	-0.897	0.000	P	1178.458	P	632.842	P	725.865	LOC_Os07g02860.1
DG _{HPU}	Os029535_01	S1	1.338	0.786	P	2932.328	P	7411.470	P	4297.451	LOC_Os06g19770.1
DG _{HPU}	Os029793_01	S1	1.220	0.000	P	286.321	P	666.851	P	424.222	LOC_Os02g57810.1
DG _{HPU}	Os029843_01	S1	-0.879	0.000	P	725.200	P	394.347	P	334.364	LOC_Os05g08650.1
DG _{HPU}	Os030442_01	S1	1.179	0.000	P	1290.820	P	2921.944	P	2332.621	LOC_Os06g10290.1
DG _{HPU}	Os030724_01	S1	0.000	-0.663	P	250.354	P	215.104	P	340.474	-
DG _{HPU}	Os030769_01	S1	1.501	10.000	P	363.358	P	1028.621	A	279.453	LOC_Os12g30690.1
DG _{HPU}	Os030865_01	S1	1.381	1.206	P	1351.743	P	3519.840	P	1526.157	LOC_Os01g16400.1
DG _{HPU}	Os031169_01	S1	-0.917	0.000	P	471.293	P	249.681	P	269.999	LOC_Os10g20080.1
DG _{HPU}	Os031292_01	S1	-0.929	0.000	P	513.849	P	269.817	P	306.771	LOC_Os12g03570.1
DG _{HPU}	Os031781_01	S1	0.000	0.903	P	3994.207	P	5355.150	P	2863.804	LOC_Os06g30530.1
DG _{HPU}	Os032194_01	S1	1.251	0.000	P	4380.533	P	10422.331	P	6127.250	LOC_Os08g43530.1
DG _{HPU}	Os032594_01	S1	10.000	1.600	A	626.669	P	473.549	P	156.178	LOC_Os01g33360.1
DG _{HPU}	Os032996_01	S1	0.000	-0.769	P	817.775	P	848.261	P	1445.884	LOC_Os04g28690.1
DG _{HPU}	Os033046_01	S1	-1.251	0.000	P	2966.876	P	1246.965	P	1581.241	LOC_Os10g35330.1
DG _{HPU}	Os033509_01	S1	0.000	0.962	P	211.546	P	332.218	P	170.597	LOC_Os07g12130.1
DG _{HPU}	Os033569_01	S1	-0.864	0.000	P	272.377	P	149.635	P	128.318	LOC_Os05g25350.1

DG _{HPU}	Os033901_01	S1	0.000	-0.715	P	1438.041	P	1095.161	P	1797.086	LOC_Os02g47490.1
DG _{HPU}	Os034073_01	S1	-0.967	0.000	P	630.457	P	322.542	P	403.433	-
DG _{HPU}	Os034649_01	S1	-1.360	0.000	P	12694.203	P	4945.043	P	6342.399	LOC_Os11g47980.1
DG _{HPU}	Os034673_01	S1	-0.942	0.000	P	690.523	P	359.322	P	362.011	LOC_Os06g02510.3
DG _{HPU}	Os035398_01	S1	-1.206	0.000	P	483.947	P	209.802	P	278.468	-
DG _{HPU}	Os036485_01	S1	0.000	-0.722	P	153.513	P	170.430	P	281.023	LOC_Os02g19450.1
DG _{HPU}	Os036907_01	S1	1.222	0.000	P	210.638	P	491.353	P	408.486	LOC_Os05g48780.1
DG _{HPU}	Os036934_01	S1	0.000	0.811	P	468.525	P	450.082	P	256.566	-
DG _{HPU}	Os037049_01	S1	1.289	1.083	P	1283.416	P	3136.077	P	1480.331	LOC_Os08g17980.1
DG _{HPU}	Os037064_01	S1	0.000	-1.024	P	706.021	P	547.577	P	1113.232	LOC_Os04g20540.1
DG _{HPU}	Os037250_01	S1	-1.033	0.000	P	1438.481	P	702.915	P	689.477	LOC_Os11g15180.1
DG _{HPU}	Os037254_01	S1	-0.877	0.000	P	404.394	P	220.267	P	340.492	LOC_Os04g27720.1
DG _{HPU}	Os037297_01	S1	-1.333	0.000	P	831.144	P	329.993	P	391.696	LOC_Os05g16570.1
DG _{HPU}	Os037305_01	S1	0.000	0.855	P	244.252	P	211.513	P	116.926	-
DG _{HPU}	Os037383_01	S1	1.038	0.000	P	490.693	P	1007.842	P	1028.662	LOC_Os07g28250.1
DG _{HPU}	Os037792_01	S1	-1.050	0.000	P	539.208	P	260.404	P	306.897	LOC_Os07g35860.1
DG _{HPU}	Os038209_01	S1	-1.358	0.000	P	882.014	P	344.037	P	411.371	LOC_Os06g51000.1
DG _{HPU}	Os038408_01	S1	-0.946	0.000	P	17510.729	P	9091.754	P	8573.117	LOC_Os09g25700.1
DG _{HPU}	Os038459_01	S1	0.000	1.196	P	234.015	P	454.917	P	198.526	LOC_Os03g30630.1
DG _{HPU}	Os038619_01	S1	-0.972	0.000	P	1224.141	P	623.947	P	660.312	-
DG _{HPU}	Os039006_01	S1	0.000	0.878	P	440.660	P	408.984	P	222.479	LOC_Os06g44790.1
DG _{HPU}	Os039244_01	S1	-0.891	0.000	P	476.279	P	256.862	P	256.507	-
DG _{HPU}	Os039379_01	S1	1.036	0.000	P	440.466	P	903.438	P	735.505	LOC_Os04g51510.1
DG _{HPU}	Os040246_01	S1	-1.174	0.000	P	1905.083	P	844.490	P	929.453	LOC_Os08g44670.1
DG _{HPU}	Os040497_01	S1	-0.923	0.000	P	939.345	P	495.398	P	617.715	LOC_Os12g41420.1
DG _{HPU}	Os040616_01	S1	-1.019	0.000	P	827.518	P	408.399	P	529.582	LOC_Os01g44330.1
DG _{HPU}	Os040966_01	S1	0.000	0.834	P	299.709	P	284.825	P	159.761	LOC_Os11g25300.1
DG _{HPU}	Os041419_01	S1	0.000	0.821	P	121.952	P	167.359	P	94.750	LOC_Os08g04680.1
DG _{HPU}	Os041507_01	S1	1.159	1.227	P	264.420	P	590.517	P	252.351	-
DG _{HPU}	Os041666_01	S1	1.344	0.000	P	97.972	P	248.638	P	210.385	-
DG _{HPU}	Os042004_01	S1	0.000	0.791	P	285.185	P	445.551	P	257.489	LOC_Os06g14640.1

DG _{HPU}	Os042294_01	S1	1.044	0.000	P	270.674	P	557.954	P	455.733	LOC_Os02g13440.1
DG _{HPU}	Os042677_01	S1	10.000	1.071	A	54.529	P	284.504	P	135.396	-
DG _{HPU}	Os042854_01	S1	0.000	-0.799	P	8504.641	P	5707.774	P	9932.865	LOC_Os04g26880.1
DG _{HPU}	Os043010_01	S1	0.000	0.876	P	380.703	P	405.885	P	221.124	LOC_Os12g33370.1
DG _{HPU}	Os043245_01	S1	1.220	0.000	P	786.325	P	1832.187	P	1384.507	LOC_Os07g29530.1
DG _{HPU}	Os043773_01	S1	-0.942	0.000	P	2830.222	P	1473.104	P	2056.323	LOC_Os08g09410.1
DG _{HPU}	Os044284_01	S1	0.000	1.020	P	215.363	P	270.794	P	133.569	LOC_Os11g30950.1
DG _{HPU}	Os044822_01	S1	0.000	1.025	P	320.422	P	378.643	P	186.066	LOC_Os08g21200.1
DG _{HPU}	Os047756_01	S1	1.129	1.223	P	229.402	P	501.732	P	214.941	LOC_Os03g05070.1
DG _{HPU}	Os048043_01	S1	1.776	1.710	P	362.266	P	1240.886	P	379.322	LOC_Os06g32674.1
DG _{HPU}	Os048165_01	S1	-1.037	0.000	P	583.531	P	284.382	P	363.845	LOC_Os04g11970.1
DG _{HPU}	Os048756_01	S1	-1.706	-0.725	P	1177.696	P	361.016	P	596.563	LOC_Os06g23780.1
DG _{HPU}	Os049257_01	S1	0.000	0.914	P	259.517	P	275.205	P	146.025	LOC_Os02g13000.1
DG _{HPU}	Os049367_01	S1	-1.027	0.000	P	406.095	P	199.267	P	203.789	LOC_Os03g40470.1
DG _{HPU}	Os050244_01	S1	0.000	0.833	P	174.860	P	192.137	P	107.885	-
DG _{HPU}	Os050919_01	S1	0.000	0.811	P	271.161	P	288.931	P	164.655	LOC_Os05g17050.1
DG _{HPU}	Os051250_01	S1	1.142	0.000	P	107.899	P	238.163	P	141.729	-
DG _{HPU}	Os051869_01	S1	-1.220	0.000	P	1714.500	P	735.906	P	944.365	LOC_Os11g45090.1
DG _{HPU}	Os051936_01	S1	0.000	1.254	P	791.964	P	865.717	P	362.984	LOC_Os10g39410.1
DG _{HPU}	Os052072_01	S1	0.000	-0.861	P	477.142	P	280.929	P	510.302	LOC_Os12g26290.2
DG _{HPU}	Os052088_01	S1	0.000	1.136	P	393.295	P	444.911	P	202.392	LOC_Os03g14630.1
DG _{HPU}	Os052240_01	S1	0.000	-0.696	P	892.529	P	668.382	P	1083.058	LOC_Os01g04050.1
DG _{HPU}	Os052305_01	S1	0.000	0.902	P	274.132	P	264.748	P	141.706	LOC_Os01g42530.1
DG _{HPU}	Os052669_01	S1	-0.954	0.000	P	373.403	P	192.693	P	287.387	LOC_Os11g37970.1
DG _{HPU}	Os052967_01	S1	1.086	0.000	P	125.950	P	267.340	P	226.819	LOC_Os04g31520.1
DG _{HPU}	Os053243_01	S1	1.075	0.000	P	202.891	P	427.455	P	444.189	LOC_Os12g20310.1
DG _{HPU}	Os053691_01	S1	-0.864	0.000	P	382.571	P	210.249	P	219.811	LOC_Os02g56320.1
DG _{HPU}	Os053902_01	S1	1.011	0.000	P	101.106	P	203.773	P	172.184	-
DG _{HPU}	Os054176_02	S1	-0.929	0.000	P	2288.193	P	1202.066	P	1154.102	-
DG _{HPU}	Os054423_01	S1	1.104	0.000	P	201.466	P	433.006	P	317.233	LOC_Os01g05970.1
DG _{HPU}	Os054602_01	S1	0.000	-0.923	P	426.748	P	478.229	P	906.778	LOC_Os08g35190.2

DG _{HPU}	Os054726_01	S1	1.756	0.000	P	182.282	P	615.607	P	394.402	LOC_Os02g13660.1		
DG _{HPU}	Os054741_01	S1	10.000	-0.787	A	70.802	P	340.229	P	586.917	-		
DG _{HPU}	Os054845_01	S1	1.132	0.000	P	195.281	P	428.081	P	270.699	-		
DG _{HPU}	Os055515_01	S1	0.000	0.829	P	295.794	P	263.103	P	148.102	-		
DG _{HPU}	Os055710_01	S1	0.000	0.908	P	941.466	P	1146.591	P	611.120	LOC_Os03g37570.1		
DG _{HPU}	Os056418_01	S1	-0.902	0.000	P	603.419	P	322.939	P	291.393	LOC_Os09g11520.1		
DG _{HPU}	Os056775_01	S1	0.000	-1.084	P	228.725	P	221.639	P	469.861	LOC_Os01g71680.1		
DG _{HPU}	Os057062_02	S1	0.000	0.948	P	323.268	P	323.830	P	167.868	LOC_Os07g43350.1		
DG _{HPU}	Os057210_02	S1	1.072	0.000	P	501.397	P	1053.768	P	753.566	-		
DG _{HPU}	GeneID	S2	log2(Ratio(L/9))		log2(Ratio(L/P))		Ti_9311.flag		Ti_9311	Ti_LYP9.flag	Ti_LYP9	Ti_PA64s.flag	Ti_PA64s
	TIGR5.id												
DG _{HPU}	Os000174_01	S2	0.885	0.000	P	451.373	P	833.416	P	883.079	LOC_Os04g17100.1		
DG _{HPU}	Os000177_01	S2	-0.842	0.000	P	772.183	P	430.896	P	427.001	LOC_Os09g38370.1		
DG _{HPU}	Os000275_01	S2	-0.810	0.000	P	344.472	P	196.547	P	170.241	-		
DG _{HPU}	Os000741_01	S2	-1.077	0.000	P	263.024	P	124.648	P	157.762	LOC_Os08g25820.2		
DG _{HPU}	Os001020_01	S2	0.000	0.903	P	185.397	P	202.279	P	108.192	LOC_Os08g44170.1		
DG _{HPU}	Os001272_01	S2	-0.796	0.000	P	262.317	P	151.045	P	147.655	-		
DG _{HPU}	Os001329_01	S2	0.774	0.000	P	291.486	P	498.386	P	435.111	-		
DG _{HPU}	Os001579_01	S2	0.941	0.000	P	1474.030	P	2829.635	P	2893.292	LOC_Os10g36170.1		
DG _{HPU}	Os001623_01	S2	0.000	0.870	P	202.292	P	189.010	P	103.403	LOC_Os02g30460.1		
DG _{HPU}	Os001674_01	S2	0.000	0.914	P	859.306	P	1069.150	P	567.349	LOC_Os03g54900.2		
DG _{HPU}	Os001738_01	S2	-0.903	0.000	P	1738.018	P	929.586	P	921.633	LOC_Os02g41860.2		
DG _{HPU}	Os001934_01	S2	10.000	-1.117	A	72.909	P	1388.822	P	3012.778	-		
DG _{HPU}	Os001942_01	S2	0.000	0.841	P	1495.448	P	1644.156	P	917.559	-		
DG _{HPU}	Os002001_01	S2	0.865	0.000	P	218.856	P	398.474	P	375.652	LOC_Os05g24580.1		
DG _{HPU}	Os002020_01	S2	0.827	0.000	P	228.058	P	404.697	P	384.225	LOC_Os02g33710.1		
DG _{HPU}	Os002113_01	S2	0.000	0.842	P	2766.611	P	2343.762	P	1307.102	LOC_Os12g06780.1		
DG _{HPU}	Os002387_01	S2	0.000	0.843	P	180.494	P	214.309	P	119.461	-		
DG _{HPU}	Os002482_01	S2	0.000	1.052	P	205.032	P	182.112	P	87.814	-		
DG _{HPU}	Os002486_01	S2	-0.847	10.000	P	351.995	P	195.627	A	78.881	LOC_Os02g12480.1		
DG _{HPU}	Os002678_01	S2	-1.316	0.000	P	9920.405	P	3984.540	P	4831.918	LOC_Os05g03920.1		

DG _{HPU}	Os002790_01	S2	0.000	0.868	P	179.048	P	235.112	P	128.796	LOC_Os01g63150.1
DG _{HPU}	Os002830_01	S2	0.733	10.000	P	192.086	P	319.200	A	161.646	LOC_Os02g18540.1
DG _{HPU}	Os003032_01	S2	-0.900	0.000	P	311.220	P	166.828	P	142.877	-
DG _{HPU}	Os003956_02	S2	-0.790	10.000	P	415.590	P	240.281	A	38.582	-
DG _{HPU}	Os004125_01	S2	0.000	-0.684	P	745.165	P	703.953	P	1130.876	LOC_Os06g03050.1
DG _{HPU}	Os004929_01	S2	-0.828	0.000	P	521.178	P	293.578	P	248.059	LOC_Os07g40150.1
DG _{HPU}	Os006051_01	S2	-0.854	0.000	P	242.051	P	133.892	P	150.950	LOC_Os07g04480.1
DG _{HPU}	Os006571_01	S2	0.000	-0.767	P	2824.017	P	1851.499	P	3151.483	LOC_Os05g01350.1
DG _{HPU}	Os008101_01	S2	0.823	0.000	P	188.851	P	334.184	P	318.734	LOC_Os01g48380.1
DG _{HPU}	Os008199_01	S2	0.000	0.949	P	945.125	P	915.135	P	474.116	LOC_Os11g44990.1
DG _{HPU}	Os008773_01	S2	0.773	0.000	P	472.699	P	807.797	P	938.789	LOC_Os02g07160.1
DG _{HPU}	Os008778_01	S2	-0.797	0.000	P	3201.480	P	1842.754	P	1611.789	LOC_Os05g31000.1
DG _{HPU}	Os008919_01	S2	-0.793	0.000	P	513.053	P	296.029	P	255.250	LOC_Os08g06360.1
DG _{HPU}	Os008978_01	S2	0.866	10.000	P	94.819	P	172.818	A	160.103	LOC_Os02g57050.1
DG _{HPU}	Os009036_01	S2	-0.793	0.000	P	6631.681	P	3826.836	P	2803.127	LOC_Os12g30540.1
DG _{HPU}	Os009088_01	S2	0.000	-0.955	P	1365.976	P	856.595	P	1660.485	LOC_Os05g12400.1
DG _{HPU}	Os009117_01	S2	1.194	0.000	P	5888.157	P	13475.150	P	10637.784	LOC_Os12g02320.1
DG _{HPU}	Os009172_01	S2	0.859	0.000	P	179.879	P	326.363	P	310.219	LOC_Os02g36940.1
DG _{HPU}	Os009260_01	S2	0.775	0.000	P	144.928	P	247.917	P	248.822	LOC_Os03g37130.1
DG _{HPU}	Os009272_01	S2	0.000	-0.858	P	395.475	P	324.349	P	587.850	LOC_Os03g29970.1
DG _{HPU}	Os009342_01	S2	1.237	1.371	P	218.365	P	514.791	P	199.008	LOC_Os08g09860.1
DG _{HPU}	Os009360_01	S2	0.758	0.000	P	1323.600	P	2238.162	P	2293.045	LOC_Os05g23740.1
DG _{HPU}	Os009747_01	S2	-0.837	-0.911	P	1532.234	P	857.959	P	1613.230	LOC_Os05g45050.1
DG _{HPU}	Os009972_01	S2	-0.814	0.000	P	593.288	P	337.430	P	354.588	-
DG _{HPU}	Os009986_01	S2	0.000	-0.673	P	318.545	P	395.633	P	630.772	-
DG _{HPU}	Os010085_01	S2	0.905	0.000	P	131.173	P	245.609	P	219.961	LOC_Os01g15979.1
DG _{HPU}	Os010179_01	S2	0.000	-0.685	P	559.020	P	485.793	P	781.110	LOC_Os09g30410.1
DG _{HPU}	Os010193_01	S2	-1.134	10.000	P	376.971	P	171.786	A	183.959	LOC_Os12g34010.1
DG _{HPU}	Os010318_01	S2	0.000	-0.825	P	842.995	P	801.643	P	1420.618	-
DG _{HPU}	Os010394_01	S2	0.000	0.975	P	576.074	P	589.789	P	300.062	-
DG _{HPU}	Os010429_01	S2	-0.812	0.000	P	1907.591	P	1086.224	P	899.962	LOC_Os06g06570.1

DG _{HPU}	Os010714_01	S2	0.000	-0.641	P	678.308	P	473.066	P	737.541	LOC_Os12g13400.1
DG _{HPU}	Os010742_01	S2	0.000	-0.629	P	427.761	P	433.646	P	670.409	LOC_Os09g29210.2
DG _{HPU}	Os010797_01	S2	0.000	0.919	P	222.822	P	230.147	P	121.718	LOC_Os04g42720.1
DG _{HPU}	Os010844_01	S2	0.747	0.000	P	1833.331	P	3077.737	P	3128.015	LOC_Os03g49310.1
DG _{HPU}	Os010953_01	S2	0.000	-0.907	P	221.235	P	146.472	P	274.622	LOC_Os09g15420.1
DG _{HPU}	Os011001_01	S2	0.000	-0.640	P	336.191	P	258.058	P	402.262	LOC_Os05g46480.4
DG _{HPU}	Os011043_01	S2	0.840	0.000	P	91.853	P	164.421	P	108.341	LOC_Os09g21770.1
DG _{HPU}	Os011134_01	S2	0.000	-0.669	P	875.896	P	915.866	P	1456.181	LOC_Os01g37000.1
DG _{HPU}	Os011239_01	S2	-0.824	0.000	P	868.972	P	491.014	P	425.172	LOC_Os05g38720.1
DG _{HPU}	Os011326_01	S2	0.851	0.000	P	362.351	P	653.757	P	641.173	LOC_Os07g37220.1
DG _{HPU}	Os011412_01	S2	0.814	0.000	P	132.126	P	232.308	P	151.056	LOC_Os11g37050.1
DG _{HPU}	Os011415_01	S2	-0.800	0.000	P	3969.325	P	2279.582	P	2934.019	LOC_Os12g10604.1
DG _{HPU}	Os011513_01	S2	0.818	0.000	P	87.849	P	154.898	P	142.315	LOC_Os09g32988.1
DG _{HPU}	Os011628_01	S2	0.000	0.889	P	343.244	P	318.479	P	171.923	LOC_Os02g45490.4
DG _{HPU}	Os011816_01	S2	-1.235	0.000	P	1012.188	P	430.078	P	562.708	-
DG _{HPU}	Os011893_01	S2	-1.078	0.000	P	390.670	P	185.030	P	180.446	LOC_Os03g08624.1
DG _{HPU}	Os011899_01	S2	-0.875	0.000	P	319.323	P	174.129	P	209.528	LOC_Os04g06770.2
DG _{HPU}	Os012218_01	S2	0.000	-0.728	P	352.383	P	257.300	P	426.216	LOC_Os02g41550.3
DG _{HPU}	Os012427_01	S2	0.000	0.836	P	354.066	P	394.551	P	220.969	LOC_Os05g25370.1
DG _{HPU}	Os012534_01	S2	-0.862	0.000	P	290.998	P	160.072	P	161.775	LOC_Os03g18900.1
DG _{HPU}	Os012584_01	S2	-1.313	0.000	P	759.338	P	305.618	P	447.861	LOC_Os02g51610.2
DG _{HPU}	Os012762_01	S2	0.753	0.000	P	118.107	P	199.107	P	228.675	LOC_Os09g39230.1
DG _{HPU}	Os012771_01	S2	-1.747	-0.967	P	4711.251	P	1403.899	P	2743.734	LOC_Os05g46220.1
DG _{HPU}	Os012800_01	S2	0.000	0.828	P	237.893	P	229.102	P	129.080	LOC_Os02g10190.1
DG _{HPU}	Os013141_01	S2	0.862	0.000	P	146.927	P	267.062	P	291.692	LOC_Os06g26340.1
DG _{HPU}	Os013149_01	S2	0.000	0.993	P	148.530	P	176.376	P	88.646	LOC_Os07g48300.1
DG _{HPU}	Os013169_01	S2	-0.933	0.000	P	6253.796	P	3274.436	P	3416.094	LOC_Os04g36720.1
DG _{HPU}	Os013183_01	S2	0.782	0.000	P	108.804	P	187.040	P	187.936	LOC_Os02g34470.3
DG _{HPU}	Os013225_01	S2	-0.920	0.000	P	1303.491	P	689.037	P	631.158	LOC_Os06g12110.1
DG _{HPU}	Os013394_01	S2	0.000	-0.766	P	436.572	P	385.952	P	656.310	LOC_Os01g13540.1
DG _{HPU}	Os013502_01	S2	0.000	0.865	P	266.082	P	346.335	P	190.166	LOC_Os04g22900.3

DG _{HPU}	Os013530_01	S2	0.000	0.835	P	447.555	P	420.287	P	235.549	LOC_Os08g30060.2
DG _{HPU}	Os013670_01	S2	-0.957	10.000	P	297.279	P	153.085	A	69.694	LOC_Os07g42770.1
DG _{HPU}	Os013978_01	S2	0.774	0.000	P	140.435	P	240.076	P	240.521	LOC_Os12g13460.1
DG _{HPU}	Os014092_01	S2	0.771	0.000	P	159.269	P	271.700	P	252.689	LOC_Os11g08300.1
DG _{HPU}	Os014257_01	S2	0.847	0.000	P	105.586	P	189.930	P	153.031	LOC_Os09g19820.1
DG _{HPU}	Os014284_01	S2	0.000	0.826	P	299.003	P	353.541	P	199.452	LOC_Os05g33820.1
DG _{HPU}	Os014335_01	S2	0.781	0.000	P	111.152	P	190.997	P	176.163	LOC_Os02g31150.1
DG _{HPU}	Os014364_01	S2	1.023	1.503	P	636.832	P	1294.243	P	456.492	LOC_Os01g45914.1
DG _{HPU}	Os014409_01	S2	0.000	-0.816	P	2305.349	P	2474.252	P	4355.149	LOC_Os08g35939.1
DG _{HPU}	Os014456_01	S2	0.874	0.000	P	106.697	P	195.493	P	187.563	LOC_Os01g64650.3
DG _{HPU}	Os014877_01	S2	0.000	-0.662	P	304.901	P	192.492	P	304.621	LOC_Os05g02750.1
DG _{HPU}	Os015010_01	S2	-0.879	0.000	P	306.792	P	166.873	P	149.279	LOC_Os11g43950.1
DG _{HPU}	Os015041_01	S2	-0.895	0.000	P	525.851	P	282.834	P	371.377	LOC_Os01g51360.1
DG _{HPU}	Os015150_01	S2	0.000	0.857	P	3691.982	P	3341.447	P	1844.862	LOC_Os06g41010.4
DG _{HPU}	Os015828_01	S2	0.723	0.000	P	219.842	P	362.786	P	386.601	LOC_Os10g21110.1
DG _{HPU}	Os015914_01	S2	0.000	-0.746	P	402.027	P	283.467	P	475.373	-
DG _{HPU}	Os016311_01	S2	0.000	-0.661	P	322.849	P	304.225	P	480.880	LOC_Os03g48480.1
DG _{HPU}	Os016336_01	S2	-1.216	0.000	P	289.355	P	124.566	P	129.195	LOC_Os06g05424.1
DG _{HPU}	Os016394_01	S2	0.000	0.856	P	1133.543	P	919.106	P	507.789	LOC_Os04g42900.1
DG _{HPU}	Os016404_01	S2	-1.147	0.000	P	478.856	P	216.222	P	213.916	LOC_Os01g15610.1
DG _{HPU}	Os016457_01	S2	-1.176	0.000	P	646.029	P	285.977	P	424.054	-
DG _{HPU}	Os016458_01	S2	-0.804	0.000	P	1129.025	P	646.585	P	912.068	LOC_Os01g22010.3
DG _{HPU}	Os016689_01	S2	-0.928	10.000	P	311.379	P	163.638	A	92.485	LOC_Os08g01514.1
DG _{HPU}	Os016716_01	S2	1.214	0.000	P	1752.902	P	4067.410	P	3360.205	LOC_Os02g10120.1
DG _{HPU}	Os016831_01	S2	-0.829	0.000	P	252.768	P	142.322	P	175.879	LOC_Os03g04570.1
DG _{HPU}	Os016919_01	S2	-1.021	0.000	P	1036.730	P	510.725	P	438.519	LOC_Os02g01590.1
DG _{HPU}	Os016953_01	S2	0.000	0.838	P	710.021	P	554.596	P	310.244	LOC_Os05g35710.2
DG _{HPU}	Os017246_01	S2	0.000	0.910	P	418.591	P	416.016	P	221.446	LOC_Os12g02980.1
DG _{HPU}	Os017298_01	S2	0.000	0.857	P	439.135	P	359.386	P	198.370	-
DG _{HPU}	Os017352_01	S2	-0.838	0.000	P	797.376	P	446.103	P	529.481	-
DG _{HPU}	Os017442_01	S2	0.000	-0.661	P	4519.751	P	3339.934	P	5279.499	LOC_Os02g20860.1

DG _{HPU}	Os017490_01	S2	-0.913	0.000	P	379.589	P	201.607	P	183.002	LOC_Os05g48050.1
DG _{HPU}	Os017555_01	S2	0.000	-0.814	P	288.791	P	313.272	P	550.652	LOC_Os03g53860.1
DG _{HPU}	Os017668_01	S2	0.000	0.976	P	265.711	P	236.095	P	120.005	LOC_Os05g47442.1
DG _{HPU}	Os017780_01	S2	0.000	1.019	P	435.289	P	430.373	P	212.422	LOC_Os05g51180.1
DG _{HPU}	Os017796_01	S2	0.742	0.000	P	795.824	P	1330.926	P	883.334	LOC_Os03g29540.2
DG _{HPU}	Os017896_01	S2	0.000	0.868	P	852.026	P	669.137	P	366.610	LOC_Os01g52470.1
DG _{HPU}	Os018131_01	S2	0.000	0.845	P	297.812	P	255.163	P	142.033	LOC_Os12g42140.1
DG _{HPU}	Os018473_01	S2	0.000	0.924	P	182.749	P	198.911	P	104.818	LOC_Os01g25820.1
DG _{HPU}	Os018564_01	S2	0.737	0.000	P	96.725	P	161.175	P	150.381	LOC_Os12g12990.1
DG _{HPU}	Os018691_01	S2	0.000	-0.627	P	228.641	P	210.238	P	324.594	LOC_Os03g08430.1
DG _{HPU}	Os018744_01	S2	-0.981	0.000	P	720.796	P	365.089	P	490.039	LOC_Os08g39630.1
DG _{HPU}	Os018786_01	S2	-0.855	0.000	P	2689.121	P	1486.975	P	1298.931	LOC_Os03g16670.1
DG _{HPU}	Os018915_01	S2	-0.821	0.000	P	2511.127	P	1421.468	P	1637.018	LOC_Os04g43760.1
DG _{HPU}	Os019004_01	S2	0.000	0.877	P	326.933	P	255.803	P	139.281	LOC_Os10g37340.1
DG _{HPU}	Os019019_01	S2	0.000	-0.819	P	17841.449	P	17551.304	P	30956.881	LOC_Os06g07830.1
DG _{HPU}	Os019393_01	S2	0.000	-0.646	P	188.750	P	161.715	P	253.058	LOC_Os09g08990.1
DG _{HPU}	Os019634_01	S2	0.000	0.970	P	961.638	P	902.915	P	461.058	LOC_Os06g02380.2
DG _{HPU}	Os019649_01	S2	0.766	0.000	P	131.460	P	223.521	P	208.432	LOC_Os05g26820.1
DG _{HPU}	Os020130_01	S2	0.000	0.852	P	171.685	P	263.169	P	145.755	LOC_Os05g31670.1
DG _{HPU}	Os020350_01	S2	0.786	10.000	P	90.606	P	156.256	A	96.917	LOC_Os10g27230.3
DG _{HPU}	Os020435_01	S2	0.910	0.000	P	93.076	P	174.890	P	174.086	LOC_Os01g54560.1
DG _{HPU}	Os020697_01	S2	0.000	0.828	P	392.638	P	451.119	P	254.171	LOC_Os08g13690.1
DG _{HPU}	Os020710_01	S2	0.000	0.839	P	163.745	P	201.392	P	112.548	LOC_Os10g36950.1
DG _{HPU}	Os020739_01	S2	0.837	0.000	P	109.419	P	195.421	P	132.385	LOC_Os09g03090.1
DG _{HPU}	Os020759_01	S2	0.000	0.827	P	153.318	P	174.481	P	98.331	LOC_Os02g30180.1
DG _{HPU}	Os021454_01	S2	0.000	0.834	P	1074.371	P	942.351	P	528.685	LOC_Os03g37970.1
DG _{HPU}	Os021532_01	S2	0.000	0.924	P	312.489	P	270.396	P	142.478	LOC_Os11g34230.1
DG _{HPU}	Os021588_01	S2	0.000	-0.635	P	6015.465	P	6461.959	P	10037.380	-
DG _{HPU}	Os021635_01	S2	-0.804	0.000	P	444.202	P	254.389	P	383.511	LOC_Os02g09510.1
DG _{HPU}	Os021803_01	S2	0.754	0.000	P	109.915	P	185.370	P	138.658	LOC_Os03g10469.1
DG _{HPU}	Os021807_01	S2	0.000	0.868	P	1240.564	P	1111.006	P	608.745	-

DG _{HPU}	Os021893_01	S2	-0.890	0.000	P	399.758	P	215.746	P	314.282	LOC_Os09g35030.1
DG _{HPU}	Os021895_01	S2	-1.739	-1.610	P	1324.997	P	396.955	P	1211.472	LOC_Os08g28180.2
DG _{HPU}	Os022130_01	S2	0.000	-0.963	P	647.637	P	500.649	P	975.740	LOC_Os05g12640.3
DG _{HPU}	Os022144_01	S2	10.000	-0.623	A	72.621	P	241.352	P	371.671	LOC_Os01g35789.1
DG _{HPU}	Os022407_01	S2	0.000	-0.679	P	146.769	P	158.239	P	253.286	LOC_Os01g12440.1
DG _{HPU}	Os022446_01	S2	-0.804	10.000	P	209.917	P	120.258	A	92.683	-
DG _{HPU}	Os022480_01	S2	0.000	-0.712	P	204.623	P	200.692	P	328.717	LOC_Os01g18220.1
DG _{HPU}	Os022563_01	S2	0.986	0.913	P	470.499	P	931.839	P	494.769	LOC_Os06g04290.1
DG _{HPU}	Os022572_01	S2	-1.366	0.000	P	16526.923	P	6412.331	P	7595.876	LOC_Os12g36980.1
DG _{HPU}	Os023065_01	S2	0.000	-0.629	P	1562.875	P	1448.392	P	2240.238	LOC_Os01g20120.1
DG _{HPU}	Os023496_01	S2	0.000	-0.685	P	229.760	P	229.645	P	369.303	LOC_Os01g70000.1
DG _{HPU}	Os023589_01	S2	1.027	0.000	P	115.375	P	235.094	P	222.955	LOC_Os05g05650.1
DG _{HPU}	Os023590_01	S2	0.917	10.000	P	107.842	P	203.691	A	194.131	-
DG _{HPU}	Os023778_01	S2	-0.889	0.000	P	807.830	P	436.188	P	389.008	LOC_Os01g63010.1
DG _{HPU}	Os023842_01	S2	-0.932	0.000	P	257.490	P	134.998	P	129.897	LOC_Os04g53300.1
DG _{HPU}	Os023933_01	S2	-1.306	-0.811	P	2242.034	P	906.655	P	1590.404	LOC_Os04g33670.1
DG _{HPU}	Os023998_01	S2	0.000	-0.654	P	389.437	P	345.370	P	543.534	LOC_Os08g42570.1
DG _{HPU}	Os024007_01	S2	0.000	-0.624	P	464.860	P	359.060	P	553.245	LOC_Os01g29330.1
DG _{HPU}	Os024029_01	S2	-0.880	0.000	P	438.965	P	238.552	P	195.012	LOC_Os04g46440.1
DG _{HPU}	Os024059_01	S2	-1.122	0.000	P	704.011	P	323.553	P	383.863	-
DG _{HPU}	Os024063_01	S2	0.876	0.000	P	225.100	P	412.984	P	396.175	LOC_Os12g38230.1
DG _{HPU}	Os024093_01	S2	0.000	-0.645	P	21136.048	P	23751.176	P	37140.578	LOC_Os03g22820.1
DG _{HPU}	Os024178_01	S2	0.000	0.826	P	294.290	P	244.247	P	137.788	LOC_Os12g44320.1
DG _{HPU}	Os024207_01	S2	0.000	-0.732	P	393.003	P	342.538	P	568.796	-
DG _{HPU}	Os024326_01	S2	-1.324	10.000	P	350.267	P	139.868	A	105.234	LOC_Os07g01410.1
DG _{HPU}	Os024625_01	S2	0.000	0.830	P	167.678	P	167.741	P	94.374	LOC_Os08g25080.1
DG _{HPU}	Os024764_01	S2	0.907	0.000	P	558.547	P	1047.367	P	1077.271	LOC_Os07g46950.4
DG _{HPU}	Os025100_01	S2	0.000	-1.033	P	1138.088	P	1093.364	P	2237.671	LOC_Os07g09480.1
DG _{HPU}	Os025108_01	S2	0.000	0.943	P	161.819	P	199.363	P	103.722	LOC_Os11g24790.1
DG _{HPU}	Os025872_01	S2	-0.941	0.000	P	1549.205	P	806.984	P	960.440	LOC_Os11g01450.1
DG _{HPU}	Os025875_01	S2	0.762	10.000	P	100.360	P	170.241	A	69.508	LOC_Os03g10070.1

DG _{HPU}	Os025882_01	S2	-0.949	0.000	P	606.083	P	313.837	P	304.425	LOC_Os01g20830.1
DG _{HPU}	Os026161_01	S2	0.000	-0.672	P	367.508	P	308.293	P	491.277	LOC_Os02g42470.1
DG _{HPU}	Os026739_01	S2	0.000	-1.086	P	828.536	P	709.001	P	1505.034	LOC_Os08g05910.1
DG _{HPU}	Os027615_01	S2	0.000	-0.638	P	31719.430	P	33014.279	P	51385.572	LOC_Os09g17740.1
DG _{HPU}	Os027760_01	S2	0.000	-0.828	P	332.083	P	331.628	P	588.735	LOC_Os12g39880.1
DG _{HPU}	Os027938_01	S2	0.000	1.066	P	283.566	P	329.382	P	157.364	-
DG _{HPU}	Os028334_01	S2	0.934	0.000	P	682.865	P	1304.880	P	950.236	LOC_Os02g53290.1
DG _{HPU}	Os028486_01	S2	0.000	-0.671	P	386.163	P	333.755	P	531.410	LOC_Os07g40340.1
DG _{HPU}	Os028565_01	S2	0.000	0.973	P	376.192	P	543.647	P	276.887	LOC_Os11g05210.1
DG _{HPU}	Os028605_01	S2	-0.797	0.000	P	1261.185	P	725.644	P	903.142	LOC_Os02g06380.1
DG _{HPU}	Os028781_01	S2	0.000	-1.011	P	289.740	P	181.360	P	365.484	LOC_Os11g12810.1
DG _{HPU}	Os028942_01	S2	-1.279	0.000	P	1254.519	P	517.032	P	658.077	LOC_Os05g26860.1
DG _{HPU}	Os029143_01	S2	0.000	-0.708	P	6657.768	P	4724.925	P	7719.640	LOC_Os06g43000.1
DG _{HPU}	Os029535_01	S2	-1.074	0.000	P	8021.476	P	3809.392	P	4874.493	LOC_Os06g19770.1
DG _{HPU}	Os030028_01	S2	1.184	0.000	P	152.021	P	345.380	P	267.708	LOC_Os01g02710.1
DG _{HPU}	Os030167_01	S2	0.745	0.000	P	614.795	P	1030.316	P	896.707	LOC_Os01g18584.1
DG _{HPU}	Os030539_01	S2	0.762	0.000	P	341.252	P	578.640	P	602.640	LOC_Os09g32976.1
DG _{HPU}	Os030834_01	S2	-0.986	0.000	P	733.803	P	370.465	P	514.427	LOC_Os02g45930.1
DG _{HPU}	Os030865_01	S2	-0.857	0.000	P	2463.488	P	1360.014	P	1806.102	LOC_Os01g16400.1
DG _{HPU}	Os031132_01	S2	0.000	-0.743	P	243.308	P	280.082	P	468.780	LOC_Os11g36760.1
DG _{HPU}	Os031227_01	S2	-0.799	0.000	P	860.373	P	494.507	P	500.991	LOC_Os12g41300.1
DG _{HPU}	Os031550_01	S2	0.000	1.067	P	718.266	P	919.495	P	438.831	LOC_Os04g10924.1
DG _{HPU}	Os031701_01	S2	0.852	0.000	P	184.833	P	333.513	P	299.640	LOC_Os01g24690.1
DG _{HPU}	Os031781_01	S2	-0.861	0.000	P	3050.100	P	1679.175	P	1279.303	LOC_Os06g30530.1
DG _{HPU}	Os031851_01	S2	0.000	-1.022	P	223.705	P	203.514	P	413.410	LOC_Os01g47370.1
DG _{HPU}	Os032194_01	S2	-0.917	0.000	P	5833.508	P	3088.773	P	4065.551	LOC_Os08g43530.1
DG _{HPU}	Os032670_01	S2	-0.849	0.000	P	660.721	P	366.706	P	296.560	LOC_Os12g30570.1
DG _{HPU}	Os033227_01	S2	-0.922	-0.623	P	276.586	P	145.959	P	224.793	LOC_Os05g49450.1
DG _{HPU}	Os033510_01	S2	0.000	0.899	P	447.112	P	391.237	P	209.755	LOC_Os06g06360.1
DG _{HPU}	Os033744_01	S2	0.000	0.988	P	306.712	P	280.944	P	141.611	LOC_Os03g05450.1
DG _{HPU}	Os033886_01	S2	0.832	0.000	P	624.976	P	1112.587	P	1009.796	LOC_Os08g33300.1

DG _{HPU}	Os033905_01	S2	-1.003	0.000	P	818.982	P	408.757	P	418.165	LOC_Os07g09090.1
DG _{HPU}	Os034112_01	S2	-0.881	10.000	P	452.261	P	245.654	A	106.131	LOC_Os02g40130.1
DG _{HPU}	Os034167_01	S2	0.762	0.000	P	96.607	P	163.871	P	155.447	-
DG _{HPU}	Os034533_01	S2	0.000	0.853	P	580.682	P	571.801	P	316.582	LOC_Os05g12270.1
DG _{HPU}	Os034560_01	S2	-1.138	0.000	P	357.784	P	162.550	P	183.983	-
DG _{HPU}	Os034598_01	S2	-0.801	0.000	P	4806.570	P	2758.160	P	2679.093	LOC_Os05g23050.1
DG _{HPU}	Os034700_01	S2	0.000	-0.628	P	222.536	P	151.178	P	233.582	LOC_Os06g39040.1
DG _{HPU}	Os035057_01	S2	0.000	0.852	P	322.493	P	267.668	P	148.248	LOC_Os10g31200.1
DG _{HPU}	Os035502_01	S2	0.825	0.000	P	122.702	P	217.330	P	209.270	LOC_Os02g42400.1
DG _{HPU}	Os035651_01	S2	-0.921	-0.683	P	381.359	P	201.385	P	323.405	LOC_Os05g04760.1
DG _{HPU}	Os036025_01	S2	-1.070	0.000	P	1196.892	P	570.055	P	539.796	LOC_Os09g36180.1
DG _{HPU}	Os036066_01	S2	0.000	0.828	P	285.964	P	261.446	P	147.282	LOC_Os02g09190.1
DG _{HPU}	Os036348_01	S2	-1.404	0.000	P	6043.869	P	2283.900	P	3223.867	LOC_Os12g14450.1
DG _{HPU}	Os036380_01	S2	0.000	-0.691	P	190.600	P	228.498	P	368.946	LOC_Os09g30120.1
DG _{HPU}	Os036477_01	S2	-1.536	10.000	P	570.835	P	196.830	A	76.604	LOC_Os05g35450.1
DG _{HPU}	Os036652_01	S2	0.925	0.000	P	99.828	P	189.506	P	144.610	LOC_Os09g06530.1
DG _{HPU}	Os036733_01	S2	0.745	0.000	P	201.956	P	338.501	P	374.698	LOC_Os08g01660.2
DG _{HPU}	Os036767_01	S2	-0.849	0.000	P	417.553	P	231.838	P	306.868	LOC_Os07g09660.1
DG _{HPU}	Os036864_01	S2	0.000	-0.817	P	1046.408	P	742.605	P	1308.673	LOC_Os01g23750.1
DG _{HPU}	Os037049_01	S2	-0.878	-0.709	P	1016.752	P	553.388	P	904.318	LOC_Os08g17980.1
DG _{HPU}	Os037202_01	S2	-0.899	0.000	P	1119.193	P	600.322	P	628.191	LOC_Os10g38495.1
DG _{HPU}	Os037509_01	S2	0.785	10.000	P	155.876	P	268.679	A	104.006	LOC_Os05g22600.1
DG _{HPU}	Os037607_01	S2	-0.877	0.000	P	552.665	P	300.822	P	338.883	LOC_Os01g02680.1
DG _{HPU}	Os037690_01	S2	0.775	10.000	P	98.024	P	167.759	A	78.760	LOC_Os01g19350.1
DG _{HPU}	Os037792_01	S2	-0.928	10.000	P	315.275	P	165.692	A	58.692	LOC_Os07g35860.1
DG _{HPU}	Os037993_01	S2	0.000	0.906	P	349.021	P	327.921	P	175.011	LOC_Os05g28640.1
DG _{HPU}	Os038123_01	S2	-1.281	10.000	P	515.129	P	211.925	A	9.141	LOC_Os09g09630.1
DG _{HPU}	Os038136_01	S2	0.841	0.000	P	274.441	P	491.545	P	445.410	LOC_Os08g14990.1
DG _{HPU}	Os038579_01	S2	-1.045	0.000	P	436.708	P	211.632	P	282.973	LOC_Os12g40170.1
DG _{HPU}	Os038695_01	S2	0.797	0.000	P	493.234	P	857.232	P	687.939	-
DG _{HPU}	Os039593_01	S2	-0.837	0.000	P	1998.154	P	1118.561	P	866.439	-

DG _{HPU}	Os040088_01	S2	0.000	-0.759	P	217.941	P	189.752	P	321.178	-
DG _{HPU}	Os040110_01	S2	-1.021	0.000	P	551.880	P	271.980	P	248.625	LOC_Os04g27840.1
DG _{HPU}	Os040132_01	S2	0.000	-0.666	P	797.227	P	632.073	P	1002.622	LOC_Os08g37030.1
DG _{HPU}	Os040171_01	S2	0.802	0.000	P	148.845	P	259.570	P	259.007	-
DG _{HPU}	Os040714_01	S2	-0.815	10.000	P	561.669	P	319.271	A	102.909	LOC_Os06g33660.1
DG _{HPU}	Os041351_01	S2	-0.872	0.000	P	742.121	P	405.618	P	325.169	LOC_Os12g16650.1
DG _{HPU}	Os041364_01	S2	-0.861	0.000	P	549.751	P	302.748	P	386.514	-
DG _{HPU}	Os041408_01	S2	0.000	0.992	P	210.406	P	201.597	P	101.327	LOC_Os01g41160.1
DG _{HPU}	Os041424_01	S2	-0.809	10.000	P	261.610	P	149.290	A	18.419	LOC_Os08g26820.1
DG _{HPU}	Os042015_01	S2	-0.844	0.000	P	1268.138	P	706.296	P	924.909	-
DG _{HPU}	Os042347_01	S2	-0.836	0.000	P	628.167	P	351.815	P	316.503	-
DG _{HPU}	Os042441_01	S2	-0.789	0.000	P	898.765	P	520.197	P	484.209	LOC_Os06g13800.1
DG _{HPU}	Os042950_01	S2	0.989	0.873	P	116.107	P	230.511	P	125.895	-
DG _{HPU}	Os042951_01	S2	0.809	0.000	P	376.921	P	660.391	P	433.044	-
DG _{HPU}	Os043043_01	S2	0.816	0.000	P	322.436	P	567.758	P	593.121	LOC_Os07g08520.1
DG _{HPU}	Os043595_01	S2	0.000	1.080	P	226.936	P	264.578	P	125.187	LOC_Os02g27330.1
DG _{HPU}	Os043773_01	S2	-0.990	0.000	P	1681.989	P	847.011	P	711.481	LOC_Os08g09410.1
DG _{HPU}	Os043814_01	S2	-0.829	0.000	P	966.644	P	544.028	P	610.219	LOC_Os02g32180.1
DG _{HPU}	Os044259_01	S2	0.000	-0.769	P	1429.533	P	1305.519	P	2224.545	LOC_Os05g36370.1
DG _{HPU}	Os044491_01	S2	0.000	0.827	P	254.514	P	223.080	P	125.748	LOC_Os12g10350.1
DG _{HPU}	Os044883_01	S2	0.000	0.830	P	354.854	P	279.012	P	156.919	-
DG _{HPU}	Os045006_01	S2	0.000	-0.622	P	171.558	P	210.757	P	324.263	LOC_Os08g41520.1
DG _{HPU}	Os045013_01	S2	0.000	0.919	P	1835.896	P	1459.885	P	772.293	LOC_Os08g31720.1
DG _{HPU}	Os045192_01	S2	-1.120	0.000	P	459.613	P	211.476	P	216.337	LOC_Os06g23380.1
DG _{HPU}	Os045210_01	S2	0.000	0.989	P	268.561	P	235.933	P	118.868	-
DG _{HPU}	Os045664_01	S2	-0.788	0.000	P	614.552	P	355.909	P	272.802	LOC_Os02g25890.1
DG _{HPU}	Os046234_01	S2	0.000	-0.798	P	14946.256	P	16210.029	P	28192.768	LOC_Os01g74570.1
DG _{HPU}	Os046281_01	S2	-0.964	0.000	P	482.829	P	247.485	P	269.392	LOC_Os10g38640.1
DG _{HPU}	Os046309_01	S2	-0.862	0.000	P	589.637	P	324.436	P	288.636	LOC_Os08g06070.1
DG _{HPU}	Os047011_01	S2	0.935	0.870	P	443.845	P	848.315	P	464.307	LOC_Os01g37000.1
DG _{HPU}	Os047423_01	S2	0.000	0.846	P	360.983	P	366.592	P	203.974	LOC_Os11g46880.1

DG _{HPU}	Os047670_01	S2	0.000	-0.943	P	688.498	P	458.639	P	881.774	LOC_Os10g01800.1
DG _{HPU}	Os048024_01	S2	-0.834	0.000	P	255.047	P	143.122	P	200.709	LOC_Os04g05750.1
DG _{HPU}	Os048156_01	S2	0.000	-0.904	P	563.252	P	344.599	P	644.734	LOC_Os07g03508.1
DG _{HPU}	Os048275_01	S2	1.170	0.000	P	136.548	P	307.263	P	253.427	LOC_Os07g48190.1
DG _{HPU}	Os048365_01	S2	0.727	0.000	P	139.788	P	231.364	P	193.251	LOC_Os09g19310.1
DG _{HPU}	Os048488_01	S2	0.000	-0.701	P	797.895	P	624.606	P	1015.648	LOC_Os12g39690.1
DG _{HPU}	Os048888_01	S2	0.824	10.000	P	96.242	P	170.323	A	82.961	-
DG _{HPU}	Os049283_01	S2	-0.798	0.000	P	372.941	P	214.437	P	233.843	LOC_Os08g38450.1
DG _{HPU}	Os049472_01	S2	0.000	0.977	P	721.625	P	744.318	P	378.231	LOC_Os10g39080.1
DG _{HPU}	Os049499_01	S2	-0.913	0.000	P	554.984	P	294.670	P	233.940	LOC_Os05g27000.1
DG _{HPU}	Os049664_01	S2	0.793	0.000	P	150.286	P	260.389	P	234.376	LOC_Os08g08490.1
DG _{HPU}	Os050024_01	S2	0.000	0.893	P	1019.487	P	854.664	P	460.247	LOC_Os01g65950.1
DG _{HPU}	Os050288_01	S2	0.000	0.870	P	335.886	P	323.225	P	176.800	-
DG _{HPU}	Os050644_01	S2	-0.900	0.000	P	460.088	P	246.557	P	212.501	LOC_Os11g32630.1
DG _{HPU}	Os050700_01	S2	-0.969	-0.894	P	53337.980	P	27255.989	P	50638.030	LOC_Os10g21280.1
DG _{HPU}	Os051476_01	S2	0.000	-0.925	P	5553.676	P	5396.166	P	10244.057	LOC_Os08g01370.1
DG _{HPU}	Os051763_01	S2	-0.918	0.000	P	418.489	P	221.438	P	220.331	LOC_Os11g27100.1
DG _{HPU}	Os051947_01	S2	0.000	0.823	P	551.324	P	419.783	P	237.327	LOC_Os05g25850.1
DG _{HPU}	Os052021_01	S2	0.000	0.902	P	667.280	P	656.704	P	351.486	LOC_Os12g05430.1
DG _{HPU}	Os052056_01	S2	-0.826	0.000	P	781.728	P	441.081	P	398.182	LOC_Os10g42540.1
DG _{HPU}	Os052072_01	S2	-0.966	0.000	P	636.600	P	325.942	P	283.226	LOC_Os12g26290.2
DG _{HPU}	Os052153_01	S2	0.000	0.867	P	242.504	P	301.741	P	165.440	LOC_Os03g14530.1
DG _{HPU}	Os052312_01	S2	0.749	0.000	P	122.954	P	206.708	P	202.431	LOC_Os07g09060.2
DG _{HPU}	Os052326_01	S2	0.777	0.000	P	166.992	P	286.064	P	321.880	LOC_Os02g01920.1
DG _{HPU}	Os052354_01	S2	-1.087	-0.675	P	806.767	P	379.812	P	606.214	LOC_Os04g46830.1
DG _{HPU}	Os052399_01	S2	0.000	-0.696	P	433.456	P	310.070	P	502.489	LOC_Os12g43370.2
DG _{HPU}	Os052477_01	S2	0.000	0.890	P	160.233	P	195.597	P	105.524	LOC_Os01g65330.1
DG _{HPU}	Os052508_01	S2	0.000	0.844	P	299.616	P	270.709	P	150.818	LOC_Os10g42860.1
DG _{HPU}	Os052844_01	S2	-1.684	0.000	P	1649.071	P	513.128	P	776.072	-
DG _{HPU}	Os052934_01	S2	0.751	0.854	P	650.082	P	1094.197	P	605.410	LOC_Os06g16640.1
DG _{HPU}	Os052941_01	S2	-0.803	0.000	P	512.053	P	293.548	P	258.644	LOC_Os02g37320.1

DG _{HPU}	Os053281_01	S2	0.000	-0.996	P	1083.047	P	709.916	P	1416.030	LOC_Os01g18440.1	
DG _{HPU}	Os053469_01	S2	0.000	-0.727	P	19914.694	P	19566.080	P	32390.654	LOC_Os10g41430.1	
DG _{HPU}	Os053660_01	S2	-0.827	0.000	P	382.231	P	215.405	P	232.050	LOC_Os10g41640.1	
DG _{HPU}	Os053800_01	S2	-0.866	0.000	P	1004.583	P	551.204	P	584.173	LOC_Os01g08380.1	
DG _{HPU}	Os053922_01	S2	-0.969	0.000	P	540.014	P	275.937	P	368.737	LOC_Os08g36500.1	
DG _{HPU}	Os053976_01	S2	-1.024	10.000	P	300.520	P	147.818	A	97.610	LOC_Os01g02560.1	
DG _{HPU}	Os054193_01	S2	0.000	0.866	P	603.251	P	480.057	P	263.339	LOC_Os01g15800.1	
DG _{HPU}	Os054267_01	S2	-0.939	0.000	P	778.142	P	405.888	P	441.729	-	
DG _{HPU}	Os054395_01	S2	-0.806	0.000	P	1076.635	P	615.762	P	590.116	LOC_Os02g41650.2	
DG _{HPU}	Os054493_01	S2	0.722	0.000	P	358.962	P	592.074	P	455.440	LOC_Os03g22810.1	
DG _{HPU}	Os054550_01	S2	0.000	-0.681	P	805.746	P	748.125	P	1199.363	LOC_Os06g04070.1	
DG _{HPU}	Os054583_01	S2	0.000	0.843	P	7281.740	P	6589.564	P	3674.030	LOC_Os06g04270.1	
DG _{HPU}	Os054723_01	S2	0.725	10.000	P	114.465	P	189.139	A	89.327	LOC_Os04g49670.1	
DG _{HPU}	Os054731_01	S2	-0.988	-0.785	P	460.951	P	232.375	P	400.278	-	
DG _{HPU}	Os054741_01	S2	1.131	10.000	P	107.618	P	235.642	A	35.326	-	
DG _{HPU}	Os054785_01	S2	-1.137	-0.784	P	428.921	P	195.003	P	335.873	LOC_Os01g09220.1	
DG _{HPU}	Os054838_01	S2	0.889	10.000	P	103.773	P	192.216	A	61.783	LOC_Os03g13800.1	
DG _{HPU}	Os055053_01	S2	0.000	0.930	P	409.150	P	392.210	P	205.837	LOC_Os01g37630.1	
DG _{HPU}	Os055124_01	S2	0.000	1.113	P	516.528	P	616.256	P	284.913	LOC_Os12g36890.1	
DG _{HPU}	Os055198_01	S2	0.739	0.000	P	164.759	P	275.046	P	297.495	LOC_Os04g46980.1	
DG _{HPU}	Os055427_01	S2	0.723	0.000	P	116.173	P	191.817	P	157.358	LOC_Os05g08480.1	
DG _{HPU}	Os055745_01	S2	0.000	0.946	P	222.938	P	204.576	P	106.169	LOC_Os07g41090.2	
DG _{HPU}	Os056132_01	S2	1.274	0.000	P	117.990	P	285.329	P	232.343	LOC_Os05g43040.1	
DG _{HPU}	Os056446_01	S2	0.000	1.065	P	916.288	P	1349.823	P	645.300	LOC_Os01g74160.1	
DG _{HPU}	Os056918_02	S2	-0.954	0.000	P	8068.496	P	4165.016	P	4437.342	LOC_Os01g13690.1	
DG _{HPU}	Os056921_02	S2	0.000	-0.642	P	258.384	P	229.466	P	357.960	-	
DG _{HPU}	Os057173_02	S2	10.000	-1.408	A	57.927	P	425.067	P	1128.118	LOC_Os12g37260.1	
DG _{HPU}	Os057369_01	S2	0.000	-0.740	P	2801.869	P	1826.688	P	3051.601	LOC_Os03g50310.1	
DG _{HPU}	Os057565_02	S2	0.965	0.000	P	195.529	P	381.790	P	387.836	LOC_Os01g27940.1	
DG _{HPU}	GeneID	S3	log2(Ratio(L/9))			log2(Ratio(L/P))		Bo_9311.flag		Bo_9311	Bo_LYP9.flag	Bo_LYP9
	Bo_PA64s.flag	Bo_PA64s				TIGR5.id						

DG _{HPU}	Os000012_01	S3	1.153	0.000	P	347.641	P	773.134	P	641.778	LOC_Os02g45180.1
DG _{HPU}	Os000040_01	S3	1.312	0.000	P	1041.106	P	2584.122	P	2465.486	LOC_Os01g65440.1
DG _{HPU}	Os000050_01	S3	0.000	-1.170	P	178.570	P	205.076	P	461.309	LOC_Os01g28030.1
DG _{HPU}	Os000054_01	S3	0.000	-0.987	P	170.402	P	237.620	P	470.889	LOC_Os06g45300.2
DG _{HPU}	Os000056_01	S3	0.000	-1.207	P	152.641	P	178.896	P	413.092	LOC_Os11g16390.3
DG _{HPU}	Os000128_01	S3	1.737	0.000	P	354.112	P	1180.493	P	920.163	LOC_Os06g12740.1
DG _{HPU}	Os000168_01	S3	0.000	-1.080	P	248.580	P	244.850	P	517.515	LOC_Os07g15959.1
DG _{HPU}	Os000269_01	S3	0.000	-1.155	P	133.708	P	175.104	P	389.836	LOC_Os12g31440.1
DG _{HPU}	Os000406_01	S3	1.122	0.000	P	261.283	P	568.577	P	766.799	LOC_Os07g10720.2
DG _{HPU}	Os000431_01	S3	1.361	1.409	P	11570.976	P	29716.642	P	11188.559	LOC_Os01g68300.1
DG _{HPU}	Os000575_01	S3	1.133	0.000	P	290.970	P	638.277	P	592.324	LOC_Os11g20160.1
DG _{HPU}	Os000827_01	S3	0.000	-1.136	P	168.669	P	234.233	P	514.624	LOC_Os03g31730.1
DG _{HPU}	Os000842_01	S3	1.613	0.000	P	5454.425	P	16685.998	P	11623.969	LOC_Os12g33130.1
DG _{HPU}	Os000894_01	S3	0.000	-0.982	P	254.689	P	183.018	P	361.545	LOC_Os02g08010.1
DG _{HPU}	Os000896_01	S3	1.274	0.000	P	171.832	P	415.665	P	512.755	LOC_Os01g67220.2
DG _{HPU}	Os000917_01	S3	0.000	-1.714	P	163.561	P	144.685	P	474.774	LOC_Os05g23430.1
DG _{HPU}	Os000928_01	S3	0.000	1.525	P	328.191	P	362.648	P	126.024	LOC_Os05g05800.1
DG _{HPU}	Os001183_01	S3	1.449	0.000	P	174.221	P	475.493	P	503.144	LOC_Os11g13930.1
DG _{HPU}	Os001213_01	S3	0.000	1.545	P	1204.312	P	1025.213	P	351.413	LOC_Os05g14860.1
DG _{HPU}	Os001215_01	S3	0.000	-0.969	P	294.285	P	335.238	P	655.995	LOC_Os03g55450.2
DG _{HPU}	Os001260_01	S3	0.000	-1.205	P	132.230	P	138.841	P	320.027	LOC_Os06g15910.1
DG _{HPU}	Os001286_01	S3	0.000	-1.596	P	170.904	P	168.545	P	509.365	LOC_Os08g06520.1
DG _{HPU}	Os001385_01	S3	-0.937	0.000	P	2197.516	P	1147.564	P	936.036	LOC_Os02g05470.1
DG _{HPU}	Os001472_01	S3	1.121	0.000	P	193.059	P	419.890	P	514.837	LOC_Os09g10760.1
DG _{HPU}	Os001486_01	S3	0.000	-0.964	P	189.404	P	248.519	P	484.949	LOC_Os03g10140.1
DG _{HPU}	Os001606_01	S3	1.277	0.000	P	1316.521	P	3190.772	P	3633.216	LOC_Os06g44450.1
DG _{HPU}	Os001636_01	S3	1.124	0.000	P	121.075	P	263.849	P	317.822	LOC_Os07g04020.1
DG _{HPU}	Os001722_01	S3	1.175	0.000	P	164.551	P	371.462	P	416.580	LOC_Os07g10256.1
DG _{HPU}	Os001727_01	S3	0.000	-1.039	P	169.823	P	150.717	P	309.646	LOC_Os03g44500.1
DG _{HPU}	Os001770_01	S3	1.166	0.000	P	231.796	P	519.987	P	577.718	LOC_Os03g48920.1
DG _{HPU}	Os001813_01	S3	1.236	0.000	P	146.778	P	345.635	P	431.757	LOC_Os05g04850.1

DG _{HPU}	Os001957_01	S3	-1.076	0.000	P	1143.040	P	542.011	P	391.921	LOC_Os07g38230.1
DG _{HPU}	Os002166_02	S3	1.371	0.000	P	327.691	P	847.404	P	788.214	-
DG _{HPU}	Os002369_01	S3	0.000	-1.032	P	219.367	P	224.900	P	459.876	-
DG _{HPU}	Os002390_01	S3	2.278	1.933	P	2660.653	P	12900.030	P	3378.061	LOC_Os07g05360.1
DG _{HPU}	Os002448_01	S3	10.000	-1.187	A	98.143	P	150.181	P	341.842	LOC_Os02g16730.1
DG _{HPU}	Os002532_01	S3	1.240	0.000	P	104.366	P	246.508	P	294.647	LOC_Os03g60260.1
DG _{HPU}	Os002671_01	S3	0.000	-1.227	P	149.378	P	190.402	P	445.665	LOC_Os03g51440.1
DG _{HPU}	Os002812_01	S3	10.000	-1.079	A	110.888	P	171.269	P	361.812	LOC_Os02g53210.3
DG _{HPU}	Os002898_01	S3	1.111	0.000	P	188.861	P	407.903	P	444.077	LOC_Os11g11330.1
DG _{HPU}	Os003424_01	S3	1.394	0.000	P	112.845	P	296.609	P	297.913	LOC_Os12g29550.1
DG _{HPU}	Os003956_02	S3	0.000	1.564	P	196.066	P	314.892	P	106.486	-
DG _{HPU}	Os004343_01	S3	0.000	1.447	P	722.710	P	586.480	P	215.173	LOC_Os06g14030.1
DG _{HPU}	Os004399_01	S3	-2.382	10.000	P	2786.725	P	534.473	A	57.518	LOC_Os02g40180.1
DG _{HPU}	Os005103_01	S3	1.333	0.000	P	101.835	P	256.596	P	269.308	LOC_Os09g18159.1
DG _{HPU}	Os006161_02	S3	0.000	-0.990	P	212.184	P	252.184	P	500.750	-
DG _{HPU}	Os006546_02	S3	1.430	0.000	P	94.416	P	254.477	P	235.018	-
DG _{HPU}	Os006663_01	S3	-1.346	0.000	P	524.932	P	206.551	P	182.697	-
DG _{HPU}	Os008106_01	S3	10.000	-1.369	A	84.139	P	150.344	P	388.348	-
DG _{HPU}	Os008192_01	S3	1.470	0.000	P	187.095	P	518.454	P	459.511	LOC_Os09g24620.1
DG _{HPU}	Os008368_01	S3	1.445	0.000	P	104.455	P	284.306	P	154.348	LOC_Os09g14680.1
DG _{HPU}	Os008439_01	S3	1.283	0.000	P	151.878	P	369.680	P	407.032	LOC_Os07g44740.1
DG _{HPU}	Os008441_01	S3	0.000	1.289	P	683.207	P	623.112	P	254.974	LOC_Os03g49190.1
DG _{HPU}	Os008450_01	S3	1.434	0.000	P	610.488	P	1649.626	P	1003.716	LOC_Os01g67980.1
DG _{HPU}	Os008472_01	S3	-1.115	0.000	P	611.741	P	282.446	P	271.912	LOC_Os07g08860.1
DG _{HPU}	Os008557_01	S3	10.000	-1.302	A	58.744	P	172.656	P	425.764	LOC_Os07g29610.1
DG _{HPU}	Os008621_01	S3	1.289	0.000	P	138.935	P	339.584	P	327.278	LOC_Os02g30624.2
DG _{HPU}	Os008639_01	S3	1.114	0.000	P	105.650	P	228.606	P	212.329	LOC_Os01g50370.1
DG _{HPU}	Os008640_01	S3	-1.109	0.000	P	824.225	P	382.060	P	268.669	LOC_Os02g32814.1
DG _{HPU}	Os008685_01	S3	-0.943	0.000	P	1970.092	P	1024.890	P	675.861	-
DG _{HPU}	Os008702_01	S3	1.197	0.000	P	93.696	P	214.791	P	219.714	LOC_Os06g11430.1
DG _{HPU}	Os008765_01	S3	1.154	0.000	P	160.116	P	356.327	P	357.811	LOC_Os09g20660.1

DG _{HPU}	Os008778_01	S3	-1.603	0.000	P	3903.760	P	1284.702	P	1138.161	LOC_Os05g31000.1
DG _{HPU}	Os008849_01	S3	1.152	0.000	P	185.234	P	411.740	P	418.975	LOC_Os06g44374.1
DG _{HPU}	Os008896_01	S3	0.000	-1.153	P	378.264	P	326.358	P	725.925	LOC_Os04g51520.1
DG _{HPU}	Os008970_01	S3	1.241	0.000	P	111.480	P	263.582	P	320.611	LOC_Os09g20900.1
DG _{HPU}	Os009036_01	S3	-0.962	0.000	P	7104.860	P	3646.334	P	2848.731	LOC_Os12g30540.1
DG _{HPU}	Os009088_01	S3	1.531	1.649	P	181.570	P	524.803	P	167.339	LOC_Os05g12400.1
DG _{HPU}	Os009099_01	S3	1.248	0.000	P	233.336	P	554.067	P	487.347	LOC_Os06g39912.1
DG _{HPU}	Os009117_01	S3	1.422	0.000	P	2719.474	P	7288.976	P	7736.244	LOC_Os12g02320.1
DG _{HPU}	Os009123_01	S3	1.257	0.000	P	115.609	P	276.232	P	320.696	LOC_Os02g32980.1
DG _{HPU}	Os009330_01	S3	0.000	-1.244	P	129.081	P	155.176	P	367.525	LOC_Os01g07730.1
DG _{HPU}	Os009504_01	S3	0.000	-1.455	P	183.949	P	177.133	P	485.753	LOC_Os02g03410.1
DG _{HPU}	Os009518_01	S3	1.179	0.000	P	2836.484	P	6423.194	P	7246.267	LOC_Os01g73250.1
DG _{HPU}	Os009562_01	S3	1.202	0.000	P	778.059	P	1789.457	P	2298.158	LOC_Os03g22270.1
DG _{HPU}	Os009747_01	S3	-0.972	0.000	P	1337.972	P	681.947	P	680.313	LOC_Os05g45050.1
DG _{HPU}	Os009753_01	S3	0.000	1.446	P	381.780	P	369.577	P	135.678	-
DG _{HPU}	Os009786_01	S3	-1.014	0.000	P	789.224	P	390.726	P	365.486	LOC_Os03g24020.1
DG _{HPU}	Os009852_01	S3	1.126	0.000	P	188.289	P	410.957	P	474.562	LOC_Os03g38020.1
DG _{HPU}	Os009869_01	S3	1.145	0.000	P	146.035	P	322.929	P	425.232	LOC_Os04g20230.1
DG _{HPU}	Os009907_01	S3	0.000	1.291	P	287.280	P	227.452	P	92.939	LOC_Os03g02690.1
DG _{HPU}	Os010022_01	S3	0.000	1.337	P	560.321	P	427.046	P	169.041	LOC_Os08g05550.1
DG _{HPU}	Os010213_01	S3	1.659	1.722	P	130.553	P	412.145	P	124.900	LOC_Os08g07690.1
DG _{HPU}	Os010228_01	S3	0.000	1.562	P	397.625	P	344.819	P	116.823	-
DG _{HPU}	Os010273_01	S3	0.000	-1.139	P	544.489	P	352.741	P	776.630	LOC_Os04g30420.1
DG _{HPU}	Os010313_01	S3	-1.400	0.000	P	634.947	P	240.638	P	214.772	LOC_Os08g36920.1
DG _{HPU}	Os011258_01	S3	0.000	1.624	P	1004.867	P	981.938	P	318.678	LOC_Os06g49740.1
DG _{HPU}	Os011344_01	S3	0.000	1.538	P	599.377	P	650.646	P	224.055	-
DG _{HPU}	Os011371_01	S3	0.000	1.622	P	475.774	P	500.809	P	162.749	LOC_Os07g01920.1
DG _{HPU}	Os011601_01	S3	-0.976	0.000	P	686.174	P	348.751	P	214.918	LOC_Os08g41990.1
DG _{HPU}	Os011651_01	S3	0.000	1.418	P	867.756	P	654.770	P	245.041	LOC_Os09g13570.1
DG _{HPU}	Os011669_01	S3	0.000	1.369	P	414.566	P	401.331	P	155.401	LOC_Os04g36054.1
DG _{HPU}	Os011759_01	S3	-1.127	0.000	P	431.858	P	197.752	P	174.904	LOC_Os04g41920.2

DG _{HPU}	Os011816_01	S3	0.000	2.456	P	1044.057	P	2117.591	P	386.028	-
DG _{HPU}	Os011858_01	S3	0.000	1.487	P	878.955	P	858.093	P	306.071	LOC_Os05g33880.2
DG _{HPU}	Os011897_01	S3	0.000	-1.015	P	1224.785	P	1093.770	P	2210.940	LOC_Os03g19760.2
DG _{HPU}	Os011950_01	S3	0.000	1.463	P	854.105	P	791.295	P	287.075	LOC_Os04g31070.1
DG _{HPU}	Os011979_01	S3	0.000	1.339	P	604.379	P	647.186	P	255.803	LOC_Os06g35160.1
DG _{HPU}	Os012021_01	S3	0.000	1.320	P	399.095	P	507.811	P	203.453	LOC_Os01g73000.3
DG _{HPU}	Os012028_01	S3	0.000	1.330	P	6820.046	P	9805.662	P	3901.095	LOC_Os11g47760.1
DG _{HPU}	Os012121_01	S3	0.000	1.774	P	335.905	P	372.675	P	108.972	LOC_Os12g24170.1
DG _{HPU}	Os012122_01	S3	0.000	1.569	P	469.921	P	413.412	P	139.340	LOC_Os03g22380.2
DG _{HPU}	Os012189_01	S3	-1.032	10.000	P	336.951	P	164.813	A	111.046	LOC_Os05g05480.1
DG _{HPU}	Os012349_01	S3	-1.184	0.000	P	2443.945	P	1075.511	P	1142.773	LOC_Os03g61220.1
DG _{HPU}	Os012350_01	S3	0.000	1.273	P	355.670	P	312.247	P	129.240	LOC_Os04g38640.1
DG _{HPU}	Os012394_01	S3	0.000	1.484	P	253.854	P	256.297	P	91.636	LOC_Os02g56740.1
DG _{HPU}	Os012428_01	S3	0.000	1.281	P	252.992	P	195.684	P	80.529	LOC_Os03g11200.1
DG _{HPU}	Os012475_01	S3	0.000	1.659	P	229.119	P	231.840	P	73.422	LOC_Os02g57820.1
DG _{HPU}	Os012491_01	S3	0.000	1.293	P	522.437	P	504.842	P	206.056	LOC_Os03g54790.1
DG _{HPU}	Os012493_01	S3	0.000	1.527	P	420.684	P	458.468	P	159.051	LOC_Os03g11720.1
DG _{HPU}	Os012632_01	S3	-1.146	0.000	P	421.445	P	190.431	P	156.581	LOC_Os05g51670.1
DG _{HPU}	Os012645_01	S3	0.000	-1.378	P	809.827	P	739.389	P	1921.265	LOC_Os05g41550.5
DG _{HPU}	Os012753_01	S3	-0.924	0.000	P	8588.591	P	4527.109	P	4115.888	-
DG _{HPU}	Os012754_01	S3	-1.034	0.000	P	542.360	P	264.855	P	261.127	LOC_Os03g45400.1
DG _{HPU}	Os012757_01	S3	0.000	1.420	P	368.253	P	350.687	P	131.015	LOC_Os02g08130.3
DG _{HPU}	Os012829_01	S3	-1.490	0.000	P	1159.827	P	412.780	P	428.746	LOC_Os01g18630.1
DG _{HPU}	Os012846_01	S3	-1.034	0.000	P	834.186	P	407.306	P	275.459	LOC_Os07g01214.1
DG _{HPU}	Os012851_01	S3	-1.098	0.000	P	760.124	P	355.022	P	298.877	LOC_Os01g60280.1
DG _{HPU}	Os012866_01	S3	-0.974	0.000	P	654.631	P	333.336	P	378.160	LOC_Os06g41990.2
DG _{HPU}	Os012876_01	S3	0.000	-1.020	P	1627.325	P	1964.890	P	3985.711	LOC_Os05g50550.1
DG _{HPU}	Os012886_01	S3	-0.936	0.000	P	773.520	P	404.253	P	443.782	LOC_Os03g06230.1
DG _{HPU}	Os012897_01	S3	0.000	1.762	P	329.398	P	409.580	P	120.739	LOC_Os03g04960.2
DG _{HPU}	Os013155_01	S3	0.000	1.431	P	537.598	P	438.067	P	162.464	LOC_Os10g31000.2
DG _{HPU}	Os013156_01	S3	0.000	1.429	P	1336.051	P	1108.844	P	411.895	LOC_Os03g62240.1

DG _{HPU}	Os013253_01	S3	0.000	-0.977	P	269.928	P	300.125	P	590.707	LOC_Os03g63910.1
DG _{HPU}	Os013316_01	S3	-1.374	0.000	P	1065.143	P	410.827	P	363.210	LOC_Os03g20640.1
DG _{HPU}	Os013432_01	S3	0.000	1.400	P	1259.255	P	1081.748	P	410.020	-
DG _{HPU}	Os013482_01	S3	0.000	1.674	P	422.531	P	428.956	P	134.394	LOC_Os04g36730.1
DG _{HPU}	Os013483_01	S3	0.000	1.446	P	246.675	P	268.567	P	98.595	LOC_Os01g65480.1
DG _{HPU}	Os013529_01	S3	-0.974	0.000	P	593.815	P	302.396	P	331.520	-
DG _{HPU}	Os013530_01	S3	0.000	1.318	P	631.099	P	613.472	P	246.027	LOC_Os08g30060.2
DG _{HPU}	Os013532_01	S3	0.000	1.947	P	1716.707	P	1979.752	P	513.448	LOC_Os01g55094.2
DG _{HPU}	Os013568_01	S3	0.000	1.420	P	473.612	P	480.502	P	179.542	LOC_Os08g40150.2
DG _{HPU}	Os013569_01	S3	0.000	1.306	P	401.684	P	340.504	P	137.722	LOC_Os01g53150.2
DG _{HPU}	Os013615_01	S3	0.000	1.507	P	176.374	P	255.301	P	89.840	LOC_Os09g32740.1
DG _{HPU}	Os013619_01	S3	-1.036	0.000	P	1217.377	P	593.571	P	391.310	-
DG _{HPU}	Os013638_01	S3	0.000	1.431	P	733.665	P	740.409	P	274.532	LOC_Os08g31470.2
DG _{HPU}	Os013639_01	S3	0.000	1.662	P	497.094	P	535.604	P	169.278	LOC_Os03g20980.1
DG _{HPU}	Os013641_01	S3	-1.133	0.000	P	418.245	P	190.655	P	233.909	LOC_Os01g73120.1
DG _{HPU}	Os013643_01	S3	0.000	1.422	P	408.109	P	409.960	P	152.975	LOC_Os10g36550.3
DG _{HPU}	Os013762_01	S3	-1.189	0.000	P	479.268	P	210.185	P	197.307	LOC_Os03g53750.1
DG _{HPU}	Os013814_01	S3	0.000	-1.023	P	306.578	P	298.345	P	606.463	LOC_Os06g49430.1
DG _{HPU}	Os013905_01	S3	0.000	1.669	P	220.737	P	239.868	P	75.437	LOC_Os02g38800.1
DG _{HPU}	Os013918_01	S3	-0.922	0.000	P	700.612	P	369.884	P	325.493	LOC_Os09g29070.1
DG _{HPU}	Os013969_01	S3	0.000	1.547	P	323.030	P	293.027	P	100.273	LOC_Os07g07610.1
DG _{HPU}	Os014124_01	S3	0.000	-0.987	P	691.840	P	659.302	P	1306.577	LOC_Os09g25060.1
DG _{HPU}	Os014320_01	S3	-1.170	0.000	P	2888.720	P	1284.088	P	1358.578	LOC_Os03g17570.3
DG _{HPU}	Os014383_01	S3	0.000	-1.017	P	550.750	P	500.304	P	1012.723	LOC_Os09g15820.1
DG _{HPU}	Os014449_01	S3	0.000	1.330	P	217.112	P	239.597	P	95.317	LOC_Os12g26480.2
DG _{HPU}	Os014631_01	S3	0.000	1.392	P	199.340	P	267.491	P	101.932	-
DG _{HPU}	Os014668_01	S3	-1.461	0.000	P	337.094	P	122.454	P	103.675	LOC_Os05g32720.1
DG _{HPU}	Os014701_01	S3	0.000	1.421	P	3913.837	P	3915.257	P	1462.327	-
DG _{HPU}	Os014805_01	S3	-1.282	0.000	P	464.641	P	191.055	P	179.421	LOC_Os02g57750.1
DG _{HPU}	Os014883_01	S3	1.151	0.000	P	2071.267	P	4600.193	P	5094.570	LOC_Os06g44500.1
DG _{HPU}	Os014900_01	S3	1.368	0.000	P	439.983	P	1135.581	P	1183.206	LOC_Os04g40700.3

DG _{HPU}	Os015043_01	S3	0.000	1.314	P	279.321	P	351.887	P	141.507	LOC_Os11g45220.1
DG _{HPU}	Os015062_01	S3	0.000	1.421	P	683.390	P	542.724	P	202.618	LOC_Os07g28480.1
DG _{HPU}	Os015064_01	S3	0.000	1.417	P	886.731	P	721.296	P	270.179	LOC_Os02g40010.2
DG _{HPU}	Os015155_01	S3	-1.516	0.000	P	600.648	P	210.063	P	230.925	LOC_Os01g71590.3
DG _{HPU}	Os015278_01	S3	0.000	-1.048	P	313.135	P	192.369	P	397.766	LOC_Os09g35770.1
DG _{HPU}	Os015370_01	S3	0.000	1.326	P	190.920	P	341.574	P	136.238	LOC_Os04g24180.2
DG _{HPU}	Os015461_01	S3	0.000	1.540	P	308.199	P	357.722	P	122.986	LOC_Os11g06420.1
DG _{HPU}	Os015489_01	S3	-0.970	0.000	P	413.187	P	210.890	P	172.839	-
DG _{HPU}	Os015562_01	S3	0.000	1.425	P	539.729	P	503.215	P	187.348	LOC_Os12g05730.1
DG _{HPU}	Os015572_01	S3	-1.022	0.000	P	359.425	P	176.959	P	242.083	LOC_Os02g49570.1
DG _{HPU}	Os015576_01	S3	0.000	1.276	P	259.536	P	354.824	P	146.569	LOC_Os12g18200.1
DG _{HPU}	Os015762_01	S3	0.000	1.455	P	937.562	P	734.467	P	267.886	LOC_Os03g47740.1
DG _{HPU}	Os015971_01	S3	-0.999	0.000	P	408.451	P	204.322	P	128.548	LOC_Os03g29170.1
DG _{HPU}	Os016165_01	S3	0.000	1.400	P	808.764	P	753.172	P	285.494	LOC_Os04g50216.1
DG _{HPU}	Os016171_01	S3	1.135	0.000	P	230.648	P	506.631	P	364.393	LOC_Os12g37870.1
DG _{HPU}	Os016176_01	S3	-0.944	0.000	P	331.784	P	172.486	P	148.457	LOC_Os12g18860.1
DG _{HPU}	Os016181_01	S3	0.000	1.653	P	305.549	P	302.335	P	96.159	LOC_Os09g32430.1
DG _{HPU}	Os016187_01	S3	0.000	1.366	P	291.791	P	319.404	P	123.896	LOC_Os04g42670.1
DG _{HPU}	Os016188_01	S3	0.000	1.374	P	318.039	P	292.846	P	113.012	LOC_Os01g66420.1
DG _{HPU}	Os016468_01	S3	0.000	1.284	P	144.608	P	184.331	P	75.685	LOC_Os11g08909.1
DG _{HPU}	Os016565_01	S3	0.000	1.688	P	404.664	P	419.101	P	130.043	LOC_Os07g38580.1
DG _{HPU}	Os016601_01	S3	0.000	-1.230	P	298.914	P	173.598	P	407.223	LOC_Os09g15480.1
DG _{HPU}	Os016774_01	S3	0.000	1.332	P	244.144	P	237.620	P	94.404	LOC_Os02g16450.1
DG _{HPU}	Os016789_01	S3	-1.021	0.000	P	950.066	P	468.193	P	365.552	LOC_Os01g48300.4
DG _{HPU}	Os016870_01	S3	0.000	1.857	P	608.466	P	790.224	P	218.139	LOC_Os02g56280.1
DG _{HPU}	Os016895_01	S3	0.000	1.344	P	371.763	P	399.227	P	157.301	-
DG _{HPU}	Os016919_01	S3	0.000	1.713	P	913.538	P	1372.703	P	418.638	LOC_Os02g01590.1
DG _{HPU}	Os017342_01	S3	0.000	1.518	P	306.367	P	306.874	P	107.135	LOC_Os01g58580.1
DG _{HPU}	Os017352_01	S3	1.575	0.000	P	748.338	P	2228.962	P	2078.659	-
DG _{HPU}	Os017408_01	S3	-1.076	0.000	P	286.182	P	135.738	P	162.173	LOC_Os09g12550.1
DG _{HPU}	Os017413_01	S3	0.000	1.447	P	426.276	P	347.169	P	127.349	LOC_Os01g35580.3

DG _{HPU}	Os017686_01	S3	0.000	1.516	P	962.656	P	1050.002	P	367.043	LOC_Os04g48860.2
DG _{HPU}	Os017872_01	S3	-1.166	0.000	P	390.588	P	174.115	P	176.587	LOC_Os04g12080.1
DG _{HPU}	Os017981_01	S3	-1.119	10.000	P	287.542	P	132.387	A	82.994	LOC_Os09g17680.1
DG _{HPU}	Os018018_01	S3	0.000	1.268	P	217.197	P	231.642	P	96.184	LOC_Os03g44210.2
DG _{HPU}	Os018042_01	S3	0.000	1.614	P	586.707	P	859.135	P	280.741	LOC_Os02g42940.1
DG _{HPU}	Os018050_01	S3	-0.969	0.000	P	400.700	P	204.738	P	200.062	LOC_Os01g68750.1
DG _{HPU}	Os018061_01	S3	1.114	0.000	P	153.415	P	332.035	P	355.418	LOC_Os03g15120.1
DG _{HPU}	Os018107_01	S3	0.000	1.393	P	416.922	P	385.379	P	146.765	LOC_Os02g45344.1
DG _{HPU}	Os018131_01	S3	0.000	1.293	P	351.429	P	394.493	P	160.986	LOC_Os12g42140.1
DG _{HPU}	Os018345_01	S3	1.108	0.000	P	211.355	P	455.509	P	492.520	LOC_Os12g34860.1
DG _{HPU}	Os018397_01	S3	-1.165	0.000	P	877.969	P	391.507	P	288.961	LOC_Os08g04450.4
DG _{HPU}	Os018427_01	S3	-1.281	0.000	P	460.861	P	189.649	P	212.176	LOC_Os08g34950.1
DG _{HPU}	Os018432_01	S3	1.126	0.000	P	258.627	P	564.372	P	613.930	LOC_Os08g42420.5
DG _{HPU}	Os018512_01	S3	0.000	1.540	P	304.853	P	331.761	P	114.073	LOC_Os01g65210.1
DG _{HPU}	Os018514_01	S3	0.000	1.372	P	305.601	P	280.680	P	108.468	LOC_Os09g21000.1
DG _{HPU}	Os018621_01	S3	1.163	0.000	P	617.342	P	1382.089	P	1864.478	LOC_Os09g29980.2
DG _{HPU}	Os018705_01	S3	-1.041	0.000	P	376.306	P	182.866	P	148.444	LOC_Os04g49960.1
DG _{HPU}	Os018744_01	S3	0.000	1.289	P	713.989	P	595.408	P	243.714	LOC_Os08g39630.1
DG _{HPU}	Os018766_01	S3	0.000	1.292	P	1308.014	P	905.827	P	369.869	LOC_Os04g40670.1
DG _{HPU}	Os018837_01	S3	-0.928	0.000	P	693.069	P	364.326	P	333.290	LOC_Os01g61880.1
DG _{HPU}	Os018865_01	S3	0.000	1.277	P	768.007	P	779.162	P	321.452	-
DG _{HPU}	Os019071_01	S3	-0.957	0.000	P	697.579	P	359.413	P	256.277	LOC_Os02g38840.2
DG _{HPU}	Os019114_01	S3	0.000	1.599	P	332.873	P	288.238	P	95.118	LOC_Os04g49000.1
DG _{HPU}	Os019144_01	S3	0.000	1.886	P	410.754	P	542.964	P	146.921	LOC_Os07g10600.2
DG _{HPU}	Os019163_01	S3	0.000	1.391	P	2066.703	P	2101.201	P	801.138	LOC_Os01g08560.2
DG _{HPU}	Os019255_01	S3	0.000	1.586	P	269.568	P	278.611	P	92.775	LOC_Os05g11810.1
DG _{HPU}	Os019258_01	S3	0.000	1.359	P	201.026	P	289.990	P	113.018	LOC_Os03g46190.2
DG _{HPU}	Os019296_01	S3	0.000	-1.084	P	298.241	P	290.668	P	616.184	LOC_Os04g49210.1
DG _{HPU}	Os019328_01	S3	-0.926	0.000	P	310.124	P	163.209	P	147.418	-
DG _{HPU}	Os019437_01	S3	0.000	-1.648	P	253.831	P	216.298	P	677.668	LOC_Os12g42260.2
DG _{HPU}	Os019546_01	S3	0.000	1.664	P	321.434	P	373.151	P	117.733	LOC_Os01g53000.1

DG _{HPU}	Os019634_01	S3	-1.023	0.000	P	1896.826	P	933.593	P	544.904	LOC_Os06g02380.2
DG _{HPU}	Os019923_01	S3	0.000	1.307	P	245.210	P	300.469	P	121.435	LOC_Os01g51890.1
DG _{HPU}	Os019943_01	S3	0.000	1.329	P	521.666	P	606.602	P	241.427	LOC_Os07g27490.1
DG _{HPU}	Os019988_01	S3	0.000	1.334	P	202.637	P	191.673	P	76.012	LOC_Os07g37140.1
DG _{HPU}	Os020042_01	S3	0.000	1.480	P	422.895	P	510.944	P	183.141	LOC_Os12g40550.1
DG _{HPU}	Os020133_01	S3	1.366	0.000	P	643.267	P	1657.613	P	1878.664	LOC_Os11g42030.1
DG _{HPU}	Os020193_01	S3	1.482	1.774	P	143.555	P	401.043	P	117.303	LOC_Os07g44550.1
DG _{HPU}	Os020254_01	S3	0.000	1.508	P	444.568	P	389.975	P	137.086	LOC_Os01g48330.1
DG _{HPU}	Os020277_01	S3	0.000	1.484	P	351.476	P	298.522	P	106.706	LOC_Os02g47860.2
DG _{HPU}	Os020302_01	S3	0.000	1.308	P	862.278	P	703.450	P	284.072	LOC_Os02g57180.1
DG _{HPU}	Os020343_01	S3	0.000	1.387	P	353.664	P	316.371	P	120.972	LOC_Os11g16410.1
DG _{HPU}	Os020347_01	S3	0.000	1.371	P	239.135	P	295.705	P	114.359	LOC_Os07g45350.3
DG _{HPU}	Os020349_01	S3	0.000	1.493	P	247.978	P	260.203	P	92.453	LOC_Os03g10400.3
DG _{HPU}	Os020367_01	S3	0.000	1.565	P	526.355	P	515.422	P	174.152	LOC_Os01g15630.1
DG _{HPU}	Os020369_01	S3	0.000	1.346	P	354.627	P	323.770	P	127.397	LOC_Os03g46340.1
DG _{HPU}	Os020397_01	S3	0.000	2.424	P	299.579	P	525.393	P	97.908	LOC_Os01g09640.1
DG _{HPU}	Os020402_01	S3	-0.941	0.000	P	296.827	P	154.622	P	143.150	LOC_Os02g23890.1
DG _{HPU}	Os020538_01	S3	-1.204	10.000	P	355.007	P	154.092	A	92.235	-
DG _{HPU}	Os020634_01	S3	0.000	1.538	P	266.544	P	264.869	P	91.219	LOC_Os02g50970.1
DG _{HPU}	Os020653_01	S3	0.000	1.292	P	455.435	P	826.713	P	337.721	LOC_Os11g05990.1
DG _{HPU}	Os020680_01	S3	0.000	1.629	P	223.637	P	306.348	P	99.028	LOC_Os01g65986.1
DG _{HPU}	Os020705_01	S3	0.000	1.447	P	666.468	P	577.416	P	211.800	LOC_Os01g34670.1
DG _{HPU}	Os021034_01	S3	0.000	1.399	P	258.730	P	271.702	P	103.022	LOC_Os01g17279.1
DG _{HPU}	Os021078_01	S3	0.000	1.482	P	442.465	P	384.824	P	137.771	LOC_Os03g57940.3
DG _{HPU}	Os021147_01	S3	1.169	0.000	P	170.102	P	382.578	P	247.391	LOC_Os08g35860.1
DG _{HPU}	Os021178_01	S3	0.000	1.692	P	425.126	P	423.602	P	131.131	LOC_Os04g56646.1
DG _{HPU}	Os021413_01	S3	0.000	1.571	P	537.101	P	460.362	P	154.898	LOC_Os08g25799.1
DG _{HPU}	Os021431_01	S3	0.000	1.590	P	393.573	P	463.245	P	153.919	LOC_Os01g51380.2
DG _{HPU}	Os021455_01	S3	0.000	1.792	P	1740.024	P	1938.517	P	559.956	LOC_Os03g55820.1
DG _{HPU}	Os021458_01	S3	0.000	1.275	P	1417.909	P	1228.284	P	507.505	LOC_Os07g14270.1
DG _{HPU}	Os021532_01	S3	0.000	1.656	P	341.794	P	304.769	P	96.681	LOC_Os11g34230.1

DG _{HPU}	Os021555_01	S3	0.000	1.817	P	275.933	P	374.743	P	106.341	LOC_Os05g04530.1
DG _{HPU}	Os021590_01	S3	1.179	0.000	P	1749.266	P	3960.900	P	5205.467	LOC_Os06g35560.1
DG _{HPU}	Os021857_01	S3	0.000	1.786	P	1550.246	P	1760.587	P	510.351	LOC_Os10g41200.1
DG _{HPU}	Os021904_01	S3	0.000	1.400	P	1103.285	P	1013.338	P	383.949	LOC_Os02g54980.1
DG _{HPU}	Os021927_01	S3	-0.925	0.000	P	659.237	P	347.223	P	256.033	LOC_Os05g32820.1
DG _{HPU}	Os022155_01	S3	0.000	1.447	P	388.725	P	315.572	P	115.753	LOC_Os04g58020.1
DG _{HPU}	Os022268_01	S3	0.000	-1.301	P	211.495	P	231.463	P	570.361	LOC_Os04g45460.1
DG _{HPU}	Os022683_01	S3	0.000	-0.966	P	367.259	P	385.941	P	754.072	LOC_Os01g18870.1
DG _{HPU}	Os022954_01	S3	0.000	1.708	P	584.996	P	538.472	P	164.783	LOC_Os08g34170.1
DG _{HPU}	Os023050_01	S3	0.000	1.346	P	1445.397	P	1046.384	P	411.654	LOC_Os06g02330.1
DG _{HPU}	Os023116_01	S3	2.079	1.723	P	92.327	P	390.083	P	118.137	-
DG _{HPU}	Os023212_01	S3	-0.918	10.000	P	438.436	P	231.966	A	58.238	-
DG _{HPU}	Os023497_01	S3	0.000	-1.268	P	446.802	P	331.739	P	799.121	-
DG _{HPU}	Os023653_01	S3	0.000	1.285	P	1829.397	P	1345.983	P	552.207	LOC_Os05g43140.1
DG _{HPU}	Os023998_01	S3	0.000	1.530	P	855.774	P	784.937	P	271.803	LOC_Os08g42570.1
DG _{HPU}	Os024046_01	S3	-0.919	0.000	P	492.759	P	260.637	P	174.622	LOC_Os02g44010.1
DG _{HPU}	Os024099_01	S3	-1.786	0.000	P	797.622	P	231.334	P	401.753	LOC_Os01g51690.1
DG _{HPU}	Os024827_01	S3	0.000	1.654	P	217.536	P	281.583	P	89.447	-
DG _{HPU}	Os025124_01	S3	0.000	1.498	P	742.272	P	863.681	P	305.802	LOC_Os08g30730.1
DG _{HPU}	Os025146_01	S3	0.000	1.570	P	265.313	P	288.093	P	97.035	LOC_Os06g08580.1
DG _{HPU}	Os025567_01	S3	0.000	1.490	P	629.206	P	524.855	P	186.844	LOC_Os11g28270.3
DG _{HPU}	Os025868_01	S3	1.137	0.000	P	161.711	P	355.731	P	284.031	LOC_Os03g02830.1
DG _{HPU}	Os025874_01	S3	0.000	1.445	P	634.858	P	643.711	P	236.439	LOC_Os02g53490.1
DG _{HPU}	Os025882_01	S3	-1.150	0.000	P	810.151	P	364.962	P	271.200	LOC_Os01g20830.1
DG _{HPU}	Os025897_01	S3	0.000	1.398	P	1443.580	P	1124.570	P	426.637	LOC_Os05g31062.1
DG _{HPU}	Os025904_01	S3	0.000	2.082	P	359.811	P	457.387	P	108.014	LOC_Os01g49210.1
DG _{HPU}	Os026022_01	S3	0.000	-1.196	P	448.663	P	455.647	P	1043.546	LOC_Os10g28420.1
DG _{HPU}	Os026372_01	S3	0.000	1.288	P	368.475	P	335.269	P	137.320	LOC_Os05g27530.1
DG _{HPU}	Os026917_01	S3	-1.071	-1.078	P	9226.499	P	4392.807	P	9274.304	LOC_Os04g52250.1
DG _{HPU}	Os027607_01	S3	1.280	0.000	P	101.479	P	246.446	P	262.136	LOC_Os02g07830.1
DG _{HPU}	Os027821_01	S3	-1.241	0.000	P	1046.934	P	443.068	P	330.292	LOC_Os07g37730.1

DG _{HPU}	Os028543_01	S3	0.000	1.304	P	381.820	P	316.274	P	128.052	LOC_Os03g47890.1
DG _{HPU}	Os028619_01	S3	0.000	1.456	P	149.615	P	263.970	P	96.206	LOC_Os11g14120.1
DG _{HPU}	Os028782_01	S3	0.000	-1.121	P	301.193	P	390.371	P	849.155	LOC_Os11g12810.1
DG _{HPU}	Os029050_01	S3	1.181	0.000	P	240.585	P	545.662	P	465.495	LOC_Os10g35260.1
DG _{HPU}	Os029577_01	S3	1.195	0.000	P	340.718	P	780.084	P	977.208	LOC_Os05g50340.1
DG _{HPU}	Os029655_01	S3	1.106	0.000	P	427.221	P	919.767	P	1063.056	LOC_Os07g36220.1
DG _{HPU}	Os029901_01	S3	0.000	-1.008	P	196.561	P	202.747	P	407.705	LOC_Os05g02650.1
DG _{HPU}	Os029975_01	S3	1.149	0.000	P	138.616	P	307.301	P	337.619	-
DG _{HPU}	Os030080_01	S3	-1.561	0.000	P	1002.935	P	339.840	P	472.159	LOC_Os03g45450.1
DG _{HPU}	Os030179_01	S3	0.000	-1.017	P	255.199	P	279.463	P	565.639	LOC_Os01g54540.1
DG _{HPU}	Os030366_01	S3	1.120	0.000	P	217.990	P	473.858	P	502.128	LOC_Os04g41350.1
DG _{HPU}	Os030442_01	S3	1.132	0.000	P	1555.587	P	3409.830	P	3854.323	LOC_Os06g10290.1
DG _{HPU}	Os030484_01	S3	-1.095	0.000	P	2270.374	P	1062.683	P	1122.340	-
DG _{HPU}	Os030546_01	S3	1.172	0.000	P	114.302	P	257.574	P	265.840	LOC_Os09g16270.1
DG _{HPU}	Os030652_01	S3	0.000	-1.012	P	196.414	P	281.163	P	566.895	LOC_Os06g11940.1
DG _{HPU}	Os030899_01	S3	0.000	1.834	P	466.889	P	507.123	P	142.234	LOC_Os04g53550.1
DG _{HPU}	Os030946_01	S3	0.000	1.259	P	1020.620	P	780.263	P	326.008	LOC_Os09g26470.1
DG _{HPU}	Os031177_01	S3	1.762	0.000	P	158.940	P	538.920	P	355.137	LOC_Os05g13490.1
DG _{HPU}	Os031628_01	S3	2.789	1.737	P	108.323	P	748.507	P	224.608	LOC_Os09g37290.1
DG _{HPU}	Os031725_01	S3	0.000	1.597	P	435.989	P	429.308	P	141.946	LOC_Os11g42640.1
DG _{HPU}	Os031751_01	S3	1.548	0.000	P	109.796	P	321.092	P	276.989	-
DG _{HPU}	Os031779_01	S3	-0.992	0.000	P	331.047	P	166.447	P	122.738	-
DG _{HPU}	Os031960_01	S3	1.848	0.000	P	152.148	P	547.893	P	273.123	LOC_Os11g28170.1
DG _{HPU}	Os032029_01	S3	1.452	0.000	P	95.327	P	260.741	P	280.172	-
DG _{HPU}	Os032136_01	S3	0.000	1.755	P	395.777	P	413.575	P	122.559	LOC_Os03g22634.1
DG _{HPU}	Os032469_01	S3	1.132	0.000	P	104.537	P	229.107	P	172.991	LOC_Os03g49920.1
DG _{HPU}	Os032573_01	S3	1.252	10.000	P	241.854	P	576.076	A	269.604	-
DG _{HPU}	Os032695_01	S3	1.273	0.000	P	112.340	P	271.421	P	339.779	LOC_Os05g18870.1
DG _{HPU}	Os032727_01	S3	1.196	0.000	P	148.917	P	341.265	P	433.358	LOC_Os08g04520.1
DG _{HPU}	Os032793_01	S3	0.000	1.672	P	511.457	P	500.199	P	156.970	LOC_Os07g46190.1
DG _{HPU}	Os033046_01	S3	-1.131	0.000	P	418.396	P	191.032	P	236.721	LOC_Os10g35330.1

DG _{HPU}	Os033643_01	S3	0.000	1.261	P	430.070	P	421.954	P	176.090	-
DG _{HPU}	Os033886_01	S3	1.299	0.000	P	170.628	P	419.771	P	346.813	LOC_Os08g33300.1
DG _{HPU}	Os033950_01	S3	-1.547	10.000	P	488.058	P	166.989	A	50.431	-
DG _{HPU}	Os034452_01	S3	1.202	0.000	P	111.794	P	257.114	P	320.220	LOC_Os09g02350.1
DG _{HPU}	Os034533_01	S3	1.422	0.000	P	289.173	P	774.693	P	464.021	LOC_Os05g12270.1
DG _{HPU}	Os034759_01	S3	1.647	1.271	P	643.080	P	2014.373	P	834.596	LOC_Os04g13090.1
DG _{HPU}	Os034801_01	S3	1.115	10.000	P	118.364	P	256.428	A	99.473	LOC_Os09g24310.1
DG _{HPU}	Os035128_01	S3	1.288	10.000	P	132.032	P	322.373	A	145.808	LOC_Os05g46060.1
DG _{HPU}	Os035825_01	S3	-1.462	0.000	P	508.589	P	184.574	P	142.485	-
DG _{HPU}	Os035930_01	S3	0.000	-1.418	P	246.914	P	163.277	P	436.213	LOC_Os04g31290.1
DG _{HPU}	Os037353_01	S3	0.000	1.614	P	437.062	P	414.550	P	135.400	-
DG _{HPU}	Os037594_01	S3	0.000	-0.995	P	1469.707	P	1676.965	P	3342.911	-
DG _{HPU}	Os037666_01	S3	1.241	0.000	P	109.165	P	258.064	P	288.806	LOC_Os10g26400.2
DG _{HPU}	Os037974_01	S3	0.000	-1.060	P	200.202	P	170.909	P	356.351	LOC_Os02g13460.1
DG _{HPU}	Os038937_01	S3	1.322	0.000	P	235.984	P	589.926	P	685.938	LOC_Os06g41680.1
DG _{HPU}	Os039170_01	S3	-0.948	0.000	P	1161.087	P	601.902	P	635.208	LOC_Os02g47744.4
DG _{HPU}	Os039470_01	S3	1.261	0.000	P	163.917	P	392.722	P	389.886	LOC_Os01g24350.1
DG _{HPU}	Os039580_01	S3	-1.602	10.000	P	1155.843	P	380.629	A	76.230	LOC_Os02g40180.1
DG _{HPU}	Os040246_01	S3	-1.022	0.000	P	875.018	P	430.863	P	459.539	LOC_Os08g44670.1
DG _{HPU}	Os040328_01	S3	10.000	-1.263	A	62.654	P	265.940	P	638.184	LOC_Os05g31400.1
DG _{HPU}	Os040512_01	S3	-0.945	0.000	P	574.197	P	298.201	P	170.382	LOC_Os04g54990.1
DG _{HPU}	Os041436_01	S3	-1.321	0.000	P	1054.481	P	422.106	P	350.264	LOC_Os11g47950.1
DG _{HPU}	Os041507_01	S3	1.415	0.000	P	370.056	P	986.584	P	1105.807	-
DG _{HPU}	Os042108_01	S3	0.000	-1.115	P	334.894	P	317.186	P	686.853	LOC_Os09g26580.1
DG _{HPU}	Os042254_01	S3	0.000	-1.132	P	1061.870	P	650.002	P	1424.262	LOC_Os02g26380.1
DG _{HPU}	Os042450_01	S3	0.000	1.395	P	321.881	P	250.228	P	95.177	LOC_Os11g28104.1
DG _{HPU}	Os042492_01	S3	0.000	-1.029	P	418.042	P	376.558	P	768.572	-
DG _{HPU}	Os042564_01	S3	0.000	1.420	P	295.319	P	291.682	P	109.027	LOC_Os12g12640.1
DG _{HPU}	Os042725_01	S3	0.000	1.754	P	228.479	P	256.425	P	76.002	LOC_Os07g35740.1
DG _{HPU}	Os043254_01	S3	0.000	-1.121	P	252.497	P	218.812	P	475.964	LOC_Os09g18070.1
DG _{HPU}	Os043530_01	S3	0.000	1.281	P	1378.785	P	1037.250	P	426.780	LOC_Os06g06340.1

DG _{HPU}	Os043706_01	S3	0.000	1.589	P	283.419	P	403.180	P	134.038	LOC_Os08g13790.1
DG _{HPU}	Os043735_01	S3	0.000	1.374	P	564.826	P	475.524	P	183.504	LOC_Os05g04380.1
DG _{HPU}	Os044089_01	S3	0.000	-1.182	P	397.007	P	373.329	P	847.000	LOC_Os07g12450.1
DG _{HPU}	Os044334_01	S3	0.000	1.259	P	239.450	P	222.386	P	92.945	LOC_Os06g15020.1
DG _{HPU}	Os044467_01	S3	0.000	1.442	P	1359.797	P	1406.096	P	517.361	LOC_Os03g63310.1
DG _{HPU}	Os044477_01	S3	0.000	1.541	P	272.552	P	223.651	P	76.879	LOC_Os12g10800.1
DG _{HPU}	Os045285_01	S3	0.000	1.531	P	611.179	P	496.124	P	171.669	LOC_Os12g09720.1
DG _{HPU}	Os045308_01	S3	0.000	1.348	P	169.764	P	223.023	P	87.640	LOC_Os06g37250.1
DG _{HPU}	Os045521_01	S3	1.300	0.000	P	299.250	P	736.758	P	855.011	-
DG _{HPU}	Os045563_01	S3	0.000	1.344	P	296.159	P	324.002	P	127.629	LOC_Os08g15950.1
DG _{HPU}	Os045661_01	S3	0.000	1.410	P	638.373	P	659.015	P	248.024	LOC_Os10g23180.1
DG _{HPU}	Os045861_01	S3	1.245	0.000	P	479.469	P	1136.729	P	1336.020	LOC_Os09g19200.1
DG _{HPU}	Os046004_01	S3	1.133	0.000	P	788.437	P	1729.470	P	2325.441	LOC_Os02g24410.1
DG _{HPU}	Os046150_01	S3	0.000	1.291	P	231.060	P	231.822	P	94.737	LOC_Os10g40450.1
DG _{HPU}	Os046492_01	S3	0.000	-1.113	P	729.376	P	634.354	P	1372.472	LOC_Os10g11012.1
DG _{HPU}	Os046947_01	S3	1.319	0.000	P	124.081	P	309.567	P	376.957	-
DG _{HPU}	Os047419_01	S3	-0.963	0.000	P	482.037	P	247.231	P	297.979	LOC_Os04g01250.2
DG _{HPU}	Os047560_01	S3	0.000	1.638	P	1182.610	P	1455.186	P	467.621	LOC_Os07g12890.1
DG _{HPU}	Os048275_01	S3	1.118	0.000	P	156.475	P	339.625	P	190.562	LOC_Os07g48190.1
DG _{HPU}	Os048291_01	S3	0.000	1.339	P	376.976	P	292.996	P	115.854	LOC_Os05g20840.1
DG _{HPU}	Os048583_01	S3	-0.944	0.000	P	323.961	P	168.400	P	200.388	LOC_Os01g67670.1
DG _{HPU}	Os048884_01	S3	0.000	1.336	P	222.175	P	218.583	P	86.593	LOC_Os10g02390.1
DG _{HPU}	Os049029_01	S3	-1.583	0.000	P	441.412	P	147.370	P	129.003	LOC_Os02g46770.1
DG _{HPU}	Os049068_01	S3	0.000	-0.974	P	245.442	P	356.993	P	701.204	-
DG _{HPU}	Os050258_01	S3	0.000	-1.082	P	365.103	P	434.586	P	920.167	LOC_Os12g22230.1
DG _{HPU}	Os050266_01	S3	0.000	1.448	P	535.871	P	640.785	P	234.794	LOC_Os04g43720.1
DG _{HPU}	Os051181_01	S3	1.230	0.000	P	539.589	P	1265.729	P	1556.903	-
DG _{HPU}	Os051254_01	S3	1.186	0.000	P	535.026	P	1216.970	P	1641.699	-
DG _{HPU}	Os051919_01	S3	-0.989	0.000	P	2059.416	P	1037.692	P	926.877	LOC_Os12g02310.1
DG _{HPU}	Os052029_01	S3	0.000	1.301	P	823.476	P	752.405	P	305.399	LOC_Os07g42300.1
DG _{HPU}	Os052072_01	S3	0.000	1.712	P	267.102	P	325.225	P	99.261	LOC_Os12g26290.2

DG _{HPU}	Os052088_01	S3	0.000	1.322	P	437.479	P	472.228	P	188.921	LOC_Os03g14630.1
DG _{HPU}	Os052160_01	S3	0.000	1.866	P	597.229	P	804.094	P	220.657	LOC_Os01g58420.1
DG _{HPU}	Os052183_01	S3	0.000	1.460	P	340.411	P	325.161	P	118.178	LOC_Os01g66960.1
DG _{HPU}	Os052213_01	S3	0.000	-1.025	P	1052.653	P	631.566	P	1285.526	LOC_Os01g22900.1
DG _{HPU}	Os052280_01	S3	0.000	1.274	P	791.701	P	962.444	P	397.892	LOC_Os03g29260.2
DG _{HPU}	Os052435_01	S3	-0.918	0.000	P	540.270	P	286.017	P	194.799	-
DG _{HPU}	Os052475_01	S3	0.000	1.619	P	282.647	P	446.674	P	145.441	LOC_Os02g47000.1
DG _{HPU}	Os052484_01	S3	1.126	2.389	P	1113.419	P	2429.760	P	463.762	LOC_Os02g20360.1
DG _{HPU}	Os052507_01	S3	0.000	1.402	P	422.956	P	373.129	P	141.145	LOC_Os05g06350.1
DG _{HPU}	Os052535_01	S3	0.000	-1.143	P	1172.922	P	770.709	P	1702.609	LOC_Os03g54160.2
DG _{HPU}	Os052753_01	S3	0.000	1.294	P	203.764	P	250.525	P	102.137	LOC_Os03g25770.2
DG _{HPU}	Os052801_01	S3	0.000	1.432	P	294.249	P	238.045	P	88.233	LOC_Os07g46350.1
DG _{HPU}	Os052844_01	S3	0.000	1.958	P	949.063	P	1167.342	P	300.549	-
DG _{HPU}	Os053269_01	S3	0.000	1.750	P	437.998	P	484.606	P	144.069	LOC_Os05g46620.1
DG _{HPU}	Os053550_01	S3	0.000	1.851	P	730.808	P	752.229	P	208.489	LOC_Os03g56370.1
DG _{HPU}	Os053642_01	S3	0.000	1.472	P	301.888	P	422.672	P	152.336	LOC_Os01g67490.2
DG _{HPU}	Os053967_01	S3	0.000	-1.142	P	869.929	P	855.616	P	1888.722	LOC_Os01g05850.1
DG _{HPU}	Os054260_01	S3	0.000	1.550	P	243.572	P	290.409	P	99.143	LOC_Os04g14790.1
DG _{HPU}	Os054377_01	S3	0.000	1.705	P	324.865	P	440.790	P	135.191	LOC_Os05g31140.1
DG _{HPU}	Os054590_01	S3	1.153	0.000	P	365.466	P	812.621	P	778.981	LOC_Os03g09250.2
DG _{HPU}	Os054637_01	S3	0.000	1.725	P	477.672	P	550.699	P	166.588	LOC_Os09g26880.1
DG _{HPU}	Os054700_01	S3	0.000	1.699	P	3586.978	P	4377.187	P	1348.555	LOC_Os07g44330.2
DG _{HPU}	Os054724_01	S3	0.000	1.476	P	717.453	P	647.052	P	232.587	LOC_Os09g35730.1
DG _{HPU}	Os054730_01	S3	0.000	2.002	P	554.886	P	622.073	P	155.340	LOC_Os05g01050.2
DG _{HPU}	Os054747_01	S3	0.000	1.932	P	340.192	P	492.696	P	129.089	LOC_Os05g06270.1
DG _{HPU}	Os054752_01	S3	0.000	1.276	P	2695.788	P	2017.469	P	833.350	-
DG _{HPU}	Os054785_01	S3	0.000	1.267	P	1613.848	P	1227.024	P	509.900	LOC_Os01g09220.1
DG _{HPU}	Os054974_01	S3	0.000	2.118	P	359.759	P	446.569	P	102.906	-
DG _{HPU}	Os054975_01	S3	0.000	1.423	P	330.309	P	263.505	P	98.241	LOC_Os04g33990.1
DG _{HPU}	Os055027_01	S3	0.000	1.439	P	258.400	P	280.606	P	103.521	LOC_Os04g52460.1
DG _{HPU}	Os055071_01	S3	0.000	1.752	P	488.719	P	527.948	P	156.754	LOC_Os10g10500.1

DG _{HPU}	Os055094_01	S3	0.000	1.439	P	432.152	P	486.738	P	179.534	LOC_Os07g14590.1
DG _{HPU}	Os055100_01	S3	0.000	1.540	P	290.115	P	352.962	P	121.352	LOC_Os01g69940.1
DG _{HPU}	Os055116_01	S3	0.000	1.877	P	215.859	P	262.145	P	71.355	LOC_Os10g17770.1
DG _{HPU}	Os055122_01	S3	0.000	1.437	P	484.925	P	429.800	P	158.775	LOC_Os04g42380.1
DG _{HPU}	Os055198_01	S3	1.169	0.000	P	223.927	P	503.493	P	464.234	LOC_Os04g46980.1
DG _{HPU}	Os055253_01	S3	0.000	1.279	P	266.385	P	340.585	P	140.342	-
DG _{HPU}	Os055308_01	S3	10.000	1.940	A	330.660	P	621.442	P	161.931	LOC_Os07g48020.1
DG _{HPU}	Os055417_02	S3	0.000	1.512	P	369.646	P	423.220	P	148.423	-
DG _{HPU}	Os055679_01	S3	0.000	1.419	P	407.311	P	498.655	P	186.530	LOC_Os01g12270.1
DG _{HPU}	Os055763_01	S3	0.000	1.473	P	898.122	P	736.847	P	265.413	-
DG _{HPU}	Os055855_01	S3	0.000	1.579	P	271.274	P	345.031	P	115.494	LOC_Os01g70930.1
DG _{HPU}	Os056478_01	S3	1.144	0.000	P	137.719	P	304.362	P	251.859	LOC_Os07g02000.1
DG _{HPU}	Os056914_02	S3	1.541	0.000	P	263.045	P	765.441	P	704.520	LOC_Os03g51600.1
DG _{HPU}	Os056919_02	S3	-1.240	0.000	P	473.297	P	200.363	P	152.053	-
DG _{HPU}	Os056921_02	S3	0.000	1.366	P	289.114	P	313.278	P	121.562	-
DG _{HPU}	Os056923_02	S3	1.484	0.000	P	105.706	P	295.766	P	307.351	LOC_Os02g06584.2
DG _{HPU}	Os056940_02	S3	1.433	0.000	P	106.182	P	286.725	P	263.477	-
DG _{HPU}	Os057173_02	S3	10.000	-1.212	A	171.859	P	249.794	P	578.593	LOC_Os12g37260.1
DG _{HPU}	Os057211_02	S3	1.270	0.000	P	187.219	P	451.530	P	306.597	LOC_Os01g05970.1
DG _{HPU}	Os057284_02	S3	1.156	0.000	P	310.805	P	692.596	P	559.044	LOC_Os07g02800.3
DG _{HPU}	Os057402_02	S3	10.000	1.764	A	435.279	P	454.841	P	133.942	-
DG _{HPU}	GeneID	S6	log2(Ratio(L/9))			log2(Ratio(L/P))	Fi.leaf_9311.flag	Fi.leaf_9311		Fi.leaf_LYP9.flag	Fi.leaf_LYP9
	Fi.leaf_PA64s.flag		Fi.leaf_PA64s		TIGR5.id						
DG _{HPU}	Os000062_01	S6	-1.259	0.000	P	560.776	P	234.324	P	324.987	LOC_Os01g55570.1
DG _{HPU}	Os000111_01	S6	0.000	1.142	P	298.687	P	335.534	P	152.079	LOC_Os11g32880.1
DG _{HPU}	Os000152_01	S6	-1.017	0.000	P	759.778	P	375.376	P	615.459	LOC_Os02g49680.1
DG _{HPU}	Os000254_01	S6	-1.088	0.000	P	25731.349	P	12107.660	P	16646.660	-
DG _{HPU}	Os000271_01	S6	-1.094	0.000	P	512.264	P	240.054	P	254.452	LOC_Os02g22100.7
DG _{HPU}	Os000429_01	S6	1.076	1.115	P	254.715	P	537.056	P	248.024	LOC_Os01g68770.1
DG _{HPU}	Os000445_01	S6	0.962	0.000	P	449.403	P	875.559	P	517.017	LOC_Os01g37910.1
DG _{HPU}	Os000548_01	S6	-0.994	0.000	P	558.767	P	280.491	P	398.197	LOC_Os07g09040.1

DG _{HPU}	Os000862_01	S6	10.000	-1.054	A	146.160	P	300.086	P	623.162	LOC_Os07g25440.2
DG _{HPU}	Os000918_01	S6	0.000	-0.957	P	383.363	P	226.494	P	439.790	LOC_Os11g44960.1
DG _{HPU}	Os001011_01	S6	-1.205	0.000	P	795.638	P	345.239	P	507.951	LOC_Os02g43670.1
DG _{HPU}	Os001096_01	S6	0.000	-0.829	P	191.799	P	160.145	P	284.404	LOC_Os12g06670.1
DG _{HPU}	Os001220_01	S6	0.000	0.957	P	450.280	P	445.988	P	229.753	LOC_Os06g21110.1
DG _{HPU}	Os001579_01	S6	0.940	0.000	P	1043.764	P	2002.795	P	1258.075	LOC_Os10g36170.1
DG _{HPU}	Os001682_01	S6	-1.073	0.000	P	1175.180	P	558.595	P	717.592	-
DG _{HPU}	Os001884_01	S6	2.445	1.856	P	239.627	P	1304.415	P	360.215	LOC_Os03g60580.1
DG _{HPU}	Os001958_01	S6	-1.509	-1.252	P	2433.061	P	854.770	P	2036.470	LOC_Os02g37060.1
DG _{HPU}	Os002058_01	S6	0.000	-0.895	P	183.564	P	147.513	P	274.390	LOC_Os07g38790.1
DG _{HPU}	Os002360_01	S6	-1.301	0.000	P	980.832	P	398.143	P	617.984	LOC_Os01g72260.1
DG _{HPU}	Os002417_01	S6	-1.002	10.000	P	377.206	P	188.300	A	110.693	LOC_Os06g10780.1
DG _{HPU}	Os002532_01	S6	0.990	0.000	P	179.319	P	356.120	P	249.596	LOC_Os03g60260.1
DG _{HPU}	Os002648_01	S6	-1.029	0.000	P	9020.910	P	4419.306	P	7505.961	LOC_Os08g32060.1
DG _{HPU}	Os002743_01	S6	-1.172	0.000	P	519.197	P	230.432	P	335.950	LOC_Os03g28080.1
DG _{HPU}	Os002918_01	S6	0.000	-0.866	P	952.518	P	681.060	P	1241.623	LOC_Os05g38680.1
DG _{HPU}	Os002979_01	S6	-0.929	0.000	P	551.147	P	289.448	P	391.929	-
DG _{HPU}	Os003024_01	S6	10.000	-0.777	A	170.085	P	697.789	P	1196.067	LOC_Os01g07520.1
DG _{HPU}	Os003691_01	S6	0.000	-0.785	P	1462.657	P	1632.120	P	2813.177	LOC_Os12g31460.1
DG _{HPU}	Os003776_01	S6	0.938	0.000	P	2700.149	P	5172.519	P	4819.137	LOC_Os12g38290.1
DG _{HPU}	Os003879_01	S6	1.077	0.000	P	354.477	P	747.907	P	517.021	LOC_Os02g30110.1
DG _{HPU}	Os003956_02	S6	-1.044	10.000	P	357.634	P	173.476	A	93.235	-
DG _{HPU}	Os004399_01	S6	-1.517	10.000	P	1889.798	P	660.314	A	62.993	LOC_Os02g40180.1
DG _{HPU}	Os004826_01	S6	-1.236	-0.821	P	943.156	P	400.432	P	707.546	LOC_Os02g13890.1
DG _{HPU}	Os006842_01	S6	-1.401	0.000	P	501.646	P	190.020	P	318.112	LOC_Os01g45274.4
DG _{HPU}	Os007273_01	S6	-1.094	0.000	P	501.316	P	234.899	P	359.118	LOC_Os03g05920.1
DG _{HPU}	Os008199_01	S6	-1.349	0.000	P	535.949	P	210.436	P	259.243	LOC_Os11g44990.1
DG _{HPU}	Os008411_01	S6	0.930	1.168	P	627.323	P	1194.836	P	531.610	LOC_Os09g38560.1
DG _{HPU}	Os008548_01	S6	2.198	2.138	P	326.677	P	1499.454	P	340.662	LOC_Os03g02190.1
DG _{HPU}	Os008620_01	S6	0.000	-0.911	P	887.647	P	792.749	P	1491.093	LOC_Os02g17920.1
DG _{HPU}	Os008685_01	S6	0.000	-1.298	P	522.965	P	334.402	P	822.499	-

DG _{HPU}	Os008721_01	S6	0.000	0.810	P	261.362	P	262.743	P	149.895	LOC_Os03g17740.1
DG _{HPU}	Os008761_01	S6	1.568	0.852	P	277.192	P	821.580	P	455.044	LOC_Os02g32580.1
DG _{HPU}	Os008866_01	S6	-1.042	0.000	P	663.827	P	322.341	P	433.367	LOC_Os10g10180.1
DG _{HPU}	Os008979_01	S6	0.000	-1.194	P	4743.524	P	3003.002	P	6868.550	LOC_Os01g17170.1
DG _{HPU}	Os008980_01	S6	-0.948	0.000	P	877.189	P	454.557	P	657.515	LOC_Os08g10450.1
DG _{HPU}	Os009063_01	S6	0.000	1.636	P	365.632	P	551.532	P	177.416	LOC_Os04g43650.2
DG _{HPU}	Os009237_01	S6	-1.048	0.000	P	856.135	P	414.058	P	501.311	LOC_Os12g08830.1
DG _{HPU}	Os009268_01	S6	0.000	1.137	P	169.835	P	310.740	P	141.268	LOC_Os01g43851.1
DG _{HPU}	Os009448_01	S6	-1.081	0.000	P	2503.818	P	1183.162	P	1892.630	LOC_Os08g02630.1
DG _{HPU}	Os009532_01	S6	0.000	-1.007	P	2109.952	P	1899.473	P	3818.349	LOC_Os07g08030.1
DG _{HPU}	Os009556_01	S6	0.000	0.938	P	3686.721	P	4565.590	P	2383.468	LOC_Os03g59320.1
DG _{HPU}	Os009558_01	S6	-1.146	0.000	P	377.090	P	170.367	P	248.840	LOC_Os06g49160.1
DG _{HPU}	Os009631_01	S6	1.137	0.000	P	204.124	P	448.778	P	332.140	LOC_Os12g04150.1
DG _{HPU}	Os009705_01	S6	1.160	0.000	P	408.486	P	912.777	P	538.223	LOC_Os03g05280.1
DG _{HPU}	Os009738_01	S6	0.000	0.992	P	644.184	P	961.023	P	483.085	LOC_Os11g34720.1
DG _{HPU}	Os009800_01	S6	0.000	0.912	P	232.516	P	254.712	P	135.325	LOC_Os03g54050.1
DG _{HPU}	Os009883_01	S6	-1.035	-1.153	P	5223.447	P	2548.624	P	5665.987	LOC_Os02g51080.1
DG _{HPU}	Os009986_01	S6	0.957	1.090	P	672.310	P	1305.369	P	613.267	-
DG _{HPU}	Os010031_01	S6	1.056	0.000	P	413.266	P	859.284	P	715.063	LOC_Os11g18940.1
DG _{HPU}	Os010109_01	S6	-1.023	0.000	P	1198.272	P	589.626	P	994.379	LOC_Os02g55060.2
DG _{HPU}	Os010115_01	S6	-1.103	0.000	P	573.229	P	266.957	P	373.354	LOC_Os09g36040.1
DG _{HPU}	Os010135_01	S6	0.000	-0.854	P	135.155	P	152.700	P	276.089	-
DG _{HPU}	Os010171_01	S6	0.000	1.367	P	225.578	P	300.730	P	116.627	-
DG _{HPU}	Os010179_01	S6	-0.955	0.000	P	250.825	P	129.370	P	137.200	LOC_Os09g30410.1
DG _{HPU}	Os010486_01	S6	0.000	0.883	P	218.180	P	358.602	P	194.431	-
DG _{HPU}	Os010517_01	S6	0.000	-0.803	P	259.324	P	193.958	P	338.375	LOC_Os08g16830.1
DG _{HPU}	Os010586_01	S6	-0.930	0.000	P	2798.318	P	1468.446	P	2350.452	LOC_Os10g41720.1
DG _{HPU}	Os010653_01	S6	0.987	0.000	P	166.376	P	329.665	P	291.379	LOC_Os12g44180.1
DG _{HPU}	Os010804_01	S6	1.061	0.000	P	568.235	P	1185.553	P	919.614	LOC_Os02g54140.1
DG _{HPU}	Os010883_01	S6	1.459	1.344	P	179.242	P	492.655	P	194.133	LOC_Os03g19290.1
DG _{HPU}	Os010912_01	S6	0.000	1.503	P	468.809	P	663.254	P	233.965	LOC_Os06g23870.1

DG _{HPU}	Os010924_01	S6	1.406	1.758	P	869.874	P	2305.016	P	681.592	LOC_Os09g39940.1
DG _{HPU}	Os010942_01	S6	1.143	1.212	P	883.619	P	1951.001	P	842.289	LOC_Os06g44180.1
DG _{HPU}	Os010946_01	S6	0.000	-0.931	P	231.803	P	143.846	P	274.223	LOC_Os03g17200.1
DG _{HPU}	Os011001_01	S6	1.033	1.074	P	409.850	P	838.444	P	398.333	LOC_Os05g46480.4
DG _{HPU}	Os011754_01	S6	1.083	0.000	P	114.759	P	243.039	P	205.882	LOC_Os05g09380.3
DG _{HPU}	Os011915_01	S6	0.000	-0.959	P	373.203	P	349.342	P	679.340	LOC_Os05g49800.1
DG _{HPU}	Os011997_01	S6	1.061	10.000	P	143.615	P	299.644	A	329.856	LOC_Os10g32348.1
DG _{HPU}	Os012023_01	S6	0.000	1.266	P	245.150	P	323.080	P	134.375	LOC_Os02g14770.3
DG _{HPU}	Os012086_01	S6	-1.243	-0.783	P	1083.916	P	458.010	P	788.367	LOC_Os06g44890.1
DG _{HPU}	Os012098_01	S6	-1.003	10.000	P	336.642	P	168.009	A	126.357	LOC_Os08g38990.3
DG _{HPU}	Os012135_01	S6	0.000	1.036	P	310.727	P	325.674	P	158.814	LOC_Os04g35280.1
DG _{HPU}	Os012343_01	S6	0.992	0.000	P	222.027	P	441.652	P	438.207	LOC_Os02g46460.1
DG _{HPU}	Os012369_01	S6	1.184	0.000	P	177.033	P	402.201	P	251.406	LOC_Os10g07229.1
DG _{HPU}	Os012444_01	S6	0.000	0.805	P	176.047	P	232.380	P	132.988	LOC_Os03g21030.1
DG _{HPU}	Os012465_01	S6	0.000	0.906	P	304.002	P	435.617	P	232.521	LOC_Os02g46962.3
DG _{HPU}	Os012472_01	S6	0.000	1.024	P	301.973	P	514.365	P	252.885	LOC_Os02g35190.2
DG _{HPU}	Os012547_01	S6	-0.964	0.000	P	1317.752	P	675.549	P	773.507	LOC_Os02g10350.1
DG _{HPU}	Os012869_01	S6	-1.652	-0.855	P	829.210	P	263.785	P	477.116	LOC_Os02g08230.1
DG _{HPU}	Os013023_01	S6	1.088	0.000	P	213.387	P	453.671	P	316.339	LOC_Os06g24730.1
DG _{HPU}	Os013150_01	S6	0.000	0.863	P	224.440	P	194.698	P	107.060	-
DG _{HPU}	Os013232_01	S6	0.000	-0.925	P	3312.898	P	3125.074	P	5933.504	LOC_Os03g56280.1
DG _{HPU}	Os013283_01	S6	0.000	-0.853	P	268.135	P	184.195	P	332.807	LOC_Os05g33280.1
DG _{HPU}	Os013356_01	S6	10.000	-1.314	A	80.158	P	227.187	P	564.782	LOC_Os07g40974.1
DG _{HPU}	Os013388_01	S6	0.000	0.822	P	2368.781	P	2581.667	P	1460.468	LOC_Os01g07120.2
DG _{HPU}	Os013389_01	S6	0.000	0.978	P	579.333	P	835.772	P	424.167	LOC_Os09g36220.1
DG _{HPU}	Os013398_01	S6	-1.142	-0.839	P	889.810	P	403.279	P	721.401	LOC_Os03g20700.2
DG _{HPU}	Os013494_01	S6	0.000	-0.767	P	752.844	P	742.187	P	1263.160	LOC_Os04g21790.1
DG _{HPU}	Os013529_01	S6	0.000	0.903	P	368.025	P	423.039	P	226.262	-
DG _{HPU}	Os013712_01	S6	-1.049	-0.882	P	24514.019	P	11848.624	P	21842.493	LOC_Os09g26810.1
DG _{HPU}	Os013775_01	S6	0.000	-0.821	P	151.131	P	178.407	P	315.202	LOC_Os01g48930.1
DG _{HPU}	Os013863_01	S6	0.952	10.000	P	95.654	P	185.090	A	198.743	LOC_Os01g07700.3

DG _{HPU}	Os013891_01	S6	1.098	0.000	P	134.613	P	288.161	P	256.561	LOC_Os12g18110.1
DG _{HPU}	Os013937_01	S6	-0.908	0.000	P	881.349	P	469.541	P	550.830	LOC_Os05g07860.1
DG _{HPU}	Os014048_01	S6	-0.952	0.000	P	348.720	P	180.306	P	167.442	LOC_Os07g29240.1
DG _{HPU}	Os014072_01	S6	-1.018	0.000	P	592.917	P	292.799	P	378.734	LOC_Os01g46760.1
DG _{HPU}	Os014249_01	S6	-1.062	0.000	P	498.698	P	238.858	P	325.112	LOC_Os06g28194.1
DG _{HPU}	Os014269_01	S6	0.000	-1.151	P	680.864	P	417.218	P	926.681	LOC_Os01g68450.1
DG _{HPU}	Os014285_01	S6	0.000	-0.840	P	619.683	P	459.815	P	823.074	LOC_Os08g14440.2
DG _{HPU}	Os014320_01	S6	-0.928	0.000	P	827.872	P	435.062	P	388.942	LOC_Os03g17570.3
DG _{HPU}	Os014410_01	S6	0.000	-0.899	P	465.395	P	381.940	P	711.988	LOC_Os08g23410.1
DG _{HPU}	Os014505_01	S6	0.000	1.152	P	341.148	P	566.039	P	254.630	LOC_Os03g37830.1
DG _{HPU}	Os014988_01	S6	0.000	0.886	P	251.811	P	405.429	P	219.421	LOC_Os12g09300.1
DG _{HPU}	Os015774_01	S6	0.000	-0.771	P	195.091	P	182.865	P	312.107	LOC_Os05g34010.1
DG _{HPU}	Os015775_01	S6	0.000	-0.827	P	341.490	P	204.880	P	363.354	LOC_Os07g23410.2
DG _{HPU}	Os015790_01	S6	1.166	1.182	P	572.255	P	1283.817	P	565.863	-
DG _{HPU}	Os015868_01	S6	1.145	10.000	P	140.018	P	309.712	A	156.144	LOC_Os03g13540.1
DG _{HPU}	Os016064_01	S6	1.014	1.142	P	182.525	P	368.595	P	167.019	LOC_Os03g59180.2
DG _{HPU}	Os016131_01	S6	0.000	0.821	P	419.515	P	365.201	P	206.669	LOC_Os07g42500.1
DG _{HPU}	Os016155_01	S6	0.000	1.024	P	550.476	P	615.058	P	302.524	LOC_Os02g57600.1
DG _{HPU}	Os016235_01	S6	0.000	0.914	P	330.009	P	374.614	P	198.809	LOC_Os02g58150.2
DG _{HPU}	Os016238_01	S6	-1.055	10.000	P	451.334	P	217.169	A	109.435	LOC_Os08g35740.1
DG _{HPU}	Os016615_01	S6	0.000	-0.813	P	1181.221	P	1032.525	P	1814.283	LOC_Os11g05050.2
DG _{HPU}	Os016657_01	S6	0.000	0.870	P	1460.167	P	1677.296	P	917.753	LOC_Os01g50200.1
DG _{HPU}	Os016661_01	S6	0.000	-0.879	P	318.345	P	253.186	P	465.488	LOC_Os08g25734.1
DG _{HPU}	Os016793_01	S6	0.000	0.828	P	222.747	P	281.011	P	158.303	LOC_Os02g52780.1
DG _{HPU}	Os016867_01	S6	-1.170	0.000	P	575.147	P	255.553	P	319.067	LOC_Os08g43390.1
DG _{HPU}	Os016882_01	S6	0.000	0.918	P	204.741	P	293.189	P	155.188	LOC_Os08g39370.1
DG _{HPU}	Os016916_01	S6	10.000	1.020	A	87.601	P	281.765	P	138.905	LOC_Os03g05390.6
DG _{HPU}	Os016919_01	S6	1.885	1.831	P	1172.479	P	4330.277	P	1217.126	LOC_Os02g01590.1
DG _{HPU}	Os017149_01	S6	0.000	-0.889	P	1427.068	P	1394.480	P	2582.033	LOC_Os03g01030.1
DG _{HPU}	Os017238_01	S6	0.000	0.903	P	407.786	P	479.260	P	256.248	LOC_Os07g01820.1
DG _{HPU}	Os017376_01	S6	1.239	0.000	P	319.155	P	753.139	P	531.473	LOC_Os07g48100.1

DG _{HPU}	Os017409_01	S6	-0.984	0.000	P	3956.018	P	2000.162	P	1973.130	LOC_Os12g01449.1
DG _{HPU}	Os017440_01	S6	0.000	-0.819	P	239.385	P	231.268	P	407.985	LOC_Os10g01134.1
DG _{HPU}	Os017442_01	S6	-0.971	-0.861	P	2229.610	P	1137.636	P	2065.961	LOC_Os02g20860.1
DG _{HPU}	Os017640_01	S6	-1.341	0.000	P	1304.653	P	515.167	P	821.293	LOC_Os05g22614.1
DG _{HPU}	Os017690_01	S6	0.000	0.909	P	9479.017	P	9279.485	P	4942.753	LOC_Os07g01020.1
DG _{HPU}	Os017692_01	S6	0.000	0.896	P	128.591	P	242.817	P	130.450	-
DG _{HPU}	Os017944_01	S6	-1.282	-0.846	P	5172.282	P	2127.702	P	3824.578	LOC_Os04g18090.1
DG _{HPU}	Os017954_01	S6	0.998	0.000	P	187.351	P	374.246	P	330.098	LOC_Os08g04840.1
DG _{HPU}	Os017967_01	S6	0.000	-0.836	P	208.349	P	206.487	P	368.702	LOC_Os05g49880.1
DG _{HPU}	Os018024_01	S6	0.000	-0.788	P	193.549	P	165.432	P	285.628	LOC_Os03g11960.1
DG _{HPU}	Os018042_01	S6	0.000	0.931	P	624.750	P	694.218	P	364.002	LOC_Os02g42940.1
DG _{HPU}	Os018085_01	S6	10.000	0.869	A	128.424	P	267.379	P	146.404	LOC_Os01g65660.1
DG _{HPU}	Os018086_01	S6	1.014	1.063	P	336.137	P	678.782	P	324.802	-
DG _{HPU}	Os018138_01	S6	0.000	-0.830	P	301.788	P	223.753	P	397.801	LOC_Os10g36000.2
DG _{HPU}	Os018190_01	S6	0.984	0.000	P	127.063	P	251.368	P	238.864	LOC_Os01g43700.2
DG _{HPU}	Os018256_01	S6	0.000	-1.081	P	2039.636	P	1297.562	P	2744.191	LOC_Os04g53230.1
DG _{HPU}	Os018324_01	S6	1.002	0.000	P	188.865	P	378.313	P	317.784	LOC_Os06g01250.1
DG _{HPU}	Os018378_01	S6	0.000	-0.960	P	667.122	P	712.051	P	1385.029	LOC_Os08g02210.2
DG _{HPU}	Os018414_01	S6	-1.013	10.000	P	292.532	P	144.904	A	102.585	LOC_Os07g28910.1
DG _{HPU}	Os018710_01	S6	0.000	1.051	P	395.592	P	702.005	P	338.831	LOC_Os09g09830.1
DG _{HPU}	Os018960_01	S6	0.000	-0.787	P	4576.879	P	3054.315	P	5270.174	LOC_Os03g52840.1
DG _{HPU}	Os018965_01	S6	0.000	0.823	P	512.183	P	470.546	P	265.989	LOC_Os03g62200.1
DG _{HPU}	Os019237_01	S6	0.000	1.097	P	4150.430	P	4947.263	P	2312.654	LOC_Os01g37690.1
DG _{HPU}	Os019246_01	S6	1.387	10.000	P	130.143	P	340.427	A	500.535	LOC_Os09g34160.1
DG _{HPU}	Os019400_01	S6	0.947	0.000	P	105.320	P	203.074	P	221.516	LOC_Os01g70790.1
DG _{HPU}	Os019413_01	S6	-1.437	0.000	P	672.223	P	248.276	P	343.785	LOC_Os07g49110.1
DG _{HPU}	Os019636_01	S6	0.000	0.861	P	2736.416	P	2636.194	P	1451.633	-
DG _{HPU}	Os020145_01	S6	0.000	-0.936	P	677.248	P	538.532	P	1030.445	LOC_Os07g22930.3
DG _{HPU}	Os020363_01	S6	0.000	0.907	P	316.567	P	327.210	P	174.495	LOC_Os02g21260.1
DG _{HPU}	Os020616_01	S6	10.000	-0.872	A	118.728	P	187.833	P	343.724	LOC_Os02g53140.1
DG _{HPU}	Os020903_01	S6	1.153	0.000	P	1039.572	P	2311.785	P	1357.474	LOC_Os03g17870.1

DG _{HPU}	Os020947_01	S6	1.115	1.237	P	1069.835	P	2317.864	P	983.278	LOC_Os03g16500.2
DG _{HPU}	Os020962_01	S6	0.000	0.827	P	525.701	P	602.260	P	339.537	LOC_Os10g41930.2
DG _{HPU}	Os021189_01	S6	0.000	-0.887	P	263.809	P	294.713	P	545.206	LOC_Os01g69080.1
DG _{HPU}	Os021454_01	S6	0.000	0.841	P	732.604	P	914.422	P	510.377	LOC_Os03g37970.1
DG _{HPU}	Os021455_01	S6	0.000	0.860	P	716.476	P	858.876	P	473.189	LOC_Os03g55820.1
DG _{HPU}	Os021583_01	S6	0.000	-0.831	P	669.223	P	373.162	P	663.839	LOC_Os04g41870.1
DG _{HPU}	Os021728_01	S6	0.000	1.012	P	1474.825	P	1585.555	P	786.129	LOC_Os07g23430.1
DG _{HPU}	Os021764_01	S6	0.921	0.000	P	175.198	P	331.663	P	259.965	LOC_Os05g44340.1
DG _{HPU}	Os021857_01	S6	0.000	0.982	P	1253.706	P	1223.363	P	619.419	LOC_Os10g41200.1
DG _{HPU}	Os021892_01	S6	10.000	-0.769	A	112.733	P	147.112	P	250.663	LOC_Os05g07060.1
DG _{HPU}	Os021926_01	S6	-0.928	0.000	P	2748.225	P	1444.895	P	1872.876	LOC_Os12g41920.3
DG _{HPU}	Os021978_01	S6	0.000	-0.773	P	1539.744	P	1127.364	P	1925.860	LOC_Os02g39160.1
DG _{HPU}	Os022025_01	S6	10.000	-0.882	A	66.199	P	194.797	P	359.042	LOC_Os06g34040.1
DG _{HPU}	Os022043_01	S6	-0.934	0.000	P	1397.498	P	731.524	P	1086.227	LOC_Os03g61920.1
DG _{HPU}	Os022098_01	S6	10.000	-0.809	A	96.792	P	180.323	P	315.894	LOC_Os01g31940.1
DG _{HPU}	Os022158_01	S6	0.000	0.840	P	203.888	P	267.074	P	149.156	LOC_Os01g56470.1
DG _{HPU}	Os022183_01	S6	-1.610	-0.898	P	2919.922	P	956.867	P	1782.495	LOC_Os10g40390.1
DG _{HPU}	Os022866_01	S6	0.000	0.861	P	207.681	P	320.507	P	176.450	LOC_Os07g48830.1
DG _{HPU}	Os022932_01	S6	0.000	0.900	P	448.205	P	579.568	P	310.613	LOC_Os04g44150.1
DG _{HPU}	Os022991_01	S6	-1.272	-1.029	P	520.762	P	215.623	P	440.149	LOC_Os05g43880.1
DG _{HPU}	Os023213_01	S6	-1.052	0.000	P	4833.006	P	2330.914	P	2856.995	LOC_Os02g32850.1
DG _{HPU}	Os023233_01	S6	1.045	0.000	P	559.057	P	1153.287	P	789.995	LOC_Os01g69140.1
DG _{HPU}	Os023378_01	S6	-0.930	0.000	P	1029.622	P	540.408	P	698.283	LOC_Os03g46470.1
DG _{HPU}	Os023465_01	S6	1.463	0.807	P	142.604	P	393.257	P	224.778	LOC_Os01g37200.1
DG _{HPU}	Os023508_01	S6	0.000	1.079	P	2465.441	P	3662.309	P	1733.776	LOC_Os08g04430.1
DG _{HPU}	Os024035_01	S6	0.000	-0.941	P	870.851	P	468.312	P	899.400	LOC_Os10g02300.3
DG _{HPU}	Os024208_01	S6	-0.910	0.000	P	3557.847	P	1893.913	P	2970.114	-
DG _{HPU}	Os024254_01	S6	1.537	1.574	P	376.548	P	1092.543	P	367.002	LOC_Os09g26780.1
DG _{HPU}	Os024551_01	S6	0.000	0.806	P	290.594	P	278.286	P	159.119	-
DG _{HPU}	Os024625_01	S6	0.000	0.857	P	181.534	P	260.033	P	143.535	LOC_Os08g25080.1
DG _{HPU}	Os024737_01	S6	1.418	1.073	P	197.309	P	527.148	P	250.566	LOC_Os01g01660.1

DG _{HPU}	Os024774_01	S6	0.000	-0.773	P	9767.157	P	6368.404	P	10885.760	LOC_Os02g10390.1
DG _{HPU}	Os024795_01	S6	0.000	-1.012	P	533.369	P	510.550	P	1029.885	LOC_Os08g29170.1
DG _{HPU}	Os024813_01	S6	0.000	-0.843	P	313.140	P	346.527	P	621.705	LOC_Os06g06560.1
DG _{HPU}	Os025052_01	S6	0.000	-0.785	P	570.808	P	316.251	P	544.808	LOC_Os01g56570.1
DG _{HPU}	Os025509_01	S6	1.129	1.042	P	337.988	P	739.289	P	359.061	LOC_Os05g04690.1
DG _{HPU}	Os025789_01	S6	0.000	1.062	P	1193.787	P	2015.199	P	965.318	-
DG _{HPU}	Os026125_01	S6	10.000	-0.800	A	106.925	P	139.145	P	242.232	LOC_Os03g45779.1
DG _{HPU}	Os026131_01	S6	10.000	-1.267	A	122.588	P	247.322	P	595.074	LOC_Os04g42870.1
DG _{HPU}	Os026571_01	S6	0.000	-0.997	P	957.403	P	622.513	P	1242.631	LOC_Os04g35680.1
DG _{HPU}	Os026917_01	S6	-1.130	-0.967	P	3611.495	P	1650.484	P	3226.381	LOC_Os04g52250.1
DG _{HPU}	Os027044_01	S6	-0.929	0.000	P	3206.800	P	1684.374	P	2619.757	LOC_Os09g15830.1
DG _{HPU}	Os027168_01	S6	1.105	0.000	P	198.771	P	427.423	P	334.859	LOC_Os11g41260.1
DG _{HPU}	Os027606_01	S6	-0.993	10.000	P	214.555	P	107.818	A	67.027	LOC_Os04g51820.1
DG _{HPU}	Os027640_01	S6	-0.912	10.000	P	279.486	P	148.545	A	107.059	LOC_Os01g70440.1
DG _{HPU}	Os027686_01	S6	0.000	1.326	P	275.084	P	494.843	P	197.431	LOC_Os06g04630.1
DG _{HPU}	Os028052_01	S6	-1.123	-0.842	P	1562.659	P	717.344	P	1286.183	LOC_Os06g29370.1
DG _{HPU}	Os028344_01	S6	-1.049	10.000	P	311.400	P	150.512	A	94.938	LOC_Os01g45970.1
DG _{HPU}	Os029902_01	S6	0.000	0.966	P	919.964	P	995.339	P	509.414	LOC_Os09g09850.1
DG _{HPU}	Os029927_01	S6	-0.917	0.000	P	1047.031	P	554.674	P	692.005	LOC_Os03g31210.1
DG _{HPU}	Os030447_01	S6	2.606	10.000	P	150.190	P	914.563	A	918.083	LOC_Os05g06200.1
DG _{HPU}	Os031090_01	S6	-0.944	0.000	P	1446.259	P	751.597	P	691.200	LOC_Os12g14699.1
DG _{HPU}	Os031198_01	S6	0.000	-0.812	P	561.513	P	587.519	P	1031.587	LOC_Os02g09750.1
DG _{HPU}	Os031283_01	S6	-1.154	10.000	P	875.956	P	393.499	A	99.087	LOC_Os09g15400.1
DG _{HPU}	Os031452_01	S6	0.000	1.004	P	217.869	P	274.574	P	136.863	LOC_Os04g32820.1
DG _{HPU}	Os031850_01	S6	-1.088	0.000	P	3345.547	P	1574.290	P	1874.713	LOC_Os01g24940.1
DG _{HPU}	Os031910_01	S6	0.994	0.000	P	332.740	P	662.801	P	415.457	-
DG _{HPU}	Os032072_01	S6	0.000	0.914	P	350.581	P	428.536	P	227.395	-
DG _{HPU}	Os032147_01	S6	-1.258	-1.244	P	1414.801	P	591.755	P	1401.300	LOC_Os10g10630.1
DG _{HPU}	Os032578_01	S6	0.000	-0.813	P	267.152	P	189.187	P	332.455	LOC_Os01g39220.1
DG _{HPU}	Os033430_01	S6	10.000	-1.408	A	103.885	P	265.440	P	704.527	LOC_Os10g22630.1
DG _{HPU}	Os033722_01	S6	0.000	-0.774	P	347.305	P	278.158	P	475.566	LOC_Os02g32150.1

DG _{HPU}	Os033886_01	S6	0.987	0.000	P	291.724	P	578.189	P	606.413	LOC_Os08g33300.1
DG _{HPU}	Os034325_01	S6	0.000	-0.854	P	1220.339	P	665.104	P	1201.983	LOC_Os03g10980.1
DG _{HPU}	Os034920_01	S6	10.000	1.432	A	1322.060	P	508.974	P	188.601	LOC_Os04g08160.1
DG _{HPU}	Os035193_01	S6	-1.119	-0.959	P	633.319	P	291.545	P	566.631	LOC_Os01g11970.1
DG _{HPU}	Os035398_01	S6	0.000	-0.793	P	624.739	P	420.027	P	727.890	-
DG _{HPU}	Os036231_01	S6	-1.047	-1.100	P	2075.205	P	1004.491	P	2153.040	LOC_Os03g46200.1
DG _{HPU}	Os036325_01	S6	0.972	0.000	P	895.182	P	1756.472	P	1739.758	LOC_Os08g19550.1
DG _{HPU}	Os036341_01	S6	-0.930	10.000	P	476.473	P	250.003	A	79.679	LOC_Os07g05510.1
DG _{HPU}	Os036618_01	S6	-2.323	-1.544	P	8401.042	P	1678.926	P	4896.491	LOC_Os04g33830.1
DG _{HPU}	Os038003_01	S6	-0.922	0.000	P	752.398	P	397.115	P	372.732	LOC_Os05g42070.1
DG _{HPU}	Os038144_01	S6	0.000	-0.858	P	139.256	P	149.977	P	271.868	LOC_Os07g39080.1
DG _{HPU}	Os038233_01	S6	-1.146	0.000	P	13494.155	P	6097.925	P	9614.029	-
DG _{HPU}	Os038407_01	S6	0.000	1.358	P	192.084	P	361.648	P	141.076	LOC_Os09g25690.1
DG _{HPU}	Os038448_01	S6	1.174	0.000	P	325.391	P	734.427	P	593.978	LOC_Os11g10890.1
DG _{HPU}	Os038478_01	S6	-1.412	0.000	P	531.536	P	199.686	P	299.763	LOC_Os01g44390.1
DG _{HPU}	Os038480_01	S6	-1.060	0.000	P	1501.286	P	719.828	P	1134.233	LOC_Os01g44370.1
DG _{HPU}	Os038729_01	S6	1.197	0.000	P	400.582	P	918.608	P	700.255	LOC_Os05g07880.2
DG _{HPU}	Os039150_01	S6	-0.984	10.000	P	394.638	P	199.492	A	53.757	LOC_Os02g18070.1
DG _{HPU}	Os039503_01	S6	0.992	0.000	P	88.916	P	176.793	P	149.587	-
DG _{HPU}	Os039580_01	S6	-1.488	10.000	P	852.816	P	304.053	A	55.119	LOC_Os02g40180.1
DG _{HPU}	Os039696_01	S6	0.000	1.030	P	307.747	P	380.346	P	186.312	LOC_Os07g26900.1
DG _{HPU}	Os039971_01	S6	1.823	2.246	P	560.642	P	1982.997	P	417.898	LOC_Os10g26330.1
DG _{HPU}	Os040799_01	S6	1.263	0.000	P	341.779	P	820.162	P	645.033	LOC_Os10g25410.1
DG _{HPU}	Os041875_01	S6	-0.972	0.000	P	352.526	P	179.658	P	238.378	LOC_Os03g47480.1
DG _{HPU}	Os042408_01	S6	-1.838	10.000	P	445.623	P	124.629	A	38.095	LOC_Os09g29040.1
DG _{HPU}	Os042442_01	S6	0.958	0.000	P	449.480	P	873.138	P	725.748	LOC_Os01g23990.1
DG _{HPU}	Os042527_01	S6	1.026	0.950	P	1033.972	P	2106.218	P	1090.533	LOC_Os05g28840.1
DG _{HPU}	Os042918_01	S6	-1.141	0.000	P	983.017	P	445.662	P	641.221	LOC_Os03g31630.1
DG _{HPU}	Os043618_01	S6	1.246	0.000	P	322.821	P	765.590	P	502.164	-
DG _{HPU}	Os043740_01	S6	-1.430	-0.936	P	6581.831	P	2443.217	P	4673.408	LOC_Os04g11956.1
DG _{HPU}	Os044009_01	S6	-1.156	-1.262	P	976.310	P	438.128	P	1050.476	LOC_Os03g42200.1

DG _{HPU}	Os044136_01	S6	-0.971	0.000	P	574.352	P	293.040	P	482.137	-
DG _{HPU}	Os044239_01	S6	-1.231	0.000	P	17431.737	P	7425.924	P	11011.481	LOC_Os06g47690.1
DG _{HPU}	Os044283_01	S6	10.000	-1.154	A	35.261	P	338.468	P	753.046	-
DG _{HPU}	Os044913_01	S6	1.091	0.000	P	317.196	P	675.675	P	550.758	LOC_Os02g27300.1
DG _{HPU}	Os045461_01	S6	-1.226	-1.168	P	3383.837	P	1446.282	P	3250.582	LOC_Os05g48630.2
DG _{HPU}	Os045565_01	S6	10.000	-0.947	A	78.868	P	534.603	P	1030.802	LOC_Os10g09630.1
DG _{HPU}	Os045951_01	S6	1.021	10.000	P	94.808	P	192.375	A	173.680	LOC_Os03g07000.1
DG _{HPU}	Os046324_01	S6	0.924	10.000	P	119.288	P	226.293	A	133.921	LOC_Os12g02420.2
DG _{HPU}	Os046711_01	S6	2.086	10.000	P	127.404	P	540.762	A	199.558	-
DG _{HPU}	Os046888_01	S6	1.187	0.000	P	544.406	P	1239.252	P	756.163	LOC_Os03g25460.1
DG _{HPU}	Os047140_01	S6	0.000	-0.900	P	6857.839	P	4478.340	P	8357.384	-
DG _{HPU}	Os047467_01	S6	-1.041	0.000	P	784.863	P	381.331	P	480.590	LOC_Os08g05160.1
DG _{HPU}	Os047473_01	S6	1.939	10.000	P	151.048	P	579.159	A	105.994	LOC_Os02g53570.1
DG _{HPU}	Os047654_01	S6	0.000	1.038	P	1415.290	P	1398.462	P	681.040	-
DG _{HPU}	Os048525_01	S6	-1.409	-1.180	P	3733.193	P	1406.007	P	3185.865	LOC_Os07g14750.1
DG _{HPU}	Os048609_01	S6	-0.914	0.000	P	391.417	P	207.761	P	318.109	LOC_Os10g34902.1
DG _{HPU}	Os048713_01	S6	-1.224	-1.045	P	566.258	P	242.414	P	500.092	LOC_Os11g27090.1
DG _{HPU}	Os049133_01	S6	10.000	0.993	A	119.943	P	210.883	P	105.961	LOC_Os05g31370.1
DG _{HPU}	Os049499_01	S6	-0.914	0.000	P	457.912	P	243.012	P	222.657	LOC_Os05g27000.1
DG _{HPU}	Os049938_01	S6	0.000	-0.814	P	192.137	P	128.676	P	226.210	LOC_Os03g07660.1
DG _{HPU}	Os050517_01	S6	-1.357	10.000	P	566.321	P	221.032	A	80.887	LOC_Os12g26490.1
DG _{HPU}	Os050787_01	S6	-0.936	0.000	P	1831.800	P	957.674	P	1492.014	LOC_Os03g28980.1
DG _{HPU}	Os050925_01	S6	10.000	-0.915	A	179.642	P	188.678	P	355.657	LOC_Os01g61840.1
DG _{HPU}	Os051641_01	S6	0.925	0.000	P	143.939	P	273.363	P	198.862	LOC_Os01g35780.1
DG _{HPU}	Os051940_01	S6	0.000	-0.850	P	753.829	P	559.379	P	1008.399	LOC_Os10g39410.1
DG _{HPU}	Os051951_01	S6	-1.070	-1.039	P	6708.296	P	3196.088	P	6565.445	LOC_Os07g05480.1
DG _{HPU}	Os051973_01	S6	-1.380	-1.102	P	5343.895	P	2052.958	P	4406.889	LOC_Os01g45274.1
DG _{HPU}	Os051981_01	S6	1.311	0.000	P	1389.599	P	3446.689	P	2447.946	LOC_Os11g47809.1
DG _{HPU}	Os051998_01	S6	-1.358	-1.102	P	5153.729	P	2010.121	P	4315.887	LOC_Os12g08770.1
DG _{HPU}	Os052012_01	S6	0.000	0.920	P	310.252	P	505.933	P	267.390	LOC_Os03g10340.1
DG _{HPU}	Os052015_01	S6	-1.037	0.000	P	2207.572	P	1075.473	P	1057.945	LOC_Os03g07300.1

DG _{HPU}	Os052018_01	S6	-1.299	0.000	P	20517.911	P	8340.298	P	9894.934	-
DG _{HPU}	Os052028_01	S6	-1.059	-1.222	P	2501.265	P	1200.686	P	2800.915	LOC_Os12g23200.1
DG _{HPU}	Os052052_01	S6	-0.919	-1.164	P	916.178	P	484.538	P	1086.039	LOC_Os10g37180.1
DG _{HPU}	Os052055_01	S6	1.234	0.000	P	171.199	P	402.563	P	357.253	LOC_Os08g41300.1
DG _{HPU}	Os052085_01	S6	-1.886	-0.870	P	3538.549	P	957.189	P	1749.552	LOC_Os07g25430.3
DG _{HPU}	Os052207_01	S6	-0.986	0.000	P	1098.089	P	554.580	P	850.984	LOC_Os01g47330.1
DG _{HPU}	Os052214_01	S6	1.980	2.123	P	424.900	P	1676.435	P	384.937	-
DG _{HPU}	Os052232_01	S6	0.000	-0.850	P	302.157	P	240.774	P	434.124	LOC_Os02g30630.2
DG _{HPU}	Os052281_01	S6	-1.023	0.000	P	2641.230	P	1299.723	P	1539.471	LOC_Os07g46460.1
DG _{HPU}	Os052307_01	S6	-1.808	-0.929	P	1557.208	P	444.667	P	846.729	LOC_Os03g31750.1
DG _{HPU}	Os052396_01	S6	0.000	-0.837	P	236.459	P	274.714	P	490.877	LOC_Os05g01290.1
DG _{HPU}	Os052404_01	S6	0.000	-0.876	P	1634.369	P	1028.657	P	1887.523	LOC_Os06g47220.1
DG _{HPU}	Os052558_01	S6	0.000	-0.894	P	340.528	P	281.695	P	523.654	-
DG _{HPU}	Os052819_01	S6	0.996	0.000	P	307.653	P	613.662	P	470.698	-
DG _{HPU}	Os052943_01	S6	1.281	0.000	P	233.109	P	566.638	P	403.212	LOC_Os01g45570.1
DG _{HPU}	Os053523_01	S6	0.000	1.562	P	422.032	P	671.970	P	227.661	LOC_Os02g45520.2
DG _{HPU}	Os054035_01	S6	0.000	0.989	P	499.261	P	726.690	P	366.077	-
DG _{HPU}	Os054419_01	S6	-1.136	-1.229	P	6807.363	P	3097.796	P	7259.141	LOC_Os01g31690.1
DG _{HPU}	Os054429_01	S6	-1.452	10.000	P	379.049	P	138.558	A	118.542	LOC_Os12g38051.1
DG _{HPU}	Os054432_01	S6	-0.988	0.000	P	1426.528	P	719.008	P	1042.909	LOC_Os04g58200.1
DG _{HPU}	Os054436_01	S6	0.000	-0.917	P	1434.492	P	968.592	P	1829.289	LOC_Os09g39780.2
DG _{HPU}	Os054451_01	S6	-1.050	0.000	P	388.768	P	187.786	P	282.428	LOC_Os03g08360.1
DG _{HPU}	Os054452_01	S6	-1.479	-1.102	P	5091.410	P	1826.409	P	3919.601	LOC_Os07g04840.1
DG _{HPU}	Os054455_01	S6	1.166	0.000	P	175.404	P	393.641	P	345.805	LOC_Os08g03640.1
DG _{HPU}	Os054459_01	S6	-0.942	0.000	P	14546.240	P	7570.948	P	10119.666	LOC_Os08g10020.2
DG _{HPU}	Os054468_01	S6	-1.267	0.000	P	17623.896	P	7325.414	P	12258.683	LOC_Os04g38600.1
DG _{HPU}	Os054472_01	S6	-1.102	0.000	P	6210.730	P	2893.708	P	3798.487	-
DG _{HPU}	Os054487_01	S6	-1.140	-1.508	P	1136.509	P	515.823	P	1466.817	LOC_Os06g04020.1
DG _{HPU}	Os054533_01	S6	-1.130	-0.852	P	5049.163	P	2306.270	P	4162.142	LOC_Os03g56670.2
DG _{HPU}	Os054538_01	S6	-1.681	-1.193	P	1113.146	P	347.145	P	793.882	LOC_Os05g33570.1
DG _{HPU}	Os054539_01	S6	-1.040	0.000	P	10505.091	P	5110.034	P	8608.697	LOC_Os09g30340.1

DG _{HPU}	Os054583_01	S6	-1.286	0.000	P	2873.431	P	1178.233	P	1581.810	LOC_Os06g04270.1
DG _{HPU}	Os054590_01	S6	2.087	1.132	P	260.777	P	1108.060	P	505.436	LOC_Os03g09250.2
DG _{HPU}	Os054626_01	S6	1.109	0.000	P	179.970	P	388.161	P	312.012	LOC_Os03g22810.1
DG _{HPU}	Os054653_01	S6	-0.928	0.000	P	1127.851	P	592.839	P	717.257	LOC_Os01g46070.1
DG _{HPU}	Os054659_01	S6	0.000	1.009	P	653.737	P	730.904	P	363.077	LOC_Os01g07760.2
DG _{HPU}	Os054724_01	S6	0.000	0.903	P	338.068	P	336.782	P	180.148	LOC_Os09g35730.1
DG _{HPU}	Os054745_01	S6	-0.966	0.000	P	18288.091	P	9362.659	P	9461.447	LOC_Os07g37030.1
DG _{HPU}	Os054747_01	S6	0.000	0.993	P	289.458	P	279.754	P	140.558	LOC_Os05g06270.1
DG _{HPU}	Os054810_01	S6	0.000	-0.794	P	621.853	P	505.928	P	877.405	LOC_Os01g69950.1
DG _{HPU}	Os054912_01	S6	-0.998	0.000	P	1360.730	P	681.376	P	641.062	LOC_Os02g44108.1
DG _{HPU}	Os054951_01	S6	0.000	1.005	P	768.888	P	1281.258	P	638.361	LOC_Os01g50700.1
DG _{HPU}	Os054983_01	S6	0.000	0.855	P	249.682	P	289.676	P	160.148	LOC_Os05g33310.1
DG _{HPU}	Os055042_01	S6	0.000	0.834	P	754.626	P	690.543	P	387.372	LOC_Os09g06464.1
DG _{HPU}	Os055048_01	S6	0.000	0.857	P	311.487	P	273.294	P	150.927	LOC_Os10g42830.1
DG _{HPU}	Os055221_01	S6	0.000	-0.986	P	860.985	P	524.286	P	1038.282	LOC_Os12g43380.1
DG _{HPU}	Os055225_01	S6	10.000	-0.939	A	71.370	P	132.614	P	254.165	LOC_Os10g40360.1
DG _{HPU}	Os055265_01	S6	0.000	0.898	P	460.777	P	420.521	P	225.651	-
DG _{HPU}	Os055567_01	S6	0.000	-0.772	P	1193.717	P	1154.548	P	1971.897	LOC_Os07g46330.1
DG _{HPU}	Os055739_02	S6	0.000	0.848	P	567.088	P	734.115	P	407.768	-
DG _{HPU}	Os056222_01	S6	-1.424	0.000	P	1381.699	P	514.958	P	746.541	LOC_Os06g01580.1
DG _{HPU}	Os056494_02	S6	0.000	-0.769	P	222.048	P	253.612	P	432.209	-
DG _{HPU}	Os056792_01	S6	-1.061	0.000	P	876.065	P	419.974	P	443.778	LOC_Os06g08014.1
DG _{HPU}	Os056910_02	S6	-1.049	-1.620	P	9118.451	P	4405.926	P	13542.881	LOC_Os08g33820.1
DG _{HPU}	Os056919_02	S6	0.000	1.276	P	273.819	P	479.609	P	198.112	-
DG _{HPU}	Os056920_02	S6	-1.976	-0.956	P	1657.207	P	421.243	P	817.382	-
DG _{HPU}	Os056979_02	S6	0.000	1.035	P	1666.189	P	1709.573	P	834.289	LOC_Os11g02300.1
DG _{HPU}	Os056989_02	S6	-1.041	-0.773	P	256.800	P	124.792	P	213.312	-
DG _{HPU}	Os057047_02	S6	0.000	0.834	P	283.015	P	239.874	P	134.594	LOC_Os04g40080.1
DG _{HPU}	Os057254_02	S6	-1.678	-1.914	P	14697.286	P	4592.859	P	17311.272	-
DG _{HPU}	GeneID	S5	log2(Ratio(L/9))			log2(Ratio(L/P))		Fw_9311.flag	Fw_9311	Fw_LYP9.flag	Fw_LYP9
	Fw_PA64s.flag		Fw_PA64s	TIGR5.id							

DG _{HPU}	Os000041_01	S5	0.000	1.209	P	1285.938	P	1569.857	P	679.054	LOC_Os10g38700.1
DG _{HPU}	Os000043_01	S5	1.584	1.538	P	597.207	P	1790.670	P	616.605	LOC_Os10g39150.1
DG _{HPU}	Os000169_01	S5	0.000	1.667	P	576.017	P	1144.528	P	360.512	LOC_Os05g40010.1
DG _{HPU}	Os000208_01	S5	0.000	-1.267	P	1363.493	P	1043.165	P	2509.912	LOC_Os02g09150.1
DG _{HPU}	Os000367_01	S5	1.356	0.000	P	3444.484	P	8814.896	P	9859.347	LOC_Os06g01850.1
DG _{HPU}	Os000380_01	S5	-1.155	0.000	P	853.424	P	383.135	P	456.661	LOC_Os05g47540.1
DG _{HPU}	Os000418_01	S5	0.000	1.753	P	644.934	P	1368.031	P	405.772	LOC_Os02g47600.2
DG _{HPU}	Os000429_01	S5	0.000	1.376	P	300.581	P	665.128	P	256.285	LOC_Os01g68770.1
DG _{HPU}	Os000597_01	S5	0.000	1.617	P	299.615	P	597.332	P	194.700	LOC_Os01g72460.1
DG _{HPU}	Os000629_01	S5	1.268	0.000	P	385.417	P	928.351	P	1064.635	LOC_Os08g31750.1
DG _{HPU}	Os000826_01	S5	0.000	-1.746	P	533.476	P	360.471	P	1208.928	LOC_Os01g68830.1
DG _{HPU}	Os000827_01	S5	0.000	-1.187	P	332.551	P	302.381	P	688.262	LOC_Os03g31730.1
DG _{HPU}	Os000842_01	S5	-1.958	-2.568	P	5794.237	P	1491.595	P	8847.071	LOC_Os12g33130.1
DG _{HPU}	Os000963_01	S5	1.222	0.000	P	234.617	P	547.260	P	411.704	LOC_Os03g17050.1
DG _{HPU}	Os001355_01	S5	0.000	-1.479	P	4228.247	P	2199.048	P	6128.735	LOC_Os07g48460.1
DG _{HPU}	Os001377_01	S5	0.000	1.680	P	1597.113	P	3349.243	P	1045.106	LOC_Os02g06710.1
DG _{HPU}	Os001529_01	S5	1.340	0.000	P	5663.192	P	14332.889	P	8202.230	LOC_Os01g60830.1
DG _{HPU}	Os001579_01	S5	1.199	0.000	P	2008.563	P	4611.053	P	2774.732	LOC_Os10g36170.1
DG _{HPU}	Os001621_01	S5	1.218	0.000	P	395.008	P	919.181	P	905.786	LOC_Os05g47670.1
DG _{HPU}	Os001637_01	S5	0.000	-1.115	P	445.724	P	288.083	P	623.855	LOC_Os09g23110.1
DG _{HPU}	Os001790_01	S5	0.000	-1.076	P	1055.485	P	679.447	P	1432.457	LOC_Os09g28510.1
DG _{HPU}	Os001830_01	S5	1.248	0.000	P	352.152	P	836.590	P	677.020	LOC_Os03g15590.1
DG _{HPU}	Os001838_01	S5	0.000	-1.263	P	653.622	P	435.138	P	1044.204	LOC_Os03g04440.1
DG _{HPU}	Os001842_01	S5	0.000	1.692	P	431.780	P	865.456	P	267.802	-
DG _{HPU}	Os001884_01	S5	1.369	2.198	P	311.639	P	804.886	P	175.368	LOC_Os03g60580.1
DG _{HPU}	Os001903_01	S5	-1.307	10.000	P	504.498	P	203.899	A	89.075	LOC_Os01g68290.1
DG _{HPU}	Os001934_01	S5	10.000	-1.532	A	125.735	P	463.474	P	1340.442	-
DG _{HPU}	Os001981_01	S5	0.000	1.208	P	712.455	P	614.265	P	265.920	LOC_Os02g45920.1
DG _{HPU}	Os002395_01	S5	0.000	-1.225	P	548.742	P	387.170	P	905.339	-
DG _{HPU}	Os002417_01	S5	1.931	0.000	P	188.532	P	718.971	P	517.871	LOC_Os06g10780.1
DG _{HPU}	Os002451_01	S5	1.371	0.000	P	164.314	P	424.904	P	336.168	LOC_Os01g47730.1

DG _{HPU}	Os002553_01	S5	0.000	-1.220	P	271.712	P	235.694	P	549.053	LOC_Os06g45580.1
DG _{HPU}	Os003908_01	S5	1.611	10.000	P	193.245	P	590.365	A	618.815	LOC_Os06g36590.1
DG _{HPU}	Os003989_01	S5	1.440	2.107	P	2726.397	P	7399.790	P	1717.802	LOC_Os07g32570.1
DG _{HPU}	Os004097_01	S5	0.000	-1.165	P	261.677	P	183.385	P	411.072	LOC_Os12g12934.1
DG _{HPU}	Os004223_01	S5	-1.084	0.000	P	482.561	P	227.619	P	268.651	LOC_Os08g33200.1
DG _{HPU}	Os004287_01	S5	0.000	1.262	P	508.519	P	478.791	P	199.586	LOC_Os03g28140.1
DG _{HPU}	Os004399_01	S5	-1.201	10.000	P	1230.260	P	535.150	A	88.616	LOC_Os02g40180.1
DG _{HPU}	Os005159_01	S5	0.000	2.072	P	260.887	P	580.882	P	138.154	-
DG _{HPU}	Os005642_01	S5	0.000	1.387	P	302.417	P	366.143	P	140.043	-
DG _{HPU}	Os006070_01	S5	0.000	1.266	P	2084.815	P	2716.678	P	1129.637	LOC_Os01g40094.1
DG _{HPU}	Os006546_02	S5	0.000	1.218	P	475.954	P	827.904	P	355.784	-
DG _{HPU}	Os006733_01	S5	-1.258	0.000	P	697.403	P	291.700	P	318.008	LOC_Os03g63330.1
DG _{HPU}	Os007196_01	S5	0.000	1.751	P	325.091	P	538.728	P	160.048	LOC_Os05g38290.1
DG _{HPU}	Os007263_01	S5	-1.662	-1.847	P	7393.602	P	2336.425	P	8404.349	LOC_Os12g33150.1
DG _{HPU}	Os008101_01	S5	0.000	-1.459	P	509.114	P	522.737	P	1437.192	LOC_Os01g48380.1
DG _{HPU}	Os008213_01	S5	0.000	-1.246	P	222.015	P	171.287	P	406.302	LOC_Os05g05040.1
DG _{HPU}	Os008355_02	S5	0.000	-1.318	P	241.081	P	142.243	P	354.579	-
DG _{HPU}	Os008439_01	S5	-1.477	10.000	P	921.770	P	331.096	A	453.487	LOC_Os07g44740.1
DG _{HPU}	Os008548_01	S5	0.000	1.373	P	336.902	P	575.287	P	222.167	LOC_Os03g02190.1
DG _{HPU}	Os008612_01	S5	0.000	-1.452	P	187.113	P	145.868	P	398.974	LOC_Os03g61030.2
DG _{HPU}	Os008618_01	S5	1.826	0.000	P	474.699	P	1683.585	P	1087.735	LOC_Os04g54640.1
DG _{HPU}	Os008635_01	S5	1.449	0.000	P	901.129	P	2460.307	P	1765.315	LOC_Os02g55140.1
DG _{HPU}	Os008682_01	S5	0.000	-1.199	P	234.351	P	191.427	P	439.431	LOC_Os07g11280.2
DG _{HPU}	Os008707_01	S5	0.000	-1.275	P	189.860	P	163.824	P	396.538	LOC_Os03g13730.1
DG _{HPU}	Os008754_01	S5	0.000	-1.548	P	1327.972	P	1139.789	P	3332.497	LOC_Os06g02490.1
DG _{HPU}	Os008761_01	S5	2.892	2.528	P	265.895	P	1974.034	P	342.205	LOC_Os02g32580.1
DG _{HPU}	Os008785_01	S5	1.282	0.000	P	379.355	P	922.740	P	982.981	LOC_Os04g35300.1
DG _{HPU}	Os008826_01	S5	0.000	-1.167	P	316.451	P	207.801	P	466.711	LOC_Os01g69060.2
DG _{HPU}	Os008878_01	S5	-1.329	-2.410	P	809.887	P	322.282	P	1712.884	LOC_Os08g06280.2
DG _{HPU}	Os008888_01	S5	0.000	-1.355	P	239.571	P	151.708	P	388.170	LOC_Os03g43420.1
DG _{HPU}	Os008896_01	S5	0.000	-1.156	P	199.509	P	200.216	P	446.299	LOC_Os04g51520.1

DG _{HPU}	Os008962_01	S5	1.372	10.000	P	192.443	P	497.962	A	660.117	-
DG _{HPU}	Os009004_01	S5	0.000	1.262	P	336.815	P	450.886	P	187.956	LOC_Os06g48620.1
DG _{HPU}	Os009024_01	S5	0.000	-1.536	P	618.171	P	320.805	P	930.541	LOC_Os07g08710.2
DG _{HPU}	Os009089_01	S5	1.604	0.000	P	137.595	P	418.396	P	236.325	LOC_Os04g38940.1
DG _{HPU}	Os009115_01	S5	0.000	1.209	P	436.040	P	395.323	P	170.947	LOC_Os04g39440.2
DG _{HPU}	Os009192_01	S5	0.000	1.485	P	475.996	P	600.807	P	214.706	LOC_Os01g50460.1
DG _{HPU}	Os009222_01	S5	0.000	1.475	P	667.039	P	1119.869	P	402.792	LOC_Os02g56900.1
DG _{HPU}	Os009518_01	S5	-1.178	-2.650	P	4334.543	P	1915.497	P	12024.392	LOC_Os01g73250.1
DG _{HPU}	Os009556_01	S5	0.000	1.904	P	4130.344	P	7187.572	P	1920.168	LOC_Os03g59320.1
DG _{HPU}	Os009578_01	S5	0.000	1.207	P	670.147	P	1201.550	P	520.586	LOC_Os12g44370.1
DG _{HPU}	Os009604_01	S5	0.000	-1.449	P	1257.914	P	670.796	P	1831.144	LOC_Os07g43810.1
DG _{HPU}	Os009664_01	S5	0.000	1.214	P	596.932	P	923.191	P	398.018	LOC_Os03g04470.1
DG _{HPU}	Os009673_01	S5	1.424	10.000	P	297.557	P	798.690	A	1184.187	LOC_Os11g27370.1
DG _{HPU}	Os009705_01	S5	0.000	2.151	P	522.010	P	899.189	P	202.432	LOC_Os03g05280.1
DG _{HPU}	Os009883_01	S5	0.000	-1.323	P	5848.265	P	3905.959	P	9772.773	LOC_Os02g51080.1
DG _{HPU}	Os010002_01	S5	0.000	1.770	P	33170.693	P	51076.351	P	14971.466	LOC_Os01g54210.1
DG _{HPU}	Os010034_01	S5	0.000	1.236	P	949.854	P	841.175	P	357.171	LOC_Os01g68940.1
DG _{HPU}	Os010111_01	S5	1.736	0.000	P	215.242	P	716.863	P	312.610	LOC_Os05g47530.1
DG _{HPU}	Os010235_01	S5	1.272	1.459	P	686.729	P	1657.959	P	602.958	LOC_Os06g10130.1
DG _{HPU}	Os010356_01	S5	1.827	2.243	P	1394.251	P	4947.839	P	1045.373	-
DG _{HPU}	Os010484_01	S5	0.000	-1.349	P	2079.193	P	1090.979	P	2779.372	-
DG _{HPU}	Os010488_01	S5	0.000	1.354	P	4033.402	P	6944.735	P	2716.892	-
DG _{HPU}	Os010490_01	S5	-1.401	-2.431	P	1509.459	P	571.625	P	3082.726	LOC_Os03g49480.1
DG _{HPU}	Os010510_01	S5	0.000	-1.237	P	274.417	P	203.956	P	480.897	-
DG _{HPU}	Os010804_01	S5	0.000	1.973	P	621.196	P	1199.204	P	305.425	LOC_Os02g54140.1
DG _{HPU}	Os010863_01	S5	1.670	1.501	P	205.775	P	654.833	P	231.375	LOC_Os02g43330.1
DG _{HPU}	Os010924_01	S5	0.000	1.534	P	584.187	P	1273.820	P	439.993	LOC_Os09g39940.1
DG _{HPU}	Os010927_01	S5	2.245	10.000	P	245.671	P	1164.583	A	142.503	-
DG _{HPU}	Os010942_01	S5	0.000	1.497	P	646.200	P	891.005	P	315.644	LOC_Os06g44180.1
DG _{HPU}	Os010948_01	S5	-2.262	-1.689	P	1380.792	P	287.852	P	928.334	LOC_Os03g03724.2
DG _{HPU}	Os011007_01	S5	-1.308	0.000	P	610.572	P	246.649	P	465.185	LOC_Os08g43190.2

DG _{HPU}	Os011281_01	S5	1.264	0.000	P	126.021	P	302.678	P	319.726	LOC_Os06g43790.1
DG _{HPU}	Os011457_01	S5	0.000	-1.648	P	189.783	P	135.145	P	423.655	LOC_Os05g47880.1
DG _{HPU}	Os011563_01	S5	10.000	1.368	A	105.750	P	461.461	P	178.825	LOC_Os03g13810.1
DG _{HPU}	Os011578_01	S5	1.692	0.000	P	2388.955	P	7717.319	P	6208.875	LOC_Os03g38730.1
DG _{HPU}	Os011601_01	S5	0.000	-1.223	P	145.092	P	163.696	P	381.995	LOC_Os08g41990.1
DG _{HPU}	Os011617_01	S5	0.000	-1.373	P	463.515	P	489.670	P	1268.450	LOC_Os07g04990.2
DG _{HPU}	Os011642_01	S5	1.483	0.000	P	327.510	P	915.598	P	667.187	LOC_Os10g11140.1
DG _{HPU}	Os011643_01	S5	1.545	0.000	P	128.869	P	375.956	P	213.676	LOC_Os06g14420.1
DG _{HPU}	Os011647_01	S5	1.690	0.000	P	300.805	P	970.299	P	472.159	LOC_Os02g51020.1
DG _{HPU}	Os011662_01	S5	0.000	-1.782	P	2151.089	P	1660.779	P	5710.502	LOC_Os07g34570.2
DG _{HPU}	Os011734_01	S5	1.257	0.000	P	238.804	P	570.647	P	305.867	LOC_Os08g35620.1
DG _{HPU}	Os011767_01	S5	0.000	-1.479	P	573.110	P	427.729	P	1192.606	LOC_Os06g09679.2
DG _{HPU}	Os011776_01	S5	1.316	0.000	P	172.970	P	430.505	P	482.945	LOC_Os06g09330.1
DG _{HPU}	Os011780_01	S5	1.449	0.000	P	135.431	P	369.711	P	296.447	LOC_Os01g66300.1
DG _{HPU}	Os011824_01	S5	10.000	-1.648	A	127.966	P	220.144	P	689.916	LOC_Os09g27420.1
DG _{HPU}	Os011859_01	S5	1.455	0.000	P	221.460	P	607.069	P	555.079	LOC_Os11g08670.1
DG _{HPU}	Os011930_01	S5	1.432	0.000	P	213.811	P	576.833	P	450.050	LOC_Os08g38460.1
DG _{HPU}	Os011942_01	S5	1.184	0.000	P	504.249	P	1145.744	P	913.011	LOC_Os02g57620.1
DG _{HPU}	Os011961_01	S5	1.324	10.000	P	105.796	P	264.888	A	101.097	LOC_Os01g51290.2
DG _{HPU}	Os011973_01	S5	0.000	-1.213	P	224.026	P	239.103	P	554.283	LOC_Os09g25760.1
DG _{HPU}	Os012032_01	S5	0.000	-1.291	P	284.847	P	220.563	P	539.789	LOC_Os06g39370.1
DG _{HPU}	Os012058_01	S5	1.461	0.000	P	105.455	P	290.356	P	220.445	LOC_Os01g25990.1
DG _{HPU}	Os012159_01	S5	10.000	-1.187	A	101.487	P	194.905	P	443.813	LOC_Os12g01140.1
DG _{HPU}	Os012349_01	S5	0.000	-1.164	P	572.270	P	455.642	P	1021.300	LOC_Os03g61220.1
DG _{HPU}	Os012355_01	S5	-1.324	0.000	P	968.240	P	386.729	P	659.668	LOC_Os06g10650.1
DG _{HPU}	Os012487_01	S5	0.000	-1.438	P	3799.975	P	2065.971	P	5597.069	LOC_Os07g29410.1
DG _{HPU}	Os012505_01	S5	1.518	1.417	P	179.189	P	513.230	P	192.220	LOC_Os04g48390.1
DG _{HPU}	Os012543_01	S5	1.519	0.000	P	253.671	P	726.839	P	550.687	LOC_Os05g07632.1
DG _{HPU}	Os012603_01	S5	1.199	1.343	P	1776.706	P	4079.517	P	1607.999	LOC_Os08g45190.1
DG _{HPU}	Os012754_01	S5	10.000	-1.092	A	124.827	P	304.050	P	648.139	LOC_Os03g45400.1
DG _{HPU}	Os012774_01	S5	0.000	-1.242	P	212.314	P	171.648	P	405.962	LOC_Os04g20164.2

DG _{HPU}	Os012869_01	S5	-1.086	0.000	P	1259.690	P	593.290	P	822.274	LOC_Os02g08230.1
DG _{HPU}	Os012917_01	S5	1.206	0.000	P	236.410	P	545.251	P	651.281	LOC_Os01g22520.1
DG _{HPU}	Os012945_01	S5	1.275	0.000	P	171.241	P	414.530	P	424.136	LOC_Os03g60120.1
DG _{HPU}	Os012959_01	S5	0.000	-1.110	P	177.519	P	150.522	P	324.958	LOC_Os02g51410.1
DG _{HPU}	Os013059_01	S5	1.531	0.000	P	184.051	P	531.945	P	450.539	LOC_Os03g06630.1
DG _{HPU}	Os013071_01	S5	0.000	1.241	P	292.008	P	294.377	P	124.579	LOC_Os10g04429.1
DG _{HPU}	Os013289_01	S5	0.000	-1.104	P	173.517	P	198.432	P	426.563	LOC_Os09g17600.3
DG _{HPU}	Os013297_01	S5	10.000	-1.066	A	131.417	P	262.460	P	549.321	LOC_Os01g56200.1
DG _{HPU}	Os013316_01	S5	10.000	-1.443	A	104.583	P	207.748	P	564.650	LOC_Os03g20640.1
DG _{HPU}	Os013346_01	S5	10.000	1.516	A	84.927	P	544.232	P	190.250	LOC_Os04g51610.1
DG _{HPU}	Os013389_01	S5	1.336	0.000	P	547.215	P	1381.199	P	1165.631	LOC_Os09g36220.1
DG _{HPU}	Os013398_01	S5	0.000	-1.445	P	636.572	P	480.359	P	1307.615	LOC_Os03g20700.2
DG _{HPU}	Os013432_01	S5	2.352	0.000	P	145.954	P	745.364	P	402.921	-
DG _{HPU}	Os013439_01	S5	1.342	0.000	P	123.407	P	312.925	P	187.149	LOC_Os02g02770.1
DG _{HPU}	Os013659_01	S5	1.238	0.000	P	301.389	P	711.128	P	375.959	LOC_Os03g60080.1
DG _{HPU}	Os013716_01	S5	0.000	-1.076	P	324.700	P	211.685	P	446.209	LOC_Os05g51240.1
DG _{HPU}	Os013733_01	S5	1.284	0.000	P	409.568	P	997.619	P	716.533	LOC_Os05g04620.1
DG _{HPU}	Os013891_01	S5	1.391	0.000	P	161.292	P	423.044	P	405.223	LOC_Os12g18110.1
DG _{HPU}	Os013935_01	S5	1.190	0.000	P	732.131	P	1670.284	P	1697.857	LOC_Os03g63480.2
DG _{HPU}	Os013937_01	S5	0.000	-1.149	P	685.503	P	761.777	P	1689.152	LOC_Os05g07860.1
DG _{HPU}	Os013976_01	S5	0.000	-1.073	P	1614.997	P	1671.534	P	3516.280	LOC_Os10g35370.2
DG _{HPU}	Os013983_01	S5	1.431	0.000	P	108.127	P	291.588	P	226.242	LOC_Os01g47350.1
DG _{HPU}	Os014001_01	S5	1.634	0.000	P	520.156	P	1614.786	P	1336.709	-
DG _{HPU}	Os014087_01	S5	0.000	-1.110	P	650.340	P	773.282	P	1669.089	-
DG _{HPU}	Os014200_01	S5	0.000	-1.298	P	273.233	P	244.504	P	601.099	LOC_Os03g52680.1
DG _{HPU}	Os014203_01	S5	10.000	-1.548	A	113.086	P	166.161	P	485.754	LOC_Os12g25180.1
DG _{HPU}	Os014249_01	S5	10.000	-1.925	A	203.324	P	358.352	P	1360.822	LOC_Os06g28194.1
DG _{HPU}	Os014255_01	S5	0.000	-1.861	P	312.668	P	241.686	P	878.114	LOC_Os03g52690.1
DG _{HPU}	Os014301_01	S5	1.258	0.000	P	577.708	P	1382.102	P	781.939	-
DG _{HPU}	Os014326_01	S5	1.234	0.000	P	150.058	P	352.866	P	332.855	LOC_Os07g13530.1
DG _{HPU}	Os014442_01	S5	1.301	2.056	P	342.990	P	845.208	P	203.198	LOC_Os04g53190.2

DG _{HPU}	Os014456_01	S5	1.228	0.000	P	118.601	P	277.843	P	218.931	LOC_Os01g64650.3
DG _{HPU}	Os014473_01	S5	0.000	-1.065	P	456.439	P	473.219	P	990.166	LOC_Os01g48990.1
DG _{HPU}	Os014717_01	S5	2.428	0.000	P	707.821	P	3808.980	P	1916.763	LOC_Os06g21380.1
DG _{HPU}	Os014758_01	S5	0.000	-1.130	P	198.237	P	220.375	P	482.270	LOC_Os01g13120.1
DG _{HPU}	Os014760_01	S5	1.592	0.000	P	682.099	P	2056.917	P	946.205	LOC_Os04g37710.1
DG _{HPU}	Os014800_01	S5	1.861	0.000	P	183.588	P	666.979	P	347.701	LOC_Os05g50560.1
DG _{HPU}	Os014816_01	S5	10.000	1.218	A	102.535	P	282.667	P	121.505	LOC_Os03g16170.1
DG _{HPU}	Os015340_01	S5	1.335	0.000	P	505.897	P	1276.684	P	1252.690	-
DG _{HPU}	Os015676_01	S5	0.000	-1.195	P	306.694	P	246.937	P	565.340	LOC_Os06g47640.1
DG _{HPU}	Os015702_01	S5	1.411	0.000	P	324.426	P	862.605	P	564.222	LOC_Os01g03310.1
DG _{HPU}	Os015728_01	S5	1.321	0.000	P	355.321	P	887.824	P	768.664	LOC_Os01g70520.1
DG _{HPU}	Os015790_01	S5	1.232	1.463	P	514.465	P	1208.612	P	438.446	-
DG _{HPU}	Os015860_01	S5	1.507	0.000	P	147.879	P	420.313	P	235.589	LOC_Os01g56180.1
DG _{HPU}	Os015868_01	S5	1.205	1.249	P	179.480	P	413.657	P	174.048	LOC_Os03g13540.1
DG _{HPU}	Os015910_01	S5	1.859	1.686	P	243.485	P	883.224	P	274.496	LOC_Os01g10250.1
DG _{HPU}	Os016064_01	S5	1.451	0.000	P	154.365	P	421.915	P	253.399	LOC_Os03g59180.2
DG _{HPU}	Os016227_01	S5	1.469	0.000	P	770.356	P	2133.254	P	1686.775	LOC_Os12g08810.1
DG _{HPU}	Os016500_01	S5	1.263	0.000	P	1810.264	P	4344.407	P	4187.984	LOC_Os02g57280.1
DG _{HPU}	Os016638_01	S5	1.451	0.000	P	206.023	P	563.257	P	578.111	-
DG _{HPU}	Os016716_01	S5	1.969	0.000	P	609.111	P	2385.464	P	1633.202	LOC_Os02g10120.1
DG _{HPU}	Os016757_01	S5	1.712	1.711	P	268.768	P	880.397	P	268.859	LOC_Os01g62760.1
DG _{HPU}	Os016758_01	S5	1.414	0.000	P	260.039	P	693.042	P	517.033	LOC_Os11g32110.4
DG _{HPU}	Os016793_01	S5	1.506	1.907	P	192.869	P	547.963	P	146.085	LOC_Os02g52780.1
DG _{HPU}	Os016867_01	S5	0.000	-1.313	P	271.398	P	243.897	P	605.921	LOC_Os08g43390.1
DG _{HPU}	Os016878_01	S5	1.396	0.000	P	2395.802	P	6304.712	P	4742.440	LOC_Os02g18450.1
DG _{HPU}	Os016919_01	S5	3.169	3.644	P	384.618	P	3458.992	P	276.757	LOC_Os02g01590.1
DG _{HPU}	Os017376_01	S5	1.801	1.351	P	364.177	P	1269.452	P	497.498	LOC_Os07g48100.1
DG _{HPU}	Os017465_01	S5	0.000	-1.971	P	2707.336	P	1349.421	P	5291.228	LOC_Os07g48500.1
DG _{HPU}	Os017515_01	S5	10.000	1.347	A	112.634	P	415.705	P	163.440	LOC_Os06g48990.2
DG _{HPU}	Os017521_01	S5	0.000	-1.590	P	234.245	P	186.544	P	561.437	LOC_Os06g03720.1
DG _{HPU}	Os017842_01	S5	0.000	-1.333	P	229.912	P	182.341	P	459.488	LOC_Os01g59980.1

DG _{HPU}	Os017873_01	S5	10.000	3.003	A	1435.486	P	1287.132	P	160.589	LOC_Os11g25860.1
DG _{HPU}	Os017943_01	S5	0.000	1.357	P	727.284	P	1322.413	P	516.310	LOC_Os07g12340.1
DG _{HPU}	Os018037_01	S5	0.000	1.340	P	551.472	P	561.912	P	222.029	LOC_Os02g43790.1
DG _{HPU}	Os018201_01	S5	1.632	0.000	P	145.963	P	452.519	P	282.520	LOC_Os07g05570.1
DG _{HPU}	Os018288_01	S5	1.427	0.000	P	341.153	P	917.001	P	611.798	LOC_Os02g37970.1
DG _{HPU}	Os018289_01	S5	1.264	0.000	P	1734.605	P	4165.209	P	3123.834	LOC_Os10g42299.2
DG _{HPU}	Os018342_01	S5	0.000	-1.082	P	287.594	P	336.434	P	712.244	LOC_Os03g06620.1
DG _{HPU}	Os018393_01	S5	1.345	0.000	P	1191.452	P	3027.083	P	2484.542	LOC_Os09g38090.1
DG _{HPU}	Os018414_01	S5	-1.079	-1.730	P	515.735	P	244.080	P	809.834	LOC_Os07g28910.1
DG _{HPU}	Os018478_01	S5	1.664	0.000	P	226.005	P	716.163	P	431.205	LOC_Os05g05160.1
DG _{HPU}	Os018518_01	S5	1.312	0.000	P	188.486	P	467.865	P	432.062	LOC_Os07g38360.2
DG _{HPU}	Os018776_01	S5	0.000	-1.432	P	1193.349	P	783.239	P	2113.238	LOC_Os08g03290.1
DG _{HPU}	Os018786_01	S5	1.710	1.646	P	178.933	P	585.568	P	187.116	LOC_Os03g16670.1
DG _{HPU}	Os018983_01	S5	0.000	-1.664	P	671.961	P	429.862	P	1362.272	LOC_Os04g56160.1
DG _{HPU}	Os019004_01	S5	1.287	0.000	P	187.453	P	457.505	P	255.400	LOC_Os10g37340.1
DG _{HPU}	Os019071_01	S5	0.000	-1.092	P	283.697	P	235.572	P	502.025	LOC_Os02g38840.2
DG _{HPU}	Os019111_01	S5	1.362	0.000	P	207.038	P	532.041	P	302.098	LOC_Os07g43330.1
DG _{HPU}	Os019113_01	S5	0.000	-1.321	P	434.734	P	397.476	P	992.794	LOC_Os12g17910.1
DG _{HPU}	Os019140_01	S5	0.000	-1.206	P	651.254	P	448.774	P	1035.563	-
DG _{HPU}	Os019275_01	S5	0.000	-1.253	P	234.724	P	219.354	P	522.913	LOC_Os01g69970.1
DG _{HPU}	Os019634_01	S5	0.000	-1.076	P	1372.939	P	814.463	P	1716.969	LOC_Os06g02380.2
DG _{HPU}	Os019636_01	S5	1.503	0.000	P	621.383	P	1761.298	P	1317.008	-
DG _{HPU}	Os020028_01	S5	1.253	0.000	P	331.368	P	789.900	P	736.952	LOC_Os02g03260.1
DG _{HPU}	Os020055_01	S5	1.366	0.000	P	116.157	P	299.338	P	158.019	LOC_Os02g47980.1
DG _{HPU}	Os020261_01	S5	1.609	0.000	P	107.851	P	328.926	P	269.122	LOC_Os01g04950.3
DG _{HPU}	Os020383_01	S5	-1.080	10.000	P	1789.931	P	846.913	A	204.563	LOC_Os02g50320.1
DG _{HPU}	Os020610_01	S5	0.000	-1.292	P	184.850	P	153.478	P	375.712	LOC_Os01g55290.3
DG _{HPU}	Os020653_01	S5	2.133	1.510	P	202.305	P	887.333	P	311.638	LOC_Os11g05990.1
DG _{HPU}	Os020732_01	S5	0.000	-1.406	P	245.266	P	200.512	P	531.411	LOC_Os05g05950.1
DG _{HPU}	Os020837_01	S5	1.373	0.000	P	204.937	P	530.775	P	570.641	LOC_Os03g43750.1
DG _{HPU}	Os020886_01	S5	1.201	0.000	P	140.659	P	323.430	P	289.924	LOC_Os03g59470.1

DG _{HPU}	Os020903_01	S5	1.255	0.000	P	689.968	P	1646.476	P	1518.669	LOC_Os03g17870.1
DG _{HPU}	Os020962_01	S5	10.000	1.616	A	203.670	P	626.995	P	204.569	LOC_Os10g41930.2
DG _{HPU}	Os021048_01	S5	0.000	-1.082	P	640.502	P	453.168	P	959.173	LOC_Os01g63270.1
DG _{HPU}	Os021156_01	S5	1.357	10.000	P	85.960	P	220.241	A	122.561	LOC_Os12g43720.1
DG _{HPU}	Os021165_01	S5	1.339	0.000	P	201.921	P	510.684	P	352.889	LOC_Os05g30140.1
DG _{HPU}	Os021445_01	S5	1.577	0.000	P	1272.870	P	3796.959	P	1913.529	LOC_Os08g06110.1
DG _{HPU}	Os021497_01	S5	1.221	0.000	P	374.130	P	871.944	P	900.155	LOC_Os06g40080.1
DG _{HPU}	Os021588_01	S5	0.000	-1.336	P	5016.758	P	3928.713	P	9919.577	-
DG _{HPU}	Os021645_01	S5	1.794	1.603	P	219.791	P	762.099	P	250.803	LOC_Os01g12810.4
DG _{HPU}	Os021689_01	S5	-1.104	0.000	P	5251.987	P	2443.431	P	2223.826	LOC_Os03g21790.1
DG _{HPU}	Os021726_01	S5	1.819	1.404	P	615.032	P	2170.178	P	820.279	LOC_Os03g06080.1
DG _{HPU}	Os021927_01	S5	-1.093	-1.063	P	442.746	P	207.558	P	433.647	LOC_Os05g32820.1
DG _{HPU}	Os021929_01	S5	0.000	1.504	P	291.973	P	493.947	P	174.150	LOC_Os09g30414.1
DG _{HPU}	Os021946_01	S5	1.521	0.000	P	759.769	P	2181.022	P	1279.399	LOC_Os05g50930.1
DG _{HPU}	Os021993_01	S5	10.000	1.669	A	594.459	P	444.219	P	139.724	LOC_Os01g34780.2
DG _{HPU}	Os022000_01	S5	0.000	-1.130	P	1541.486	P	1301.759	P	2849.007	LOC_Os10g39410.1
DG _{HPU}	Os022133_01	S5	1.433	0.000	P	99.345	P	268.206	P	155.850	LOC_Os03g32170.1
DG _{HPU}	Os022142_01	S5	1.626	0.000	P	465.259	P	1436.337	P	706.123	LOC_Os09g31200.1
DG _{HPU}	Os022144_01	S5	10.000	-1.125	A	58.825	P	271.465	P	591.932	LOC_Os01g35789.1
DG _{HPU}	Os022157_01	S5	1.481	0.000	P	438.939	P	1224.957	P	1069.727	LOC_Os08g33540.1
DG _{HPU}	Os022866_01	S5	1.488	10.000	P	122.443	P	343.358	A	113.630	LOC_Os07g48830.1
DG _{HPU}	Os023056_01	S5	1.562	1.442	P	125.121	P	369.347	P	135.960	LOC_Os04g44530.5
DG _{HPU}	Os023251_01	S5	1.388	0.000	P	141.247	P	369.753	P	389.197	-
DG _{HPU}	Os023451_01	S5	1.189	0.000	P	436.180	P	994.703	P	499.857	LOC_Os05g33514.1
DG _{HPU}	Os023508_01	S5	1.839	0.000	P	988.925	P	3539.031	P	2503.083	LOC_Os08g04430.1
DG _{HPU}	Os023514_01	S5	0.000	-1.249	P	271.965	P	215.972	P	513.453	LOC_Os05g35050.1
DG _{HPU}	Os023589_01	S5	10.000	-1.402	A	138.649	P	545.549	P	1441.504	LOC_Os05g05650.1
DG _{HPU}	Os023652_01	S5	0.000	1.222	P	393.460	P	341.563	P	146.389	LOC_Os04g52750.1
DG _{HPU}	Os023774_01	S5	1.742	10.000	P	107.354	P	359.014	A	113.516	LOC_Os09g38320.1
DG _{HPU}	Os023831_01	S5	1.504	1.310	P	164.436	P	466.348	P	188.044	LOC_Os08g34240.1
DG _{HPU}	Os023944_01	S5	1.448	0.000	P	134.640	P	367.345	P	168.917	LOC_Os09g28650.1

DG _{HPU}	Os023983_01	S5	0.000	-1.072	P	394.851	P	373.065	P	784.076	LOC_Os02g58500.1
DG _{HPU}	Os023998_01	S5	-1.084	0.000	P	439.358	P	207.296	P	170.095	LOC_Os08g42570.1
DG _{HPU}	Os024079_01	S5	1.330	0.000	P	168.484	P	423.596	P	259.822	LOC_Os07g24230.1
DG _{HPU}	Os024254_01	S5	0.000	1.370	P	281.824	P	381.351	P	147.536	LOC_Os09g26780.1
DG _{HPU}	Os024270_01	S5	0.000	1.243	P	317.755	P	563.322	P	238.033	LOC_Os05g36990.1
DG _{HPU}	Os024767_01	S5	1.653	0.000	P	204.448	P	642.942	P	302.190	LOC_Os03g59360.1
DG _{HPU}	Os024796_01	S5	1.209	0.000	P	207.885	P	480.637	P	560.109	LOC_Os02g35500.1
DG _{HPU}	Os024813_01	S5	1.579	0.000	P	274.992	P	821.653	P	630.539	LOC_Os06g06560.1
DG _{HPU}	Os024863_01	S5	1.488	0.000	P	129.618	P	363.656	P	240.064	LOC_Os03g05800.1
DG _{HPU}	Os024959_01	S5	0.000	-1.202	P	923.354	P	755.058	P	1737.016	LOC_Os02g08150.1
DG _{HPU}	Os025809_01	S5	0.000	-1.800	P	382.891	P	277.552	P	966.215	LOC_Os09g15230.1
DG _{HPU}	Os026266_01	S5	1.486	10.000	P	436.623	P	1222.878	A	1749.183	-
DG _{HPU}	Os026390_01	S5	0.000	1.437	P	568.249	P	1211.884	P	447.552	LOC_Os05g25040.2
DG _{HPU}	Os026464_01	S5	0.000	1.651	P	1608.410	P	2132.330	P	679.025	LOC_Os09g34100.1
DG _{HPU}	Os026558_01	S5	1.578	10.000	P	269.639	P	805.153	A	1058.449	LOC_Os08g42810.1
DG _{HPU}	Os026917_01	S5	0.000	1.513	P	10124.574	P	14571.149	P	5106.447	LOC_Os04g52250.1
DG _{HPU}	Os026920_01	S5	1.382	10.000	P	401.702	P	1046.795	A	1488.549	LOC_Os07g28290.1
DG _{HPU}	Os027379_02	S5	-1.377	0.000	P	4267.882	P	1643.163	P	2073.987	-
DG _{HPU}	Os027659_01	S5	-1.417	0.000	P	7052.702	P	2641.402	P	4920.744	LOC_Os02g02890.1
DG _{HPU}	Os027678_01	S5	0.000	1.281	P	949.807	P	1161.294	P	478.024	-
DG _{HPU}	Os027686_01	S5	0.000	1.577	P	231.451	P	505.836	P	169.604	LOC_Os06g04630.1
DG _{HPU}	Os028382_01	S5	0.000	-1.076	P	299.083	P	218.893	P	461.433	LOC_Os06g02580.1
DG _{HPU}	Os028407_01	S5	1.667	10.000	P	721.771	P	2291.550	A	2850.369	LOC_Os08g44540.1
DG _{HPU}	Os029195_01	S5	-1.178	0.000	P	552.937	P	244.383	P	489.340	LOC_Os01g56420.1
DG _{HPU}	Os029226_01	S5	0.000	1.331	P	328.329	P	654.902	P	260.301	LOC_Os05g46040.1
DG _{HPU}	Os029577_01	S5	0.000	-1.326	P	761.859	P	383.709	P	961.912	LOC_Os05g50340.1
DG _{HPU}	Os029694_01	S5	-1.236	0.000	P	1569.632	P	666.608	P	811.132	LOC_Os07g41580.1
DG _{HPU}	Os030167_01	S5	0.000	-1.768	P	266.088	P	223.197	P	760.193	LOC_Os01g18584.1
DG _{HPU}	Os030190_01	S5	-1.613	0.000	P	951.767	P	311.200	P	402.938	-
DG _{HPU}	Os030789_01	S5	-1.110	10.000	P	5357.315	P	2482.464	A	199.261	LOC_Os01g48600.1
DG _{HPU}	Os031095_01	S5	0.000	-1.881	P	190.487	P	143.521	P	528.493	LOC_Os02g13350.1

DG _{HPU}	Os031927_01	S5	1.431	1.661	P	706.732	P	1905.262	P	602.521	LOC_Os03g07960.1
DG _{HPU}	Os033430_01	S5	10.000	-1.172	A	161.926	P	560.254	P	1262.814	LOC_Os10g22630.1
DG _{HPU}	Os033786_01	S5	1.600	2.138	P	243.514	P	738.242	P	167.766	LOC_Os05g05410.1
DG _{HPU}	Os034112_01	S5	-1.102	0.000	P	940.166	P	437.919	P	341.793	LOC_Os02g40130.1
DG _{HPU}	Os034833_01	S5	0.000	1.929	P	366.334	P	567.259	P	149.009	LOC_Os10g35070.4
DG _{HPU}	Os035558_01	S5	-1.262	0.000	P	17524.279	P	7307.398	P	15062.712	LOC_Os06g47360.1
DG _{HPU}	Os035594_01	S5	1.982	10.000	P	267.852	P	1057.901	A	967.402	LOC_Os12g15680.1
DG _{HPU}	Os035852_01	S5	1.209	0.000	P	419.920	P	970.712	P	618.946	LOC_Os04g41570.3
DG _{HPU}	Os036231_01	S5	-1.090	0.000	P	1934.736	P	908.697	P	1032.708	LOC_Os03g46200.1
DG _{HPU}	Os036440_01	S5	1.918	10.000	P	212.892	P	804.242	A	862.311	LOC_Os01g35254.1
DG _{HPU}	Os036576_01	S5	-1.154	-1.357	P	367.552	P	165.151	P	423.159	LOC_Os03g31690.1
DG _{HPU}	Os037907_01	S5	1.346	10.000	P	137.888	P	350.483	A	353.593	LOC_Os03g12160.1
DG _{HPU}	Os038478_01	S5	0.000	-1.520	P	342.867	P	256.355	P	735.229	LOC_Os01g44390.1
DG _{HPU}	Os038480_01	S5	0.000	-1.594	P	645.195	P	333.207	P	1005.764	LOC_Os01g44370.1
DG _{HPU}	Os038506_01	S5	0.000	-1.530	P	1558.261	P	942.422	P	2721.700	LOC_Os02g09150.2
DG _{HPU}	Os039150_01	S5	-1.366	10.000	P	576.198	P	223.531	A	48.853	LOC_Os02g18070.1
DG _{HPU}	Os039379_01	S5	1.255	0.000	P	1131.971	P	2701.499	P	2259.514	LOC_Os04g51510.1
DG _{HPU}	Os039715_01	S5	0.000	-1.409	P	329.364	P	212.525	P	564.324	LOC_Os01g21990.1
DG _{HPU}	Os040011_01	S5	0.000	1.272	P	444.771	P	533.392	P	220.804	LOC_Os04g07930.1
DG _{HPU}	Os040248_01	S5	-1.528	-1.433	P	1607.206	P	557.478	P	1504.996	LOC_Os03g37960.1
DG _{HPU}	Os041929_01	S5	1.474	0.000	P	266.127	P	739.039	P	627.911	LOC_Os06g28320.1
DG _{HPU}	Os042038_01	S5	0.000	-2.063	P	318.063	P	202.829	P	847.311	LOC_Os06g15990.1
DG _{HPU}	Os042267_01	S5	-1.177	0.000	P	595.273	P	263.289	P	526.998	LOC_Os10g24970.1
DG _{HPU}	Os042617_01	S5	0.000	1.311	P	270.209	P	363.827	P	146.644	LOC_Os02g36490.2
DG _{HPU}	Os042725_01	S5	-1.072	10.000	P	392.538	P	186.737	A	33.071	LOC_Os07g35740.1
DG _{HPU}	Os043506_01	S5	0.000	1.249	P	1348.549	P	2761.156	P	1162.080	LOC_Os07g35880.1
DG _{HPU}	Os043740_01	S5	-1.470	0.000	P	7662.097	P	2766.201	P	4514.255	LOC_Os04g11956.1
DG _{HPU}	Os044283_01	S5	10.000	-1.359	A	100.997	P	589.482	P	1511.648	-
DG _{HPU}	Os044585_01	S5	-1.170	10.000	P	736.974	P	327.513	A	87.597	LOC_Os05g14360.1
DG _{HPU}	Os044660_01	S5	0.000	1.234	P	330.768	P	350.398	P	148.968	LOC_Os11g43200.1
DG _{HPU}	Os044913_01	S5	0.000	1.402	P	594.980	P	1092.528	P	413.552	LOC_Os02g27300.1

DG _{HPU}	Os045140_01	S5	-1.105	0.000	P	428.528	P	199.245	P	157.457	LOC_Os08g27460.1
DG _{HPU}	Os045347_01	S5	10.000	-1.099	A	134.102	P	692.322	P	1483.118	LOC_Os06g18120.1
DG _{HPU}	Os045783_01	S5	1.453	10.000	P	164.540	P	450.543	A	492.560	-
DG _{HPU}	Os046309_01	S5	0.000	1.452	P	450.542	P	454.027	P	165.900	LOC_Os08g06070.1
DG _{HPU}	Os046433_01	S5	0.000	-1.079	P	690.538	P	507.417	P	1071.585	LOC_Os12g17910.1
DG _{HPU}	Os046795_01	S5	0.000	1.424	P	217.968	P	344.389	P	128.356	LOC_Os04g43400.1
DG _{HPU}	Os046888_01	S5	1.556	1.349	P	493.435	P	1450.627	P	569.650	LOC_Os03g25460.1
DG _{HPU}	Os048525_01	S5	-1.919	0.000	P	5048.548	P	1335.431	P	2205.190	LOC_Os07g14750.1
DG _{HPU}	Os048713_01	S5	-1.222	-1.304	P	609.566	P	261.262	P	645.008	LOC_Os11g27090.1
DG _{HPU}	Os048731_01	S5	0.000	-1.371	P	423.332	P	208.240	P	538.739	-
DG _{HPU}	Os050784_01	S5	-1.076	0.000	P	567.251	P	269.119	P	339.936	LOC_Os11g27640.1
DG _{HPU}	Os050787_01	S5	-1.425	0.000	P	1363.258	P	507.861	P	650.464	LOC_Os03g28980.1
DG _{HPU}	Os051647_01	S5	1.453	0.000	P	160.548	P	439.405	P	406.832	-
DG _{HPU}	Os051932_01	S5	1.587	0.000	P	1736.786	P	5218.792	P	3138.886	LOC_Os06g04030.1
DG _{HPU}	Os051940_01	S5	0.000	-1.382	P	1268.171	P	1239.701	P	3230.521	LOC_Os10g39410.1
DG _{HPU}	Os051956_01	S5	0.000	-1.346	P	7161.984	P	5335.476	P	13558.571	LOC_Os07g37240.1
DG _{HPU}	Os051957_01	S5	0.000	-1.603	P	638.335	P	422.507	P	1283.642	LOC_Os11g26850.2
DG _{HPU}	Os051973_01	S5	0.000	-1.219	P	5805.996	P	5607.101	P	13048.773	LOC_Os01g45274.1
DG _{HPU}	Os051980_01	S5	0.000	-1.462	P	727.866	P	624.850	P	1721.491	LOC_Os02g27030.1
DG _{HPU}	Os051997_01	S5	2.168	0.000	P	135.121	P	607.204	P	347.749	LOC_Os04g54280.1
DG _{HPU}	Os052035_01	S5	1.233	0.000	P	282.231	P	663.424	P	476.120	LOC_Os01g37800.1
DG _{HPU}	Os052080_01	S5	1.217	0.000	P	144.762	P	336.566	P	371.278	LOC_Os08g44480.2
DG _{HPU}	Os052094_01	S5	1.192	0.000	P	168.127	P	384.100	P	283.458	LOC_Os05g44050.1
DG _{HPU}	Os052111_01	S5	1.476	0.000	P	280.929	P	781.440	P	568.723	LOC_Os09g31482.3
DG _{HPU}	Os052140_01	S5	1.581	0.000	P	746.703	P	2233.431	P	2023.913	LOC_Os08g43560.1
DG _{HPU}	Os052148_01	S5	1.526	0.000	P	428.680	P	1234.554	P	935.047	-
DG _{HPU}	Os052214_01	S5	0.000	2.415	P	324.739	P	735.001	P	137.816	-
DG _{HPU}	Os052236_01	S5	1.299	0.000	P	357.439	P	879.626	P	920.030	LOC_Os01g50760.1
DG _{HPU}	Os052259_01	S5	1.550	0.000	P	191.083	P	559.510	P	487.629	LOC_Os08g19650.1
DG _{HPU}	Os052331_01	S5	1.269	0.000	P	224.549	P	541.290	P	609.304	LOC_Os04g32710.1
DG _{HPU}	Os052360_01	S5	1.307	0.000	P	164.327	P	406.673	P	444.285	LOC_Os03g50070.1

DG _{HPU}	Os052464_01	S5	1.239	0.000	P	137.737	P	325.080	P	196.016	LOC_Os02g50210.1
DG _{HPU}	Os052515_01	S5	1.308	0.000	P	193.010	P	477.773	P	262.199	-
DG _{HPU}	Os052535_01	S5	1.718	0.000	P	1137.289	P	3741.575	P	2566.886	LOC_Os03g54160.2
DG _{HPU}	Os052559_01	S5	1.395	0.000	P	302.129	P	794.724	P	855.196	LOC_Os01g48690.1
DG _{HPU}	Os052580_01	S5	1.397	0.000	P	261.905	P	689.662	P	323.055	LOC_Os01g69030.3
DG _{HPU}	Os052672_01	S5	0.000	1.256	P	294.376	P	545.377	P	228.374	LOC_Os01g62810.2
DG _{HPU}	Os052727_01	S5	2.212	0.000	P	623.292	P	2888.121	P	1328.652	LOC_Os01g64660.2
DG _{HPU}	Os053523_01	S5	1.899	0.000	P	141.792	P	528.887	P	320.684	LOC_Os02g45520.2
DG _{HPU}	Os053553_01	S5	1.438	0.000	P	133.962	P	362.955	P	216.427	LOC_Os01g54880.1
DG _{HPU}	Os053602_01	S5	0.000	1.272	P	284.713	P	442.704	P	183.324	-
DG _{HPU}	Os053716_01	S5	0.000	1.287	P	1804.475	P	1651.040	P	676.377	LOC_Os01g42294.1
DG _{HPU}	Os054035_01	S5	2.204	10.000	P	197.735	P	911.267	A	145.590	-
DG _{HPU}	Os054397_01	S5	1.504	0.000	P	131.998	P	374.505	P	204.872	LOC_Os10g28200.1
DG _{HPU}	Os054429_01	S5	-1.325	0.000	P	381.226	P	152.154	P	183.286	LOC_Os12g38051.1
DG _{HPU}	Os054452_01	S5	0.000	-1.260	P	4527.803	P	4287.447	P	10266.665	LOC_Os07g04840.1
DG _{HPU}	Os054471_01	S5	0.000	1.234	P	573.241	P	482.948	P	205.380	LOC_Os10g40530.1
DG _{HPU}	Os054482_01	S5	-1.139	-1.743	P	987.621	P	448.371	P	1500.721	LOC_Os05g49890.1
DG _{HPU}	Os054485_01	S5	1.451	0.000	P	295.881	P	809.114	P	834.769	LOC_Os10g39130.1
DG _{HPU}	Os054487_01	S5	0.000	-1.472	P	911.794	P	687.050	P	1905.912	LOC_Os06g04020.1
DG _{HPU}	Os054491_01	S5	0.000	-1.126	P	573.033	P	525.217	P	1146.032	-
DG _{HPU}	Os054550_01	S5	0.000	-1.120	P	418.917	P	266.289	P	578.861	LOC_Os06g04070.1
DG _{HPU}	Os054562_01	S5	1.348	2.191	P	1488.457	P	3787.826	P	829.543	LOC_Os01g21250.1
DG _{HPU}	Os054590_01	S5	10.000	3.650	A	191.650	P	2204.687	P	175.625	LOC_Os03g09250.2
DG _{HPU}	Os054627_01	S5	0.000	-1.530	P	472.621	P	294.987	P	852.053	LOC_Os01g73940.1
DG _{HPU}	Os054634_01	S5	1.496	0.000	P	742.355	P	2093.976	P	937.424	LOC_Os10g32810.1
DG _{HPU}	Os054641_01	S5	1.518	0.000	P	739.282	P	2117.015	P	1267.601	LOC_Os01g60410.3
DG _{HPU}	Os054673_01	S5	1.281	0.000	P	393.037	P	955.159	P	552.805	LOC_Os03g55540.1
DG _{HPU}	Os054727_01	S5	1.356	0.000	P	255.292	P	653.636	P	603.723	LOC_Os01g61670.1
DG _{HPU}	Os054734_02	S5	1.617	10.000	P	223.470	P	685.517	A	782.423	LOC_Os06g03486.1
DG _{HPU}	Os054741_01	S5	10.000	-3.906	A	67.440	P	225.190	P	3375.287	-
DG _{HPU}	Os054785_01	S5	1.643	0.000	P	99.077	P	309.496	P	219.255	LOC_Os01g09220.1

DG _{HPU}	Os054838_01	S5	0.000	-1.174	P	182.013	P	186.489	P	420.748	LOC_Os03g13800.1	
DG _{HPU}	Os054937_01	S5	0.000	-1.133	P	145.339	P	154.958	P	339.861	LOC_Os02g11740.1	
DG _{HPU}	Os054941_01	S5	1.430	0.000	P	302.486	P	815.256	P	683.005	LOC_Os09g07920.1	
DG _{HPU}	Os055014_01	S5	1.310	0.000	P	190.259	P	471.696	P	454.912	LOC_Os06g01700.1	
DG _{HPU}	Os055042_01	S5	1.512	10.000	P	148.327	P	422.913	A	210.443	LOC_Os09g06464.1	
DG _{HPU}	Os055136_01	S5	1.553	0.000	P	165.629	P	485.884	P	355.109	LOC_Os07g46520.1	
DG _{HPU}	Os055148_01	S5	1.445	0.000	P	442.986	P	1206.038	P	745.871	LOC_Os03g55030.1	
DG _{HPU}	Os055214_01	S5	1.184	0.000	P	122.719	P	278.862	P	255.586	LOC_Os01g40340.1	
DG _{HPU}	Os055398_01	S5	0.000	-1.069	P	118.075	P	127.379	P	267.228	-	
DG _{HPU}	Os055470_01	S5	1.937	2.056	P	234.278	P	897.371	P	215.753	LOC_Os04g45810.1	
DG _{HPU}	Os055517_01	S5	1.449	0.000	P	137.840	P	376.415	P	387.187	LOC_Os02g10860.1	
DG _{HPU}	Os055679_01	S5	10.000	-1.864	A	98.417	P	207.094	P	754.109	LOC_Os01g12270.1	
DG _{HPU}	Os055766_02	S5	1.431	0.000	P	214.040	P	577.043	P	291.185	-	
DG _{HPU}	Os056149_01	S5	-1.276	-1.115	P	6215.269	P	2566.908	P	5559.825	LOC_Os01g22249.1	
DG _{HPU}	Os056222_01	S5	0.000	1.261	P	1332.570	P	1366.157	P	569.906	LOC_Os06g01580.1	
DG _{HPU}	Os056250_01	S5	0.000	1.639	P	496.888	P	935.017	P	300.117	LOC_Os04g33490.1	
DG _{HPU}	Os056390_01	S5	0.000	1.435	P	904.456	P	887.282	P	328.110	LOC_Os01g68330.1	
DG _{HPU}	Os056782_01	S5	-1.275	0.000	P	531.848	P	219.739	P	278.097	LOC_Os04g09530.1	
DG _{HPU}	Os056903_02	S5	-1.112	-2.124	P	344.219	P	159.298	P	694.326	LOC_Os01g59510.1	
DG _{HPU}	Os056920_02	S5	0.000	-1.247	P	1511.554	P	836.804	P	1985.607	-	
DG _{HPU}	Os056928_02	S5	-1.116	-1.782	P	3785.857	P	1747.079	P	6009.075	LOC_Os09g27030.3	
DG _{HPU}	Os056946_01	S5	0.000	1.531	P	1006.473	P	1037.356	P	358.968	LOC_Os05g34770.1	
DG _{HPU}	Os057021_02	S5	0.000	1.245	P	379.539	P	439.716	P	185.459	LOC_Os02g11050.1	
DG _{HPU}	Os057253_02	S5	0.000	-1.070	P	187.214	P	213.224	P	447.740	LOC_Os05g39760.1	
DG _{HPU}	Os057274_02	S5	1.437	0.000	P	1196.709	P	3239.749	P	2736.959	LOC_Os05g38640.1	
DG _{HPU}	Os057301_02	S5	1.446	0.000	P	463.327	P	1262.751	P	1018.292	LOC_Os03g04710.1	
DG _{HPU}	Os057402_02	S5	1.386	10.000	P	141.132	P	368.814	A	90.419	-	
DG _{HPU}	Os057481_02	S5	1.455	2.406	P	670.569	P	1838.851	P	347.057	LOC_Os04g43390.1	
DG _{HPU}	Os057595_02	S5	0.000	-1.362	P	891.932	P	752.751	P	1935.402	LOC_Os05g49610.1	
DG _{HPU}	GeneID	S4	log2(Ratio(L/9))			log2(Ratio(L/P))		He_9311.flag		He_9311	He_LYP9.flag	He_LYP9
			He_PA64s.flag	He_PA64s		TIGR5.id						

DG _{HPU}	Os000198_01	S4	-1.438	0.000	P	630.267	P	232.644	P	343.503	LOC_Os05g27820.2
DG _{HPU}	Os000238_01	S4	-1.362	-1.410	P	377.444	P	146.851	P	390.285	LOC_Os05g36050.1
DG _{HPU}	Os000242_01	S4	-1.384	0.000	P	429.805	P	164.662	P	282.176	LOC_Os12g05040.3
DG _{HPU}	Os000249_01	S4	0.000	-1.351	P	235.277	P	190.925	P	486.941	LOC_Os03g58810.1
DG _{HPU}	Os000312_01	S4	-2.003	0.000	P	841.318	P	209.933	P	326.020	LOC_Os06g04240.1
DG _{HPU}	Os000342_01	S4	0.000	-1.233	P	310.664	P	339.072	P	797.168	LOC_Os10g34180.2
DG _{HPU}	Os000389_01	S4	-1.183	0.000	P	886.391	P	390.318	P	676.545	LOC_Os05g27730.1
DG _{HPU}	Os000416_01	S4	-2.068	0.000	P	5057.019	P	1206.392	P	2052.593	LOC_Os08g39450.1
DG _{HPU}	Os000458_01	S4	-1.260	0.000	P	777.665	P	324.780	P	589.202	LOC_Os12g04260.1
DG _{HPU}	Os000590_01	S4	-1.289	0.000	P	558.200	P	228.404	P	328.798	LOC_Os05g03590.1
DG _{HPU}	Os000665_01	S4	0.000	-1.424	P	182.587	P	211.592	P	567.620	LOC_Os02g48640.1
DG _{HPU}	Os000694_01	S4	0.000	-1.590	P	283.889	P	269.969	P	812.470	LOC_Os02g49640.1
DG _{HPU}	Os000781_01	S4	0.000	1.787	P	238.119	P	473.879	P	137.274	LOC_Os01g16010.1
DG _{HPU}	Os000784_01	S4	-1.124	0.000	P	808.419	P	370.889	P	298.983	LOC_Os07g01320.1
DG _{HPU}	Os000838_01	S4	-1.161	0.000	P	400.080	P	178.882	P	246.131	LOC_Os05g22370.1
DG _{HPU}	Os000897_01	S4	-1.176	0.000	P	486.815	P	215.409	P	261.432	LOC_Os03g55490.1
DG _{HPU}	Os001035_01	S4	0.000	-1.150	P	336.505	P	355.719	P	789.388	LOC_Os01g61070.1
DG _{HPU}	Os001105_01	S4	0.000	-1.262	P	337.617	P	227.445	P	545.405	LOC_Os03g53580.1
DG _{HPU}	Os001272_01	S4	-1.645	0.000	P	954.131	P	305.105	P	289.304	-
DG _{HPU}	Os001430_01	S4	0.000	-1.487	P	408.250	P	240.307	P	673.463	LOC_Os05g05560.1
DG _{HPU}	Os001460_01	S4	0.000	-1.219	P	427.606	P	264.657	P	616.008	LOC_Os11g33970.1
DG _{HPU}	Os001715_01	S4	1.541	0.000	P	1115.202	P	3244.107	P	1319.637	LOC_Os07g38240.1
DG _{HPU}	Os001749_01	S4	1.747	1.966	P	880.075	P	2954.274	P	756.115	LOC_Os01g65530.1
DG _{HPU}	Os001758_01	S4	0.000	1.416	P	899.167	P	936.072	P	350.738	LOC_Os04g18790.1
DG _{HPU}	Os001957_01	S4	-1.401	0.000	P	1658.840	P	628.333	P	615.711	LOC_Os07g38230.1
DG _{HPU}	Os002092_01	S4	0.000	-1.185	P	2498.968	P	1458.924	P	3316.998	LOC_Os02g04510.1
DG _{HPU}	Os002390_01	S4	0.000	-1.172	P	1022.315	P	1267.645	P	2855.966	LOC_Os07g05360.1
DG _{HPU}	Os002451_01	S4	-1.292	0.000	P	774.992	P	316.462	P	625.995	LOC_Os01g47730.1
DG _{HPU}	Os002516_02	S4	0.000	-1.603	P	427.533	P	247.656	P	752.251	-
DG _{HPU}	Os002633_01	S4	0.000	1.587	P	644.805	P	595.106	P	198.075	LOC_Os03g22960.1
DG _{HPU}	Os002753_01	S4	-1.075	0.000	P	613.780	P	291.404	P	388.013	LOC_Os12g32610.1

DG _{HPU}	Os003568_02	S4	-1.806	0.000	P	1628.723	P	465.749	P	1018.335	-
DG _{HPU}	Os004380_01	S4	0.000	-1.162	P	170.170	P	243.778	P	545.339	LOC_Os08g06460.1
DG _{HPU}	Os004928_01	S4	0.000	1.405	P	187.670	P	249.723	P	94.318	LOC_Os11g37950.1
DG _{HPU}	Os005117_01	S4	0.000	-1.229	P	237.096	P	243.901	P	571.634	LOC_Os01g13150.1
DG _{HPU}	Os005218_01	S4	0.000	-1.156	P	247.251	P	259.597	P	578.473	-
DG _{HPU}	Os006128_01	S4	-1.259	0.000	P	1306.176	P	545.739	P	1019.373	-
DG _{HPU}	Os006659_01	S4	0.000	1.474	P	303.719	P	276.560	P	99.589	-
DG _{HPU}	Os006922_01	S4	0.000	1.426	P	438.338	P	446.868	P	166.273	-
DG _{HPU}	Os007387_01	S4	0.000	1.539	P	369.249	P	405.468	P	139.523	-
DG _{HPU}	Os007689_01	S4	1.485	10.000	P	108.159	P	302.768	A	290.788	LOC_Os09g19734.1
DG _{HPU}	Os007693_01	S4	1.875	0.000	P	115.194	P	422.647	P	258.597	LOC_Os07g03880.1
DG _{HPU}	Os007729_01	S4	0.000	1.457	P	251.729	P	396.187	P	144.300	LOC_Os09g29380.1
DG _{HPU}	Os008153_02	S4	1.484	0.000	P	839.984	P	2350.043	P	1510.106	-
DG _{HPU}	Os008420_01	S4	-1.254	-1.609	P	3205.551	P	1344.081	P	4099.039	LOC_Os04g37619.1
DG _{HPU}	Os008632_01	S4	0.000	1.558	P	254.112	P	324.102	P	110.088	LOC_Os03g15940.1
DG _{HPU}	Os008644_01	S4	0.000	1.512	P	303.205	P	440.349	P	154.380	LOC_Os02g41520.1
DG _{HPU}	Os008660_01	S4	0.000	1.972	P	237.490	P	344.815	P	87.892	LOC_Os01g73540.1
DG _{HPU}	Os008667_01	S4	0.000	1.468	P	249.079	P	297.616	P	107.617	LOC_Os04g17680.2
DG _{HPU}	Os008740_01	S4	0.000	-1.621	P	4155.419	P	2858.211	P	8793.148	LOC_Os04g45490.1
DG _{HPU}	Os008742_01	S4	1.467	0.000	P	1128.063	P	3119.519	P	2324.487	LOC_Os09g35880.1
DG _{HPU}	Os008751_01	S4	1.638	0.000	P	125.663	P	391.168	P	405.868	-
DG _{HPU}	Os008761_01	S4	-1.906	0.000	P	1163.906	P	310.607	P	464.333	LOC_Os02g32580.1
DG _{HPU}	Os008866_01	S4	1.460	0.000	P	614.694	P	1691.394	P	1093.241	LOC_Os10g10180.1
DG _{HPU}	Os008938_01	S4	0.000	1.539	P	369.557	P	519.550	P	178.776	LOC_Os12g35320.1
DG _{HPU}	Os009085_01	S4	1.592	0.000	P	122.269	P	368.572	P	308.400	LOC_Os10g23220.2
DG _{HPU}	Os009089_01	S4	1.511	0.000	P	190.202	P	542.201	P	209.617	LOC_Os04g38940.1
DG _{HPU}	Os009179_01	S4	0.000	1.578	P	178.156	P	291.477	P	97.639	LOC_Os04g15690.1
DG _{HPU}	Os009211_01	S4	0.000	1.471	P	179.921	P	393.625	P	142.024	LOC_Os10g28120.1
DG _{HPU}	Os009286_01	S4	0.000	1.460	P	480.697	P	633.717	P	230.378	LOC_Os02g34860.1
DG _{HPU}	Os009373_01	S4	0.000	1.430	P	173.707	P	339.621	P	126.009	LOC_Os07g30170.1
DG _{HPU}	Os009577_01	S4	1.996	0.000	P	467.764	P	1865.727	P	715.097	LOC_Os11g16550.1

DG _{HPU}	Os009664_01	S4	0.000	1.668	P	909.320	P	1313.017	P	413.278	LOC_Os03g04470.1
DG _{HPU}	Os009858_01	S4	0.000	1.459	P	502.486	P	618.530	P	224.996	LOC_Os09g02270.1
DG _{HPU}	Os009876_01	S4	0.000	1.542	P	269.843	P	353.986	P	121.552	-
DG _{HPU}	Os009986_01	S4	-2.393	10.000	P	2096.008	P	399.132	A	130.035	-
DG _{HPU}	Os009997_01	S4	0.000	1.573	P	279.420	P	255.428	P	85.856	LOC_Os12g26220.1
DG _{HPU}	Os010014_01	S4	0.000	1.518	P	326.894	P	407.152	P	142.200	-
DG _{HPU}	Os010034_01	S4	0.000	1.433	P	1762.902	P	1724.652	P	638.944	LOC_Os01g68940.1
DG _{HPU}	Os010054_01	S4	0.000	1.903	P	294.521	P	531.702	P	142.140	LOC_Os09g24650.4
DG _{HPU}	Os010107_01	S4	0.000	1.547	P	585.914	P	516.468	P	176.785	LOC_Os10g42196.1
DG _{HPU}	Os010115_01	S4	0.000	-1.206	P	637.507	P	910.304	P	2099.777	LOC_Os09g36040.1
DG _{HPU}	Os010117_01	S4	1.973	10.000	P	1219.485	P	4787.088	A	3021.859	LOC_Os05g50840.1
DG _{HPU}	Os010118_01	S4	0.000	1.441	P	401.036	P	347.625	P	128.035	-
DG _{HPU}	Os010267_01	S4	0.000	1.631	P	3427.769	P	3385.160	P	1093.215	-
DG _{HPU}	Os010273_01	S4	-1.781	0.000	P	760.835	P	221.360	P	217.061	LOC_Os04g30420.1
DG _{HPU}	Os010306_01	S4	-1.392	0.000	P	1358.595	P	517.571	P	621.025	LOC_Os06g43810.1
DG _{HPU}	Os010373_01	S4	0.000	1.490	P	503.619	P	537.452	P	191.325	-
DG _{HPU}	Os010384_01	S4	0.000	1.683	P	612.244	P	750.665	P	233.731	LOC_Os03g47060.1
DG _{HPU}	Os010471_01	S4	0.000	1.469	P	519.850	P	516.115	P	186.463	-
DG _{HPU}	Os010480_01	S4	0.000	1.485	P	263.930	P	541.309	P	193.433	LOC_Os08g06010.1
DG _{HPU}	Os010521_01	S4	0.000	1.656	P	1618.463	P	1590.784	P	504.831	LOC_Os10g37350.1
DG _{HPU}	Os010592_01	S4	0.000	1.894	P	2041.223	P	2238.927	P	602.569	LOC_Os04g32310.1
DG _{HPU}	Os010845_01	S4	0.000	1.586	P	207.401	P	314.744	P	104.807	-
DG _{HPU}	Os010870_01	S4	0.000	1.764	P	217.095	P	492.140	P	144.923	-
DG _{HPU}	Os010929_01	S4	0.000	1.800	P	268.787	P	341.274	P	98.030	LOC_Os01g27210.1
DG _{HPU}	Os010930_01	S4	1.632	10.000	P	165.941	P	514.226	A	19.545	LOC_Os06g29730.1
DG _{HPU}	Os011337_01	S4	1.573	10.000	P	81.780	P	243.269	A	47.460	-
DG _{HPU}	Os011442_01	S4	-1.385	0.000	P	553.245	P	211.856	P	180.051	LOC_Os01g53280.2
DG _{HPU}	Os011506_01	S4	1.540	0.000	P	97.512	P	283.645	P	213.771	-
DG _{HPU}	Os011562_01	S4	1.701	10.000	P	130.462	P	424.287	A	-30.154	LOC_Os04g08410.1
DG _{HPU}	Os011563_01	S4	-1.222	10.000	P	862.368	P	369.617	A	17.904	LOC_Os03g13810.1
DG _{HPU}	Os011582_01	S4	0.000	1.531	P	272.352	P	423.628	P	146.590	LOC_Os03g13380.1

DG _{HPU}	Os011585_01	S4	1.509	0.000	P	116.178	P	330.684	P	144.492	LOC_Os01g61890.1
DG _{HPU}	Os011627_01	S4	0.000	1.454	P	326.524	P	339.838	P	124.080	LOC_Os05g38180.1
DG _{HPU}	Os011630_01	S4	1.479	0.000	P	126.631	P	352.886	P	359.434	LOC_Os08g39440.2
DG _{HPU}	Os011636_01	S4	1.749	0.000	P	90.514	P	304.346	P	217.773	LOC_Os08g36994.1
DG _{HPU}	Os011643_01	S4	-1.490	0.000	P	1118.854	P	398.284	P	531.045	LOC_Os06g14420.1
DG _{HPU}	Os011647_01	S4	0.000	1.575	P	1331.159	P	2374.875	P	797.148	LOC_Os02g51020.1
DG _{HPU}	Os011700_01	S4	1.432	0.000	P	106.792	P	288.233	P	322.801	LOC_Os01g40330.1
DG _{HPU}	Os011717_01	S4	0.000	1.616	P	252.519	P	350.290	P	114.310	LOC_Os04g47970.1
DG _{HPU}	Os011721_01	S4	10.000	1.774	A	152.169	P	433.365	P	126.745	-
DG _{HPU}	Os011789_01	S4	1.470	0.000	P	237.382	P	657.401	P	498.371	LOC_Os01g32080.1
DG _{HPU}	Os011793_01	S4	0.000	1.511	P	1619.534	P	1731.509	P	607.380	LOC_Os03g20100.1
DG _{HPU}	Os011803_01	S4	1.784	10.000	P	108.538	P	373.764	A	37.603	LOC_Os01g37770.1
DG _{HPU}	Os011861_01	S4	0.000	1.588	P	190.738	P	386.969	P	128.701	LOC_Os08g39350.1
DG _{HPU}	Os011937_01	S4	1.434	1.935	P	176.105	P	475.743	P	124.422	LOC_Os08g44370.1
DG _{HPU}	Os011939_01	S4	1.901	10.000	P	88.870	P	332.012	A	47.287	LOC_Os01g61320.2
DG _{HPU}	Os011940_01	S4	1.476	10.000	P	84.343	P	234.565	A	25.399	LOC_Os07g08950.2
DG _{HPU}	Os011973_01	S4	-1.620	0.000	P	1171.198	P	381.004	P	344.663	LOC_Os09g25760.1
DG _{HPU}	Os011979_01	S4	0.000	1.678	P	471.488	P	947.023	P	295.887	LOC_Os06g35160.1
DG _{HPU}	Os011982_01	S4	1.440	0.000	P	259.592	P	704.266	P	490.021	LOC_Os09g24990.2
DG _{HPU}	Os012012_01	S4	1.560	0.000	P	93.821	P	276.599	P	230.021	LOC_Os04g47240.3
DG _{HPU}	Os012028_01	S4	-1.148	0.000	P	8662.026	P	3909.461	P	8501.362	LOC_Os11g47760.1
DG _{HPU}	Os012039_01	S4	0.000	-1.150	P	2341.457	P	1580.394	P	3506.575	LOC_Os03g14860.1
DG _{HPU}	Os012095_01	S4	1.956	10.000	P	133.910	P	519.650	A	24.532	LOC_Os02g57060.1
DG _{HPU}	Os012134_01	S4	0.000	1.468	P	344.218	P	406.801	P	147.071	LOC_Os08g04280.2
DG _{HPU}	Os012153_01	S4	1.670	0.000	P	130.560	P	415.547	P	213.618	LOC_Os01g10890.1
DG _{HPU}	Os012284_01	S4	1.487	0.000	P	142.702	P	399.889	P	327.076	LOC_Os09g16950.1
DG _{HPU}	Os012314_01	S4	0.000	1.508	P	427.393	P	565.786	P	198.881	LOC_Os07g31380.1
DG _{HPU}	Os012333_01	S4	1.489	10.000	P	114.190	P	320.485	A	35.160	LOC_Os02g49992.1
DG _{HPU}	Os012349_01	S4	-1.400	0.000	P	3707.618	P	1405.222	P	2225.067	LOC_Os03g61220.1
DG _{HPU}	Os012366_01	S4	0.000	1.443	P	169.782	P	226.510	P	83.292	LOC_Os07g06710.1
DG _{HPU}	Os012383_01	S4	0.000	1.827	P	196.666	P	335.813	P	94.654	LOC_Os07g04240.1

DG _{HPU}	Os012435_01	S4	1.606	0.000	P	281.402	P	856.895	P	940.066	LOC_Os05g41930.3
DG _{HPU}	Os012453_01	S4	2.006	0.000	P	77.238	P	310.296	P	133.849	LOC_Os03g25720.1
DG _{HPU}	Os012505_01	S4	0.000	1.581	P	373.937	P	464.058	P	155.140	LOC_Os04g48390.1
DG _{HPU}	Os012533_01	S4	-1.391	0.000	P	1563.777	P	596.203	P	580.368	LOC_Os06g06290.3
DG _{HPU}	Os012556_01	S4	0.000	1.725	P	283.402	P	346.745	P	104.863	LOC_Os02g51500.2
DG _{HPU}	Os012583_01	S4	1.650	0.000	P	190.093	P	596.620	P	601.100	LOC_Os01g39960.1
DG _{HPU}	Os012695_01	S4	1.741	0.000	P	135.930	P	454.383	P	289.506	LOC_Os02g43519.1
DG _{HPU}	Os012742_01	S4	0.000	1.550	P	109.334	P	267.857	P	91.452	LOC_Os07g16130.1
DG _{HPU}	Os012762_01	S4	1.606	10.000	P	116.087	P	353.346	A	-11.731	LOC_Os09g39230.1
DG _{HPU}	Os012828_01	S4	0.000	1.417	P	178.354	P	306.934	P	114.947	LOC_Os02g41470.3
DG _{HPU}	Os012865_01	S4	0.000	1.573	P	463.035	P	516.768	P	173.671	LOC_Os11g04030.1
DG _{HPU}	Os012890_01	S4	-1.992	0.000	P	1585.490	P	398.593	P	486.381	LOC_Os01g63620.1
DG _{HPU}	Os012904_01	S4	0.000	1.402	P	177.480	P	362.216	P	137.075	LOC_Os12g02390.1
DG _{HPU}	Os012910_01	S4	0.000	-1.624	P	429.694	P	402.015	P	1239.126	LOC_Os12g38170.1
DG _{HPU}	Os012922_01	S4	0.000	1.439	P	177.465	P	439.307	P	162.078	LOC_Os02g47410.2
DG _{HPU}	Os012940_01	S4	1.447	0.000	P	112.819	P	307.495	P	153.704	LOC_Os03g42820.2
DG _{HPU}	Os012943_01	S4	1.627	10.000	P	168.161	P	519.411	A	62.058	LOC_Os04g51809.1
DG _{HPU}	Os012955_01	S4	-1.174	10.000	P	444.458	P	196.958	A	38.450	LOC_Os12g14440.1
DG _{HPU}	Os012985_01	S4	1.574	10.000	P	112.851	P	335.944	A	-5.786	LOC_Os07g43720.1
DG _{HPU}	Os013038_01	S4	0.000	1.523	P	601.461	P	660.578	P	229.826	LOC_Os02g53180.2
DG _{HPU}	Os013059_01	S4	0.000	-1.843	P	758.147	P	394.541	P	1415.569	LOC_Os03g06630.1
DG _{HPU}	Os013065_01	S4	1.907	10.000	P	74.641	P	279.901	A	9.658	LOC_Os03g02850.2
DG _{HPU}	Os013118_01	S4	1.441	10.000	P	113.621	P	308.384	A	23.738	LOC_Os03g22420.1
DG _{HPU}	Os013140_01	S4	1.957	10.000	P	70.823	P	274.974	A	59.465	LOC_Os07g28940.1
DG _{HPU}	Os013160_01	S4	1.865	0.000	P	92.576	P	337.155	P	148.598	LOC_Os09g32450.1
DG _{HPU}	Os013181_01	S4	0.000	1.526	P	117.982	P	269.029	P	93.405	LOC_Os04g52690.3
DG _{HPU}	Os013188_01	S4	1.508	0.000	P	177.308	P	504.288	P	310.841	LOC_Os10g25570.2
DG _{HPU}	Os013257_01	S4	1.799	0.000	P	61.713	P	214.682	P	95.899	LOC_Os04g36058.2
DG _{HPU}	Os013275_01	S4	1.578	10.000	P	105.206	P	314.034	A	37.420	LOC_Os08g01320.1
DG _{HPU}	Os013306_01	S4	2.266	10.000	P	84.712	P	407.539	A	50.177	-
DG _{HPU}	Os013328_01	S4	1.511	10.000	P	107.347	P	305.931	A	44.898	LOC_Os04g58390.1

DG _{HPU}	Os013375_01	S4	1.621	10.000	P	115.799	P	356.202	A	26.984	LOC_Os04g32110.1
DG _{HPU}	Os013387_01	S4	0.000	1.496	P	368.349	P	455.148	P	161.422	-
DG _{HPU}	Os013415_01	S4	1.894	0.000	P	114.837	P	426.802	P	172.218	LOC_Os01g12320.1
DG _{HPU}	Os013432_01	S4	0.000	-1.186	P	1028.047	P	513.787	P	1168.713	-
DG _{HPU}	Os013473_01	S4	0.000	1.459	P	185.088	P	252.812	P	91.984	LOC_Os02g48340.3
DG _{HPU}	Os013490_01	S4	0.000	1.403	P	104.880	P	264.319	P	99.977	LOC_Os10g05020.1
DG _{HPU}	Os013539_01	S4	1.722	10.000	P	65.430	P	215.813	A	46.469	LOC_Os05g46890.1
DG _{HPU}	Os013562_01	S4	0.000	1.789	P	222.729	P	316.945	P	91.722	LOC_Os12g06650.1
DG _{HPU}	Os013653_01	S4	1.956	0.000	P	155.898	P	605.051	P	481.622	LOC_Os09g34140.2
DG _{HPU}	Os013659_01	S4	-2.260	-1.158	P	3433.781	P	716.640	P	1599.216	LOC_Os03g60080.1
DG _{HPU}	Os013665_01	S4	1.744	0.000	P	83.830	P	280.861	P	118.724	LOC_Os06g43560.1
DG _{HPU}	Os013679_01	S4	10.000	1.710	A	151.796	P	478.736	P	146.316	LOC_Os07g39560.3
DG _{HPU}	Os013684_01	S4	1.447	0.000	P	142.971	P	389.691	P	394.546	-
DG _{HPU}	Os013728_01	S4	0.000	1.645	P	402.548	P	490.894	P	156.930	LOC_Os01g07250.1
DG _{HPU}	Os013730_01	S4	1.515	0.000	P	77.798	P	222.397	P	146.891	LOC_Os03g08370.1
DG _{HPU}	Os013799_01	S4	1.910	0.000	P	69.183	P	259.931	P	114.094	LOC_Os08g39694.2
DG _{HPU}	Os013819_01	S4	1.609	10.000	P	95.911	P	292.617	A	36.882	LOC_Os01g37050.1
DG _{HPU}	Os013853_01	S4	1.732	10.000	P	81.002	P	269.135	A	40.034	LOC_Os02g10510.1
DG _{HPU}	Os013889_01	S4	1.827	0.000	P	242.163	P	859.111	P	694.658	LOC_Os04g38750.1
DG _{HPU}	Os013911_01	S4	0.000	1.662	P	167.616	P	308.539	P	97.481	LOC_Os07g34830.1
DG _{HPU}	Os013918_01	S4	0.000	-1.178	P	517.418	P	288.416	P	652.558	LOC_Os09g29070.1
DG _{HPU}	Os013945_01	S4	-1.591	0.000	P	1820.218	P	604.145	P	601.427	LOC_Os03g38950.1
DG _{HPU}	Os013985_01	S4	1.562	10.000	P	96.597	P	285.295	A	-20.478	LOC_Os04g32330.1
DG _{HPU}	Os013991_01	S4	0.000	1.567	P	670.246	P	581.812	P	196.358	LOC_Os02g57290.4
DG _{HPU}	Os014115_01	S4	1.590	0.000	P	117.077	P	352.386	P	292.500	LOC_Os10g37860.1
DG _{HPU}	Os014132_01	S4	2.056	0.000	P	67.965	P	282.672	P	216.491	LOC_Os06g14550.1
DG _{HPU}	Os014147_01	S4	0.000	1.611	P	869.719	P	928.815	P	304.083	LOC_Os02g54990.2
DG _{HPU}	Os014249_01	S4	0.000	-1.497	P	1705.887	P	1061.043	P	2994.888	LOC_Os06g28194.1
DG _{HPU}	Os014252_01	S4	0.000	1.486	P	445.429	P	717.919	P	256.258	LOC_Os02g22260.1
DG _{HPU}	Os014412_01	S4	10.000	2.238	A	166.035	P	611.126	P	129.537	LOC_Os04g35700.1
DG _{HPU}	Os014548_01	S4	2.023	10.000	P	84.945	P	345.164	A	25.581	LOC_Os05g49060.1

DG _{HPU}	Os014656_01	S4	0.000	1.413	P	390.672	P	307.702	P	115.564	LOC_Os01g40820.1
DG _{HPU}	Os014712_01	S4	1.737	0.000	P	101.826	P	339.373	P	258.974	LOC_Os04g41460.1
DG _{HPU}	Os014777_01	S4	-1.150	0.000	P	350.384	P	157.925	P	271.231	LOC_Os03g02750.1
DG _{HPU}	Os014969_01	S4	-1.067	0.000	P	340.126	P	162.388	P	191.442	LOC_Os01g46570.1
DG _{HPU}	Os015092_01	S4	-1.121	0.000	P	347.027	P	159.520	P	197.216	LOC_Os09g22000.1
DG _{HPU}	Os015128_01	S4	-1.523	-1.553	P	400.136	P	139.208	P	408.442	LOC_Os02g04210.1
DG _{HPU}	Os015272_01	S4	-1.362	0.000	P	405.315	P	157.662	P	281.589	LOC_Os07g02780.1
DG _{HPU}	Os015282_01	S4	-1.175	0.000	P	445.441	P	197.336	P	200.243	LOC_Os05g14180.1
DG _{HPU}	Os015375_01	S4	0.000	-1.659	P	387.389	P	217.765	P	687.656	LOC_Os08g37390.1
DG _{HPU}	Os015556_01	S4	-1.130	-1.280	P	334.223	P	152.705	P	370.816	LOC_Os03g41060.1
DG _{HPU}	Os015684_01	S4	-1.100	0.000	P	830.777	P	387.687	P	244.118	-
DG _{HPU}	Os015843_01	S4	-1.517	0.000	P	418.267	P	146.138	P	214.304	LOC_Os03g08310.1
DG _{HPU}	Os015934_01	S4	-1.432	0.000	P	2428.918	P	900.408	P	1508.315	LOC_Os04g54630.1
DG _{HPU}	Os015981_01	S4	0.000	1.638	P	329.090	P	382.708	P	122.980	LOC_Os04g36050.1
DG _{HPU}	Os016112_01	S4	-1.100	0.000	P	435.703	P	203.224	P	295.330	LOC_Os04g38720.1
DG _{HPU}	Os016162_01	S4	0.000	1.527	P	351.876	P	362.419	P	125.740	LOC_Os11g38800.2
DG _{HPU}	Os016183_01	S4	-1.037	0.000	P	386.902	P	188.556	P	259.947	-
DG _{HPU}	Os016221_01	S4	-1.199	0.000	P	444.684	P	193.759	P	250.765	LOC_Os05g02060.1
DG _{HPU}	Os016477_01	S4	-1.087	0.000	P	430.653	P	202.723	P	260.788	LOC_Os04g10160.1
DG _{HPU}	Os016486_01	S4	0.000	1.452	P	286.979	P	335.665	P	122.663	LOC_Os05g07090.1
DG _{HPU}	Os016859_01	S4	-1.728	0.000	P	1032.905	P	311.803	P	438.177	LOC_Os05g37520.1
DG _{HPU}	Os016868_01	S4	-1.643	0.000	P	458.943	P	146.969	P	196.566	LOC_Os01g51980.1
DG _{HPU}	Os016869_01	S4	-1.291	0.000	P	6824.568	P	2789.788	P	3208.289	LOC_Os01g08700.6
DG _{HPU}	Os016919_01	S4	0.000	1.731	P	871.153	P	1434.147	P	431.981	LOC_Os02g01590.1
DG _{HPU}	Os016931_01	S4	0.000	1.463	P	331.039	P	341.925	P	123.987	LOC_Os11g11100.1
DG _{HPU}	Os017149_01	S4	0.000	-1.256	P	1275.499	P	1646.397	P	3931.311	LOC_Os03g01030.1
DG _{HPU}	Os017243_01	S4	-1.331	0.000	P	355.602	P	141.380	P	193.424	LOC_Os03g49380.1
DG _{HPU}	Os017440_01	S4	-1.050	0.000	P	438.055	P	211.628	P	230.772	LOC_Os10g01134.1
DG _{HPU}	Os017728_01	S4	-1.173	0.000	P	366.341	P	162.478	P	189.676	LOC_Os03g63730.1
DG _{HPU}	Os017734_01	S4	-1.066	0.000	P	337.881	P	161.350	P	202.982	LOC_Os03g02720.1
DG _{HPU}	Os017851_01	S4	-1.398	-1.280	P	4084.627	P	1550.383	P	3763.643	LOC_Os06g22960.1

DG _{HPU}	Os017861_01	S4	-1.140	0.000	P	469.838	P	213.225	P	187.218	LOC_Os01g67030.1
DG _{HPU}	Os017943_01	S4	-1.974	0.000	P	5174.799	P	1316.784	P	1641.251	LOC_Os07g12340.1
DG _{HPU}	Os018043_01	S4	-1.384	0.000	P	607.031	P	232.536	P	305.749	LOC_Os02g30840.1
DG _{HPU}	Os018061_01	S4	-1.157	0.000	P	442.731	P	198.579	P	189.746	LOC_Os03g15120.1
DG _{HPU}	Os018086_01	S4	-1.347	0.000	P	1244.132	P	489.154	P	388.490	-
DG _{HPU}	Os018214_01	S4	0.000	1.607	P	516.618	P	467.041	P	153.299	LOC_Os08g12750.2
DG _{HPU}	Os018265_01	S4	-1.129	0.000	P	1089.470	P	498.240	P	403.221	LOC_Os11g05260.1
DG _{HPU}	Os018329_01	S4	-1.718	0.000	P	4979.525	P	1513.425	P	3247.300	LOC_Os03g19720.1
DG _{HPU}	Os018334_01	S4	-1.098	-1.883	P	3780.974	P	1766.311	P	6516.096	LOC_Os03g50870.1
DG _{HPU}	Os018361_01	S4	-1.377	0.000	P	584.048	P	224.840	P	171.287	LOC_Os05g39930.1
DG _{HPU}	Os018411_01	S4	0.000	1.493	P	138.789	P	198.268	P	70.462	LOC_Os11g43510.1
DG _{HPU}	Os018535_01	S4	0.000	-1.673	P	1565.398	P	1294.047	P	4127.347	LOC_Os12g38180.1
DG _{HPU}	Os018550_01	S4	-1.108	0.000	P	962.182	P	446.417	P	306.862	LOC_Os06g08740.1
DG _{HPU}	Os018818_01	S4	-1.092	0.000	P	897.818	P	421.055	P	390.993	-
DG _{HPU}	Os018995_01	S4	-1.216	0.000	P	413.716	P	178.155	P	119.684	LOC_Os03g15710.1
DG _{HPU}	Os019078_01	S4	0.000	-1.269	P	297.168	P	156.434	P	377.099	-
DG _{HPU}	Os019092_01	S4	0.000	1.417	P	137.461	P	221.055	P	82.782	LOC_Os01g74530.2
DG _{HPU}	Os019192_01	S4	0.000	1.454	P	171.600	P	274.577	P	100.231	LOC_Os05g07650.1
DG _{HPU}	Os019223_01	S4	0.000	-1.235	P	826.232	P	580.677	P	1366.588	LOC_Os11g38650.1
DG _{HPU}	Os019298_01	S4	0.000	1.504	P	686.474	P	656.151	P	231.374	LOC_Os04g35570.1
DG _{HPU}	Os019413_01	S4	0.000	-1.461	P	693.819	P	808.471	P	2225.290	LOC_Os07g49110.1
DG _{HPU}	Os019688_01	S4	0.000	-1.174	P	1010.166	P	1122.853	P	2534.019	LOC_Os04g02820.2
DG _{HPU}	Os019923_01	S4	-1.312	0.000	P	386.814	P	155.743	P	292.445	LOC_Os01g51890.1
DG _{HPU}	Os020041_01	S4	0.000	1.421	P	210.486	P	299.230	P	111.774	LOC_Os01g64010.2
DG _{HPU}	Os020206_01	S4	0.000	1.483	P	242.880	P	298.670	P	106.828	LOC_Os03g63500.1
DG _{HPU}	Os020291_01	S4	0.000	-1.405	P	815.152	P	746.315	P	1975.693	LOC_Os09g24640.1
DG _{HPU}	Os020301_01	S4	0.000	1.445	P	306.641	P	326.159	P	119.774	LOC_Os06g40370.1
DG _{HPU}	Os020308_01	S4	1.985	0.000	P	143.853	P	569.388	P	331.633	LOC_Os02g48840.1
DG _{HPU}	Os020363_01	S4	0.000	-1.177	P	854.799	P	436.029	P	985.577	LOC_Os02g21260.1
DG _{HPU}	Os020383_01	S4	1.522	0.000	P	131.478	P	377.686	P	204.794	LOC_Os02g50320.1
DG _{HPU}	Os020392_01	S4	0.000	1.585	P	2922.037	P	6328.376	P	2108.836	LOC_Os03g15050.2

DG _{HPU}	Os020398_01	S4	1.577	0.000	P	375.939	P	1121.695	P	1233.734	LOC_Os03g54000.1
DG _{HPU}	Os020411_01	S4	-1.379	-1.884	P	3326.786	P	1279.020	P	4719.485	LOC_Os08g39140.1
DG _{HPU}	Os020479_01	S4	-1.090	0.000	P	510.458	P	239.727	P	178.450	LOC_Os03g03280.1
DG _{HPU}	Os020525_01	S4	-1.049	0.000	P	346.586	P	167.537	P	203.411	-
DG _{HPU}	Os020529_01	S4	-1.273	0.000	P	877.483	P	363.203	P	641.605	LOC_Os01g57420.1
DG _{HPU}	Os020541_01	S4	0.000	-1.279	P	331.133	P	200.233	P	486.031	LOC_Os01g37842.1
DG _{HPU}	Os020547_01	S4	0.000	-1.308	P	308.704	P	256.775	P	635.973	LOC_Os03g10850.2
DG _{HPU}	Os020623_01	S4	-1.866	-1.799	P	4435.230	P	1216.686	P	4233.845	LOC_Os07g49400.2
DG _{HPU}	Os020828_01	S4	-1.063	0.000	P	375.785	P	179.882	P	255.453	LOC_Os07g48280.2
DG _{HPU}	Os020972_01	S4	0.000	1.513	P	294.069	P	342.281	P	119.900	LOC_Os03g60150.2
DG _{HPU}	Os021076_01	S4	0.000	1.680	P	212.326	P	250.779	P	78.248	LOC_Os01g03110.1
DG _{HPU}	Os021148_01	S4	0.000	1.422	P	205.678	P	225.703	P	84.259	LOC_Os03g55270.1
DG _{HPU}	Os021391_01	S4	0.000	-1.336	P	1953.787	P	1706.069	P	4307.824	LOC_Os03g12670.2
DG _{HPU}	Os021429_01	S4	1.680	0.000	P	119.355	P	382.515	P	255.040	LOC_Os12g20390.4
DG _{HPU}	Os021575_01	S4	0.000	1.501	P	516.195	P	478.288	P	168.944	LOC_Os02g28820.1
DG _{HPU}	Os021682_01	S4	-1.070	0.000	P	332.830	P	158.536	P	179.465	LOC_Os02g10380.1
DG _{HPU}	Os021893_01	S4	-1.684	0.000	P	862.866	P	268.502	P	581.146	LOC_Os09g35030.1
DG _{HPU}	Os021916_01	S4	1.452	0.000	P	475.001	P	1299.834	P	510.025	LOC_Os03g56950.4
DG _{HPU}	Os022009_01	S4	-1.045	0.000	P	411.163	P	199.274	P	137.103	LOC_Os09g35630.1
DG _{HPU}	Os022142_01	S4	-1.831	0.000	P	1887.977	P	530.528	P	717.915	LOC_Os09g31200.1
DG _{HPU}	Os022247_01	S4	-1.049	0.000	P	800.753	P	387.022	P	456.444	LOC_Os03g26910.1
DG _{HPU}	Os022291_01	S4	-1.708	-1.170	P	2410.155	P	737.822	P	1660.655	LOC_Os03g16880.1
DG _{HPU}	Os022390_01	S4	1.580	0.000	P	137.088	P	409.938	P	352.182	-
DG _{HPU}	Os022597_01	S4	1.757	0.000	P	551.597	P	1864.589	P	936.143	LOC_Os11g17930.1
DG _{HPU}	Os023424_01	S4	1.585	10.000	P	100.082	P	300.263	A	45.440	-
DG _{HPU}	Os023709_01	S4	-1.062	0.000	P	469.030	P	224.719	P	232.337	-
DG _{HPU}	Os023935_01	S4	0.000	1.538	P	1299.618	P	1101.919	P	379.552	-
DG _{HPU}	Os023944_01	S4	1.705	0.000	P	103.274	P	336.635	P	165.323	LOC_Os09g28650.1
DG _{HPU}	Os023968_01	S4	1.631	1.727	P	122.568	P	379.678	P	114.725	LOC_Os06g34730.1
DG _{HPU}	Os023998_01	S4	0.000	1.435	P	948.499	P	979.145	P	362.185	LOC_Os08g42570.1
DG _{HPU}	Os024099_01	S4	-1.286	0.000	P	479.203	P	196.536	P	307.271	LOC_Os01g51690.1

DG _{HPU}	Os024213_01	S4	0.000	1.589	P	803.433	P	806.136	P	267.891	LOC_Os12g36930.1
DG _{HPU}	Os024340_01	S4	0.000	-1.300	P	541.938	P	560.600	P	1380.489	LOC_Os02g48380.1
DG _{HPU}	Os024561_01	S4	0.000	-2.181	P	952.276	P	497.943	P	2257.630	LOC_Os04g01740.1
DG _{HPU}	Os024737_01	S4	0.000	1.642	P	220.659	P	374.177	P	119.928	LOC_Os01g01660.1
DG _{HPU}	Os024767_01	S4	1.622	0.000	P	329.992	P	1015.879	P	655.361	LOC_Os03g59360.1
DG _{HPU}	Os024882_01	S4	-1.104	0.000	P	786.453	P	365.935	P	410.671	LOC_Os09g31120.1
DG _{HPU}	Os025022_01	S4	1.554	0.000	P	78.598	P	230.865	P	175.788	LOC_Os04g41700.4
DG _{HPU}	Os025567_01	S4	0.000	1.424	P	361.001	P	591.951	P	220.665	LOC_Os11g28270.3
DG _{HPU}	Os025691_01	S4	0.000	1.430	P	215.576	P	367.939	P	136.540	LOC_Os11g38790.2
DG _{HPU}	Os025757_01	S4	1.593	0.000	P	101.769	P	307.077	P	299.671	LOC_Os05g33390.1
DG _{HPU}	Os025872_01	S4	0.000	1.548	P	873.453	P	1055.401	P	360.828	LOC_Os11g01450.1
DG _{HPU}	Os026289_01	S4	0.000	-1.172	P	175.166	P	168.843	P	380.322	-
DG _{HPU}	Os026463_01	S4	0.000	1.725	P	230.567	P	282.160	P	85.346	LOC_Os03g06000.1
DG _{HPU}	Os026917_01	S4	-2.279	0.000	P	8111.820	P	1671.559	P	2616.135	LOC_Os04g52250.1
DG _{HPU}	Os027884_01	S4	0.000	1.416	P	516.374	P	524.637	P	196.557	LOC_Os04g49600.1
DG _{HPU}	Os028023_01	S4	0.000	-1.150	P	390.255	P	338.238	P	750.553	LOC_Os01g04630.1
DG _{HPU}	Os028605_01	S4	-2.693	0.000	P	1847.279	P	285.586	P	531.154	LOC_Os02g06380.1
DG _{HPU}	Os028650_01	S4	0.000	1.574	P	175.833	P	358.965	P	120.572	LOC_Os01g10970.1
DG _{HPU}	Os029341_01	S4	0.000	-1.723	P	170.720	P	154.771	P	511.076	LOC_Os01g68780.1
DG _{HPU}	Os029818_01	S4	0.000	-1.312	P	280.163	P	175.631	P	436.010	LOC_Os01g45940.1
DG _{HPU}	Os029823_01	S4	0.000	-1.260	P	974.871	P	925.464	P	2215.951	-
DG _{HPU}	Os029861_01	S4	0.000	-1.219	P	154.481	P	189.592	P	441.345	LOC_Os04g11190.1
DG _{HPU}	Os029917_01	S4	0.000	-1.223	P	237.743	P	243.813	P	569.239	LOC_Os08g37590.1
DG _{HPU}	Os029919_01	S4	0.000	-1.377	P	187.069	P	218.429	P	567.399	LOC_Os11g41630.1
DG _{HPU}	Os029941_01	S4	0.000	-1.560	P	296.143	P	173.409	P	511.251	LOC_Os09g11030.1
DG _{HPU}	Os029948_01	S4	0.000	-1.233	P	238.867	P	327.908	P	770.697	LOC_Os10g08610.1
DG _{HPU}	Os029961_01	S4	0.000	-1.815	P	226.949	P	171.516	P	603.354	LOC_Os01g62280.1
DG _{HPU}	Os030080_01	S4	-1.189	0.000	P	752.900	P	330.269	P	554.948	LOC_Os03g45450.1
DG _{HPU}	Os030571_01	S4	0.000	-1.799	P	245.808	P	199.757	P	695.318	LOC_Os08g43880.1
DG _{HPU}	Os030593_01	S4	0.000	-1.189	P	186.616	P	207.294	P	472.521	LOC_Os03g50760.1
DG _{HPU}	Os030714_01	S4	0.000	-1.544	P	158.475	P	156.536	P	456.538	LOC_Os01g43510.1

DG _{HPU}	Os030892_01	S4	0.000	-1.152	P	226.179	P	200.046	P	444.410	LOC_Os02g41930.1
DG _{HPU}	Os030944_01	S4	0.000	1.586	P	527.936	P	580.215	P	193.230	LOC_Os02g19790.1
DG _{HPU}	Os031060_01	S4	0.000	1.445	P	150.824	P	259.595	P	95.332	-
DG _{HPU}	Os031100_01	S4	0.000	-1.490	P	167.047	P	159.558	P	448.201	LOC_Os11g31140.1
DG _{HPU}	Os031550_01	S4	0.000	-1.373	P	359.340	P	360.715	P	934.493	LOC_Os04g10924.1
DG _{HPU}	Os031754_01	S4	0.000	1.452	P	235.379	P	263.663	P	96.400	LOC_Os08g31070.1
DG _{HPU}	Os031779_01	S4	-1.098	0.000	P	384.134	P	179.450	P	128.784	-
DG _{HPU}	Os032845_01	S4	0.000	-1.218	P	539.441	P	407.087	P	947.279	LOC_Os02g56260.1
DG _{HPU}	Os032846_01	S4	0.000	-1.943	P	270.014	P	234.601	P	902.263	LOC_Os08g33600.1
DG _{HPU}	Os032854_01	S4	0.000	-1.276	P	290.027	P	227.247	P	550.432	LOC_Os09g25080.1
DG _{HPU}	Os032876_01	S4	0.000	-1.165	P	198.445	P	197.213	P	442.203	LOC_Os12g32160.1
DG _{HPU}	Os032927_01	S4	0.000	1.462	P	286.447	P	326.324	P	118.443	LOC_Os01g03380.1
DG _{HPU}	Os032935_01	S4	0.000	-1.298	P	226.584	P	170.789	P	419.936	LOC_Os06g45920.1
DG _{HPU}	Os033126_01	S4	0.000	-1.285	P	318.440	P	255.807	P	623.336	-
DG _{HPU}	Os033134_01	S4	0.000	-1.244	P	240.422	P	169.644	P	401.912	LOC_Os07g22360.1
DG _{HPU}	Os033145_01	S4	-1.332	0.000	P	721.813	P	286.766	P	599.974	LOC_Os01g49880.1
DG _{HPU}	Os033147_01	S4	0.000	-1.446	P	199.518	P	172.952	P	471.285	LOC_Os04g10370.1
DG _{HPU}	Os033148_01	S4	0.000	-1.640	P	462.270	P	332.732	P	1036.760	LOC_Os08g32550.1
DG _{HPU}	Os033149_01	S4	0.000	-1.849	P	232.757	P	199.098	P	717.015	LOC_Os08g32560.1
DG _{HPU}	Os033599_01	S4	0.000	-1.240	P	349.570	P	459.609	P	1085.525	LOC_Os12g04710.1
DG _{HPU}	Os033675_01	S4	0.000	-1.183	P	205.510	P	195.781	P	444.440	LOC_Os08g39000.1
DG _{HPU}	Os033950_01	S4	0.000	1.496	P	455.606	P	428.803	P	152.002	-
DG _{HPU}	Os034051_01	S4	0.000	-1.376	P	171.639	P	183.824	P	476.980	LOC_Os05g25670.1
DG _{HPU}	Os035714_01	S4	0.000	1.446	P	144.343	P	288.155	P	105.770	LOC_Os04g02970.1
DG _{HPU}	Os035879_01	S4	0.000	-1.253	P	183.829	P	188.976	P	450.502	-
DG _{HPU}	Os036341_01	S4	0.000	1.555	P	389.146	P	345.307	P	117.537	LOC_Os07g05510.1
DG _{HPU}	Os036618_01	S4	1.544	0.000	P	6494.155	P	18937.344	P	15423.703	LOC_Os04g33830.1
DG _{HPU}	Os037264_01	S4	-1.082	0.000	P	882.589	P	416.789	P	513.619	LOC_Os01g11620.1
DG _{HPU}	Os037569_01	S4	0.000	1.481	P	327.076	P	359.670	P	128.839	LOC_Os01g18710.1
DG _{HPU}	Os037594_01	S4	-1.481	-1.448	P	2160.760	P	774.182	P	2112.860	-
DG _{HPU}	Os037667_01	S4	-1.425	0.000	P	621.076	P	231.320	P	312.398	LOC_Os10g26380.1

DG _{HPU}	Os037793_01	S4	0.000	1.435	P	319.695	P	307.507	P	113.742	LOC_Os03g17130.1
DG _{HPU}	Os038136_01	S4	1.505	0.000	P	184.758	P	524.222	P	572.311	LOC_Os08g14990.1
DG _{HPU}	Os038269_01	S4	-1.868	10.000	P	721.451	P	197.680	A	27.593	LOC_Os05g16980.1
DG _{HPU}	Os038303_01	S4	1.458	0.000	P	122.015	P	335.198	P	253.733	LOC_Os03g62270.1
DG _{HPU}	Os039479_01	S4	0.000	2.014	P	210.393	P	288.137	P	71.346	LOC_Os05g02140.1
DG _{HPU}	Os039978_01	S4	0.000	1.660	P	502.972	P	528.769	P	167.323	-
DG _{HPU}	Os040237_01	S4	0.000	1.431	P	290.996	P	280.062	P	103.902	LOC_Os02g22770.1
DG _{HPU}	Os040328_01	S4	1.664	0.000	P	125.124	P	396.470	P	368.672	LOC_Os05g31400.1
DG _{HPU}	Os040491_01	S4	-1.094	0.000	P	2751.170	P	1288.945	P	1013.686	LOC_Os01g52910.1
DG _{HPU}	Os040604_01	S4	0.000	1.447	P	151.499	P	218.116	P	80.013	LOC_Os04g27820.1
DG _{HPU}	Os040811_01	S4	1.475	0.000	P	146.361	P	407.000	P	434.683	LOC_Os12g03500.1
DG _{HPU}	Os041146_01	S4	-1.284	10.000	P	1455.716	P	597.844	A	77.240	-
DG _{HPU}	Os041507_01	S4	1.430	0.000	P	661.399	P	1781.578	P	1244.270	-
DG _{HPU}	Os041571_01	S4	0.000	1.502	P	258.374	P	594.782	P	210.062	LOC_Os07g02870.1
DG _{HPU}	Os041663_01	S4	1.444	0.000	P	204.716	P	557.160	P	379.618	LOC_Os01g70080.1
DG _{HPU}	Os042004_01	S4	0.000	1.532	P	424.140	P	444.127	P	153.571	LOC_Os06g14640.1
DG _{HPU}	Os042186_01	S4	0.000	1.642	P	251.970	P	423.398	P	135.637	LOC_Os04g43030.1
DG _{HPU}	Os042203_01	S4	1.687	1.519	P	112.355	P	361.646	P	126.191	-
DG _{HPU}	Os042254_01	S4	-1.189	0.000	P	1697.654	P	744.545	P	1417.752	LOC_Os02g26380.1
DG _{HPU}	Os042854_01	S4	0.000	-1.317	P	7454.280	P	5041.625	P	12562.052	LOC_Os04g26880.1
DG _{HPU}	Os043003_01	S4	1.471	0.000	P	123.472	P	342.354	P	307.457	LOC_Os05g31190.1
DG _{HPU}	Os043072_01	S4	0.000	1.499	P	183.670	P	221.188	P	78.279	-
DG _{HPU}	Os043100_01	S4	1.441	0.000	P	248.410	P	674.604	P	419.015	LOC_Os08g37070.1
DG _{HPU}	Os043332_01	S4	-1.112	0.000	P	1377.243	P	637.174	P	571.848	LOC_Os01g07800.1
DG _{HPU}	Os043356_01	S4	1.641	10.000	P	100.832	P	314.556	A	37.952	LOC_Os04g50930.1
DG _{HPU}	Os043463_01	S4	0.000	1.413	P	138.733	P	257.282	P	96.627	LOC_Os05g09280.1
DG _{HPU}	Os043507_01	S4	0.000	-1.383	P	459.293	P	504.832	P	1316.366	LOC_Os10g21040.1
DG _{HPU}	Os043570_01	S4	1.762	10.000	P	96.773	P	328.307	A	0.387	LOC_Os05g43100.1
DG _{HPU}	Os044283_01	S4	1.772	0.000	P	271.537	P	927.299	P	688.208	-
DG _{HPU}	Os044500_01	S4	0.000	1.825	P	338.116	P	414.398	P	116.978	LOC_Os05g02110.1
DG _{HPU}	Os044961_01	S4	0.000	1.980	P	294.821	P	429.862	P	108.991	LOC_Os03g24880.1

DG _{HPU}	Os045312_01	S4	-1.107	0.000	P	502.527	P	233.327	P	288.264	-
DG _{HPU}	Os045474_01	S4	0.000	-1.416	P	546.221	P	311.324	P	830.984	LOC_Os06g11610.1
DG _{HPU}	Os045513_01	S4	-1.412	0.000	P	464.170	P	174.440	P	227.933	LOC_Os04g36790.1
DG _{HPU}	Os045704_01	S4	-1.274	0.000	P	481.538	P	199.142	P	344.235	LOC_Os08g04360.1
DG _{HPU}	Os045733_01	S4	-1.086	0.000	P	347.134	P	163.535	P	192.757	LOC_Os06g39810.1
DG _{HPU}	Os045835_01	S4	0.000	-1.481	P	309.269	P	197.707	P	551.724	LOC_Os12g32050.1
DG _{HPU}	Os046324_01	S4	0.000	1.433	P	204.365	P	295.977	P	109.632	LOC_Os12g02420.2
DG _{HPU}	Os046725_01	S4	-1.046	0.000	P	311.880	P	151.046	P	165.480	LOC_Os10g20420.1
DG _{HPU}	Os046869_01	S4	-1.121	0.000	P	355.513	P	163.423	P	231.526	LOC_Os11g30250.1
DG _{HPU}	Os046947_01	S4	-1.293	0.000	P	359.603	P	146.736	P	262.947	-
DG _{HPU}	Os047001_01	S4	-1.078	0.000	P	475.875	P	225.338	P	210.925	LOC_Os03g13400.1
DG _{HPU}	Os047219_01	S4	0.000	-1.226	P	345.737	P	352.366	P	824.196	LOC_Os02g39170.1
DG _{HPU}	Os047260_01	S4	-1.073	0.000	P	7293.100	P	3467.319	P	3490.072	LOC_Os06g34840.1
DG _{HPU}	Os047560_01	S4	0.000	1.538	P	1182.619	P	1336.583	P	460.155	LOC_Os07g12890.1
DG _{HPU}	Os048336_01	S4	0.000	-1.232	P	193.581	P	269.195	P	632.513	LOC_Os01g61490.1
DG _{HPU}	Os048421_01	S4	-1.038	0.000	P	356.580	P	173.631	P	133.829	LOC_Os04g47480.1
DG _{HPU}	Os048704_01	S4	-1.428	0.000	P	539.005	P	200.337	P	206.000	-
DG _{HPU}	Os051905_01	S4	-1.417	0.000	P	3726.059	P	1395.766	P	2454.747	LOC_Os01g74450.1
DG _{HPU}	Os051940_01	S4	0.000	1.495	P	1567.469	P	1810.720	P	642.411	LOC_Os10g39410.1
DG _{HPU}	Os051959_01	S4	-1.148	0.000	P	15055.415	P	6792.165	P	4905.820	LOC_Os02g02400.1
DG _{HPU}	Os051981_01	S4	0.000	1.608	P	3238.451	P	3139.995	P	1029.835	LOC_Os11g47809.1
DG _{HPU}	Os051997_01	S4	1.838	0.000	P	114.323	P	408.733	P	171.092	LOC_Os04g54280.1
DG _{HPU}	Os052000_01	S4	-1.334	0.000	P	5244.337	P	2079.767	P	3184.090	LOC_Os01g66120.1
DG _{HPU}	Os052050_01	S4	-1.116	0.000	P	12053.435	P	5560.807	P	5502.655	LOC_Os01g64960.1
DG _{HPU}	Os052123_01	S4	0.000	1.942	P	469.776	P	981.299	P	255.349	LOC_Os06g04920.1
DG _{HPU}	Os052145_01	S4	0.000	-1.500	P	260.263	P	155.936	P	440.960	LOC_Os01g53730.1
DG _{HPU}	Os052160_01	S4	-1.252	0.000	P	493.567	P	207.189	P	357.554	LOC_Os01g58420.1
DG _{HPU}	Os052269_01	S4	0.000	1.746	P	213.475	P	334.802	P	99.844	LOC_Os06g35530.1
DG _{HPU}	Os052281_01	S4	0.000	-1.223	P	4058.469	P	4188.169	P	9779.753	LOC_Os07g46460.1
DG _{HPU}	Os052310_01	S4	0.000	1.697	P	270.589	P	376.796	P	116.237	LOC_Os08g43640.1
DG _{HPU}	Os052323_01	S4	1.576	0.000	P	201.698	P	601.448	P	535.003	LOC_Os03g61260.2

DG _{HPU}	Os052340_01	S4	0.000	1.440	P	307.964	P	389.012	P	143.377	LOC_Os07g04500.1
DG _{HPU}	Os052473_01	S4	0.000	1.443	P	503.660	P	507.904	P	186.756	LOC_Os08g09240.2
DG _{HPU}	Os052700_01	S4	-1.659	0.000	P	827.824	P	262.101	P	300.288	LOC_Os06g13190.1
DG _{HPU}	Os052724_01	S4	-1.139	0.000	P	585.420	P	265.853	P	180.296	LOC_Os03g14910.1
DG _{HPU}	Os052943_01	S4	-1.053	-1.646	P	361.034	P	174.056	P	544.774	LOC_Os01g45570.1
DG _{HPU}	Os053035_01	S4	0.000	1.407	P	365.262	P	414.457	P	156.288	-
DG _{HPU}	Os053047_01	S4	0.000	1.464	P	260.415	P	319.019	P	115.614	LOC_Os07g47350.1
DG _{HPU}	Os053553_01	S4	-1.363	0.000	P	511.639	P	198.972	P	328.801	LOC_Os01g54880.1
DG _{HPU}	Os053631_01	S4	1.429	0.000	P	96.715	P	260.413	P	188.185	LOC_Os01g14890.1
DG _{HPU}	Os053642_01	S4	0.000	1.570	P	269.844	P	466.301	P	157.081	LOC_Os01g67490.2
DG _{HPU}	Os053857_01	S4	-1.276	0.000	P	827.735	P	341.898	P	432.478	LOC_Os01g40070.1
DG _{HPU}	Os053922_01	S4	-1.406	0.000	P	1496.732	P	564.937	P	624.394	LOC_Os08g36500.1
DG _{HPU}	Os053954_01	S4	-1.037	0.000	P	536.186	P	261.387	P	182.535	-
DG _{HPU}	Os054011_01	S4	0.000	-1.258	P	368.633	P	322.660	P	771.444	LOC_Os01g03420.1
DG _{HPU}	Os054316_01	S4	1.662	0.000	P	98.029	P	310.152	P	201.876	LOC_Os12g32360.1
DG _{HPU}	Os054377_01	S4	1.559	10.000	P	105.271	P	310.100	A	83.426	LOC_Os05g31140.1
DG _{HPU}	Os054482_01	S4	-1.391	0.000	P	3257.434	P	1242.006	P	1801.668	LOC_Os05g49890.1
DG _{HPU}	Os054496_01	S4	-1.420	0.000	P	1373.624	P	513.345	P	889.670	LOC_Os08g41390.2
DG _{HPU}	Os054539_01	S4	2.068	0.000	P	5393.622	P	22611.517	P	12846.402	LOC_Os09g30340.1
DG _{HPU}	Os054553_01	S4	-1.134	0.000	P	1166.944	P	531.782	P	599.779	LOC_Os08g44340.1
DG _{HPU}	Os054638_01	S4	-1.280	-1.273	P	445.270	P	183.371	P	443.147	-
DG _{HPU}	Os054673_01	S4	-1.913	-1.187	P	3324.826	P	882.667	P	2009.564	LOC_Os03g55540.1
DG _{HPU}	Os054682_01	S4	-1.389	0.000	P	808.446	P	308.608	P	341.367	LOC_Os03g17700.1
DG _{HPU}	Os054699_01	S4	0.000	1.443	P	7260.443	P	6897.873	P	2537.490	-
DG _{HPU}	Os054764_01	S4	0.000	1.446	P	700.147	P	750.031	P	275.218	LOC_Os04g01540.1
DG _{HPU}	Os054785_01	S4	-3.121	-2.439	P	1662.833	P	191.130	P	1036.574	LOC_Os01g09220.1
DG _{HPU}	Os054951_01	S4	-1.038	0.000	P	1003.375	P	488.485	P	586.550	LOC_Os01g50700.1
DG _{HPU}	Os054974_01	S4	-1.552	0.000	P	489.237	P	166.798	P	248.643	-
DG _{HPU}	Os055029_01	S4	-1.065	0.000	P	578.146	P	276.385	P	172.518	LOC_Os01g14440.1
DG _{HPU}	Os055108_01	S4	1.732	0.000	P	96.413	P	320.206	P	292.759	LOC_Os06g23430.2
DG _{HPU}	Os055142_01	S4	-1.066	0.000	P	667.238	P	318.810	P	510.692	LOC_Os04g58890.1

DG _{HPU}	Os055148_01	S4	1.555	0.000	P	753.553	P	2213.462	P	1356.321	LOC_Os03g55030.1
DG _{HPU}	Os055171_01	S4	-2.062	0.000	P	2318.477	P	555.413	P	937.648	LOC_Os06g04230.1
DG _{HPU}	Os055222_01	S4	1.430	0.000	P	259.652	P	699.799	P	430.686	LOC_Os01g59060.1
DG _{HPU}	Os055237_01	S4	0.000	1.556	P	200.722	P	315.997	P	107.449	LOC_Os07g45570.1
DG _{HPU}	Os055517_01	S4	-1.556	0.000	P	958.081	P	325.753	P	644.418	LOC_Os02g10860.1
DG _{HPU}	Os055679_01	S4	1.910	0.000	P	124.426	P	467.558	P	199.903	LOC_Os01g12270.1
DG _{HPU}	Os055739_02	S4	-1.529	0.000	P	1598.744	P	553.990	P	640.828	-
DG _{HPU}	Os056149_01	S4	0.000	-1.161	P	1482.428	P	1839.015	P	4112.828	LOC_Os01g22249.1
DG _{HPU}	Os056222_01	S4	-1.706	0.000	P	1561.296	P	478.703	P	539.060	LOC_Os06g01580.1
DG _{HPU}	Os056527_01	S4	1.559	0.000	P	137.983	P	406.439	P	173.598	-
DG _{HPU}	Os056638_01	S4	0.000	-1.209	P	427.361	P	253.988	P	587.288	-
DG _{HPU}	Os056903_02	S4	0.000	-1.518	P	296.311	P	199.233	P	570.662	LOC_Os01g59510.1
DG _{HPU}	Os057614_02	S4	1.572	0.000	P	317.493	P	943.723	P	605.481	LOC_Os06g22060.1
DG _{HPU}	GeneID	period	log2(Ratio(L/9))		log2(Ratio(L/P))		Fi.pncle_9311.flag	Fi.pncle_9311		Fi.pncle_LYP9.flag	Fi.pncle_LYP9
	Fi.pncle_PA64s.flag		Fi.pncle_PA64s		TIGR5.id						
DG _{HPU}	Os000187_01	S7	0.824	0.000	P	2841.371	P	5028.433	P	2692.982	LOC_Os03g63360.1
DG _{HPU}	Os000237_01	S7	0.955	1.641	P	1530.755	P	2967.486	P	951.167	LOC_Os01g71190.1
DG _{HPU}	Os000254_01	S7	-1.204	-1.577	P	1446.448	P	627.798	P	1873.277	-
DG _{HPU}	Os000277_01	S7	-0.774	0.000	P	309.044	P	180.698	A	92.809	LOC_Os09g33450.1
DG _{HPU}	Os000342_01	S7	-0.967	0.000	P	1286.412	P	657.881	P	422.973	LOC_Os10g34180.2
DG _{HPU}	Os000367_01	S7	-0.999	0.000	P	606.857	P	303.603	P	572.187	LOC_Os06g01850.1
DG _{HPU}	Os000416_01	S7	0.000	-1.538	P	302.537	P	234.585	P	681.090	LOC_Os08g39450.1
DG _{HPU}	Os000439_01	S7	-0.786	0.000	P	826.313	P	479.192	P	305.741	LOC_Os02g57110.1
DG _{HPU}	Os000481_01	S7	0.000	1.807	P	1068.972	P	1309.457	P	374.306	-
DG _{HPU}	Os000548_01	S7	1.085	0.000	P	124.249	P	263.655	P	314.831	LOC_Os07g09040.1
DG _{HPU}	Os000616_01	S7	0.788	0.000	P	12085.327	P	20874.019	P	11776.126	LOC_Os05g34854.2
DG _{HPU}	Os000805_01	S7	-0.806	0.000	P	269.111	P	153.879	A	81.146	LOC_Os09g20820.1
DG _{HPU}	Os000842_01	S7	0.000	-1.746	A	85.181	P	283.486	P	950.685	LOC_Os12g33130.1
DG _{HPU}	Os001004_01	S7	0.729	0.000	P	5185.630	P	8592.550	P	4982.624	LOC_Os01g58310.1
DG _{HPU}	Os001215_01	S7	-1.163	0.000	P	2977.952	P	1329.994	P	2350.544	LOC_Os03g55450.2
DG _{HPU}	Os001620_01	S7	0.981	0.000	P	152.529	P	301.056	P	348.193	LOC_Os07g16610.1

DG _{HPU}	Os001651_01	S7	0.000	-1.414	A	93.194	P	141.372	P	376.737	LOC_Os02g50640.1
DG _{HPU}	Os001666_01	S7	-0.845	0.000	P	333.414	P	185.552	A	79.221	LOC_Os04g49680.1
DG _{HPU}	Os001738_01	S7	-1.410	0.000	P	731.343	P	275.141	P	373.306	LOC_Os02g41860.2
DG _{HPU}	Os001786_01	S7	0.000	-1.961	A	101.315	P	137.138	P	534.057	LOC_Os02g09980.1
DG _{HPU}	Os001934_01	S7	0.000	-3.169	A	32.753	P	223.707	P	2012.557	-
DG _{HPU}	Os001936_01	S7	0.000	-2.057	A	187.543	P	522.065	P	2173.004	LOC_Os06g30390.1
DG _{HPU}	Os001958_01	S7	-0.978	-1.960	P	872.823	P	443.067	P	1723.710	LOC_Os02g37060.1
DG _{HPU}	Os002063_01	S7	0.902	0.000	P	162.381	P	303.448	P	205.793	LOC_Os04g38360.1
DG _{HPU}	Os002094_01	S7	-0.935	-2.285	P	333.130	P	174.255	P	849.295	LOC_Os12g36840.1
DG _{HPU}	Os002104_02	S7	0.000	-1.486	P	177.375	P	140.321	P	393.153	-
DG _{HPU}	Os002197_01	S7	-1.216	0.000	P	1047.101	P	450.700	A	111.619	LOC_Os01g63250.1
DG _{HPU}	Os002678_01	S7	-1.304	0.000	P	741.529	P	300.393	P	486.546	LOC_Os05g03920.1
DG _{HPU}	Os003371_01	S7	0.000	-1.473	A	150.424	P	340.337	P	944.861	LOC_Os11g09970.1
DG _{HPU}	Os004239_02	S7	0.842	0.000	P	2494.314	P	4470.328	P	1873.541	-
DG _{HPU}	Os005941_01	S7	-0.881	-1.525	P	4899.527	P	2661.314	P	7660.775	LOC_Os09g31300.1
DG _{HPU}	Os005944_01	S7	0.000	-1.650	P	4649.063	P	2816.973	P	8842.303	LOC_Os04g51070.1
DG _{HPU}	Os005953_01	S7	0.000	-1.831	P	6894.917	P	4086.208	P	14540.769	LOC_Os06g30020.1
DG _{HPU}	Os005956_01	S7	0.000	-1.577	P	3175.466	P	1968.680	P	5872.722	LOC_Os03g18710.1
DG _{HPU}	Os005967_01	S7	0.000	-1.447	P	5244.253	P	3405.615	P	9286.472	LOC_Os07g08360.1
DG _{HPU}	Os005968_01	S7	0.000	-1.432	P	1490.832	P	938.107	P	2531.824	LOC_Os06g03750.1
DG _{HPU}	Os006016_01	S7	0.000	-1.741	P	1449.582	P	1012.828	P	3384.467	LOC_Os01g25386.1
DG _{HPU}	Os006047_01	S7	0.807	0.000	P	3138.534	P	5492.890	P	2607.688	LOC_Os10g30600.2
DG _{HPU}	Os006201_01	S7	0.943	0.000	P	328.709	P	631.835	P	241.685	LOC_Os03g09290.1
DG _{HPU}	Os006571_01	S7	0.000	-1.933	P	1872.397	P	1115.453	P	4259.027	LOC_Os05g01350.1
DG _{HPU}	Os007263_01	S7	0.000	-1.607	A	72.747	P	205.702	P	626.573	LOC_Os12g33150.1
DG _{HPU}	Os007273_01	S7	-0.846	0.000	P	607.463	P	337.987	P	342.777	LOC_Os03g05920.1
DG _{HPU}	Os008437_01	S7	0.782	0.000	P	6608.431	P	11360.928	P	5427.503	LOC_Os02g02410.1
DG _{HPU}	Os008441_01	S7	0.000	1.937	P	2287.317	P	3124.832	P	815.888	LOC_Os03g49190.1
DG _{HPU}	Os008556_01	S7	-0.833	-1.914	P	1293.375	P	726.247	P	2737.759	LOC_Os02g44630.2
DG _{HPU}	Os008707_01	S7	0.000	1.551	P	1814.761	P	1758.295	P	600.086	LOC_Os03g13730.1
DG _{HPU}	Os008737_01	S7	0.000	1.613	P	1097.786	P	1213.528	P	396.695	LOC_Os08g34190.1

DG _{HPU}	Os008822_01	S7	-0.829	0.000	P	7834.684	P	4411.278	P	3186.722	LOC_Os03g41110.1
DG _{HPU}	Os008855_01	S7	-1.427	0.000	P	2253.914	P	838.177	P	1128.025	-
DG _{HPU}	Os008905_01	S7	0.000	-1.377	P	1318.405	P	1389.046	P	3608.556	LOC_Os06g37000.2
DG _{HPU}	Os008912_01	S7	-0.962	0.000	P	688.528	P	353.441	P	295.547	LOC_Os03g27230.1
DG _{HPU}	Os008979_01	S7	0.000	-1.577	P	411.685	P	270.115	P	805.685	LOC_Os01g17170.1
DG _{HPU}	Os009002_01	S7	1.072	0.000	P	8843.264	P	18591.217	P	10179.434	LOC_Os05g42000.1
DG _{HPU}	Os009127_01	S7	-1.021	0.000	P	453.756	P	223.535	A	74.261	LOC_Os03g41675.1
DG _{HPU}	Os009610_01	S7	-0.830	0.000	P	268.269	P	150.919	P	138.475	-
DG _{HPU}	Os009688_01	S7	1.200	0.000	P	132.963	P	305.474	P	308.182	LOC_Os01g55650.1
DG _{HPU}	Os009698_01	S7	0.000	1.740	P	1967.651	P	2302.513	P	689.452	-
DG _{HPU}	Os009786_01	S7	-0.789	0.000	P	348.928	P	201.887	P	127.598	LOC_Os03g24020.1
DG _{HPU}	Os009788_01	S7	0.000	1.489	P	423.867	P	445.627	P	158.799	LOC_Os05g07040.1
DG _{HPU}	Os009835_01	S7	-0.838	0.000	P	959.743	P	536.945	P	1004.580	LOC_Os12g36830.1
DG _{HPU}	Os009844_01	S7	0.000	-1.414	P	302.703	P	243.487	P	648.947	LOC_Os12g08730.1
DG _{HPU}	Os009883_01	S7	-1.100	0.000	P	2326.338	P	1085.259	P	2000.573	LOC_Os02g51080.1
DG _{HPU}	Os010113_01	S7	0.000	-1.545	P	657.438	P	442.118	P	1289.692	LOC_Os08g34210.1
DG _{HPU}	Os010147_01	S7	-0.996	0.000	P	630.860	P	316.351	P	764.358	LOC_Os12g43670.1
DG _{HPU}	Os010219_01	S7	1.343	0.000	P	210.075	P	532.747	P	454.034	-
DG _{HPU}	Os010257_01	S7	-0.833	0.000	P	917.765	P	515.253	A	66.061	LOC_Os02g47130.1
DG _{HPU}	Os010262_01	S7	0.845	0.000	P	300.756	P	540.375	P	590.084	LOC_Os07g45790.1
DG _{HPU}	Os010471_01	S7	-0.773	0.000	P	1267.527	P	741.685	P	815.222	-
DG _{HPU}	Os010519_01	S7	0.000	1.623	P	267.718	P	402.605	P	130.684	LOC_Os04g31460.1
DG _{HPU}	Os010543_01	S7	0.934	1.521	P	264.501	P	505.417	P	176.106	LOC_Os02g24700.1
DG _{HPU}	Os010687_01	S7	0.931	0.000	P	390.470	P	744.493	P	624.389	LOC_Os02g03060.1
DG _{HPU}	Os010761_01	S7	-0.996	0.000	P	1165.486	P	584.165	P	1202.738	-
DG _{HPU}	Os010778_01	S7	0.000	-1.380	P	208.493	P	212.618	P	553.455	LOC_Os09g31438.1
DG _{HPU}	Os010812_01	S7	0.760	0.000	P	120.761	P	204.543	P	196.198	LOC_Os04g51450.1
DG _{HPU}	Os010857_01	S7	-1.103	0.000	P	1347.752	P	627.638	P	469.098	-
DG _{HPU}	Os011262_01	S7	0.000	-1.399	P	270.726	P	207.513	P	547.397	LOC_Os02g52150.2
DG _{HPU}	Os011327_01	S7	-1.084	0.000	P	354.959	P	167.407	A	96.439	LOC_Os02g31030.1
DG _{HPU}	Os011374_01	S7	-0.799	0.000	P	437.238	P	251.296	P	379.980	LOC_Os12g33944.1

DG _{HPU}	Os011443_01	S7	0.722	0.000	P	4410.726	P	7275.233	P	3760.505	LOC_Os03g25340.1
DG _{HPU}	Os011451_01	S7	0.747	1.563	P	244.290	P	410.044	P	138.737	LOC_Os07g43250.1
DG _{HPU}	Os011660_01	S7	0.000	-1.381	P	215.755	P	160.763	P	418.700	LOC_Os06g45820.1
DG _{HPU}	Os011824_01	S7	0.000	1.515	P	1896.482	P	1797.458	P	628.874	LOC_Os09g27420.1
DG _{HPU}	Os011998_01	S7	0.992	0.000	P	218.228	P	433.929	P	213.670	LOC_Os02g33770.1
DG _{HPU}	Os012005_01	S7	-0.944	0.000	P	2896.106	P	1505.271	P	1517.368	LOC_Os03g58640.1
DG _{HPU}	Os012084_01	S7	0.731	0.000	P	199.118	P	330.530	A	181.160	LOC_Os06g10690.1
DG _{HPU}	Os012239_01	S7	-1.553	0.000	P	3427.573	P	1168.023	P	1554.487	-
DG _{HPU}	Os012277_01	S7	0.000	1.748	P	826.118	P	1350.935	P	402.120	LOC_Os05g49170.1
DG _{HPU}	Os012311_01	S7	-1.267	0.000	P	3618.807	P	1503.610	P	2981.143	LOC_Os03g63150.2
DG _{HPU}	Os012346_01	S7	0.000	-1.421	P	168.170	P	160.555	P	430.007	LOC_Os02g55120.1
DG _{HPU}	Os012349_01	S7	0.000	-1.452	A	99.514	P	124.362	P	340.266	LOC_Os03g61220.1
DG _{HPU}	Os012425_01	S7	0.784	0.000	P	159.818	P	275.205	P	368.004	-
DG _{HPU}	Os012450_01	S7	0.726	0.000	P	224.267	P	370.831	P	281.705	LOC_Os05g33850.1
DG _{HPU}	Os012695_01	S7	0.000	-1.663	P	290.278	P	213.249	P	675.267	LOC_Os02g43519.1
DG _{HPU}	Os012753_01	S7	-0.886	0.000	P	1419.848	P	768.507	P	1342.972	-
DG _{HPU}	Os012813_01	S7	0.000	1.590	P	5317.088	P	6219.339	P	2065.537	LOC_Os03g03660.4
DG _{HPU}	Os013099_01	S7	0.000	-1.391	P	265.185	P	242.652	P	636.208	LOC_Os04g39814.2
DG _{HPU}	Os013133_01	S7	0.000	-1.532	P	1485.321	P	1076.469	P	3112.883	LOC_Os03g02560.1
DG _{HPU}	Os013159_01	S7	-1.347	-2.127	P	8262.199	P	3247.514	P	14182.455	LOC_Os09g12540.1
DG _{HPU}	Os013169_01	S7	0.000	-1.711	P	535.912	P	355.040	P	1162.184	LOC_Os04g36720.1
DG _{HPU}	Os013198_01	S7	1.024	0.000	P	1361.300	P	2768.765	P	1598.095	LOC_Os06g43510.2
DG _{HPU}	Os013244_01	S7	0.871	0.000	P	192.836	P	352.572	P	173.220	LOC_Os05g06990.1
DG _{HPU}	Os013250_01	S7	1.248	0.000	P	782.013	P	1857.552	P	1088.079	LOC_Os01g05510.5
DG _{HPU}	Os013284_01	S7	0.000	-1.505	P	208.587	P	171.976	P	488.111	LOC_Os09g28630.1
DG _{HPU}	Os013374_01	S7	0.000	-1.576	P	412.475	P	325.771	P	971.369	LOC_Os03g58960.1
DG _{HPU}	Os013432_01	S7	0.000	-2.016	A	124.379	P	201.510	P	814.910	-
DG _{HPU}	Os013439_01	S7	0.874	0.000	P	1862.879	P	3415.068	P	1757.202	LOC_Os02g02770.1
DG _{HPU}	Os013712_01	S7	-1.100	-2.063	P	5917.054	P	2759.895	P	11531.975	LOC_Os09g26810.1
DG _{HPU}	Os013725_01	S7	-1.377	0.000	P	2350.330	P	905.002	P	1121.170	LOC_Os04g43800.1
DG _{HPU}	Os013901_01	S7	0.771	0.000	P	2569.899	P	4385.966	P	2829.775	LOC_Os04g42690.1

DG _{HPU}	Os013937_01	S7	-1.747	0.000	P	3618.150	P	1077.918	P	1613.468	LOC_Os05g07860.1
DG _{HPU}	Os013958_01	S7	0.000	-1.657	P	617.052	P	438.424	P	1382.583	LOC_Os01g18080.1
DG _{HPU}	Os014071_01	S7	-1.774	-2.554	P	7510.850	P	2195.844	P	12892.387	LOC_Os12g19470.2
DG _{HPU}	Os014166_01	S7	-1.424	-2.028	P	629.743	P	234.692	P	957.141	LOC_Os08g02160.1
DG _{HPU}	Os014181_01	S7	0.735	0.000	P	150.785	P	250.957	P	306.348	LOC_Os11g32260.1
DG _{HPU}	Os014183_01	S7	0.781	0.000	P	13560.463	P	23298.974	P	16655.402	LOC_Os02g07690.1
DG _{HPU}	Os014245_01	S7	0.000	1.632	P	814.382	P	1124.673	P	362.981	LOC_Os04g40660.3
DG _{HPU}	Os014261_01	S7	-1.040	-1.873	P	347.346	P	168.976	P	618.989	LOC_Os06g33710.3
DG _{HPU}	Os014299_01	S7	0.769	0.000	P	235.902	P	401.882	P	281.923	LOC_Os05g46200.1
DG _{HPU}	Os014344_01	S7	-0.918	-1.691	P	479.396	P	253.632	P	818.891	LOC_Os05g46360.1
DG _{HPU}	Os014402_01	S7	0.000	-1.679	A	88.559	P	224.609	P	719.141	LOC_Os04g37580.1
DG _{HPU}	Os014409_01	S7	0.779	0.000	P	3857.953	P	6621.333	P	3872.962	LOC_Os08g35939.1
DG _{HPU}	Os014441_01	S7	0.000	1.655	P	442.300	P	584.798	P	185.638	LOC_Os03g48310.1
DG _{HPU}	Os014461_01	S7	0.000	2.108	A	296.702	P	814.015	P	188.879	LOC_Os01g63870.2
DG _{HPU}	Os014556_01	S7	0.802	1.720	P	310.839	P	542.012	P	164.474	LOC_Os01g56870.1
DG _{HPU}	Os014673_01	S7	-0.998	0.000	P	1306.782	P	654.278	P	1066.363	LOC_Os02g42740.1
DG _{HPU}	Os014760_01	S7	0.000	-1.527	P	282.817	P	257.999	P	743.667	LOC_Os04g37710.1
DG _{HPU}	Os014801_01	S7	0.000	-1.654	A	143.015	P	198.585	P	625.037	LOC_Os06g40210.1
DG _{HPU}	Os014879_01	S7	1.518	0.000	P	106.151	P	304.096	A	321.302	LOC_Os10g40550.2
DG _{HPU}	Os014986_01	S7	-0.777	0.000	P	598.289	P	349.189	P	250.679	LOC_Os03g45390.1
DG _{HPU}	Os015064_01	S7	0.000	-1.393	P	377.612	P	368.668	P	968.170	LOC_Os02g40010.2
DG _{HPU}	Os015105_01	S7	1.023	0.000	P	207.515	P	421.800	P	203.205	LOC_Os11g34710.1
DG _{HPU}	Os015132_01	S7	0.760	0.000	P	193.030	P	326.867	P	352.544	LOC_Os01g40420.1
DG _{HPU}	Os015151_01	S7	0.000	-2.029	P	203.878	P	130.813	P	534.008	LOC_Os10g02840.1
DG _{HPU}	Os015340_01	S7	0.000	-1.554	P	334.071	P	269.365	P	790.708	-
DG _{HPU}	Os015562_01	S7	0.990	0.000	P	175.530	P	348.518	A	606.960	LOC_Os12g05730.1
DG _{HPU}	Os015569_01	S7	0.000	-1.476	P	336.026	P	257.931	P	717.342	LOC_Os03g03350.1
DG _{HPU}	Os015581_01	S7	0.000	-1.393	P	3556.675	P	2265.830	P	5950.242	LOC_Os05g41900.2
DG _{HPU}	Os015582_01	S7	-0.855	-1.600	P	558.055	P	308.548	P	935.154	LOC_Os04g45900.1
DG _{HPU}	Os015672_01	S7	0.000	-1.495	P	209.499	P	177.003	P	498.968	LOC_Os12g10540.4
DG _{HPU}	Os015885_01	S7	-1.005	0.000	P	1275.722	P	635.856	P	489.576	-

DG _{HPU}	Os015963_01	S7	0.000	-1.599	P	684.775	P	493.264	P	1494.005	LOC_Os03g10620.1
DG _{HPU}	Os016102_01	S7	-1.630	0.000	P	2616.095	P	845.412	P	1037.527	LOC_Os03g40100.1
DG _{HPU}	Os016154_01	S7	0.000	-1.860	A	83.549	P	175.098	P	635.672	LOC_Os12g23780.2
DG _{HPU}	Os016157_01	S7	0.818	0.000	P	204.219	P	360.150	P	489.508	LOC_Os09g01640.1
DG _{HPU}	Os016158_01	S7	0.775	0.000	P	144.214	P	246.707	P	216.482	LOC_Os11g42800.1
DG _{HPU}	Os016190_01	S7	0.000	-1.406	P	182.831	P	171.271	P	453.824	LOC_Os12g28177.1
DG _{HPU}	Os016207_01	S7	0.778	0.000	P	123.155	P	211.245	P	172.386	LOC_Os03g61140.1
DG _{HPU}	Os016221_01	S7	0.000	2.174	P	1899.947	P	2924.606	P	648.170	LOC_Os05g02060.1
DG _{HPU}	Os016225_01	S7	0.000	-1.418	P	675.366	P	654.811	P	1750.185	LOC_Os01g52260.1
DG _{HPU}	Os016331_01	S7	0.788	0.000	P	166.478	P	287.379	P	318.594	LOC_Os06g02450.1
DG _{HPU}	Os016332_01	S7	0.000	-1.492	P	675.703	P	639.444	P	1798.288	LOC_Os04g40300.1
DG _{HPU}	Os016432_01	S7	0.000	-1.500	P	543.655	P	383.943	P	1085.902	LOC_Os03g05390.6
DG _{HPU}	Os016456_01	S7	0.000	1.811	P	1055.816	P	1348.390	P	384.378	LOC_Os02g01010.1
DG _{HPU}	Os016500_01	S7	0.000	-1.402	P	616.680	P	370.452	P	978.725	LOC_Os02g57280.1
DG _{HPU}	Os016701_01	S7	0.000	-1.419	A	92.968	P	133.307	P	356.538	LOC_Os06g44160.1
DG _{HPU}	Os016769_01	S7	0.864	0.000	P	284.608	P	518.072	P	296.791	LOC_Os02g04330.2
DG _{HPU}	Os016771_01	S7	-1.475	0.000	P	2533.449	P	911.500	P	853.364	LOC_Os07g37530.2
DG _{HPU}	Os016793_01	S7	0.000	-1.387	A	95.684	P	117.903	P	308.281	LOC_Os02g52780.1
DG _{HPU}	Os016818_01	S7	0.000	-1.429	P	290.073	P	210.888	P	567.710	LOC_Os02g01150.2
DG _{HPU}	Os017021_01	S7	-0.821	0.000	P	449.909	P	254.730	P	512.061	LOC_Os09g01140.1
DG _{HPU}	Os017149_01	S7	0.000	-1.563	P	417.246	P	369.210	P	1090.543	LOC_Os03g01030.1
DG _{HPU}	Os017217_01	S7	1.050	0.000	P	286.910	P	594.133	P	249.137	LOC_Os03g21620.1
DG _{HPU}	Os017409_01	S7	0.000	-1.525	P	336.812	P	310.187	P	892.629	LOC_Os12g01449.1
DG _{HPU}	Os017416_01	S7	-0.939	0.000	P	369.495	P	192.706	P	130.711	LOC_Os10g05980.1
DG _{HPU}	Os017420_01	S7	-0.790	0.000	P	318.153	P	183.978	P	413.464	LOC_Os02g36210.1
DG _{HPU}	Os017640_01	S7	0.000	-1.433	P	299.448	P	210.118	P	567.416	LOC_Os05g22614.1
DG _{HPU}	Os017707_01	S7	0.725	0.000	P	191.456	P	316.364	P	378.633	LOC_Os05g07070.7
DG _{HPU}	Os017843_01	S7	0.000	1.681	P	446.716	P	495.071	P	154.351	LOC_Os05g40790.1
DG _{HPU}	Os017858_01	S7	-0.838	0.000	P	22370.853	P	12514.694	P	13561.179	LOC_Os03g56580.1
DG _{HPU}	Os017901_01	S7	0.737	0.000	P	349.923	P	583.327	P	365.702	LOC_Os05g37970.1
DG _{HPU}	Os017943_01	S7	0.000	-1.776	P	371.370	P	282.131	P	966.233	LOC_Os07g12340.1

DG _{HPU}	Os017944_01	S7	0.000	-1.536	P	791.184	P	648.894	P	1881.983	LOC_Os04g18090.1
DG _{HPU}	Os018064_01	S7	-0.785	-1.714	P	1154.132	P	669.854	P	2198.006	LOC_Os05g48422.1
DG _{HPU}	Os018278_01	S7	0.000	-1.438	P	252.298	P	233.527	P	632.587	LOC_Os10g35840.1
DG _{HPU}	Os018280_01	S7	-0.911	0.000	P	1765.406	P	939.092	P	962.365	LOC_Os12g32940.1
DG _{HPU}	Os018393_01	S7	0.000	-1.533	P	247.150	P	211.930	P	613.461	LOC_Os09g38090.1
DG _{HPU}	Os018465_01	S7	0.000	-1.399	P	198.069	P	162.364	P	428.296	LOC_Os01g01710.1
DG _{HPU}	Os018550_01	S7	-1.483	0.000	P	9430.701	P	3372.812	P	4717.914	LOC_Os06g08740.1
DG _{HPU}	Os018724_01	S7	-1.034	0.000	P	5351.230	P	2612.619	P	4956.745	LOC_Os07g38270.1
DG _{HPU}	Os018737_01	S7	0.839	0.000	P	1204.128	P	2154.694	P	1225.674	LOC_Os02g39710.1
DG _{HPU}	Os018818_01	S7	0.000	-1.490	P	5180.402	P	5024.303	P	14114.904	-
DG _{HPU}	Os018821_01	S7	-0.973	0.000	P	521.683	P	265.790	P	490.458	LOC_Os07g06620.1
DG _{HPU}	Os018915_01	S7	-0.966	0.000	P	1057.662	P	541.288	P	560.327	LOC_Os04g43760.1
DG _{HPU}	Os018960_01	S7	0.000	-1.569	P	672.619	P	472.087	P	1401.004	LOC_Os03g52840.1
DG _{HPU}	Os019225_01	S7	-0.774	0.000	P	1753.338	P	1025.500	P	1032.328	LOC_Os01g63930.2
DG _{HPU}	Os019289_01	S7	0.855	0.000	P	119.602	P	216.334	P	199.827	LOC_Os04g28420.1
DG _{HPU}	Os019437_01	S7	0.731	0.000	P	131.956	P	219.083	P	262.584	LOC_Os12g42260.2
DG _{HPU}	Os019511_01	S7	0.000	-1.640	P	345.968	P	301.988	P	940.903	LOC_Os06g47350.2
DG _{HPU}	Os019620_01	S7	0.000	-1.688	P	420.471	P	273.540	P	881.449	LOC_Os06g42720.1
DG _{HPU}	Os019785_01	S7	-1.336	0.000	P	10326.876	P	4089.308	P	5351.977	LOC_Os02g55970.2
DG _{HPU}	Os020076_01	S7	0.860	0.000	P	580.050	P	1052.967	P	1058.893	LOC_Os08g39380.1
DG _{HPU}	Os020229_01	S7	0.846	0.000	P	1218.666	P	2190.831	P	1719.900	LOC_Os05g02250.2
DG _{HPU}	Os020320_01	S7	0.000	-1.494	P	3874.358	P	3589.021	P	10107.778	LOC_Os10g05690.1
DG _{HPU}	Os020373_01	S7	1.005	0.000	P	354.841	P	712.009	P	261.800	LOC_Os04g27980.1
DG _{HPU}	Os020523_01	S7	-0.791	0.000	P	587.289	P	339.362	P	390.525	LOC_Os02g55080.1
DG _{HPU}	Os020653_01	S7	0.000	-1.375	P	169.845	P	177.736	P	461.143	LOC_Os11g05990.1
DG _{HPU}	Os020778_01	S7	0.797	0.000	P	492.139	P	855.151	P	345.206	LOC_Os07g44430.2
DG _{HPU}	Os020841_01	S7	-1.213	0.000	P	1253.846	P	540.839	P	649.380	LOC_Os05g06500.1
DG _{HPU}	Os020948_01	S7	-0.793	0.000	P	279.516	P	161.265	P	181.969	LOC_Os04g46880.2
DG _{HPU}	Os020966_01	S7	0.000	1.647	P	660.053	P	822.362	P	262.588	LOC_Os03g55350.1
DG _{HPU}	Os021029_01	S7	0.943	0.000	P	155.887	P	299.654	P	247.367	LOC_Os01g10930.1
DG _{HPU}	Os021076_01	S7	1.048	0.000	P	231.266	P	478.139	P	313.602	LOC_Os01g03110.1

DG _{HPU}	Os021113_01	S7	-0.977	0.000	P	607.993	P	308.860	P	415.575	LOC_Os02g15700.1
DG _{HPU}	Os021296_01	S7	1.030	0.000	P	2333.350	P	4763.519	P	2766.301	LOC_Os03g19780.1
DG _{HPU}	Os021314_01	S7	0.818	0.000	P	996.491	P	1756.535	P	986.917	LOC_Os07g42290.1
DG _{HPU}	Os021349_01	S7	0.000	1.717	P	1016.798	P	1109.166	P	337.380	LOC_Os02g54160.1
DG _{HPU}	Os021383_01	S7	1.083	0.000	P	748.631	P	1585.444	P	652.661	LOC_Os03g54910.1
DG _{HPU}	Os021429_01	S7	0.000	-1.931	A	46.641	P	152.566	P	581.962	LOC_Os12g20390.4
DG _{HPU}	Os021455_01	S7	0.000	-1.467	A	112.635	P	166.291	P	459.617	LOC_Os03g55820.1
DG _{HPU}	Os021521_01	S7	0.000	-2.044	A	112.666	P	163.332	P	673.414	LOC_Os01g03490.1
DG _{HPU}	Os021757_01	S7	-0.793	0.000	P	3282.352	P	1893.929	P	1736.760	LOC_Os09g36740.1
DG _{HPU}	Os021798_01	S7	0.000	-1.676	P	228.684	P	173.145	P	553.397	LOC_Os11g08380.1
DG _{HPU}	Os021834_01	S7	0.898	0.000	P	2088.164	P	3891.696	P	2085.880	LOC_Os08g27720.1
DG _{HPU}	Os021893_01	S7	0.000	-1.733	P	159.845	P	128.828	P	428.397	LOC_Os09g35030.1
DG _{HPU}	Os021895_01	S7	-0.828	0.000	P	293.590	P	165.402	P	407.469	LOC_Os08g28180.2
DG _{HPU}	Os021896_01	S7	-0.827	0.000	P	366.804	P	206.765	P	158.854	LOC_Os01g47780.1
DG _{HPU}	Os021978_01	S7	0.000	-1.612	P	291.726	P	200.766	P	613.831	LOC_Os02g39160.1
DG _{HPU}	Os022055_01	S7	-0.946	0.000	P	8427.329	P	4373.315	P	9498.371	LOC_Os11g07020.1
DG _{HPU}	Os022057_01	S7	0.742	0.000	P	209.797	P	350.862	P	303.742	LOC_Os01g10850.1
DG _{HPU}	Os022072_01	S7	0.000	-1.694	P	177.871	P	143.776	P	465.281	LOC_Os06g49880.1
DG _{HPU}	Os022074_01	S7	-1.000	0.000	P	1996.941	P	998.255	P	1835.438	LOC_Os06g15400.1
DG _{HPU}	Os022083_01	S7	-0.930	-1.856	P	669.457	P	351.386	P	1271.622	LOC_Os03g63280.1
DG _{HPU}	Os022142_01	S7	0.000	-1.525	P	364.396	P	333.165	P	958.592	LOC_Os09g31200.1
DG _{HPU}	Os022183_01	S7	0.000	-1.405	P	498.234	P	295.122	P	781.301	LOC_Os10g40390.1
DG _{HPU}	Os022228_01	S7	-1.555	0.000	P	5429.930	P	1847.845	P	2621.709	LOC_Os10g41250.1
DG _{HPU}	Os022434_01	S7	-1.524	0.000	P	3601.769	P	1252.482	P	1975.860	LOC_Os01g67310.1
DG _{HPU}	Os022652_01	S7	0.000	-1.665	A	103.612	P	121.980	P	386.810	LOC_Os02g18750.1
DG _{HPU}	Os022779_01	S7	-0.793	0.000	P	1210.720	P	698.932	P	434.590	-
DG _{HPU}	Os022953_01	S7	0.789	0.000	P	980.090	P	1693.218	P	1467.030	LOC_Os09g38850.1
DG _{HPU}	Os022978_01	S7	0.753	0.000	P	342.212	P	576.584	P	528.535	LOC_Os01g49260.1
DG _{HPU}	Os022995_01	S7	0.791	0.000	P	5148.264	P	8909.723	P	3611.368	LOC_Os07g11330.1
DG _{HPU}	Os023000_01	S7	0.860	0.000	P	537.186	P	975.199	P	826.655	LOC_Os03g26010.1
DG _{HPU}	Os023001_01	S7	0.875	0.000	P	1941.946	P	3561.228	P	3782.130	LOC_Os10g40040.1

DG _{HPU}	Os023012_01	S7	0.743	0.000	P	896.316	P	1500.277	P	1005.184	LOC_Os09g26380.1
DG _{HPU}	Os023026_01	S7	0.862	0.000	P	793.191	P	1441.784	P	1188.416	LOC_Os07g02910.1
DG _{HPU}	Os023028_01	S7	0.768	0.000	P	599.060	P	1020.334	P	378.965	LOC_Os05g49930.1
DG _{HPU}	Os023032_01	S7	0.776	0.000	P	107.553	P	184.140	P	121.672	LOC_Os04g32070.1
DG _{HPU}	Os023038_01	S7	1.374	0.000	P	112.811	P	292.470	P	135.079	LOC_Os04g35000.1
DG _{HPU}	Os023048_01	S7	0.000	1.663	P	2109.018	P	2767.888	P	874.144	LOC_Os02g12310.1
DG _{HPU}	Os023065_01	S7	0.761	0.000	P	2338.927	P	3962.624	P	2752.288	LOC_Os01g20120.1
DG _{HPU}	Os023116_01	S7	-0.912	-1.812	P	942.420	P	500.758	P	1757.960	-
DG _{HPU}	Os023156_01	S7	0.000	1.779	P	550.269	P	688.292	P	200.553	LOC_Os03g45210.1
DG _{HPU}	Os023215_01	S7	-1.083	0.000	P	4524.381	P	2135.903	P	2595.244	-
DG _{HPU}	Os023465_01	S7	1.473	0.000	P	293.866	P	815.606	P	734.852	LOC_Os01g37200.1
DG _{HPU}	Os023481_02	S7	0.993	0.000	P	2867.779	P	5708.990	P	2669.547	-
DG _{HPU}	Os023486_01	S7	0.873	0.000	P	208.411	P	381.642	P	169.628	-
DG _{HPU}	Os023530_01	S7	1.511	1.505	P	448.274	P	1277.790	P	450.061	LOC_Os07g12080.1
DG _{HPU}	Os023575_01	S7	1.066	0.000	P	115.645	P	242.148	P	178.570	LOC_Os08g23870.1
DG _{HPU}	Os023578_01	S7	1.022	0.000	P	214.912	P	436.478	P	268.000	LOC_Os04g38550.1
DG _{HPU}	Os023631_01	S7	0.000	1.503	P	452.985	P	524.211	P	185.004	LOC_Os02g57350.1
DG _{HPU}	Os023651_01	S7	0.830	0.000	P	194.854	P	346.273	A	112.480	LOC_Os03g58500.1
DG _{HPU}	Os023673_01	S7	0.743	0.000	P	174.428	P	291.936	P	193.702	LOC_Os08g15420.1
DG _{HPU}	Os023737_01	S7	0.939	0.000	P	1442.170	P	2764.298	P	1247.053	-
DG _{HPU}	Os023820_01	S7	0.000	1.735	P	2361.229	P	3376.155	P	1013.981	LOC_Os07g42390.1
DG _{HPU}	Os023849_01	S7	-0.923	0.000	P	548.813	P	289.361	P	294.258	LOC_Os10g25400.1
DG _{HPU}	Os023957_01	S7	0.846	0.000	P	121.516	P	218.383	A	97.736	LOC_Os05g50110.1
DG _{HPU}	Os024239_01	S7	0.000	1.679	P	886.662	P	1320.816	P	412.472	LOC_Os07g38290.1
DG _{HPU}	Os024417_01	S7	0.873	0.000	P	5049.477	P	9245.212	P	4092.799	LOC_Os01g13340.1
DG _{HPU}	Os024437_01	S7	-1.082	0.000	P	3510.529	P	1658.317	P	3511.670	-
DG _{HPU}	Os024540_01	S7	-0.827	0.000	P	510.908	P	288.075	P	258.625	-
DG _{HPU}	Os024624_01	S7	0.855	0.000	P	1277.143	P	2310.017	P	1689.231	LOC_Os04g58820.1
DG _{HPU}	Os024704_01	S7	1.013	0.000	P	1648.329	P	3327.527	P	1685.406	-
DG _{HPU}	Os024798_01	S7	0.000	-1.384	P	258.756	P	260.015	P	678.516	LOC_Os05g48800.2
DG _{HPU}	Os024827_01	S7	0.000	-1.452	P	208.753	P	207.402	P	567.465	-

DG _{HPU}	Os024959_01	S7	0.000	-1.517	P	191.261	P	159.817	P	457.493	LOC_Os02g08150.1
DG _{HPU}	Os025052_01	S7	0.753	0.000	P	2510.627	P	4230.885	P	1843.976	LOC_Os01g56570.1
DG _{HPU}	Os025101_01	S7	0.000	1.726	P	1796.991	P	1982.433	P	599.219	LOC_Os08g31660.1
DG _{HPU}	Os025108_01	S7	0.810	1.528	P	689.944	P	1209.326	P	419.367	LOC_Os11g24790.1
DG _{HPU}	Os025168_01	S7	-1.094	0.000	P	292.135	P	136.900	A	92.106	LOC_Os08g40280.1
DG _{HPU}	Os025567_01	S7	0.728	0.000	P	487.462	P	807.522	P	618.645	LOC_Os11g28270.3
DG _{HPU}	Os025779_01	S7	0.723	0.000	P	224.336	P	370.320	P	283.342	LOC_Os01g74590.1
DG _{HPU}	Os025968_01	S7	-0.831	0.000	P	1839.468	P	1034.119	P	755.516	LOC_Os08g16780.1
DG _{HPU}	Os026060_01	S7	1.158	0.000	P	299.976	P	669.425	P	463.412	-
DG _{HPU}	Os026911_01	S7	0.000	1.516	P	449.958	P	630.898	P	220.536	LOC_Os03g20590.1
DG _{HPU}	Os026917_01	S7	-1.026	0.000	P	3092.747	P	1518.986	P	1380.473	LOC_Os04g52250.1
DG _{HPU}	Os027044_01	S7	-1.165	0.000	P	8415.915	P	3752.137	P	6353.651	LOC_Os09g15830.1
DG _{HPU}	Os027596_01	S7	0.798	0.000	P	23728.958	P	41268.138	P	24813.159	LOC_Os05g41970.1
DG _{HPU}	Os027629_01	S7	-0.789	0.000	P	1847.534	P	1069.017	P	2406.418	-
DG _{HPU}	Os027637_01	S7	-0.919	0.000	P	3837.045	P	2029.774	P	3181.002	LOC_Os05g04510.2
DG _{HPU}	Os027666_01	S7	1.049	0.000	P	12365.158	P	25581.721	P	12490.756	LOC_Os07g11380.1
DG _{HPU}	Os027667_01	S7	-0.787	0.000	P	1373.746	P	796.361	P	462.359	LOC_Os10g40430.1
DG _{HPU}	Os027740_01	S7	0.000	-1.470	P	773.171	P	714.802	P	1980.040	LOC_Os09g29690.1
DG _{HPU}	Os027832_01	S7	1.127	0.000	P	143.989	P	314.473	P	257.046	LOC_Os02g46530.1
DG _{HPU}	Os027938_01	S7	-1.144	0.000	P	1611.928	P	729.153	P	620.488	-
DG _{HPU}	Os028025_01	S7	1.006	0.000	P	499.230	P	1002.433	P	582.846	LOC_Os05g07240.1
DG _{HPU}	Os028141_01	S7	1.003	0.000	P	1297.422	P	2599.770	P	1427.984	LOC_Os09g20520.1
DG _{HPU}	Os028173_01	S7	0.000	1.785	P	879.729	P	1074.268	P	311.734	LOC_Os04g29290.1
DG _{HPU}	Os028175_01	S7	0.000	1.761	P	1396.592	P	1790.608	P	528.455	LOC_Os11g30830.1
DG _{HPU}	Os028183_01	S7	0.000	2.006	P	835.616	P	1135.777	P	282.784	LOC_Os05g48400.1
DG _{HPU}	Os028190_01	S7	0.736	0.000	P	195.047	P	324.955	A	66.606	LOC_Os11g31380.1
DG _{HPU}	Os028201_01	S7	-0.852	0.000	P	406.755	P	225.366	A	43.560	LOC_Os07g07180.1
DG _{HPU}	Os028382_01	S7	0.760	0.000	P	130.619	P	221.156	P	285.268	LOC_Os06g02580.1
DG _{HPU}	Os028477_01	S7	0.773	0.000	P	108.124	P	184.761	P	218.058	LOC_Os02g45330.1
DG _{HPU}	Os028578_01	S7	-1.002	0.000	P	364.050	P	181.775	A	80.988	LOC_Os07g32370.1
DG _{HPU}	Os028680_01	S7	0.000	-1.923	A	92.016	P	174.957	P	663.626	LOC_Os07g06100.1

DG _{HPU}	Os029205_01	S7	0.000	1.571	P	979.282	P	1321.747	P	444.874	LOC_Os05g39400.1
DG _{HPU}	Os029315_01	S7	1.298	2.499	P	396.169	P	974.330	P	172.313	LOC_Os07g30680.1
DG _{HPU}	Os029431_01	S7	0.807	0.000	P	178.987	P	313.153	P	192.509	LOC_Os08g08790.1
DG _{HPU}	Os029535_01	S7	0.000	-1.515	P	2284.679	P	1553.371	P	4439.250	LOC_Os06g19770.1
DG _{HPU}	Os029666_01	S7	0.875	0.000	P	192.940	P	353.850	P	472.623	LOC_Os05g05610.1
DG _{HPU}	Os029812_01	S7	-1.505	0.000	P	771.530	P	271.860	P	372.082	-
DG _{HPU}	Os029952_01	S7	0.763	0.000	P	196.236	P	333.128	P	214.943	LOC_Os08g33190.1
DG _{HPU}	Os030231_01	S7	0.939	0.000	P	538.338	P	1032.435	P	928.888	LOC_Os03g46100.1
DG _{HPU}	Os030546_01	S7	-0.804	0.000	P	717.667	P	411.027	P	296.603	LOC_Os09g16270.1
DG _{HPU}	Os030891_01	S7	-1.015	0.000	P	1052.236	P	520.677	P	504.242	LOC_Os02g41954.1
DG _{HPU}	Os030952_01	S7	0.000	1.796	P	438.482	P	692.971	P	199.557	-
DG _{HPU}	Os031048_01	S7	0.966	0.000	P	4536.729	P	8860.520	P	4186.843	LOC_Os06g19490.1
DG _{HPU}	Os031090_01	S7	-1.100	0.000	P	5399.325	P	2519.514	P	6110.440	LOC_Os12g14699.1
DG _{HPU}	Os031487_01	S7	0.965	0.000	P	7722.115	P	15069.210	P	10439.004	LOC_Os04g53650.1
DG _{HPU}	Os031781_01	S7	-0.823	0.000	P	14201.805	P	8028.355	P	5330.768	LOC_Os06g30530.1
DG _{HPU}	Os032146_01	S7	0.941	0.000	P	171.239	P	328.753	P	211.904	LOC_Os10g10620.1
DG _{HPU}	Os032194_01	S7	0.000	-1.826	P	1608.363	P	946.726	P	3356.807	LOC_Os08g43530.1
DG _{HPU}	Os032197_01	S7	1.155	0.000	P	308.132	P	686.149	P	440.541	LOC_Os11g26570.1
DG _{HPU}	Os032413_01	S7	-0.794	0.000	P	612.283	P	353.115	P	397.793	LOC_Os01g11500.1
DG _{HPU}	Os032673_01	S7	0.000	1.495	P	1041.247	P	1475.264	P	523.244	LOC_Os08g12810.1
DG _{HPU}	Os033186_01	S7	0.749	1.756	P	507.100	P	852.405	P	252.340	LOC_Os01g39850.1
DG _{HPU}	Os033199_01	S7	0.798	0.000	P	169.754	P	295.195	P	326.179	-
DG _{HPU}	Os033395_01	S7	0.734	0.000	P	2835.707	P	4717.836	P	2035.913	-
DG _{HPU}	Os033430_01	S7	0.000	-2.150	A	32.896	P	202.470	P	898.396	LOC_Os10g22630.1
DG _{HPU}	Os033574_01	S7	0.843	0.000	P	6436.009	P	11544.961	P	4638.252	LOC_Os08g41760.1
DG _{HPU}	Os034009_01	S7	0.820	0.000	P	17379.337	P	30689.347	P	19140.097	LOC_Os02g38170.1
DG _{HPU}	Os034378_01	S7	-0.989	0.000	P	734.684	P	370.150	P	303.103	LOC_Os03g18000.1
DG _{HPU}	Os034493_01	S7	0.000	1.496	P	955.275	P	1158.528	P	410.672	LOC_Os02g34930.1
DG _{HPU}	Os034598_01	S7	0.000	-1.465	P	866.699	P	651.358	P	1798.476	LOC_Os05g23050.1
DG _{HPU}	Os034660_01	S7	-0.875	0.000	P	573.396	P	312.583	P	231.763	LOC_Os05g11470.1
DG _{HPU}	Os034971_01	S7	0.736	0.000	P	2786.374	P	4640.282	P	1781.033	LOC_Os01g56040.1

DG _{HPU}	Os035128_01	S7	1.068	0.000	P	209.243	P	438.708	P	239.290	LOC_Os05g46060.1
DG _{HPU}	Os035182_01	S7	-0.922	0.000	P	1912.353	P	1009.115	P	1340.808	LOC_Os01g08200.1
DG _{HPU}	Os035205_01	S7	0.936	0.000	P	7003.911	P	13397.472	P	9530.806	LOC_Os07g12720.1
DG _{HPU}	Os035328_01	S7	0.843	0.000	P	9986.336	P	17916.090	P	8135.661	LOC_Os06g50980.1
DG _{HPU}	Os035490_01	S7	-0.852	0.000	P	777.138	P	430.634	P	465.607	LOC_Os12g04424.2
DG _{HPU}	Os035558_01	S7	-1.042	0.000	P	7213.652	P	3502.142	P	8611.043	LOC_Os06g47360.1
DG _{HPU}	Os035573_01	S7	-0.916	0.000	P	305.708	P	162.042	P	147.780	LOC_Os02g40610.1
DG _{HPU}	Os035905_01	S7	0.000	-1.644	A	179.231	P	191.618	P	598.912	LOC_Os11g39020.1
DG _{HPU}	Os036341_01	S7	-0.939	0.000	P	501.061	P	261.298	A	44.692	LOC_Os07g05510.1
DG _{HPU}	Os036348_01	S7	0.000	-1.696	P	1372.813	P	821.587	P	2661.902	LOC_Os12g14450.1
DG _{HPU}	Os036475_01	S7	0.000	1.681	P	211.679	P	301.981	P	94.191	LOC_Os03g08530.1
DG _{HPU}	Os036618_01	S7	-1.167	-2.546	P	1299.993	P	579.051	P	3380.930	LOC_Os04g33830.1
DG _{HPU}	Os036667_01	S7	0.902	0.000	P	10419.138	P	19476.243	P	11456.906	LOC_Os06g08500.1
DG _{HPU}	Os037049_01	S7	-1.106	-1.531	P	1059.506	P	492.280	P	1422.948	LOC_Os08g17980.1
DG _{HPU}	Os037099_01	S7	0.874	0.000	P	5024.746	P	9207.879	P	4403.780	LOC_Os04g42530.1
DG _{HPU}	Os037112_01	S7	0.000	-1.484	P	318.744	P	288.628	P	807.248	LOC_Os11g01360.1
DG _{HPU}	Os037211_01	S7	0.730	0.000	P	1033.848	P	1714.540	P	1041.623	LOC_Os09g03580.1
DG _{HPU}	Os037237_01	S7	-0.892	0.000	P	1069.670	P	576.282	P	493.551	LOC_Os01g04470.1
DG _{HPU}	Os037668_01	S7	0.724	0.000	P	4235.256	P	6997.747	P	4946.118	LOC_Os04g40120.1
DG _{HPU}	Os037985_01	S7	-1.987	-1.710	P	12507.388	P	3155.151	P	10321.336	LOC_Os12g10580.1
DG _{HPU}	Os038150_01	S7	0.000	-1.724	P	299.794	P	208.957	P	690.136	LOC_Os06g20710.1
DG _{HPU}	Os038339_01	S7	0.725	0.000	P	128.354	P	212.140	P	154.007	LOC_Os03g49840.1
DG _{HPU}	Os038408_01	S7	-1.721	0.000	P	7476.677	P	2267.848	P	2674.603	LOC_Os09g25700.1
DG _{HPU}	Os038439_01	S7	0.000	1.498	P	383.201	P	427.568	P	151.403	LOC_Os05g50390.1
DG _{HPU}	Os039127_01	S7	0.000	1.903	P	445.112	P	549.984	P	147.080	LOC_Os01g48170.1
DG _{HPU}	Os039406_01	S7	0.833	0.000	P	173.313	P	308.781	P	187.247	LOC_Os03g20680.1
DG _{HPU}	Os039702_01	S7	-0.826	-1.516	P	363.297	P	204.915	P	585.871	LOC_Os11g25300.1
DG _{HPU}	Os040088_01	S7	-0.828	0.000	P	1208.374	P	680.753	P	766.627	-
DG _{HPU}	Os040337_01	S7	0.905	1.561	P	280.984	P	526.206	P	178.354	-
DG _{HPU}	Os040346_01	S7	-0.786	0.000	P	415.143	P	240.844	P	572.696	LOC_Os01g46210.1
DG _{HPU}	Os040497_01	S7	-1.066	0.000	P	525.689	P	251.095	P	175.123	LOC_Os12g41420.1

DG _{HPU}	Os040589_01	S7	0.000	-1.561	P	415.237	P	321.025	P	946.981	LOC_Os03g17070.1
DG _{HPU}	Os040591_01	S7	0.000	-1.448	A	117.117	P	147.896	P	403.629	LOC_Os03g08380.1
DG _{HPU}	Os040834_01	S7	0.760	0.000	P	3662.756	P	6201.290	P	3523.019	LOC_Os11g01260.1
DG _{HPU}	Os040991_01	S7	0.826	0.000	P	12517.626	P	22186.318	P	10873.089	-
DG _{HPU}	Os041080_01	S7	0.772	0.000	P	4720.505	P	8061.607	P	3567.106	LOC_Os03g19830.1
DG _{HPU}	Os041081_01	S7	0.000	1.754	A	613.151	P	520.487	P	154.286	-
DG _{HPU}	Os041334_01	S7	1.343	0.000	P	160.892	P	408.171	P	212.416	LOC_Os01g13920.1
DG _{HPU}	Os041337_01	S7	0.000	1.774	P	758.797	P	1015.515	P	296.860	LOC_Os04g05490.1
DG _{HPU}	Os042492_01	S7	-0.922	0.000	P	1831.974	P	967.025	P	1695.243	-
DG _{HPU}	Os043044_01	S7	0.745	0.000	P	1087.828	P	1823.247	P	1203.620	LOC_Os06g30030.1
DG _{HPU}	Os043604_01	S7	0.923	0.000	P	713.714	P	1353.062	P	647.083	LOC_Os05g20030.1
DG _{HPU}	Os043740_01	S7	-1.252	0.000	P	2775.095	P	1165.046	P	2687.506	LOC_Os04g11956.1
DG _{HPU}	Os043891_01	S7	0.000	1.584	P	793.912	P	942.129	P	314.199	LOC_Os06g44910.1
DG _{HPU}	Os043937_01	S7	0.884	0.000	P	178.656	P	329.693	P	171.244	LOC_Os06g29580.1
DG _{HPU}	Os043992_01	S7	-0.932	0.000	P	393.899	P	206.421	P	131.918	LOC_Os06g16000.1
DG _{HPU}	Os044015_01	S7	1.040	0.000	P	112.265	P	230.780	A	98.268	-
DG _{HPU}	Os044300_01	S7	-0.946	0.000	P	2796.805	P	1451.286	P	1626.258	LOC_Os05g11320.1
DG _{HPU}	Os044441_01	S7	1.142	0.000	P	122.889	P	271.294	P	176.744	LOC_Os12g41790.1
DG _{HPU}	Os044617_01	S7	1.033	0.000	P	2836.121	P	5802.960	P	3099.138	-
DG _{HPU}	Os045253_01	S7	0.000	-1.441	A	110.868	P	122.101	P	331.587	-
DG _{HPU}	Os045398_01	S7	0.846	0.000	P	1067.149	P	1918.613	P	959.517	LOC_Os12g25450.1
DG _{HPU}	Os045558_01	S7	-0.894	0.000	P	461.420	P	248.281	P	220.396	LOC_Os07g34370.1
DG _{HPU}	Os045632_01	S7	-1.008	0.000	P	6474.088	P	3219.421	P	5329.558	LOC_Os07g18070.1
DG _{HPU}	Os045859_01	S7	0.000	-2.142	A	91.336	P	140.121	P	618.263	LOC_Os12g28177.1
DG _{HPU}	Os046675_01	S7	1.033	0.000	P	223.772	P	457.907	P	170.863	LOC_Os11g39020.1
DG _{HPU}	Os046837_01	S7	-0.965	0.000	P	530.604	P	271.819	P	237.798	LOC_Os06g46650.1
DG _{HPU}	Os047258_01	S7	0.000	-1.395	P	462.797	P	395.470	P	1040.217	LOC_Os03g37290.1
DG _{HPU}	Os047694_01	S7	-0.972	0.000	P	276.638	P	140.991	A	123.844	LOC_Os04g30540.1
DG _{HPU}	Os047874_01	S7	0.000	-1.645	P	1148.324	P	690.674	P	2159.483	LOC_Os12g36860.1
DG _{HPU}	Os048007_01	S7	0.752	0.000	P	883.333	P	1487.875	P	618.742	LOC_Os11g42050.1
DG _{HPU}	Os048058_01	S7	0.941	0.000	P	6090.055	P	11692.110	P	5762.127	LOC_Os11g18000.1

DG _{HPU}	Os048353_01	S7	0.866	0.000	P	159.935	P	291.592	P	193.619	LOC_Os04g57400.1
DG _{HPU}	Os048485_01	S7	0.992	0.000	P	2339.906	P	4654.070	P	2419.894	LOC_Os01g08620.1
DG _{HPU}	Os048490_01	S7	-1.693	0.000	P	4871.474	P	1506.698	P	2229.258	-
DG _{HPU}	Os048518_01	S7	0.825	0.000	P	6654.895	P	11787.928	P	5804.813	LOC_Os09g39000.1
DG _{HPU}	Os048525_01	S7	-1.237	-1.693	P	1408.192	P	597.589	P	1932.151	LOC_Os07g14750.1
DG _{HPU}	Os048668_01	S7	-1.822	0.000	P	1777.786	P	502.762	P	588.895	LOC_Os06g43740.1
DG _{HPU}	Os048713_01	S7	-0.970	0.000	P	382.862	P	195.520	P	414.664	LOC_Os11g27090.1
DG _{HPU}	Os048749_01	S7	0.795	0.000	P	1092.775	P	1895.666	P	1326.063	LOC_Os12g07560.1
DG _{HPU}	Os049190_01	S7	0.881	0.000	P	128.549	P	236.701	P	289.597	LOC_Os07g10850.1
DG _{HPU}	Os049394_01	S7	0.723	0.000	P	153.069	P	252.680	P	306.453	LOC_Os11g39760.1
DG _{HPU}	Os049505_01	S7	0.962	0.000	P	186.306	P	362.932	P	370.399	LOC_Os10g25250.1
DG _{HPU}	Os049578_01	S7	0.821	0.000	P	397.089	P	701.465	P	504.721	LOC_Os12g29820.1
DG _{HPU}	Os049802_01	S7	-1.175	0.000	P	428.942	P	189.974	P	239.597	-
DG _{HPU}	Os050009_01	S7	1.053	0.000	P	217.088	P	450.321	P	238.771	LOC_Os05g46160.1
DG _{HPU}	Os050487_01	S7	1.035	0.000	P	622.094	P	1274.670	P	459.063	-
DG _{HPU}	Os050700_01	S7	-1.099	-1.667	P	23630.680	P	11029.006	P	35030.463	LOC_Os10g21280.1
DG _{HPU}	Os050836_01	S7	0.746	0.000	P	5470.084	P	9175.003	P	4859.940	LOC_Os05g14230.1
DG _{HPU}	Os050879_01	S7	1.239	0.000	P	129.509	P	305.711	P	117.291	LOC_Os05g30470.1
DG _{HPU}	Os051138_01	S7	-0.990	0.000	P	1360.095	P	684.559	P	592.564	LOC_Os01g63830.1
DG _{HPU}	Os051609_01	S7	0.812	0.000	P	190.603	P	334.619	P	174.409	-
DG _{HPU}	Os051842_01	S7	0.830	0.000	P	8620.273	P	15321.174	P	7033.106	LOC_Os09g21140.1
DG _{HPU}	Os051892_01	S7	0.000	-1.431	P	24173.042	P	16316.900	P	43998.970	LOC_Os08g15149.1
DG _{HPU}	Os051896_01	S7	1.135	0.000	P	12117.279	P	26620.613	P	14023.130	LOC_Os07g11410.1
DG _{HPU}	Os051948_01	S7	-0.918	0.000	P	758.460	P	401.281	P	689.361	LOC_Os11g06720.1
DG _{HPU}	Os051949_01	S7	1.110	0.000	P	6156.702	P	13286.531	P	7422.592	LOC_Os06g31070.1
DG _{HPU}	Os051956_01	S7	-1.181	-1.482	P	2020.787	P	891.507	P	2490.618	LOC_Os07g37240.1
DG _{HPU}	Os051959_01	S7	-1.251	-1.872	P	3761.772	P	1580.215	P	5782.847	LOC_Os02g02400.1
DG _{HPU}	Os051970_01	S7	0.000	1.547	P	2250.607	P	2153.478	P	736.992	LOC_Os10g33800.1
DG _{HPU}	Os051980_01	S7	-0.829	0.000	P	788.600	P	443.845	P	1105.010	LOC_Os02g27030.1
DG _{HPU}	Os052018_01	S7	-1.101	-2.299	P	1126.538	P	525.092	P	2583.934	-
DG _{HPU}	Os052028_01	S7	-1.384	-2.008	P	434.493	P	166.477	P	669.684	LOC_Os12g23200.1

DG _{HPU}	Os052033_01	S7	-1.013	0.000	P	10326.811	P	5118.195	P	12522.676	-
DG _{HPU}	Os052036_01	S7	-0.854	0.000	P	658.022	P	364.162	P	225.319	LOC_Os10g40720.1
DG _{HPU}	Os052043_01	S7	0.000	-1.446	P	258.865	P	195.202	P	531.676	LOC_Os07g42370.2
DG _{HPU}	Os052050_01	S7	-1.319	0.000	P	5748.068	P	2304.296	P	2579.002	LOC_Os01g64960.1
DG _{HPU}	Os052069_01	S7	0.755	2.150	P	1419.356	P	2395.422	P	539.543	LOC_Os05g02060.1
DG _{HPU}	Os052079_01	S7	0.000	1.512	P	808.223	P	879.560	P	308.317	LOC_Os06g50300.1
DG _{HPU}	Os052085_01	S7	-0.797	-2.227	P	797.417	P	458.976	P	2149.041	LOC_Os07g25430.3
DG _{HPU}	Os052095_01	S7	-0.896	0.000	P	927.176	P	498.409	P	673.807	LOC_Os03g12290.1
DG _{HPU}	Os052124_01	S7	0.896	0.000	P	342.340	P	637.274	P	243.954	LOC_Os08g08970.1
DG _{HPU}	Os052126_01	S7	-1.022	0.000	P	792.304	P	390.105	P	696.243	LOC_Os08g41950.2
DG _{HPU}	Os052167_01	S7	0.000	-1.519	P	297.110	P	278.170	P	797.448	-
DG _{HPU}	Os052203_01	S7	0.753	0.000	P	301.865	P	508.586	P	831.403	LOC_Os03g07480.2
DG _{HPU}	Os052287_01	S7	0.000	1.763	P	2339.851	P	3336.873	P	983.343	LOC_Os05g34510.1
DG _{HPU}	Os052389_01	S7	0.815	0.000	P	467.116	P	821.730	P	670.376	LOC_Os03g29740.1
DG _{HPU}	Os052396_01	S7	0.000	1.579	P	2108.669	P	2145.629	P	718.057	LOC_Os05g01290.1
DG _{HPU}	Os052424_01	S7	0.000	1.547	P	495.675	P	545.144	P	186.562	LOC_Os12g13380.1
DG _{HPU}	Os052554_01	S7	0.000	-1.435	P	294.228	P	255.814	P	691.857	LOC_Os04g40600.1
DG _{HPU}	Os052654_01	S7	0.000	-1.499	P	203.381	P	194.558	P	549.929	LOC_Os07g09970.1
DG _{HPU}	Os052664_01	S7	0.000	-1.372	P	281.501	P	272.655	P	705.857	LOC_Os03g14570.2
DG _{HPU}	Os052960_01	S7	-0.861	0.000	P	412.481	P	227.142	P	331.077	LOC_Os01g12110.2
DG _{HPU}	Os053043_01	S7	0.926	0.000	P	117.237	P	222.827	P	198.939	LOC_Os05g39250.1
DG _{HPU}	Os053139_01	S7	1.308	0.000	P	6944.286	P	17194.662	P	9059.082	LOC_Os06g31060.1
DG _{HPU}	Os053243_01	S7	0.821	0.000	P	261.429	P	461.945	P	509.598	LOC_Os12g20310.1
DG _{HPU}	Os053270_01	S7	-0.932	0.000	P	1344.335	P	704.620	P	1051.449	LOC_Os01g03290.1
DG _{HPU}	Os053687_01	S7	0.000	-1.495	P	1140.949	P	796.383	P	2245.045	LOC_Os02g55400.1
DG _{HPU}	Os053817_01	S7	0.812	0.000	P	247.403	P	434.432	P	594.935	-
DG _{HPU}	Os054002_01	S7	0.820	0.000	P	3848.571	P	6792.339	P	2574.469	LOC_Os01g23790.1
DG _{HPU}	Os054366_01	S7	-1.575	-1.979	P	5576.455	P	1872.097	P	7382.008	LOC_Os12g19381.1
DG _{HPU}	Os054368_01	S7	-0.902	-2.203	P	19824.202	P	10608.475	P	48860.028	LOC_Os12g19394.1
DG _{HPU}	Os054371_01	S7	0.971	0.000	P	4217.595	P	8268.539	P	6075.684	LOC_Os02g15070.1
DG _{HPU}	Os054376_01	S7	1.250	0.000	P	14408.411	P	34273.979	P	32607.421	LOC_Os10g26060.1

DG _{HPU}	Os054395_01	S7	-0.966	0.000	P	657.521	P	336.695	P	458.940	LOC_Os02g41650.2
DG _{HPU}	Os054446_01	S7	0.000	-1.636	P	402.444	P	329.805	P	1024.750	LOC_Os07g01760.1
DG _{HPU}	Os054452_01	S7	-1.512	-2.226	P	863.822	P	302.982	P	1417.103	LOC_Os07g04840.1
DG _{HPU}	Os054458_01	S7	0.000	1.654	P	2663.745	P	2851.059	P	905.762	LOC_Os12g05050.1
DG _{HPU}	Os054459_01	S7	-1.392	-2.079	P	1225.726	P	466.918	P	1973.432	LOC_Os08g10020.2
DG _{HPU}	Os054509_01	S7	-0.892	-1.988	P	394.343	P	212.563	P	842.938	LOC_Os02g47020.1
DG _{HPU}	Os054522_01	S7	0.000	1.928	P	8444.469	P	12390.939	P	3255.302	LOC_Os02g15090.1
DG _{HPU}	Os054533_01	S7	0.000	-1.787	P	776.388	P	486.838	P	1680.548	LOC_Os03g56670.2
DG _{HPU}	Os054539_01	S7	0.000	-1.877	P	1917.313	P	1305.018	P	4794.652	LOC_Os09g30340.1
DG _{HPU}	Os054558_01	S7	0.000	1.938	P	6599.956	P	10276.372	P	2681.379	LOC_Os02g32660.1
DG _{HPU}	Os054559_01	S7	0.000	1.745	P	2448.730	P	3056.061	P	911.590	LOC_Os02g32660.1
DG _{HPU}	Os054580_01	S7	0.728	0.000	P	2300.309	P	3808.916	P	2415.051	LOC_Os10g32720.1
DG _{HPU}	Os054583_01	S7	-0.999	0.000	P	441.460	P	220.911	P	364.235	LOC_Os06g04270.1
DG _{HPU}	Os054607_01	S7	0.742	0.000	P	168.253	P	281.354	P	261.782	LOC_Os05g06780.1
DG _{HPU}	Os054616_01	S7	0.766	0.000	P	209.995	P	357.011	A	252.681	LOC_Os05g23860.1
DG _{HPU}	Os054630_01	S7	1.526	0.000	P	957.722	P	2758.752	P	1314.076	LOC_Os04g08270.1
DG _{HPU}	Os054635_01	S7	1.044	0.000	P	1009.825	P	2082.653	P	976.255	LOC_Os02g48480.1
DG _{HPU}	Os054639_01	S7	0.000	1.494	P	2837.059	P	4184.684	P	1485.614	LOC_Os10g25130.1
DG _{HPU}	Os054661_02	S7	0.000	-1.657	P	349.561	P	205.753	P	648.651	-
DG _{HPU}	Os054687_01	S7	0.000	2.206	P	4014.079	P	6205.527	P	1345.228	LOC_Os03g55090.1
DG _{HPU}	Os054746_01	S7	0.763	0.000	P	240.480	P	408.094	P	388.474	LOC_Os10g40780.2
DG _{HPU}	Os054779_01	S7	-0.981	0.000	P	356.560	P	180.639	P	221.499	LOC_Os01g13770.1
DG _{HPU}	Os054802_01	S7	-0.776	0.000	P	349.256	P	203.911	P	286.419	LOC_Os01g02940.4
DG _{HPU}	Os054859_01	S7	0.853	0.000	P	466.043	P	841.762	P	487.280	LOC_Os03g07226.2
DG _{HPU}	Os054867_01	S7	0.976	0.000	P	173.322	P	340.851	P	321.569	LOC_Os06g44190.1
DG _{HPU}	Os054912_01	S7	-1.048	0.000	P	4799.773	P	2320.687	P	5372.696	LOC_Os02g44108.1
DG _{HPU}	Os054914_01	S7	0.000	1.810	P	1032.878	P	1509.663	P	430.635	LOC_Os03g40440.1
DG _{HPU}	Os054939_01	S7	0.738	0.000	P	218.771	P	365.006	P	368.440	LOC_Os01g37560.3
DG _{HPU}	Os054951_01	S7	0.748	0.000	P	1520.243	P	2553.716	P	2087.988	LOC_Os01g50700.1
DG _{HPU}	Os055079_01	S7	-1.574	0.000	P	997.561	P	334.951	P	479.141	LOC_Os10g43060.1
DG _{HPU}	Os055090_01	S7	0.822	0.000	P	274.160	P	484.554	P	641.809	LOC_Os01g53700.1

DG _{HPU}	Os055093_01	S7	0.886	1.847	P	772.518	P	1428.020	P	396.917	LOC_Os04g41980.2
DG _{HPU}	Os055174_01	S7	0.848	1.739	P	1032.221	P	1857.550	P	556.390	LOC_Os10g29549.1
DG _{HPU}	Os055322_01	S7	0.000	1.571	P	4070.745	P	4878.670	P	1642.144	-
DG _{HPU}	Os055328_01	S7	0.788	0.000	P	491.236	P	848.260	P	872.716	LOC_Os03g58980.1
DG _{HPU}	Os055402_01	S7	0.000	1.493	P	373.458	P	512.868	P	182.203	LOC_Os11g31360.1
DG _{HPU}	Os055412_01	S7	0.000	1.505	P	32206.659	P	39844.179	P	14034.738	LOC_Os03g55734.1
DG _{HPU}	Os055450_01	S7	-0.809	0.000	P	2018.229	P	1152.207	P	849.863	LOC_Os03g12560.1
DG _{HPU}	Os055760_01	S7	0.000	1.574	P	748.041	P	1084.375	P	364.140	LOC_Os11g34390.1
DG _{HPU}	Os056135_01	S7	-1.607	0.000	P	2261.433	P	742.414	P	1019.507	LOC_Os10g13680.1
DG _{HPU}	Os056340_01	S7	0.926	1.683	P	644.696	P	1224.597	P	381.433	LOC_Os07g08420.1
DG _{HPU}	Os056402_01	S7	1.007	0.000	P	105.441	P	211.845	P	211.049	LOC_Os03g25430.1
DG _{HPU}	Os056527_01	S7	0.787	0.000	P	463.316	P	799.612	P	1145.025	-
DG _{HPU}	Os056701_01	S7	0.740	0.000	P	1078.527	P	1801.276	P	838.632	-
DG _{HPU}	Os056910_02	S7	-1.215	-1.541	P	3445.595	P	1483.780	P	4318.018	LOC_Os08g33820.1
DG _{HPU}	Os056921_02	S7	0.896	0.000	P	157.618	P	293.291	A	78.558	-
DG _{HPU}	Os057016_02	S7	0.000	-1.748	P	1520.432	P	1199.760	P	4029.776	-
DG _{HPU}	Os057164_02	S7	0.000	-1.414	A	118.219	P	199.270	P	530.940	LOC_Os07g10780.1
DG _{HPU}	Os057168_02	S7	0.766	0.000	P	237.779	P	404.273	P	479.102	-
DG _{HPU}	Os057254_02	S7	-1.027	-1.552	P	3874.080	P	1901.489	P	5574.375	-
DG _{HPU}	Os057343_02	S7	0.000	-1.405	P	390.999	P	353.602	P	936.138	LOC_Os03g01210.1
DG _{HPU}	Os057361_02	S7	0.739	0.000	P	199.587	P	333.188	P	370.941	-
DG _{HPU}	Os057480_02	S7	-1.077	0.000	P	4536.622	P	2150.685	P	1623.853	-
DG _{HPU}	Os057481_02	S7	0.000	-2.045	A	48.586	P	173.394	P	715.645	LOC_Os04g43390.1
DG _{HPU}	Os057552_02	S7	1.583	0.000	P	228.729	P	685.292	P	390.712	LOC_Os07g29760.1

DG category	GeneID	Tissue	log2(L/N)	log2(L/P)	N flag	N intens	L flag	L intens	P flag	P intens	log2(N/P)	TIGR5 ID
DG _O	Os000047_01	S1	0.000	0.944	P	450.813	P	253.701	P	131.838	1.774	-
DG _O	Os000258_01	S1	1.019	0.000	P	158.982	P	322.212	P	366.201	-1.204	LOC_Os02g51320.1
DG _O	Os000594_01	S1	1.144	0.000	P	409.067	P	904.214	P	1014.858	-1.311	LOC_Os04g29550.1
DG _O	Os000689_01	S1	0.000	0.830	P	388.427	P	278.771	P	156.791	1.309	LOC_Os02g32990.1
DG _O	Os000896_01	S1	0.000	1.089	P	559.446	P	392.030	P	184.281	1.602	LOC_Os01g67220.2

DG _o	Os000902_01	S1	0.000	1.212	P	517.527	P	497.745	P	214.892	1.268	LOC_Os03g53360.1
DG _o	Os001058_01	S1	0.000	2.311	P	1059.820	P	1230.114	P	247.920	2.096	LOC_Os07g10540.1
DG _o	Os001714_01	S1	0.000	0.894	P	421.843	P	306.341	P	164.859	1.355	LOC_Os08g02370.1
DG _o	Os001925_01	S1	0.000	0.995	P	495.900	P	295.835	P	148.398	1.741	LOC_Os06g03860.1
DG _o	Os001942_01	S1	1.162	0.000	P	4710.273	P	10542.619	P	11547.437	-1.294	-
DG _o	Os002024_01	S1	-0.934	0.000	P	833.721	P	436.279	P	310.708	1.424	LOC_Os01g69110.1
DG _o	Os002197_01	S1	0.000	3.483	P	1324.305	P	1508.359	P	134.928	3.295	LOC_Os01g63250.1
DG _o	Os002221_01	S1	-1.134	0.000	P	402.875	P	183.540	P	180.464	1.159	LOC_Os06g13280.1
DG _o	Os002233_01	S1	-1.163	1.082	P	682.767	P	304.986	P	144.044	2.245	-
DG _o	Os002678_01	S1	-1.773	0.000	P	3930.918	P	1150.031	P	1262.263	1.639	LOC_Os05g03920.1
DG _o	Os002898_01	S1	0.000	0.820	P	367.858	P	294.788	P	166.995	1.139	LOC_Os11g11330.1
DG _o	Os003650_01	S1	0.000	1.016	P	398.040	P	297.926	P	147.338	1.434	LOC_Os03g15740.1
DG _o	Os004301_01	S1	-1.157	0.000	P	401.623	P	180.128	P	150.419	1.417	LOC_Os05g07870.1
DG _o	Os004399_01	S1	-1.333	0.000	P	1035.240	P	410.999	P	424.879	1.285	LOC_Os02g40180.1
DG _o	Os005944_01	S1	-1.375	0.000	P	9786.161	P	3772.870	P	4178.792	1.228	LOC_Os04g51070.1
DG _o	Os006051_01	S1	0.000	-0.963	P	489.732	P	766.692	P	1494.345	-1.609	LOC_Os07g04480.1
DG _o	Os006128_01	S1	0.000	0.794	P	450.971	P	297.398	P	171.514	1.395	-
DG _o	Os006587_01	S1	0.000	1.932	P	914.366	P	994.293	P	260.538	1.811	-
DG _o	Os007729_01	S1	-0.938	0.000	P	533.984	P	278.677	P	180.918	1.561	LOC_Os09g29380.1
DG _o	Os008450_01	S1	0.000	1.327	P	1870.112	P	1299.194	P	517.827	1.853	LOC_Os01g67980.1
DG _o	Os008640_01	S1	-0.864	0.891	P	3854.051	P	2117.552	P	1142.229	1.755	LOC_Os02g32814.1
DG _o	Os008720_01	S1	3.038	-0.950	P	99.696	P	818.586	P	1581.209	-3.987	-
DG _o	Os008842_01	S1	-0.943	0.000	P	870.263	P	452.584	P	319.567	1.445	LOC_Os11g39020.1
DG _o	Os008886_01	S1	-0.925	0.000	P	461.600	P	243.036	P	210.965	1.130	LOC_Os11g10990.1
DG _o	Os008928_01	S1	0.000	1.089	P	386.760	P	362.513	P	170.405	1.182	LOC_Os03g59710.1
DG _o	Os008934_01	S1	0.000	0.827	P	728.756	P	486.996	P	274.503	1.409	LOC_Os02g15640.1
DG _o	Os009054_01	S1	1.288	0.000	P	232.160	P	566.924	P	568.276	-1.291	LOC_Os02g49790.1
DG _o	Os009529_01	S1	-0.866	0.000	P	435.757	P	239.115	P	195.673	1.155	LOC_Os10g40934.10
DG _o	Os009767_01	S1	-0.947	0.000	P	870.479	P	451.571	P	379.890	1.196	LOC_Os04g32270.2
DG _o	Os009904_01	S1	-1.029	0.000	P	2041.387	P	1000.171	P	782.862	1.383	LOC_Os07g07540.1
DG _o	Os010390_01	S1	0.000	0.803	P	441.758	P	325.170	P	186.315	1.246	LOC_Os05g48160.1

DG _o	Os010460_01	S1	0.000	1.254	P	842.853	P	836.939	P	351.031	1.264	-
DG _o	Os010823_01	S1	1.255	0.000	P	174.353	P	416.211	P	420.425	-1.270	LOC_Os01g29180.1
DG _o	Os010948_01	S1	-1.300	0.826	P	5351.654	P	2172.887	P	1225.654	2.126	LOC_Os03g03724.2
DG _o	Os010958_01	S1	2.084	0.000	P	10410.444	P	44140.317	P	26221.862	-1.333	LOC_Os06g11860.1
DG _o	Os011001_01	S1	-1.147	0.000	P	628.781	P	283.927	P	270.157	1.219	LOC_Os05g46480.4
DG _o	Os0111314_01	S1	1.309	0.000	P	122.346	P	303.207	P	338.620	-1.469	LOC_Os06g08910.3
DG _o	Os011344_01	S1	0.000	1.125	P	1080.729	P	881.183	P	404.015	1.420	-
DG _o	Os011820_01	S1	2.356	0.000	P	103.607	P	530.261	P	558.188	-2.430	-
DG _o	Os012152_01	S1	-1.204	0.000	P	1190.163	P	516.647	P	377.237	1.658	LOC_Os01g18800.1
DG _o	Os012218_01	S1	-1.163	1.193	P	1745.023	P	779.485	P	340.823	2.356	LOC_Os02g41550.3
DG _o	Os012425_01	S1	1.167	0.000	P	91.580	P	205.630	P	223.725	-1.289	-
DG _o	Os012547_01	S1	-1.211	0.867	P	1004.468	P	433.879	P	237.912	2.078	LOC_Os02g10350.1
DG _o	Os012571_01	S1	-0.967	0.000	P	384.171	P	196.588	P	150.932	1.348	LOC_Os05g05590.1
DG _o	Os012646_01	S1	0.000	0.962	P	1207.045	P	786.096	P	403.430	1.581	LOC_Os08g28730.1
DG _o	Os012664_01	S1	-1.121	0.000	P	995.061	P	457.350	P	321.393	1.630	LOC_Os02g52650.1
DG _o	Os012670_01	S1	0.000	0.901	P	756.131	P	640.005	P	342.730	1.142	LOC_Os04g33310.1
DG _o	Os013156_01	S1	-0.961	0.000	P	512.843	P	263.482	P	195.587	1.391	LOC_Os03g62240.1
DG _o	Os013279_01	S1	-1.403	0.000	P	862.909	P	326.256	P	315.496	1.452	LOC_Os07g35480.3
DG _o	Os013532_01	S1	-1.318	0.000	P	1290.829	P	517.750	P	354.659	1.864	LOC_Os01g55094.2
DG _o	Os013652_01	S1	0.000	0.893	P	953.492	P	621.192	P	334.578	1.511	LOC_Os04g51120.1
DG _o	Os013718_01	S1	-0.915	0.000	P	592.100	P	314.063	P	218.810	1.436	LOC_Os07g31850.1
DG _o	Os013723_01	S1	-1.054	0.000	P	493.883	P	237.838	P	190.337	1.376	LOC_Os03g62370.1
DG _o	Os013959_01	S1	-0.896	0.000	P	1436.509	P	772.203	P	653.320	1.137	LOC_Os01g31870.1
DG _o	Os014085_01	S1	1.450	0.000	P	206.733	P	564.854	P	610.746	-1.563	-
DG _o	Os014289_01	S1	1.464	0.000	P	99.232	P	273.685	P	341.221	-1.782	LOC_Os07g26000.1
DG _o	Os014364_01	S1	1.207	0.000	P	158.973	P	367.012	P	528.587	-1.733	LOC_Os01g45914.1
DG _o	Os014522_01	S1	-0.965	0.000	P	1165.401	P	596.998	P	467.530	1.318	LOC_Os08g14450.1
DG _o	Os014557_01	S1	1.618	0.000	P	183.180	P	562.076	P	559.693	-1.611	LOC_Os03g22620.1
DG _o	Os014887_01	S1	1.651	0.000	P	194.991	P	612.259	P	859.407	-2.140	LOC_Os04g25740.1
DG _o	Os015021_01	S1	-1.363	0.000	P	1861.891	P	724.098	P	609.587	1.611	LOC_Os10g29502.1
DG _o	Os015562_01	S1	-1.279	0.000	P	697.990	P	287.546	P	281.731	1.309	LOC_Os12g05730.1

DG _o	Os015693_01	S1	1.059	0.000	P	475.684	P	991.148	P	1134.704	-1.254	LOC_Os10g11354.1
DG _o	Os015744_01	S1	-0.906	0.000	P	681.351	P	363.639	P	260.106	1.389	LOC_Os04g54790.1
DG _o	Os016542_01	S1	-0.892	0.000	P	790.105	P	425.726	P	299.675	1.399	LOC_Os05g14270.1
DG _o	Os016689_01	S1	0.000	1.301	P	656.576	P	412.027	P	167.176	1.974	LOC_Os08g01514.1
DG _o	Os016738_01	S1	-0.948	0.000	P	428.547	P	222.191	P	176.185	1.282	LOC_Os02g28900.1
DG _o	Os016966_01	S1	0.000	0.915	P	9418.272	P	6536.519	P	3466.939	1.442	LOC_Os04g32850.2
DG _o	Os017372_01	S1	-1.282	0.000	P	547.300	P	224.989	P	176.878	1.630	LOC_Os11g45720.1
DG _o	Os017668_01	S1	-1.135	0.000	P	403.846	P	183.877	P	136.629	1.564	LOC_Os05g47442.1
DG _o	Os018865_01	S1	-0.917	0.000	P	1078.773	P	571.220	P	420.235	1.360	-
DG _o	Os018984_01	S1	-0.892	0.000	P	728.793	P	392.810	P	252.029	1.532	LOC_Os06g03600.2
DG _o	Os019083_01	S1	0.000	1.164	P	370.038	P	329.987	P	147.238	1.330	LOC_Os05g22960.1
DG _o	Os019163_01	S1	-1.318	0.000	P	5798.130	P	2325.419	P	1938.652	1.581	LOC_Os01g08560.2
DG _o	Os019366_01	S1	0.000	0.938	P	496.568	P	361.001	P	188.468	1.398	LOC_Os03g13590.1
DG _o	Os019413_01	S1	-1.440	0.000	P	4021.955	P	1482.302	P	1058.172	1.926	LOC_Os07g49110.1
DG _o	Os019560_01	S1	1.395	0.000	P	117.374	P	308.776	P	314.552	-1.422	LOC_Os10g03850.1
DG _o	Os019665_01	S1	-0.886	0.930	P	1853.723	P	1003.409	P	526.652	1.816	-
DG _o	Os019688_01	S1	-1.007	0.000	P	4389.057	P	2183.423	P	1975.435	1.152	LOC_Os04g02820.2
DG _o	Os019935_01	S1	0.000	0.890	P	890.251	P	662.130	P	357.258	1.317	LOC_Os05g48700.1
DG _o	Os019937_01	S1	1.853	-0.796	P	239.398	P	864.682	P	1501.364	-2.649	LOC_Os10g03750.1
DG _o	Os020077_01	S1	0.000	0.877	P	1673.338	P	1389.619	P	756.789	1.145	LOC_Os07g37800.1
DG _o	Os020281_01	S1	-0.938	0.000	P	2197.120	P	1147.097	P	916.115	1.262	LOC_Os03g64130.1
DG _o	Os020332_01	S1	-0.859	0.000	P	1129.825	P	622.857	P	400.861	1.495	LOC_Os03g47580.1
DG _o	Os020445_01	S1	-0.885	0.000	P	1133.251	P	613.840	P	447.670	1.340	LOC_Os06g43210.1
DG _o	Os020872_01	S1	0.000	0.914	P	432.553	P	304.069	P	161.410	1.422	LOC_Os01g72870.2
DG _o	Os021073_01	S1	1.020	0.000	P	994.449	P	2016.143	P	2564.343	-1.367	LOC_Os02g39000.1
DG _o	Os021479_01	S1	1.971	0.000	P	78.898	P	309.280	P	299.695	-1.925	LOC_Os04g09654.1
DG _o	Os022964_01	S1	-0.950	0.000	P	482.605	P	249.773	P	200.499	1.267	LOC_Os06g28060.1
DG _o	Os023514_01	S1	-0.953	0.842	P	1908.699	P	985.749	P	549.922	1.795	LOC_Os05g35050.1
DG _o	Os023881_01	S1	1.384	0.000	P	130.789	P	341.301	P	371.086	-1.505	LOC_Os03g53690.1
DG _o	Os024086_01	S1	-1.461	0.000	P	1622.368	P	589.174	P	668.320	1.279	LOC_Os10g25310.1
DG _o	Os024737_01	S1	1.723	0.000	P	116.011	P	382.861	P	271.857	-1.229	LOC_Os01g01660.1

DG _o	Os025501_01	S1	1.338	0.000	P	170.295	P	430.653	P	491.452	-1.529	LOC_Os04g48410.1
DG _o	Os025786_01	S1	-0.883	0.000	P	400.040	P	216.903	P	156.076	1.358	-
DG _o	Os028048_01	S1	3.841	-0.730	P	155.028	P	2221.735	P	3685.582	-4.571	LOC_Os09g16300.1
DG _o	Os028344_01	S1	-1.010	0.000	P	560.207	P	278.166	P	220.980	1.342	LOC_Os01g45970.1
DG _o	Os029140_01	S1	0.000	0.849	P	952.462	P	678.873	P	376.907	1.337	LOC_Os08g01520.1
DG _o	Os029722_01	S1	-0.941	0.000	P	1899.630	P	989.603	P	811.223	1.228	LOC_Os05g03600.1
DG _o	Os030307_01	S1	1.031	0.000	P	122.520	P	250.417	P	310.064	-1.340	LOC_Os07g36510.1
DG _o	Os030378_01	S1	0.000	-0.668	P	727.480	P	1307.267	P	2077.640	-1.514	LOC_Os06g09390.2
DG _o	Os030806_01	S1	1.084	0.000	P	1162.232	P	2463.721	P	2690.285	-1.211	-
DG _o	Os031446_01	S1	1.401	0.000	P	239.387	P	632.194	P	665.117	-1.474	-
DG _o	Os031447_01	S1	1.199	-0.655	P	106.127	P	243.569	P	383.522	-1.854	LOC_Os01g34940.1
DG _o	Os031968_01	S1	1.104	-0.656	P	130.321	P	280.149	P	441.502	-1.760	LOC_Os01g60520.1
DG _o	Os033744_01	S1	1.054	0.000	P	149.056	P	309.381	P	342.573	-1.201	LOC_Os03g05450.1
DG _o	Os033846_01	S1	1.508	-1.046	P	118.698	P	337.538	P	696.752	-2.553	LOC_Os03g51570.1
DG _o	Os034452_01	S1	0.000	0.898	P	429.609	P	294.928	P	158.291	1.440	LOC_Os09g02350.1
DG _o	Os034533_01	S1	1.134	0.000	P	124.307	P	272.827	P	290.160	-1.223	LOC_Os05g12270.1
DG _o	Os035905_01	S1	-1.138	0.000	P	920.492	P	418.128	P	320.194	1.523	LOC_Os11g39020.1
DG _o	Os036131_01	S1	1.727	0.000	P	766.216	P	2537.060	P	1892.482	-1.304	-
DG _o	Os036357_01	S1	1.043	0.000	P	195.919	P	403.655	P	473.154	-1.272	-
DG _o	Os036402_01	S1	1.726	-1.246	P	319.259	P	1056.313	P	2506.206	-2.973	-
DG _o	Os036725_01	S1	1.528	0.000	P	209.911	P	605.156	P	623.869	-1.571	-
DG _o	Os038123_01	S1	-1.561	0.000	P	690.171	P	233.926	P	257.266	1.424	LOC_Os09g09630.1
DG _o	Os039822_01	S1	1.504	0.000	P	435.779	P	1235.731	P	1807.529	-2.052	LOC_Os10g10260.1
DG _o	Os039861_01	S1	-1.082	0.000	P	410.545	P	193.872	P	151.802	1.435	LOC_Os11g42490.1
DG _o	Os039877_01	S1	1.389	0.000	P	179.023	P	469.005	P	619.201	-1.790	-
DG _o	Os040035_01	S1	0.000	0.888	P	1064.551	P	812.026	P	438.711	1.279	-
DG _o	Os040133_01	S1	1.028	-0.657	P	139.654	P	284.811	P	449.148	-1.685	LOC_Os08g37050.1
DG _o	Os040593_01	S1	0.000	0.973	P	502.467	P	376.674	P	191.851	1.389	LOC_Os01g34614.1
DG _o	Os040850_01	S1	0.000	0.832	P	322.453	P	214.407	P	120.472	1.420	LOC_Os03g30040.1
DG _o	Os041041_01	S1	1.009	0.000	P	171.522	P	345.170	P	404.729	-1.239	LOC_Os03g05600.1
DG _o	Os041269_01	S1	1.348	0.000	P	169.270	P	430.812	P	437.888	-1.371	LOC_Os10g01500.1

DG ₀	Os042647_01	S1	0.000	1.065	P	556.673	P	399.291	P	190.886	1.544	LOC_Os07g03620.1
DG ₀	Os043567_01	S1	1.111	0.000	P	191.872	P	414.401	P	535.369	-1.480	LOC_Os11g17040.1
DG ₀	Os043831_01	S1	1.459	0.000	P	98.905	P	271.974	P	251.498	-1.346	-
DG ₀	Os043894_01	S1	1.534	0.000	P	117.549	P	340.427	P	467.084	-1.990	LOC_Os12g31000.1
DG ₀	Os043923_01	S1	2.242	-0.816	P	217.861	P	1030.795	P	1814.490	-3.058	LOC_Os02g27160.1
DG ₀	Os044196_01	S1	1.307	-0.724	P	308.682	P	763.698	P	1261.448	-2.031	LOC_Os05g32650.1
DG ₀	Os044283_01	S1	2.519	0.000	P	297.732	P	1705.974	P	2389.160	-3.004	-
DG ₀	Os045347_01	S1	3.053	0.000	P	195.087	P	1618.575	P	1676.094	-3.103	LOC_Os06g18120.1
DG ₀	Os045565_01	S1	2.207	0.000	P	138.581	P	639.684	P	586.593	-2.082	LOC_Os10g09630.1
DG ₀	Os046160_01	S1	-1.046	0.000	P	553.072	P	267.945	P	237.917	1.217	LOC_Os07g32440.1
DG ₀	Os046600_01	S1	1.404	0.000	P	264.388	P	699.759	P	718.110	-1.442	-
DG ₀	Os047443_01	S1	0.000	0.837	P	757.551	P	557.616	P	312.214	1.279	LOC_Os05g18050.1
DG ₀	Os051892_01	S1	-0.984	0.000	P	29094.231	P	14709.384	P	12238.363	1.249	LOC_Os08g15149.1
DG ₀	Os051974_01	S1	0.000	-1.279	P	1010.525	P	1083.530	P	2629.904	-1.380	LOC_Os01g03360.1
DG ₀	Os052235_01	S1	0.000	1.005	P	663.146	P	512.518	P	255.321	1.377	LOC_Os03g24580.1
DG ₀	Os052266_01	S1	0.000	-0.655	P	125.777	P	208.957	P	328.989	-1.387	LOC_Os01g40860.1
DG ₀	Os052281_01	S1	-1.178	0.000	P	6638.018	P	2934.571	P	2573.311	1.367	LOC_Os07g46460.1
DG ₀	Os052610_01	S1	1.288	0.000	P	103.557	P	252.895	P	240.721	-1.217	LOC_Os06g18670.1
DG ₀	Os052960_01	S1	0.000	-1.311	P	230.463	P	330.131	P	819.346	-1.830	LOC_Os01g12110.2
DG ₀	Os053065_01	S1	0.000	1.035	P	505.074	P	302.239	P	147.466	1.776	LOC_Os01g06530.1
DG ₀	Os053489_01	S1	1.060	0.000	P	232.261	P	484.089	P	730.740	-1.654	LOC_Os11g17480.1
DG ₀	Os054493_01	S1	1.059	0.000	P	624.814	P	1301.405	P	1417.749	-1.182	LOC_Os03g22810.1
DG ₀	Os054592_01	S1	1.185	0.000	P	658.599	P	1497.410	P	1875.829	-1.510	LOC_Os05g06310.1
DG ₀	Os054598_01	S1	1.559	0.000	P	157.898	P	465.191	P	621.687	-1.977	LOC_Os01g07310.1
DG ₀	Os054626_01	S1	1.016	0.000	P	221.332	P	447.619	P	667.360	-1.592	LOC_Os03g22810.1
DG ₀	Os054660_01	S1	-1.263	0.000	P	3095.774	P	1289.592	P	975.786	1.666	LOC_Os04g41560.2
DG ₀	Os054700_01	S1	-1.401	0.000	P	1255.861	P	475.687	P	380.561	1.722	LOC_Os07g44330.2
DG ₀	Os055024_01	S1	-1.042	0.000	P	733.388	P	356.084	P	277.515	1.402	LOC_Os04g53310.1
DG ₀	Os055176_01	S1	0.000	0.815	P	791.054	P	547.588	P	311.328	1.345	LOC_Os07g33630.1
DG ₀	Os055586_01	S1	1.113	0.000	P	116.033	P	250.983	P	262.572	-1.178	LOC_Os01g15290.2
DG ₀	Os055842_01	S1	1.196	0.000	P	534.933	P	1225.924	P	1764.901	-1.722	LOC_Os01g54800.1

DG _o	Os056918_02	S1	-2.514	0.000	P	1838.523	P	321.838	P	414.269	2.150	LOC_Os01g13690.1
DG _o	Os000040_01	S2	0.000	1.335	P	4812.716	P	4390.947	P	1740.724	1.467	LOC_Os01g65440.1
DG _o	Os000060_01	S2	-1.126	0.000	P	680.971	P	312.116	P	223.071	1.610	LOC_Os02g42700.1
DG _o	Os000128_01	S2	0.000	1.166	P	869.707	P	716.846	P	319.509	1.445	LOC_Os06g12740.1
DG _o	Os000149_01	S2	0.829	0.000	P	393.932	P	699.713	P	831.599	-1.078	LOC_Os03g51960.1
DG _o	Os000311_01	S2	1.047	0.000	P	151.402	P	312.723	P	352.956	-1.221	LOC_Os03g49170.1
DG _o	Os000431_01	S2	0.000	-1.003	P	8539.232	P	9276.806	P	18598.622	-1.123	LOC_Os01g68300.1
DG _o	Os000594_01	S2	1.574	0.000	P	137.948	P	410.795	P	535.090	-1.956	LOC_Os04g29550.1
DG _o	Os001058_01	S2	0.808	0.000	P	362.058	P	633.818	P	725.519	-1.003	LOC_Os07g10540.1
DG _o	Os001104_01	S2	0.000	1.045	P	1260.572	P	805.550	P	390.450	1.691	LOC_Os01g46700.1
DG _o	Os001131_01	S2	0.725	0.000	P	215.041	P	355.438	P	441.124	-1.037	LOC_Os07g43900.1
DG _o	Os001521_01	S2	-2.392	0.989	P	1340.908	P	255.516	P	128.701	3.381	LOC_Os08g37140.1
DG _o	Os001920_01	S2	0.000	2.399	P	5705.724	P	3740.308	P	709.175	3.008	LOC_Os02g41580.1
DG _o	Os001988_01	S2	0.000	0.854	P	271.466	P	183.760	P	101.698	1.416	LOC_Os02g29190.1
DG _o	Os002004_01	S2	0.807	0.000	P	231.570	P	405.193	P	465.141	-1.006	LOC_Os11g11810.1
DG _o	Os002304_01	S2	0.000	-0.854	P	546.554	P	728.736	P	1316.942	-1.269	LOC_Os02g13060.1
DG _o	Os002341_01	S2	0.875	0.000	P	374.491	P	686.692	P	918.091	-1.294	LOC_Os11g09010.2
DG _o	Os002373_01	S2	0.000	-0.680	P	239.599	P	305.573	P	489.469	-1.031	LOC_Os10g40390.1
DG _o	Os002390_01	S2	0.000	1.112	P	9821.673	P	5838.526	P	2700.499	1.863	LOC_Os07g05360.1
DG _o	Os002419_01	S2	0.000	-0.674	P	170.632	P	223.383	P	356.318	-1.062	LOC_Os08g05530.1
DG _o	Os002658_01	S2	-0.911	0.000	P	485.897	P	258.337	P	166.519	1.545	LOC_Os02g03530.1
DG _o	Os003185_01	S2	0.841	-0.768	P	109.873	P	196.816	P	335.239	-1.609	LOC_Os03g08640.1
DG _o	Os003390_01	S2	0.768	-0.687	P	412.598	P	702.629	P	1131.117	-1.455	LOC_Os05g32390.1
DG _o	Os003434_01	S2	-1.450	0.000	P	595.983	P	218.169	P	223.901	1.412	LOC_Os03g48170.1
DG _o	Os004249_01	S2	0.000	1.641	P	462.328	P	400.687	P	128.456	1.848	LOC_Os11g47140.1
DG _o	Os004343_01	S2	0.996	0.000	P	219.900	P	438.601	P	583.246	-1.407	LOC_Os06g14030.1
DG _o	Os004399_01	S2	0.000	2.316	P	1562.590	P	980.961	P	197.025	2.987	LOC_Os02g40180.1
DG _o	Os005136_01	S2	0.000	-0.684	P	173.741	P	260.654	P	418.890	-1.270	LOC_Os04g31120.6
DG _o	Os005767_01	S2	0.000	-0.650	P	18623.435	P	24846.606	P	38981.765	-1.066	LOC_Os02g47744.4
DG _o	Os006506_01	S2	1.002	0.000	P	143.393	P	287.222	P	356.571	-1.314	LOC_Os02g06290.1
DG _o	Os008169_01	S2	-1.221	1.080	P	1563.154	P	670.691	P	317.158	2.301	LOC_Os02g40240.2

DG _o	Os008400_01	S2	-0.877	0.000	P	1263.825	P	688.378	P	473.356	1.417	LOC_Os02g57720.1
DG _o	Os008441_01	S2	0.000	0.929	P	620.052	P	395.600	P	207.758	1.577	LOC_Os03g49190.1
DG _o	Os008529_01	S2	1.468	0.000	P	229.908	P	635.877	P	828.697	-1.850	LOC_Os07g02210.2
DG _o	Os008556_01	S2	0.000	-0.644	P	3047.467	P	3908.624	P	6109.320	-1.003	LOC_Os02g44630.2
DG _o	Os008853_01	S2	0.000	-0.766	P	227.477	P	310.795	P	528.388	-1.216	LOC_Os06g10620.1
DG _o	Os008934_01	S2	0.000	-0.749	P	246.582	P	373.254	P	627.401	-1.347	LOC_Os02g15640.1
DG _o	Os008961_01	S2	0.746	0.000	P	277.846	P	465.851	P	601.809	-1.115	-
DG _o	Os009024_01	S2	0.000	-0.754	P	552.643	P	785.035	P	1324.264	-1.261	LOC_Os07g08710.2
DG _o	Os009220_01	S2	1.034	0.000	P	161.893	P	331.437	P	351.755	-1.120	LOC_Os03g50210.1
DG _o	Os009234_01	S2	0.819	0.000	P	2640.032	P	4656.287	P	6056.968	-1.198	LOC_Os08g06530.1
DG _o	Os009448_01	S2	0.756	0.000	P	5892.618	P	9950.476	P	14471.962	-1.296	LOC_Os08g02630.1
DG _o	Os009500_01	S2	0.996	0.000	P	158.325	P	315.838	P	367.741	-1.216	LOC_Os08g32850.2
DG _o	Os009518_01	S2	0.803	0.000	P	5031.132	P	8775.875	P	11337.086	-1.172	LOC_Os01g73250.1
DG _o	Os009547_01	S2	1.025	0.000	P	180.377	P	367.108	P	407.847	-1.177	LOC_Os01g13570.1
DG _o	Os009592_01	S2	0.976	0.000	P	505.379	P	994.172	P	1375.536	-1.445	LOC_Os05g40180.1
DG _o	Os009657_01	S2	1.362	0.000	P	512.905	P	1318.564	P	1903.777	-1.892	LOC_Os08g01140.1
DG _o	Os010073_01	S2	2.043	0.000	P	284.179	P	1170.810	P	1613.195	-2.505	LOC_Os07g40986.1
DG _o	Os010136_01	S2	0.000	1.554	P	778.352	P	537.416	P	182.994	2.089	LOC_Os11g06730.1
DG _o	Os010147_01	S2	0.000	1.348	P	4786.666	P	4871.167	P	1913.979	1.322	LOC_Os12g43670.1
DG _o	Os010292_01	S2	0.000	-1.508	P	2170.424	P	1780.101	P	5064.050	-1.222	LOC_Os07g04960.1
DG _o	Os010652_01	S2	-1.182	0.000	P	1054.527	P	464.902	P	350.553	1.589	-
DG _o	Os010733_01	S2	0.000	-0.738	P	176.158	P	247.110	P	412.185	-1.226	-
DG _o	Os010825_01	S2	0.953	0.000	P	112.283	P	217.298	P	270.836	-1.270	LOC_Os03g46640.2
DG _o	Os010912_01	S2	0.000	1.045	P	520.237	P	369.368	P	179.058	1.539	LOC_Os06g23870.1
DG _o	Os011230_01	S2	0.000	1.280	P	407.785	P	396.186	P	163.107	1.322	LOC_Os08g10570.2
DG _o	Os011344_01	S2	-1.205	0.951	P	1173.029	P	508.933	P	263.304	2.155	-
DG _o	Os011457_01	S2	1.051	0.000	P	294.959	P	610.987	P	613.299	-1.056	LOC_Os05g47880.1
DG _o	Os011561_01	S2	-1.602	0.000	P	1317.873	P	434.274	P	473.769	1.476	LOC_Os09g10340.1
DG _o	Os012005_01	S2	-0.803	1.414	P	1121.626	P	642.771	P	241.186	2.217	LOC_Os03g58640.1
DG _o	Os012415_01	S2	0.744	0.000	P	507.730	P	850.209	P	1142.878	-1.171	LOC_Os03g57310.1
DG _o	Os012754_01	S2	0.000	0.823	P	240.610	P	176.230	P	99.651	1.272	LOC_Os03g45400.1

DG _o	Os013058_01	S2	-0.799	0.000	P	379.223	P	217.885	P	125.085	1.600	LOC_Os04g05010.1
DG _o	Os013285_01	S2	-1.045	0.000	P	546.769	P	264.909	P	185.422	1.560	LOC_Os04g46740.1
DG _o	Os013356_01	S2	1.962	0.000	P	240.144	P	935.682	P	1157.535	-2.269	LOC_Os07g40974.1
DG _o	Os013447_01	S2	-0.929	0.000	P	321.951	P	169.130	P	122.831	1.390	LOC_Os02g34600.1
DG _o	Os013541_01	S2	2.081	0.000	P	134.176	P	567.656	P	705.633	-2.395	LOC_Os10g22510.1
DG _o	Os014164_01	S2	1.635	0.000	P	148.740	P	462.044	P	468.524	-1.655	LOC_Os04g57700.2
DG _o	Os014195_01	S2	-0.881	0.000	P	354.018	P	192.287	P	137.672	1.363	-
DG _o	Os014307_01	S2	0.000	0.933	P	809.647	P	499.643	P	261.652	1.630	LOC_Os07g32630.1
DG _o	Os014603_01	S2	-1.119	0.000	P	786.333	P	362.003	P	237.318	1.728	LOC_Os01g55870.1
DG _o	Os015095_01	S2	1.508	0.000	P	182.352	P	518.699	P	450.245	-1.304	LOC_Os01g73450.1
DG _o	Os015144_01	S2	-2.107	0.000	P	12387.772	P	2874.631	P	2017.614	2.618	LOC_Os03g26650.2
DG _o	Os015656_01	S2	1.063	0.000	P	304.908	P	636.986	P	915.257	-1.586	LOC_Os07g41280.3
DG _o	Os015718_01	S2	-1.135	0.000	P	399.363	P	181.877	P	143.953	1.472	LOC_Os11g05740.1
DG _o	Os015750_01	S2	2.726	0.000	P	88.004	P	582.127	P	669.256	-2.927	LOC_Os10g42870.1
DG _o	Os016132_01	S2	1.268	-0.823	P	176.172	P	424.215	P	750.238	-2.090	LOC_Os04g14190.1
DG _o	Os016309_01	S2	0.869	0.000	P	710.810	P	1297.788	P	1626.077	-1.194	LOC_Os10g28360.1
DG _o	Os016453_01	S2	-1.101	0.000	P	340.185	P	158.644	P	138.843	1.293	LOC_Os06g36210.1
DG _o	Os016841_01	S2	-0.985	0.000	P	946.330	P	478.009	P	283.504	1.739	LOC_Os07g33650.3
DG _o	Os017372_01	S2	-1.067	1.335	P	1425.861	P	680.567	P	269.731	2.402	LOC_Os11g45720.1
DG _o	Os017433_01	S2	-2.615	3.389	P	18899.282	P	3084.458	P	294.415	6.004	LOC_Os02g51570.1
DG _o	Os017568_01	S2	0.000	1.139	P	395.621	P	290.265	P	131.761	1.586	LOC_Os03g43590.1
DG _o	Os017704_01	S2	-1.506	0.943	P	659.308	P	232.111	P	120.732	2.449	LOC_Os02g07200.3
DG _o	Os018221_01	S2	0.000	-1.649	P	930.686	P	814.782	P	2554.555	-1.457	-
DG _o	Os018264_01	S2	-2.399	0.000	P	2501.313	P	474.389	P	378.456	2.724	LOC_Os08g41320.1
DG _o	Os018414_01	S2	0.000	1.272	P	3151.130	P	2484.985	P	1029.023	1.615	LOC_Os07g28910.1
DG _o	Os019000_01	S2	0.000	0.987	P	301.864	P	225.901	P	113.976	1.405	LOC_Os08g02250.1
DG _o	Os019163_01	S2	-0.811	0.000	P	1920.132	P	1094.379	P	680.024	1.498	LOC_Os01g08560.2
DG _o	Os019169_01	S2	0.000	0.912	P	1511.350	P	1065.184	P	566.020	1.417	LOC_Os10g02630.1
DG _o	Os019869_01	S2	0.000	0.913	P	3050.250	P	2076.842	P	1103.340	1.467	LOC_Os01g61460.1
DG _o	Os019947_01	S2	-0.990	1.076	P	382.073	P	192.382	P	91.256	2.066	LOC_Os11g12050.2
DG _o	Os020208_01	S2	0.000	0.961	P	244.063	P	176.379	P	90.619	1.429	LOC_Os05g11730.1

DG ₀	Os020291_01	S2	-1.093	0.000	P	1715.420	P	804.275	P	702.917	1.287	LOC_Os09g24640.1
DG ₀	Os020363_01	S2	-1.181	0.840	P	568.489	P	250.688	P	140.027	2.021	LOC_Os02g21260.1
DG ₀	Os020706_01	S2	0.000	1.028	P	357.544	P	226.507	P	111.097	1.686	LOC_Os02g18660.1
DG ₀	Os020946_01	S2	0.000	1.201	P	386.400	P	258.414	P	112.409	1.781	LOC_Os11g09180.2
DG ₀	Os021187_01	S2	0.000	-0.920	P	976.065	P	1491.443	P	2822.543	-1.532	LOC_Os03g49260.1
DG ₀	Os021870_01	S2	1.578	0.000	P	279.100	P	833.458	P	979.585	-1.811	LOC_Os07g41060.1
DG ₀	Os023487_01	S2	0.000	1.183	P	304.374	P	288.438	P	127.008	1.261	LOC_Os03g25490.1
DG ₀	Os023616_01	S2	0.000	1.105	P	404.420	P	296.069	P	137.681	1.555	LOC_Os06g46740.1
DG ₀	Os023652_01	S2	0.000	0.871	P	422.626	P	245.649	P	134.311	1.654	LOC_Os04g52750.1
DG ₀	Os023830_01	S2	0.000	0.827	P	1067.107	P	778.852	P	438.974	1.281	LOC_Os02g40800.1
DG ₀	Os023918_01	S2	-0.864	0.000	P	652.126	P	358.304	P	216.143	1.593	LOC_Os05g12670.1
DG ₀	Os024274_01	S2	2.069	-0.674	P	309.280	P	1298.038	P	2070.646	-2.743	LOC_Os08g07100.1
DG ₀	Os024276_01	S2	1.817	0.000	P	1572.331	P	5541.021	P	3478.361	-1.146	-
DG ₀	Os024393_01	S2	0.000	1.164	P	812.917	P	566.814	P	252.925	1.684	LOC_Os01g14960.1
DG ₀	Os024723_01	S2	0.000	0.859	P	1498.227	P	923.793	P	509.186	1.557	LOC_Os11g05490.1
DG ₀	Os024982_01	S2	0.000	0.972	P	2184.603	P	1292.585	P	658.935	1.729	LOC_Os08g05480.1
DG ₀	Os025974_01	S2	-1.378	0.000	P	1127.359	P	433.648	P	449.556	1.326	LOC_Os03g53060.1
DG ₀	Os026160_01	S2	-0.966	0.000	P	579.118	P	296.430	P	241.256	1.263	LOC_Os01g14650.1
DG ₀	Os026172_01	S2	0.000	-0.843	P	614.065	P	732.591	P	1314.373	-1.098	LOC_Os03g19170.1
DG ₀	Os026390_01	S2	0.902	0.000	P	309.343	P	578.039	P	676.560	-1.129	LOC_Os05g25040.2
DG ₀	Os027934_01	S2	0.864	-0.675	P	131.838	P	239.972	P	383.099	-1.539	LOC_Os06g06270.1
DG ₀	Os028157_01	S2	-0.992	0.980	P	1172.796	P	589.610	P	299.020	1.972	LOC_Os10g32110.1
DG ₀	Os028680_01	S2	2.504	-0.689	P	179.856	P	1020.396	P	1645.210	-3.193	LOC_Os07g06100.1
DG ₀	Os028705_01	S2	0.943	0.000	P	237.199	P	455.974	P	502.982	-1.084	LOC_Os05g09400.1
DG ₀	Os028782_01	S2	0.000	-0.908	P	312.915	P	361.409	P	678.065	-1.116	LOC_Os11g12810.1
DG ₀	Os028807_01	S2	0.000	1.453	P	774.496	P	494.815	P	180.762	2.099	-
DG ₀	Os029109_01	S2	0.000	1.298	P	469.463	P	356.053	P	144.844	1.697	LOC_Os12g01720.1
DG ₀	Os029140_01	S2	0.000	-1.084	P	783.868	P	862.923	P	1829.168	-1.223	LOC_Os08g01520.1
DG ₀	Os029823_01	S2	0.000	0.874	P	813.852	P	568.425	P	310.121	1.392	-
DG ₀	Os029975_01	S2	1.024	0.000	P	115.603	P	235.129	P	244.721	-1.082	-
DG ₀	Os029980_01	S2	1.570	0.000	P	114.013	P	338.419	P	487.713	-2.097	LOC_Os02g42450.1

DG ₀	Os030024_01	S2	0.000	-0.912	P	522.622	P	626.676	P	1178.888	-1.174	LOC_Os05g49310.1
DG ₀	Os030162_01	S2	0.000	0.941	P	1145.618	P	770.736	P	401.354	1.513	LOC_Os04g51760.1
DG ₀	Os030344_01	S2	0.000	0.843	P	858.248	P	635.734	P	354.488	1.276	LOC_Os12g43820.1
DG ₀	Os030442_01	S2	1.241	0.000	P	2015.025	P	4762.942	P	5046.563	-1.325	LOC_Os06g10290.1
DG ₀	Os030543_01	S2	0.000	-0.681	P	4136.239	P	5197.734	P	8330.665	-1.010	LOC_Os09g16240.1
DG ₀	Os030589_01	S2	-0.866	0.000	P	296.826	P	162.844	P	101.479	1.548	LOC_Os10g08990.1
DG ₀	Os030672_01	S2	0.000	0.901	P	350.264	P	248.063	P	132.804	1.399	LOC_Os08g40120.1
DG ₀	Os030681_01	S2	0.000	-0.656	P	238.417	P	320.336	P	504.701	-1.082	LOC_Os07g34390.1
DG ₀	Os030882_01	S2	0.763	-0.681	P	243.516	P	413.203	P	662.403	-1.444	LOC_Os02g57810.1
DG ₀	Os030972_01	S2	0.000	-0.797	P	388.610	P	467.561	P	812.642	-1.064	LOC_Os05g33870.1
DG ₀	Os031721_01	S2	0.000	0.823	P	368.330	P	213.677	P	120.792	1.608	-
DG ₀	Os032055_01	S2	0.000	-0.993	P	1187.343	P	1220.573	P	2429.585	-1.033	LOC_Os06g15750.1
DG ₀	Os032267_01	S2	0.000	2.443	P	1518.319	P	963.203	P	177.171	3.099	LOC_Os06g08690.1
DG ₀	Os032650_01	S2	1.448	-0.745	P	137.566	P	375.352	P	628.953	-2.193	-
DG ₀	Os034759_01	S2	0.000	0.856	P	3425.374	P	2279.533	P	1259.617	1.443	LOC_Os04g13090.1
DG ₀	Os035088_01	S2	1.304	0.000	P	934.635	P	2307.388	P	2484.580	-1.411	LOC_Os05g04990.1
DG ₀	Os035261_01	S2	0.898	-0.711	P	738.266	P	1375.278	P	2250.561	-1.608	LOC_Os06g14324.1
DG ₀	Os035342_01	S2	0.000	0.995	P	466.418	P	347.369	P	174.302	1.420	LOC_Os12g21870.1
DG ₀	Os035864_01	S2	0.000	-0.841	P	991.099	P	1558.614	P	2791.736	-1.494	LOC_Os11g35120.1
DG ₀	Os035877_01	S2	0.000	0.919	P	508.707	P	355.075	P	187.753	1.438	-
DG ₀	Os036907_01	S2	-1.036	0.921	P	2409.611	P	1174.857	P	620.496	1.957	LOC_Os05g48780.1
DG ₀	Os037041_01	S2	0.000	1.651	P	678.605	P	489.095	P	155.784	2.123	-
DG ₀	Os038164_01	S2	0.739	0.000	P	145.216	P	242.341	P	344.346	-1.246	LOC_Os03g11670.1
DG ₀	Os038937_01	S2	1.009	0.000	P	246.553	P	496.337	P	590.718	-1.261	LOC_Os06g41680.1
DG ₀	Os039430_01	S2	1.888	0.000	P	338.052	P	1251.617	P	1708.953	-2.338	LOC_Os08g07080.1
DG ₀	Os039580_01	S2	0.000	2.316	P	1303.830	P	764.514	P	153.482	3.087	LOC_Os02g40180.1
DG ₀	Os039771_01	S2	0.000	1.496	P	645.807	P	430.401	P	152.601	2.081	LOC_Os01g24970.1
DG ₀	Os039994_01	S2	0.000	-1.133	P	1026.218	P	1170.785	P	2567.878	-1.323	LOC_Os07g04790.1
DG ₀	Os040062_01	S2	0.000	0.905	P	351.172	P	264.123	P	141.023	1.316	-
DG ₀	Os040246_01	S2	-0.871	0.000	P	1657.855	P	906.765	P	652.181	1.346	LOC_Os08g44670.1
DG ₀	Os040304_01	S2	-0.945	1.765	P	775.487	P	402.743	P	118.465	2.711	LOC_Os04g06879.1

DG _o	Os040841_01	S2	0.000	2.006	P	2128.903	P	1262.819	P	314.350	2.760	LOC_Os05g38390.1
DG _o	Os041088_01	S2	0.872	0.000	P	185.406	P	339.293	P	483.452	-1.383	LOC_Os05g17110.1
DG _o	Os041269_01	S2	0.970	0.000	P	130.795	P	256.200	P	312.917	-1.258	LOC_Os10g01500.1
DG _o	Os041794_01	S2	-0.967	0.000	P	348.401	P	178.230	P	118.801	1.552	-
DG _o	Os042013_01	S2	0.889	-1.073	P	5017.977	P	9292.308	P	19546.938	-1.962	LOC_Os08g19330.1
DG _o	Os042188_01	S2	0.000	1.046	P	373.566	P	309.913	P	150.128	1.315	LOC_Os03g18620.1
DG _o	Os042994_01	S2	0.886	0.000	P	172.537	P	318.940	P	387.412	-1.167	LOC_Os05g31090.1
DG _o	Os043530_01	S2	-1.180	0.000	P	5869.931	P	2591.322	P	1920.801	1.612	LOC_Os06g06340.1
DG _o	Os043715_01	S2	0.789	0.000	P	122.112	P	210.951	P	275.245	-1.173	LOC_Os10g39070.1
DG _o	Os043716_01	S2	0.735	0.000	P	256.806	P	427.491	P	540.181	-1.073	LOC_Os06g36530.1
DG _o	Os043831_01	S2	0.728	0.000	P	133.125	P	220.430	P	308.035	-1.210	-
DG _o	Os043838_01	S2	-0.877	0.000	P	327.560	P	178.335	P	131.735	1.314	LOC_Os05g14480.1
DG _o	Os044218_01	S2	0.000	-1.086	P	271.490	P	377.437	P	801.337	-1.562	LOC_Os01g24050.1
DG _o	Os044283_01	S2	1.018	0.000	P	501.701	P	1016.255	P	1248.025	-1.315	-
DG _o	Os044300_01	S2	0.000	1.009	P	10131.427	P	6656.818	P	3307.853	1.615	LOC_Os05g11320.1
DG _o	Os044395_01	S2	-0.936	1.157	P	3154.148	P	1648.931	P	739.374	2.093	LOC_Os01g32630.1
DG _o	Os044515_01	S2	0.000	-0.845	P	233.360	P	304.548	P	546.946	-1.229	LOC_Os06g19130.1
DG _o	Os044617_01	S2	0.934	-1.124	P	866.934	P	1656.689	P	3609.704	-2.058	-
DG _o	Os044729_01	S2	0.000	1.236	P	615.344	P	405.013	P	171.997	1.839	LOC_Os05g30200.1
DG _o	Os045347_01	S2	1.849	0.000	P	417.781	P	1505.154	P	1720.585	-2.042	LOC_Os06g18120.1
DG _o	Os045565_01	S2	4.005	0.000	P	302.214	P	4851.626	P	6260.743	-4.373	LOC_Os10g09630.1
DG _o	Os045632_01	S2	0.000	1.018	P	3376.181	P	2285.187	P	1128.400	1.581	LOC_Os07g18070.1
DG _o	Os047396_01	S2	0.752	0.000	P	176.987	P	298.065	P	414.653	-1.228	LOC_Os05g02350.1
DG _o	Os047560_01	S2	0.000	1.348	P	881.225	P	652.796	P	256.364	1.781	LOC_Os07g12890.1
DG _o	Os048713_01	S2	0.000	0.899	P	3309.079	P	2394.151	P	1284.036	1.366	LOC_Os11g27090.1
DG _o	Os048756_01	S2	-1.178	1.637	P	762.188	P	336.768	P	108.290	2.815	LOC_Os06g23780.1
DG _o	Os049068_01	S2	0.000	0.846	P	602.806	P	443.051	P	246.424	1.291	-
DG _o	Os049284_01	S2	0.000	-0.778	P	149.833	P	194.615	P	333.681	-1.155	LOC_Os01g05310.1
DG _o	Os051859_01	S2	-1.161	2.551	P	1877.310	P	839.796	P	143.295	3.712	-
DG _o	Os051935_01	S2	0.845	-0.681	P	738.975	P	1327.060	P	2127.481	-1.526	LOC_Os01g15270.1
DG _o	Os052084_01	S2	-1.372	0.000	P	1061.642	P	410.274	P	284.808	1.898	LOC_Os11g32650.1

DG _o	Os052123_01	S2	0.000	-0.803	P	577.587	P	836.220	P	1459.073	-1.337	LOC_Os06g04920.1
DG _o	Os052203_01	S2	0.946	0.000	P	114.163	P	219.904	P	283.817	-1.314	LOC_Os03g07480.2
DG _o	Os052911_01	S2	3.762	0.000	P	524.754	P	7121.497	P	5168.331	-3.300	LOC_Os08g04500.1
DG _o	Os053144_01	S2	1.647	0.000	P	356.065	P	1114.999	P	1631.006	-2.196	LOC_Os01g65169.1
DG _o	Os053343_01	S2	-0.985	0.856	P	670.632	P	338.876	P	187.279	1.840	LOC_Os03g25500.1
DG _o	Os053917_01	S2	0.000	1.025	P	527.301	P	413.910	P	203.450	1.374	LOC_Os01g67540.1
DG _o	Os054056_01	S2	0.000	1.019	P	1315.786	P	906.471	P	447.210	1.557	LOC_Os07g03050.1
DG _o	Os054977_01	S2	0.000	1.017	P	795.624	P	669.423	P	330.790	1.266	LOC_Os01g59970.1
DG _o	Os055155_01	S2	0.000	0.854	P	729.891	P	475.026	P	262.829	1.474	LOC_Os12g10220.1
DG _o	Os055646_01	S2	-0.897	1.332	P	830.017	P	445.845	P	177.047	2.229	LOC_Os12g29670.1
DG _o	Os056551_01	S2	0.798	0.000	P	156.058	P	271.326	P	359.182	-1.203	LOC_Os08g37810.1
DG _o	Os056638_01	S2	0.000	-0.669	P	176.446	P	246.846	P	392.460	-1.153	-
DG _o	Os056762_01	S2	0.778	0.000	P	1178.898	P	2021.744	P	2554.277	-1.115	LOC_Os03g39830.1
DG _o	Os056923_02	S2	1.294	0.000	P	109.460	P	268.435	P	343.304	-1.649	LOC_Os02g06584.2
DG _o	Os057211_02	S2	0.797	0.000	P	432.234	P	751.171	P	1151.482	-1.414	LOC_Os01g05970.1
DG _o	Os057647_02	S2	2.884	0.000	P	95.651	P	706.280	P	983.544	-3.362	-
DG _o	Os000119_01	S3	0.000	-1.239	P	135.497	P	199.561	P	471.055	-1.798	LOC_Os03g24339.1
DG _o	Os000380_01	S3	-1.258	1.844	P	2334.250	P	975.700	P	271.797	3.102	LOC_Os05g47540.1
DG _o	Os000400_01	S3	1.319	0.000	P	192.885	P	481.122	P	705.572	-1.871	-
DG _o	Os000423_01	S3	1.398	0.000	P	221.607	P	583.997	P	899.803	-2.022	LOC_Os02g52860.1
DG _o	Os000515_01	S3	1.193	0.000	P	286.816	P	655.946	P	1011.071	-1.818	LOC_Os02g03010.1
DG _o	Os000540_01	S3	0.000	-1.091	P	135.351	P	196.875	P	419.356	-1.631	LOC_Os09g32470.1
DG _o	Os000586_01	S3	1.210	0.000	P	123.952	P	286.733	P	435.509	-1.813	LOC_Os09g11510.1
DG _o	Os001046_01	S3	0.000	-1.335	P	147.485	P	273.375	P	689.622	-2.225	LOC_Os03g02514.1
DG _o	Os001211_01	S3	1.251	-1.111	P	119.249	P	283.867	P	612.966	-2.362	LOC_Os04g42290.1
DG _o	Os001529_01	S3	1.883	0.000	P	1262.598	P	4656.967	P	5482.930	-2.119	LOC_Os01g60830.1
DG _o	Os001539_01	S3	0.000	-1.282	P	125.967	P	202.675	P	492.868	-1.968	LOC_Os03g17410.1
DG _o	Os001580_01	S3	0.000	-1.876	P	143.931	P	151.632	P	556.419	-1.951	LOC_Os03g43800.2
DG _o	Os001582_01	S3	0.000	2.047	P	435.215	P	489.446	P	118.453	1.877	-
DG _o	Os001631_01	S3	0.000	-1.084	P	148.926	P	252.783	P	535.765	-1.847	LOC_Os03g16700.3
DG _o	Os001855_01	S3	-1.449	0.000	P	606.961	P	222.301	P	103.366	2.554	LOC_Os09g35020.1

DG _o	Os001862_01	S3	1.216	-1.099	P	143.718	P	333.850	P	715.108	-2.315	LOC_Os01g66320.1
DG _o	Os001930_01	S3	0.000	1.663	P	2243.701	P	1725.806	P	544.889	2.042	LOC_Os06g49640.1
DG _o	Os002092_01	S3	1.318	0.000	P	491.262	P	1224.571	P	1605.279	-1.708	LOC_Os02g04510.1
DG _o	Os002678_01	S3	-1.305	0.000	P	5788.930	P	2343.092	P	981.952	2.560	LOC_Os05g03920.1
DG _o	Os003800_01	S3	0.000	-1.319	P	95.446	P	156.325	P	389.888	-2.030	LOC_Os02g08490.1
DG _o	Os007263_01	S3	2.074	0.000	P	1921.936	P	8091.525	P	11500.748	-2.581	LOC_Os12g33150.1
DG _o	Os007671_01	S3	1.610	0.000	P	191.985	P	586.187	P	783.429	-2.029	LOC_Os07g28040.1
DG _o	Os008153_02	S3	1.406	0.000	P	331.298	P	878.011	P	1232.415	-1.895	-
DG _o	Os008486_01	S3	1.259	0.000	P	199.564	P	477.536	P	643.411	-1.689	LOC_Os02g40730.1
DG _o	Os008529_01	S3	1.320	0.000	P	267.444	P	667.909	P	854.903	-1.677	LOC_Os07g02210.2
DG _o	Os008538_01	S3	0.000	-1.208	P	518.177	P	1034.895	P	2390.001	-2.205	LOC_Os03g18070.1
DG _o	Os008556_01	S3	1.531	0.000	P	2182.051	P	6303.891	P	11475.546	-2.395	LOC_Os02g44630.2
DG _o	Os008559_01	S3	-1.023	0.000	P	860.040	P	423.363	P	190.569	2.174	LOC_Os05g51640.1
DG _o	Os008602_01	S3	1.296	0.000	P	495.134	P	1215.885	P	1594.391	-1.687	LOC_Os05g06920.1
DG _o	Os008668_01	S3	1.679	0.000	P	276.103	P	883.930	P	1503.699	-2.445	LOC_Os11g04720.2
DG _o	Os008721_01	S3	0.000	-1.047	P	114.253	P	244.218	P	504.780	-2.143	LOC_Os03g17740.1
DG _o	Os008740_01	S3	1.714	-1.567	P	876.399	P	2874.378	P	8516.821	-3.281	LOC_Os04g45490.1
DG _o	Os008745_01	S3	1.454	0.000	P	311.632	P	853.922	P	1341.970	-2.106	LOC_Os06g05880.1
DG _o	Os008783_01	S3	-0.919	0.000	P	579.672	P	306.647	P	138.636	2.064	LOC_Os01g16890.1
DG _o	Os008787_01	S3	0.000	-1.140	P	234.654	P	369.045	P	813.154	-1.793	LOC_Os02g47560.1
DG _o	Os008886_01	S3	1.317	0.000	P	371.366	P	924.971	P	1449.113	-1.964	LOC_Os11g10990.1
DG _o	Os008899_01	S3	1.539	0.000	P	110.724	P	321.785	P	443.902	-2.003	LOC_Os08g39870.1
DG _o	Os008905_01	S3	0.000	-1.065	P	210.297	P	398.361	P	833.279	-1.986	LOC_Os06g37000.2
DG _o	Os008928_01	S3	1.117	0.000	P	116.341	P	252.414	P	376.320	-1.694	LOC_Os03g59710.1
DG _o	Os009107_01	S3	0.000	2.045	P	898.289	P	700.761	P	169.847	2.403	LOC_Os02g50130.1
DG _o	Os009124_01	S3	1.663	0.000	P	12769.665	P	40428.659	P	40618.441	-1.669	LOC_Os12g02310.1
DG _o	Os009192_01	S3	1.178	0.000	P	117.740	P	266.404	P	404.831	-1.782	LOC_Os01g50460.1
DG _o	Os009286_01	S3	-1.283	0.000	P	785.284	P	322.763	P	218.206	1.848	LOC_Os02g34860.1
DG _o	Os009346_01	S3	1.161	0.000	P	845.301	P	1890.638	P	2884.290	-1.771	LOC_Os03g52660.1
DG _o	Os009446_01	S3	1.100	0.000	P	116.838	P	250.512	P	398.272	-1.769	LOC_Os04g47420.1
DG _o	Os009556_01	S3	1.524	-0.980	P	1012.907	P	2911.985	P	5743.558	-2.503	LOC_Os03g59320.1

DG _o	Os009586_01	S3	1.556	0.000	P	235.626	P	693.017	P	1013.250	-2.104	LOC_Os03g14040.3
DG _o	Os009592_01	S3	0.000	-1.166	P	324.889	P	650.648	P	1459.573	-2.168	LOC_Os05g40180.1
DG _o	Os009664_01	S3	0.000	-1.299	P	123.543	P	198.909	P	489.270	-1.986	LOC_Os03g04470.1
DG _o	Os009705_01	S3	1.139	0.000	P	136.753	P	301.090	P	461.139	-1.754	LOC_Os03g05280.1
DG _o	Os009774_01	S3	1.613	0.000	P	99.093	P	303.166	P	479.340	-2.274	LOC_Os04g45090.1
DG _o	Os009787_01	S3	2.365	0.000	P	316.726	P	1631.886	P	1318.209	-2.057	LOC_Os07g23120.1
DG _o	Os009844_01	S3	1.622	0.000	P	2201.903	P	6778.498	P	12351.941	-2.488	LOC_Os12g08730.1
DG _o	Os009847_01	S3	0.000	-1.263	P	393.898	P	571.332	P	1371.472	-1.800	LOC_Os09g02710.1
DG _o	Os009921_01	S3	1.422	-1.047	P	286.344	P	767.180	P	1585.465	-2.469	LOC_Os02g50620.1
DG _o	Os010034_01	S3	1.655	0.000	P	470.580	P	1482.045	P	2367.358	-2.331	LOC_Os01g68940.1
DG _o	Os010115_01	S3	-1.449	0.000	P	3652.464	P	1338.114	P	760.652	2.264	LOC_Os09g36040.1
DG _o	Os010136_01	S3	-1.215	1.485	P	1484.563	P	639.575	P	228.472	2.700	LOC_Os11g06730.1
DG _o	Os010210_01	S3	-0.970	0.000	P	775.385	P	395.900	P	211.521	1.874	LOC_Os07g42730.1
DG _o	Os010372_01	S3	1.590	-1.779	P	4620.299	P	13911.576	P	47758.151	-3.370	LOC_Os01g14410.1
DG _o	Os010407_01	S3	1.512	0.000	P	156.368	P	445.983	P	560.729	-1.842	LOC_Os08g08120.3
DG _o	Os010501_01	S3	2.345	0.000	P	248.125	P	1260.477	P	1985.196	-3.000	LOC_Os09g26670.1
DG _o	Os010652_01	S3	0.000	-0.973	P	246.415	P	453.077	P	889.216	-1.851	-
DG _o	Os010677_01	S3	1.185	-1.445	P	129.616	P	294.777	P	802.404	-2.630	-
DG _o	Os010869_01	S3	0.000	1.998	P	561.526	P	573.926	P	143.645	1.967	LOC_Os07g43020.1
DG _o	Os010948_01	S3	-1.795	1.377	P	2078.101	P	598.943	P	230.667	3.171	LOC_Os03g03724.2
DG _o	Os011450_01	S3	1.510	0.000	P	302.476	P	861.530	P	1324.413	-2.130	LOC_Os01g72160.1
DG _o	Os011561_01	S3	-0.947	2.610	P	1187.919	P	616.302	P	100.971	3.556	LOC_Os09g10340.1
DG _o	Os011626_01	S3	-1.069	1.668	P	1307.327	P	622.941	P	196.068	2.737	LOC_Os02g15900.1
DG _o	Os011643_01	S3	0.000	2.112	P	803.511	P	949.385	P	219.585	1.872	LOC_Os06g14420.1
DG _o	Os011662_01	S3	-1.534	0.000	P	3530.075	P	1219.200	P	693.537	2.348	LOC_Os07g34570.2
DG _o	Os011667_01	S3	1.264	0.000	P	105.475	P	253.322	P	372.629	-1.821	LOC_Os01g60430.1
DG _o	Os011722_01	S3	0.000	1.876	P	611.944	P	545.023	P	148.508	2.043	LOC_Os03g03390.1
DG _o	Os011839_01	S3	0.000	2.441	P	1530.957	P	926.364	P	170.547	3.166	LOC_Os01g02060.2
DG _o	Os012023_01	S3	0.000	1.627	P	790.616	P	568.146	P	183.911	2.104	LOC_Os02g14770.3
DG _o	Os012391_01	S3	-0.958	0.000	P	410.875	P	211.555	P	104.603	1.974	LOC_Os09g39420.1
DG _o	Os012417_01	S3	2.233	0.000	P	226.790	P	1065.958	P	1044.234	-2.203	LOC_Os04g47360.1

DG ₀	Os012586_01	S3	0.000	-1.478	P	251.717	P	296.439	P	825.509	-1.713	LOC_Os08g15444.1
DG ₀	Os012782_01	S3	0.000	1.660	P	615.159	P	424.330	P	134.239	2.196	LOC_Os05g49200.2
DG ₀	Os012955_01	S3	0.000	1.366	P	931.478	P	569.538	P	220.954	2.076	LOC_Os12g14440.1
DG ₀	Os013058_01	S3	-1.008	2.387	P	1286.175	P	639.444	P	122.234	3.395	LOC_Os04g05010.1
DG ₀	Os013109_01	S3	0.000	1.909	P	796.481	P	663.225	P	176.657	2.173	LOC_Os02g20310.3
DG ₀	Os013174_01	S3	0.000	1.847	P	530.343	P	445.485	P	123.822	2.099	LOC_Os09g10930.3
DG ₀	Os013589_01	S3	0.000	1.425	P	811.601	P	479.258	P	178.538	2.185	LOC_Os08g09270.1
DG ₀	Os013945_01	S3	-1.244	0.000	P	1555.689	P	656.986	P	402.751	1.950	LOC_Os03g38950.1
DG ₀	Os013976_01	S3	-1.240	0.000	P	10004.501	P	4236.423	P	2669.855	1.906	LOC_Os10g35370.2
DG ₀	Os014307_01	S3	0.000	1.575	P	665.989	P	530.521	P	178.041	1.903	LOC_Os07g32630.1
DG ₀	Os014662_01	S3	0.000	1.940	P	382.515	P	395.226	P	102.985	1.893	LOC_Os03g17580.1
DG ₀	Os014758_01	S3	0.000	1.417	P	879.076	P	545.018	P	204.167	2.106	LOC_Os01g13120.1
DG ₀	Os014891_01	S3	0.000	1.607	P	766.957	P	588.228	P	193.110	1.990	LOC_Os03g01190.1
DG ₀	Os015046_01	S3	1.170	0.000	P	627.711	P	1412.221	P	2104.391	-1.745	LOC_Os03g29190.2
DG ₀	Os015137_01	S3	1.287	0.000	P	503.470	P	1228.323	P	1674.580	-1.734	LOC_Os03g62410.1
DG ₀	Os015144_01	S3	1.307	0.000	P	1489.034	P	3683.334	P	5588.194	-1.908	LOC_Os03g26650.2
DG ₀	Os015150_01	S3	0.000	2.631	P	4264.757	P	3832.398	P	618.723	2.785	LOC_Os06g41010.4
DG ₀	Os015391_01	S3	0.000	1.645	P	679.528	P	489.141	P	156.437	2.119	LOC_Os09g07900.1
DG ₀	Os015579_01	S3	0.000	1.735	P	684.500	P	390.179	P	117.201	2.546	LOC_Os10g21000.1
DG ₀	Os015593_01	S3	-1.199	1.545	P	1205.289	P	525.160	P	179.917	2.744	LOC_Os08g26870.3
DG ₀	Os015605_01	S3	1.825	0.000	P	1241.729	P	4399.699	P	6279.142	-2.338	LOC_Os03g05620.1
DG ₀	Os015656_01	S3	0.000	1.338	P	504.613	P	343.728	P	135.923	1.892	LOC_Os07g41280.3
DG ₀	Os015682_01	S3	1.298	0.000	P	7398.723	P	18187.326	P	24502.503	-1.728	LOC_Os01g18744.1
DG ₀	Os015744_01	S3	-0.918	2.369	P	2994.249	P	1584.699	P	306.745	3.287	LOC_Os04g54790.1
DG ₀	Os015839_01	S3	0.000	1.745	P	1320.408	P	1184.921	P	353.454	1.901	LOC_Os02g35180.1
DG ₀	Os015940_01	S3	1.105	-0.973	P	180.965	P	389.384	P	764.116	-2.078	LOC_Os07g28920.1
DG ₀	Os016026_01	S3	1.465	0.000	P	216.200	P	597.013	P	815.086	-1.915	LOC_Os08g39970.1
DG ₀	Os016168_01	S3	1.480	0.000	P	1598.914	P	4459.389	P	6138.704	-1.941	LOC_Os02g39930.1
DG ₀	Os016235_01	S3	0.000	1.427	P	578.407	P	429.578	P	159.759	1.856	LOC_Os02g58150.2
DG ₀	Os016284_01	S3	0.000	1.557	P	2114.060	P	1427.512	P	485.115	2.124	LOC_Os05g34650.1
DG ₀	Os016404_01	S3	1.771	-1.188	P	239.295	P	816.489	P	1859.832	-2.958	LOC_Os01g15610.1

DG _o	Os016433_01	S3	1.169	0.000	P	185.591	P	417.320	P	625.995	-1.754	LOC_Os04g15920.1
DG _o	Os016499_01	S3	1.336	0.000	P	617.961	P	1559.524	P	2184.479	-1.822	LOC_Os09g11370.1
DG _o	Os016512_01	S3	0.000	1.458	P	503.051	P	300.840	P	109.471	2.200	LOC_Os03g29760.2
DG _o	Os016558_01	S3	0.000	1.966	P	420.125	P	426.642	P	109.229	1.943	LOC_Os03g57500.1
DG _o	Os016594_01	S3	1.592	0.000	P	1968.038	P	5934.825	P	7875.318	-2.001	LOC_Os07g49100.1
DG _o	Os016612_01	S3	0.000	1.684	P	761.655	P	614.324	P	191.193	1.994	LOC_Os07g09150.1
DG _o	Os016770_01	S3	0.000	2.118	P	1071.040	P	1133.782	P	261.170	2.036	LOC_Os07g30760.2
DG _o	Os016868_01	S3	0.000	1.366	P	646.897	P	348.581	P	135.272	2.258	LOC_Os01g51980.1
DG _o	Os016869_01	S3	-1.184	0.000	P	4642.844	P	2042.861	P	1122.591	2.048	LOC_Os01g08700.6
DG _o	Os016966_01	S3	0.000	1.648	P	3042.902	P	1676.147	P	534.872	2.508	LOC_Os04g32850.2
DG _o	Os017110_01	S3	0.000	-1.233	P	379.021	P	531.358	P	1248.892	-1.720	LOC_Os05g39000.1
DG _o	Os017295_01	S3	0.000	1.525	P	1160.487	P	751.638	P	261.118	2.152	LOC_Os03g17010.1
DG _o	Os017305_01	S3	0.000	-1.129	P	192.276	P	375.727	P	822.015	-2.096	-
DG _o	Os017421_01	S3	0.000	1.670	P	1785.341	P	1093.144	P	343.445	2.378	LOC_Os02g44590.1
DG _o	Os017533_01	S3	1.510	0.000	P	379.617	P	1080.884	P	1311.390	-1.788	-
DG _o	Os017639_01	S3	0.000	1.571	P	1282.459	P	945.650	P	318.327	2.010	LOC_Os02g28980.1
DG _o	Os017662_01	S3	0.000	1.594	P	913.520	P	546.760	P	181.127	2.334	LOC_Os12g24080.1
DG _o	Os017667_01	S3	0.000	1.620	P	890.538	P	602.420	P	196.034	2.184	LOC_Os06g15360.1
DG _o	Os017780_01	S3	0.000	1.415	P	666.004	P	481.707	P	180.639	1.882	LOC_Os05g51180.1
DG _o	Os017967_01	S3	1.406	0.000	P	768.206	P	2036.413	P	3388.500	-2.141	LOC_Os05g49880.1
DG _o	Os018037_01	S3	0.000	1.913	P	1247.442	P	787.481	P	209.083	2.577	LOC_Os02g43790.1
DG _o	Os018049_01	S3	2.057	0.000	P	485.646	P	2021.257	P	2915.641	-2.586	LOC_Os03g49630.1
DG _o	Os018086_01	S3	0.000	1.609	P	1178.070	P	761.049	P	249.483	2.239	-
DG _o	Os018264_01	S3	0.000	-1.004	P	500.355	P	929.792	P	1865.059	-1.898	LOC_Os08g41320.1
DG _o	Os018279_01	S3	1.455	0.000	P	1078.117	P	2955.798	P	4392.454	-2.027	LOC_Os09g04790.1
DG _o	Os018378_01	S3	2.308	0.000	P	872.336	P	4318.976	P	6248.325	-2.841	LOC_Os08g02210.2
DG _o	Os018767_01	S3	0.000	2.154	P	980.788	P	889.183	P	199.806	2.295	LOC_Os04g32050.1
DG _o	Os018818_01	S3	-0.969	1.395	P	2661.653	P	1359.475	P	516.769	2.365	-
DG _o	Os018882_01	S3	0.000	1.506	P	1832.048	P	1161.112	P	408.828	2.164	LOC_Os03g27790.1
DG _o	Os018906_01	S3	0.000	1.890	P	472.619	P	425.597	P	114.865	2.041	LOC_Os07g31450.1
DG _o	Os019113_01	S3	-0.951	0.000	P	1470.931	P	760.620	P	400.718	1.876	LOC_Os12g17910.1

DG _o	Os020076_01	S3	1.664	0.000	P	283.364	P	898.253	P	1356.637	-2.259	LOC_Os08g39380.1
DG _o	Os020331_01	S3	1.813	0.000	P	598.049	P	2100.952	P	3458.889	-2.532	LOC_Os03g40650.1
DG _o	Os020390_01	S3	0.000	1.969	P	1225.048	P	930.502	P	237.675	2.366	LOC_Os03g58070.1
DG _o	Os020669_01	S3	0.000	1.686	P	928.754	P	540.578	P	168.056	2.466	LOC_Os03g16369.2
DG _o	Os021036_01	S3	0.000	1.950	P	574.502	P	589.368	P	152.522	1.913	LOC_Os01g23620.1
DG _o	Os021077_01	S3	0.000	1.745	P	448.475	P	301.629	P	89.969	2.318	LOC_Os07g12830.2
DG _o	Os021124_01	S3	0.000	1.461	P	399.925	P	250.550	P	90.993	2.136	LOC_Os02g57590.1
DG _o	Os021319_01	S3	-1.215	0.000	P	1221.772	P	526.232	P	335.701	1.864	LOC_Os05g41010.1
DG _o	Os021389_01	S3	0.000	2.196	P	561.153	P	552.882	P	120.696	2.217	LOC_Os03g60820.1
DG _o	Os021453_01	S3	0.000	1.680	P	1541.329	P	1218.015	P	380.012	2.020	LOC_Os02g12760.1
DG _o	Os021454_01	S3	0.000	2.008	P	1805.721	P	1388.511	P	345.223	2.387	LOC_Os03g37970.1
DG _o	Os021485_01	S3	0.000	1.696	P	414.913	P	299.311	P	92.370	2.167	LOC_Os06g50818.1
DG _o	Os021505_01	S3	0.000	-1.033	P	1237.341	P	1989.465	P	4070.396	-1.718	LOC_Os02g51930.1
DG _o	Os021549_01	S3	0.000	1.663	P	1206.584	P	904.113	P	285.456	2.080	LOC_Os02g58560.1
DG _o	Os021606_01	S3	1.430	0.000	P	537.466	P	1448.415	P	2091.623	-1.960	LOC_Os09g21470.1
DG _o	Os021893_01	S3	-1.563	0.000	P	1514.079	P	512.504	P	306.291	2.305	LOC_Os09g35030.1
DG _o	Os022572_01	S3	0.000	-1.280	P	2345.467	P	3387.188	P	8225.550	-1.810	LOC_Os12g36980.1
DG _o	Os023778_01	S3	0.000	-1.198	P	236.787	P	365.389	P	838.562	-1.824	LOC_Os01g63010.1
DG _o	Os023977_01	S3	0.000	1.987	P	403.150	P	410.183	P	103.477	1.962	LOC_Os06g43790.1
DG _o	Os024371_01	S3	1.862	0.000	P	335.220	P	1218.430	P	2025.861	-2.595	-
DG _o	Os024723_01	S3	0.000	1.434	P	843.648	P	597.597	P	221.173	1.931	LOC_Os11g05490.1
DG _o	Os024766_01	S3	0.000	1.865	P	1010.402	P	886.520	P	243.422	2.053	LOC_Os03g64360.1
DG _o	Os024793_01	S3	0.000	1.372	P	407.593	P	292.204	P	112.879	1.852	LOC_Os01g63190.1
DG _o	Os025187_01	S3	1.161	0.000	P	218.397	P	488.437	P	757.439	-1.794	-
DG _o	Os025398_01	S3	1.131	0.000	P	588.517	P	1289.024	P	1970.133	-1.743	LOC_Os05g45410.1
DG _o	Os025816_01	S3	1.815	0.000	P	164.522	P	578.780	P	850.244	-2.370	LOC_Os07g14610.1
DG _o	Os025974_01	S3	0.000	1.691	P	585.697	P	380.722	P	117.936	2.312	LOC_Os03g53060.1
DG _o	Os026390_01	S3	1.264	-1.014	P	153.555	P	368.750	P	744.657	-2.278	LOC_Os05g25040.2
DG _o	Os026464_01	S3	1.215	-1.136	P	377.385	P	876.366	P	1925.812	-2.351	LOC_Os09g34100.1
DG _o	Os027785_01	S3	1.414	0.000	P	382.660	P	1019.871	P	1831.553	-2.259	LOC_Os03g61130.1
DG _o	Os027934_01	S3	1.157	0.000	P	114.216	P	254.641	P	363.919	-1.672	LOC_Os06g06270.1

DG _o	Os028021_01	S3	-0.973	1.466	P	1626.494	P	828.704	P	299.946	2.439	LOC_Os01g04670.1
DG _o	Os028605_01	S3	-1.905	0.000	P	3132.828	P	836.598	P	412.530	2.925	LOC_Os02g06380.1
DG _o	Os028616_01	S3	1.366	-0.989	P	193.347	P	498.500	P	989.692	-2.356	LOC_Os11g02440.2
DG _o	Os028837_01	S3	-1.212	0.000	P	884.747	P	381.970	P	235.509	1.909	LOC_Os12g04970.1
DG _o	Os029489_01	S3	0.000	-1.063	P	103.909	P	207.058	P	432.540	-2.058	LOC_Os02g57854.1
DG _o	Os029934_01	S3	1.518	0.000	P	168.647	P	482.918	P	540.086	-1.679	LOC_Os09g13410.1
DG _o	Os030028_01	S3	1.413	0.000	P	138.116	P	367.766	P	492.589	-1.835	LOC_Os01g02710.1
DG _o	Os030108_01	S3	1.319	0.000	P	509.388	P	1270.605	P	1708.554	-1.746	LOC_Os06g37400.1
DG _o	Os030344_01	S3	1.786	0.000	P	163.078	P	562.420	P	674.268	-2.048	LOC_Os12g43820.1
DG _o	Os030649_01	S3	0.000	1.494	P	479.963	P	272.419	P	96.743	2.311	-
DG _o	Os031701_01	S3	0.000	1.337	P	935.865	P	532.163	P	210.715	2.151	LOC_Os01g24690.1
DG _o	Os032953_01	S3	1.267	0.000	P	149.319	P	359.417	P	503.842	-1.755	LOC_Os01g35310.1
DG _o	Os033589_01	S3	0.000	1.505	P	684.841	P	394.428	P	138.941	2.301	LOC_Os08g25240.1
DG _o	Os034470_01	S3	1.461	0.000	P	107.661	P	296.301	P	508.256	-2.239	LOC_Os10g10420.1
DG _o	Os034680_01	S3	0.000	1.759	P	378.277	P	290.554	P	85.848	2.140	LOC_Os05g04914.1
DG _o	Os035048_01	S3	1.261	0.000	P	119.794	P	287.072	P	371.367	-1.632	LOC_Os12g39220.1
DG _o	Os035785_01	S3	0.000	1.371	P	499.492	P	351.937	P	136.103	1.876	LOC_Os09g30050.1
DG _o	Os036777_01	S3	0.000	2.419	P	887.543	P	582.230	P	108.870	3.027	LOC_Os02g48920.1
DG _o	Os037607_01	S3	-1.042	0.000	P	541.553	P	263.061	P	135.621	1.998	LOC_Os01g02680.1
DG _o	Os038942_01	S3	0.000	-1.735	P	198.955	P	204.434	P	680.478	-1.774	LOC_Os08g37670.1
DG _o	Os039107_01	S3	1.354	0.000	P	126.554	P	323.410	P	409.390	-1.694	LOC_Os04g56800.1
DG _o	Os039593_01	S3	-1.002	1.851	P	1350.998	P	674.643	P	186.954	2.853	-
DG _o	Os039978_01	S3	-1.229	0.000	P	406.686	P	173.479	P	97.846	2.055	-
DG _o	Os040526_01	S3	1.167	0.000	P	141.729	P	318.282	P	502.493	-1.826	LOC_Os01g62680.1
DG _o	Os041048_01	S3	-1.039	0.000	P	535.838	P	260.735	P	148.334	1.853	-
DG _o	Os041150_01	S3	1.510	0.000	P	221.410	P	630.476	P	771.738	-1.801	LOC_Os06g43850.1
DG _o	Os041241_01	S3	1.644	0.000	P	161.040	P	503.136	P	677.112	-2.072	LOC_Os01g21270.1
DG _o	Os042441_01	S3	0.000	-1.214	P	357.153	P	763.471	P	1771.293	-2.310	LOC_Os06g13800.1
DG _o	Os042994_01	S3	0.000	-0.980	P	148.019	P	254.347	P	501.683	-1.761	LOC_Os05g31090.1
DG _o	Os043803_01	S3	0.000	2.353	P	535.878	P	603.540	P	118.157	2.181	LOC_Os04g20280.1
DG _o	Os044196_01	S3	0.000	1.448	P	1003.780	P	737.735	P	270.400	1.892	LOC_Os05g32650.1

DG _o	Os044300_01	S3	0.000	3.060	P	21361.559	P	21318.182	P	2556.570	3.063	LOC_Os05g11320.1
DG _o	Os044585_01	S3	0.000	2.160	P	374.925	P	434.205	P	97.123	1.949	LOC_Os05g14360.1
DG _o	Os044729_01	S3	1.683	0.000	P	105.878	P	339.877	P	404.700	-1.934	LOC_Os05g30200.1
DG _o	Os044800_01	S3	0.000	2.277	P	616.772	P	548.592	P	113.221	2.446	LOC_Os08g31228.1
DG _o	Os044943_01	S3	0.000	-1.156	P	214.045	P	416.394	P	928.002	-2.116	LOC_Os07g47750.1
DG _o	Os045005_01	S3	1.484	0.000	P	746.814	P	2089.172	P	2828.470	-1.921	-
DG _o	Os045055_01	S3	1.452	0.000	P	271.916	P	743.777	P	999.942	-1.879	-
DG _o	Os045207_01	S3	1.761	0.000	P	348.701	P	1181.493	P	2036.576	-2.546	-
DG _o	Os045261_01	S3	1.136	0.000	P	208.139	P	457.571	P	769.017	-1.885	LOC_Os02g34610.1
DG _o	Os045535_01	S3	1.107	0.000	P	273.493	P	589.217	P	900.619	-1.719	-
DG _o	Os045577_01	S3	1.644	0.000	P	520.462	P	1626.740	P	2812.283	-2.434	LOC_Os12g07990.1
DG _o	Os045664_01	S3	1.888	0.000	P	345.258	P	1278.217	P	2417.400	-2.808	LOC_Os02g25890.1
DG _o	Os046095_01	S3	1.765	0.000	P	191.789	P	652.034	P	1053.077	-2.457	LOC_Os08g22700.1
DG _o	Os046251_01	S3	1.156	0.000	P	186.759	P	416.042	P	713.963	-1.935	LOC_Os11g16850.1
DG _o	Os046281_01	S3	1.104	-1.288	P	316.742	P	680.816	P	1662.829	-2.392	LOC_Os10g38640.1
DG _o	Os046306_01	S3	1.249	0.000	P	2347.797	P	5581.231	P	7629.437	-1.700	-
DG _o	Os046332_01	S3	1.751	0.000	P	11830.492	P	39819.773	P	55230.288	-2.223	LOC_Os11g19180.1
DG _o	Os046570_01	S3	1.155	0.000	P	341.441	P	760.352	P	1154.727	-1.758	LOC_Os09g06330.1
DG _o	Os046599_01	S3	1.420	0.000	P	1509.743	P	4038.797	P	6458.481	-2.097	LOC_Os07g33280.1
DG _o	Os046857_01	S3	1.538	0.000	P	372.856	P	1082.381	P	1813.419	-2.282	LOC_Os02g38330.1
DG _o	Os047260_01	S3	-1.024	0.000	P	6876.416	P	3381.847	P	1820.659	1.917	LOC_Os06g34840.1
DG _o	Os047500_01	S3	-1.306	2.742	P	5103.033	P	2064.422	P	308.657	4.047	LOC_Os06g43740.1
DG _o	Os047852_01	S3	1.552	0.000	P	194.851	P	571.278	P	1053.995	-2.435	LOC_Os10g24050.1
DG _o	Os048190_01	S3	1.116	0.000	P	161.862	P	350.839	P	610.262	-1.915	LOC_Os07g27970.1
DG _o	Os048236_01	S3	1.200	0.000	P	264.475	P	607.484	P	904.336	-1.774	LOC_Os05g34740.1
DG _o	Os048756_01	S3	-1.021	1.540	P	618.952	P	304.899	P	104.835	2.562	LOC_Os06g23780.1
DG _o	Os048781_01	S3	0.000	2.740	P	2210.579	P	1643.526	P	246.009	3.168	-
DG _o	Os048837_01	S3	0.000	1.796	P	805.100	P	439.710	P	126.600	2.669	LOC_Os10g06810.1
DG _o	Os049669_01	S3	0.000	-1.178	P	247.859	P	340.277	P	769.892	-1.635	-
DG _o	Os050257_01	S3	1.320	0.000	P	426.031	P	1063.722	P	1517.968	-1.833	LOC_Os06g34800.1
DG _o	Os050517_01	S3	0.000	1.852	P	887.872	P	761.814	P	211.031	2.073	LOC_Os12g26490.1

DG _o	Os051177_01	S3	1.204	0.000	P	897.348	P	2067.322	P	2992.294	-1.738	-
DG _o	Os051326_01	S3	1.100	0.000	P	193.725	P	415.260	P	643.308	-1.731	LOC_Os05g35910.1
DG _o	Os051583_01	S3	0.000	1.307	P	491.374	P	329.958	P	133.331	1.882	-
DG _o	Os051737_01	S3	1.224	0.000	P	163.788	P	382.611	P	537.153	-1.714	LOC_Os06g26050.1
DG _o	Os051935_01	S3	1.410	0.000	P	715.890	P	1902.407	P	2985.035	-2.060	LOC_Os01g15270.1
DG _o	Os051938_01	S3	1.557	0.000	P	123.604	P	363.609	P	433.131	-1.809	LOC_Os10g39410.1
DG _o	Os052021_01	S3	0.000	1.684	P	1501.036	P	795.574	P	247.656	2.600	LOC_Os12g05430.1
DG _o	Os052067_01	S3	0.000	1.824	P	1318.172	P	701.957	P	198.256	2.733	-
DG _o	Os052085_01	S3	0.000	1.900	P	21800.886	P	12278.960	P	3290.245	2.728	LOC_Os07g25430.3
DG _o	Os052091_01	S3	-1.163	1.751	P	798.107	P	356.502	P	105.924	2.914	LOC_Os07g08660.1
DG _o	Os052153_01	S3	0.000	1.390	P	694.705	P	455.475	P	173.803	1.999	LOC_Os03g14530.1
DG _o	Os052430_01	S3	-0.954	0.000	P	789.496	P	407.643	P	191.874	2.041	LOC_Os07g29620.1
DG _o	Os052461_01	S3	0.000	1.825	P	4357.999	P	3846.062	P	1085.347	2.006	LOC_Os04g33110.1
DG _o	Os054432_01	S3	-0.928	0.000	P	9512.894	P	4999.304	P	2485.754	1.936	LOC_Os04g58200.1
DG _o	Os054556_01	S3	0.000	-1.782	P	2848.823	P	4939.139	P	16991.597	-2.576	LOC_Os01g14410.1
DG _o	Os054592_01	S3	0.000	1.629	P	596.577	P	440.116	P	142.320	2.068	LOC_Os05g06310.1
DG _o	Os054602_01	S3	0.000	1.596	P	475.799	P	338.152	P	111.834	2.089	LOC_Os08g35190.2
DG _o	Os054607_01	S3	-0.953	1.659	P	852.613	P	440.412	P	139.493	2.612	LOC_Os05g06780.1
DG _o	Os054638_01	S3	0.000	1.542	P	743.176	P	466.957	P	160.375	2.212	-
DG _o	Os054660_01	S3	0.000	1.513	P	23099.878	P	14374.025	P	5035.711	2.198	LOC_Os04g41560.2
DG _o	Os054673_01	S3	0.000	2.197	P	2837.491	P	2723.583	P	594.112	2.256	LOC_Os03g55540.1
DG _o	Os054977_01	S3	0.000	1.489	P	891.456	P	599.693	P	213.638	2.061	LOC_Os01g59970.1
DG _o	Os054983_01	S3	0.000	2.253	P	539.885	P	507.171	P	106.414	2.343	LOC_Os05g33310.1
DG _o	Os055024_01	S3	0.000	1.379	P	2259.013	P	1603.749	P	616.490	1.874	LOC_Os04g53310.1
DG _o	Os055030_01	S3	0.000	2.075	P	371.152	P	350.343	P	83.132	2.159	LOC_Os04g23180.1
DG _o	Os055155_01	S3	0.000	2.827	P	1129.420	P	831.376	P	117.186	3.269	LOC_Os12g10220.1
DG _o	Os055171_01	S3	0.000	2.663	P	1724.488	P	1589.554	P	250.933	2.781	LOC_Os06g04230.1
DG _o	Os055334_01	S3	0.000	1.470	P	514.067	P	335.478	P	121.092	2.086	LOC_Os10g37240.1
DG _o	Os055646_01	S3	-1.053	1.390	P	1693.501	P	816.049	P	311.304	2.444	LOC_Os12g29670.1
DG _o	Os055709_01	S3	1.222	0.000	P	1571.747	P	3667.438	P	5566.987	-1.825	LOC_Os12g41110.1
DG _o	Os055785_01	S3	0.000	1.266	P	1057.381	P	637.354	P	264.960	1.997	LOC_Os01g56220.1

DG ₀	Os056703_01	S3	0.000	1.464	P	744.513	P	431.195	P	156.299	2.252	LOC_Os01g09150.1
DG ₀	Os056758_01	S3	0.000	1.716	P	799.965	P	495.066	P	150.727	2.408	-
DG ₀	Os056918_02	S3	0.000	2.125	P	3081.512	P	2380.425	P	545.623	2.498	LOC_Os01g13690.1
DG ₀	Os056946_01	S3	0.000	-1.147	P	243.123	P	504.284	P	1116.512	-2.199	LOC_Os05g34770.1
DG ₀	Os057068_02	S3	1.656	0.000	P	136.616	P	430.398	P	719.798	-2.397	LOC_Os08g04390.2
DG ₀	Os057254_02	S3	0.000	1.366	P	41180.030	P	27824.079	P	10793.176	1.932	-
DG ₀	Os057481_02	S3	1.253	0.000	P	124.842	P	297.622	P	416.199	-1.737	LOC_Os04g43390.1
DG ₀	Os057614_02	S3	1.994	0.000	P	112.019	P	446.126	P	511.801	-2.192	LOC_Os06g22060.1
DG ₀	Os057647_02	S3	2.228	0.000	P	126.616	P	593.160	P	1116.065	-3.140	-
DG ₀	Os000252_01	S6	0.984	0.000	P	227.187	P	449.440	P	506.898	-1.158	LOC_Os02g47140.2
DG ₀	Os000282_01	S6	0.000	-0.880	P	516.492	P	652.508	P	1200.853	-1.217	LOC_Os03g60100.1
DG ₀	Os000322_01	S6	-1.441	0.000	P	794.664	P	292.598	P	362.852	1.131	LOC_Os07g28610.2
DG ₀	Os000375_01	S6	0.000	-0.808	P	1278.712	P	1688.329	P	2956.818	-1.209	LOC_Os02g09590.1
DG ₀	Os000431_01	S6	-1.181	1.224	P	26743.943	P	11795.114	P	5047.911	2.405	LOC_Os01g68300.1
DG ₀	Os000754_01	S6	0.000	1.547	P	428.814	P	413.153	P	141.344	1.601	LOC_Os12g19304.3
DG ₀	Os000965_01	S6	0.000	0.907	P	986.300	P	856.516	P	456.791	1.110	LOC_Os01g73990.1
DG ₀	Os000994_01	S6	0.000	-1.351	P	429.314	P	478.596	P	1220.749	-1.508	-
DG ₀	Os001903_01	S6	0.000	2.416	P	602.550	P	1101.214	P	206.285	1.546	LOC_Os01g68290.1
DG ₀	Os002325_01	S6	-1.467	0.000	P	2633.235	P	952.566	P	1151.093	1.194	LOC_Os09g38750.1
DG ₀	Os002353_01	S6	0.000	-1.449	P	337.468	P	569.621	P	1554.653	-2.204	LOC_Os03g38470.1
DG ₀	Os002390_01	S6	-1.743	0.000	P	2163.016	P	646.358	P	761.834	1.505	LOC_Os07g05360.1
DG ₀	Os002678_01	S6	-1.414	0.880	P	3326.571	P	1248.755	P	678.329	2.294	LOC_Os05g03920.1
DG ₀	Os002866_01	S6	0.000	1.186	P	806.925	P	637.596	P	280.316	1.525	LOC_Os03g57690.1
DG ₀	Os003186_01	S6	1.202	-0.792	P	372.858	P	857.922	P	1485.322	-1.994	LOC_Os05g46780.1
DG ₀	Os003424_01	S6	0.000	1.042	P	484.028	P	312.263	P	151.679	1.674	LOC_Os12g29550.1
DG ₀	Os004287_01	S6	0.000	1.008	P	270.357	P	228.281	P	113.508	1.252	LOC_Os03g28140.1
DG ₀	Os004406_01	S6	0.000	0.868	P	1392.562	P	953.576	P	522.635	1.414	LOC_Os09g28390.1
DG ₀	Os006592_01	S6	-1.085	0.000	P	732.091	P	345.214	P	199.023	1.879	-
DG ₀	Os007747_01	S6	-1.136	0.000	P	592.611	P	269.625	P	216.345	1.454	LOC_Os02g06300.1
DG ₀	Os008169_01	S6	-1.502	1.288	P	2203.978	P	778.315	P	318.650	2.790	LOC_Os02g40240.2
DG ₀	Os008192_01	S6	-1.139	0.000	P	740.190	P	336.114	P	268.490	1.463	LOC_Os09g24620.1

DG _o	Os008529_01 S6	1.430	0.000	P	234.250	P	631.368	P	808.045	-1.786	LOC_Os07g02210.2
DG _o	Os008538_01 S6	-1.204	0.000	P	734.371	P	318.808	P	272.530	1.430	LOC_Os03g18070.1
DG _o	Os008602_01 S6	-1.265	0.000	P	1066.366	P	443.864	P	433.111	1.300	LOC_Os05g06920.1
DG _o	Os008805_01 S6	0.000	0.973	P	329.988	P	252.888	P	128.820	1.357	-
DG _o	Os008896_01 S6	0.956	0.000	P	222.007	P	430.685	P	616.086	-1.473	LOC_Os04g51520.1
DG _o	Os009377_01 S6	-0.916	0.000	P	651.496	P	345.266	P	262.607	1.311	LOC_Os12g12580.1
DG _o	Os009604_01 S6	0.000	1.227	P	535.732	P	525.105	P	224.302	1.256	LOC_Os07g43810.1
DG _o	Os009787_01 S6	2.293	0.000	P	440.810	P	2160.500	P	3364.262	-2.932	LOC_Os07g23120.1
DG _o	Os009844_01 S6	-1.008	0.000	P	6854.300	P	3407.674	P	2957.533	1.213	LOC_Os12g08730.1
DG _o	Os009881_01 S6	1.233	0.000	P	266.157	P	625.522	P	856.858	-1.687	LOC_Os06g05180.1
DG _o	Os010073_01 S6	0.000	-1.347	P	220.344	P	385.421	P	980.525	-2.154	LOC_Os07g40986.1
DG _o	Os010136_01 S6	0.000	1.755	P	1439.671	P	1020.808	P	302.425	2.251	LOC_Os11g06730.1
DG _o	Os010501_01 S6	-0.918	0.000	P	923.602	P	488.845	P	369.995	1.320	LOC_Os09g26670.1
DG _o	Os010507_01 S6	0.000	1.070	P	323.859	P	291.929	P	139.039	1.220	-
DG _o	Os010677_01 S6	0.000	0.867	P	485.746	P	389.659	P	213.642	1.185	-
DG _o	Os010947_01 S6	0.000	1.114	P	551.844	P	374.926	P	173.265	1.671	-
DG _o	Os011079_01 S6	0.000	1.251	P	300.241	P	295.483	P	124.111	1.274	LOC_Os04g45920.1
DG _o	Os011090_01 S6	0.000	1.080	P	584.649	P	413.298	P	195.443	1.581	LOC_Os04g31140.1
DG _o	Os011207_01 S6	1.161	0.000	P	108.249	P	241.984	P	258.058	-1.253	LOC_Os02g16620.1
DG _o	Os011344_01 S6	0.000	1.449	P	1388.352	P	1079.997	P	395.489	1.812	-
DG _o	Os011816_01 S6	-1.480	0.000	P	651.060	P	233.381	P	204.388	1.671	-
DG _o	Os012005_01 S6	0.000	1.010	P	465.087	P	384.773	P	191.079	1.283	LOC_Os03g58640.1
DG _o	Os012205_01 S6	0.000	-1.194	P	205.011	P	277.114	P	633.832	-1.628	LOC_Os01g74650.3
DG _o	Os012299_01 S6	0.000	-0.880	P	375.103	P	667.581	P	1228.373	-1.711	LOC_Os09g38030.1
DG _o	Os012329_01 S6	0.000	-1.291	P	404.274	P	675.408	P	1652.665	-2.031	LOC_Os03g34040.1
DG _o	Os012915_01 S6	0.000	0.868	P	593.400	P	384.083	P	210.492	1.495	LOC_Os01g61970.1
DG _o	Os013267_01 S6	-0.934	0.000	P	1165.929	P	610.175	P	351.850	1.728	LOC_Os02g29550.2
DG _o	Os013284_01 S6	0.000	-0.997	P	527.015	P	707.241	P	1412.009	-1.422	LOC_Os09g28630.1
DG _o	Os013532_01 S6	-1.101	1.014	P	1491.245	P	695.359	P	344.342	2.115	LOC_Os01g55094.2
DG _o	Os013619_01 S6	-1.062	0.000	P	439.775	P	210.699	P	173.962	1.338	-
DG _o	Os013668_01 S6	0.945	0.000	P	124.937	P	240.464	P	300.958	-1.268	LOC_Os03g42900.1

DG _o	Os013987_01	S6	0.971	-0.898	P	187.089	P	366.852	P	683.656	-1.870	LOC_Os08g01170.1
DG _o	Os014273_01	S6	-1.749	0.000	P	551.005	P	163.928	P	229.283	1.265	LOC_Os03g48030.1
DG _o	Os014301_01	S6	0.939	0.000	P	625.955	P	1200.455	P	1776.184	-1.505	-
DG _o	Os014374_01	S6	-0.994	1.049	P	999.954	P	502.037	P	242.618	2.043	LOC_Os10g26990.1
DG _o	Os014490_01	S6	0.000	0.859	P	372.183	P	234.492	P	129.326	1.525	LOC_Os02g13100.1
DG _o	Os014533_01	S6	1.126	0.000	P	148.987	P	325.082	P	343.906	-1.207	LOC_Os07g37650.1
DG _o	Os014740_01	S6	-1.126	-2.222	P	1109.617	P	508.547	P	2371.947	-1.096	LOC_Os07g36080.1
DG _o	Os015156_01	S6	-1.139	0.000	P	1022.210	P	464.119	P	296.108	1.787	LOC_Os01g08460.1
DG _o	Os015744_01	S6	-0.932	0.000	P	1561.075	P	818.017	P	535.428	1.544	LOC_Os04g54790.1
DG _o	Os015845_01	S6	1.060	0.000	P	128.349	P	267.551	P	403.723	-1.653	LOC_Os05g03550.1
DG _o	Os016108_01	S6	0.000	0.805	P	542.009	P	322.881	P	184.777	1.553	LOC_Os03g52720.1
DG _o	Os016218_01	S6	0.000	-1.061	P	514.991	P	531.565	P	1109.134	-1.107	LOC_Os03g53300.2
DG _o	Os016284_01	S6	0.000	0.860	P	788.997	P	521.527	P	287.310	1.457	LOC_Os05g34650.1
DG _o	Os016758_01	S6	1.431	0.000	P	176.360	P	475.604	P	466.157	-1.402	LOC_Os11g32110.4
DG _o	Os016770_01	S6	-1.050	1.136	P	984.028	P	475.169	P	216.228	2.186	LOC_Os07g30760.2
DG _o	Os016790_01	S6	0.000	1.245	P	529.984	P	354.435	P	149.562	1.825	LOC_Os04g38220.1
DG _o	Os016859_01	S6	0.000	-0.961	P	296.773	P	359.705	P	700.395	-1.239	LOC_Os05g37520.1
DG _o	Os016869_01	S6	0.000	1.121	P	2734.130	P	2560.072	P	1177.047	1.216	LOC_Os01g08700.6
DG _o	Os016870_01	S6	0.000	0.856	P	721.178	P	455.638	P	251.757	1.518	LOC_Os02g56280.1
DG _o	Os016972_01	S6	1.590	0.000	P	137.903	P	415.018	P	615.133	-2.157	LOC_Os12g20150.1
DG _o	Os017058_01	S6	1.347	0.000	P	377.466	P	960.075	P	962.362	-1.350	LOC_Os05g33940.1
DG _o	Os017063_01	S6	0.963	0.000	P	104.792	P	204.314	P	247.870	-1.242	LOC_Os02g34840.1
DG _o	Os017372_01	S6	-0.913	0.000	P	494.575	P	262.604	P	192.521	1.361	LOC_Os11g45720.1
DG _o	Os017820_01	S6	0.000	-0.772	P	275.540	P	388.539	P	663.287	-1.267	LOC_Os04g36062.1
DG _o	Os018072_01	S6	1.907	-0.786	P	151.710	P	569.134	P	981.595	-2.694	LOC_Os05g46250.1
DG _o	Os018214_01	S6	0.952	0.000	P	114.819	P	222.174	P	301.070	-1.391	LOC_Os08g12750.2
DG _o	Os018327_01	S6	0.920	0.000	P	192.496	P	364.222	P	427.037	-1.150	LOC_Os12g05650.1
DG _o	Os018432_01	S6	1.050	0.000	P	146.083	P	302.567	P	313.947	-1.104	LOC_Os08g42420.5
DG _o	Os018766_01	S6	-1.297	0.000	P	1153.050	P	469.203	P	350.216	1.719	LOC_Os04g40670.1
DG _o	Os018767_01	S6	0.000	1.114	P	660.787	P	524.051	P	242.064	1.449	LOC_Os04g32050.1
DG _o	Os018786_01	S6	0.000	1.465	P	1034.521	P	930.932	P	337.181	1.617	LOC_Os03g16670.1

DG ₀	Os018818_01	S6	-1.193	1.114	P	1417.543	P	620.230	P	286.456	2.307	-
DG ₀	Os020088_01	S6	0.000	-0.977	P	263.385	P	387.207	P	762.309	-1.533	LOC_Os05g03120.2
DG ₀	Os020367_01	S6	0.000	1.214	P	268.804	P	276.903	P	119.372	1.171	LOC_Os01g15630.1
DG ₀	Os020392_01	S6	0.000	1.204	P	1207.828	P	663.678	P	288.077	2.068	LOC_Os03g15050.2
DG ₀	Os020398_01	S6	0.000	-1.212	P	224.163	P	250.880	P	581.275	-1.375	LOC_Os03g54000.1
DG ₀	Os020694_01	S6	1.193	-0.794	P	196.018	P	448.155	P	776.972	-1.987	LOC_Os09g33680.1
DG ₀	Os020765_01	S6	0.974	0.000	P	305.109	P	599.292	P	742.751	-1.284	LOC_Os01g09990.1
DG ₀	Os020930_01	S6	1.023	-0.904	P	231.971	P	471.289	P	881.965	-1.927	LOC_Os06g04390.1
DG ₀	Os021254_01	S6	0.000	-1.095	P	170.764	P	237.729	P	507.779	-1.572	LOC_Os02g46660.1
DG ₀	Os021365_01	S6	0.000	0.887	P	436.097	P	377.059	P	203.827	1.097	LOC_Os08g24434.1
DG ₀	Os021726_01	S6	1.348	0.000	P	496.722	P	1264.868	P	1435.566	-1.531	LOC_Os03g06080.1
DG ₀	Os021757_01	S6	0.000	1.188	P	616.787	P	398.650	P	175.002	1.817	LOC_Os09g36740.1
DG ₀	Os021870_01	S6	0.000	-1.062	P	208.386	P	318.358	P	664.483	-1.673	LOC_Os07g41060.1
DG ₀	Os022228_01	S6	-0.929	0.000	P	1696.737	P	891.331	P	634.722	1.419	LOC_Os10g41250.1
DG ₀	Os022291_01	S6	0.000	-0.772	P	611.475	P	1115.651	P	1904.726	-1.639	LOC_Os03g16880.1
DG ₀	Os022309_01	S6	0.000	-0.768	P	377.104	P	573.975	P	977.547	-1.374	LOC_Os05g10670.1
DG ₀	Os022434_01	S6	-1.163	0.000	P	961.959	P	429.466	P	424.021	1.182	LOC_Os01g67310.1
DG ₀	Os022563_01	S6	0.923	0.000	P	125.587	P	238.126	P	336.490	-1.422	LOC_Os06g04290.1
DG ₀	Os022620_01	S6	1.119	0.000	P	260.472	P	565.675	P	894.493	-1.780	LOC_Os10g09930.1
DG ₀	Os022954_01	S6	0.000	1.118	P	606.414	P	563.408	P	259.663	1.224	LOC_Os08g34170.1
DG ₀	Os023118_01	S6	2.711	-0.835	P	125.070	P	819.182	P	1461.105	-3.546	LOC_Os07g11120.1
DG ₀	Os023350_01	S6	-1.225	0.000	P	3410.538	P	1459.112	P	998.281	1.772	LOC_Os12g42280.1
DG ₀	Os023589_01	S6	1.578	-0.813	P	229.898	P	686.599	P	1206.528	-2.392	LOC_Os05g05650.1
DG ₀	Os023983_01	S6	1.345	0.000	P	248.225	P	630.516	P	953.833	-1.942	LOC_Os02g58500.1
DG ₀	Os023998_01	S6	0.000	0.813	P	664.980	P	361.908	P	205.944	1.691	LOC_Os08g42570.1
DG ₀	Os024078_01	S6	0.921	0.000	P	150.673	P	285.228	P	366.953	-1.284	LOC_Os06g44250.1
DG ₀	Os024270_01	S6	1.496	0.000	P	298.722	P	842.817	P	663.793	-1.152	LOC_Os05g36990.1
DG ₀	Os024437_01	S6	-1.054	0.000	P	1014.893	P	488.739	P	450.950	1.170	-
DG ₀	Os024561_01	S6	0.000	-0.918	P	397.277	P	526.316	P	994.647	-1.324	LOC_Os04g01740.1
DG ₀	Os024616_01	S6	0.000	0.900	P	508.347	P	387.241	P	207.485	1.293	-
DG ₀	Os024723_01	S6	-1.304	0.000	P	531.685	P	215.405	P	181.232	1.553	LOC_Os11g05490.1

DG _o	Os024778_01	S6	0.949	0.000	P	140.458	P	271.247	P	385.018	-1.455	LOC_Os05g30800.1
DG _o	Os024882_01	S6	0.000	1.119	P	367.303	P	371.276	P	170.960	1.103	LOC_Os09g31120.1
DG _o	Os025405_01	S6	0.000	2.409	P	1136.781	P	792.617	P	149.203	2.930	LOC_Os10g41960.1
DG _o	Os025528_01	S6	0.000	-0.829	P	8361.827	P	13534.397	P	24038.246	-1.523	-
DG _o	Os025762_01	S6	0.000	1.570	P	1208.171	P	696.465	P	234.592	2.365	LOC_Os05g25260.1
DG _o	Os025815_01	S6	0.986	0.000	P	154.889	P	306.769	P	337.772	-1.125	LOC_Os01g67410.1
DG _o	Os025832_01	S6	1.013	0.000	P	229.385	P	462.773	P	500.325	-1.125	LOC_Os04g33240.1
DG _o	Os025959_01	S6	0.000	1.343	P	850.488	P	753.489	P	296.977	1.518	LOC_Os12g43780.1
DG _o	Os027934_01	S6	0.000	-0.768	P	153.762	P	203.512	P	346.580	-1.172	LOC_Os06g06270.1
DG _o	Os028157_01	S6	0.000	1.382	P	1787.603	P	1242.201	P	476.647	1.907	LOC_Os10g32110.1
DG _o	Os028605_01	S6	-1.375	0.000	P	905.647	P	349.227	P	284.322	1.671	LOC_Os02g06380.1
DG _o	Os028624_01	S6	0.941	0.000	P	3027.486	P	5814.242	P	8369.570	-1.467	LOC_Os06g02010.1
DG _o	Os028680_01	S6	1.827	-1.435	P	147.548	P	523.601	P	1416.101	-3.263	LOC_Os07g06100.1
DG _o	Os028834_01	S6	0.946	0.000	P	807.996	P	1556.477	P	1876.090	-1.215	LOC_Os03g27070.1
DG _o	Os029713_01	S6	0.000	1.271	P	4651.137	P	3760.475	P	1557.808	1.578	LOC_Os07g30990.1
DG _o	Os029791_01	S6	0.000	1.562	P	960.327	P	630.531	P	213.560	2.169	LOC_Os02g52200.1
DG _o	Os029928_01	S6	-1.193	0.000	P	349.204	P	152.778	P	137.818	1.341	-
DG _o	Os030028_01	S6	1.357	-1.280	P	207.732	P	532.262	P	1292.912	-2.638	LOC_Os01g02710.1
DG _o	Os030119_01	S6	-0.979	0.820	P	913.096	P	463.162	P	262.276	1.800	LOC_Os02g03210.1
DG _o	Os031388_01	S6	0.959	0.000	P	194.708	P	378.429	P	494.736	-1.345	LOC_Os01g08350.1
DG _o	Os032897_01	S6	-1.589	0.000	P	680.634	P	226.238	P	166.192	2.034	LOC_Os03g44850.1
DG _o	Os033072_01	S6	0.928	0.000	P	134.931	P	256.813	P	351.086	-1.380	LOC_Os12g29230.1
DG _o	Os033915_01	S6	1.352	0.000	P	288.392	P	736.092	P	1102.521	-1.935	LOC_Os11g45530.1
DG _o	Os036373_01	S6	1.226	0.000	P	639.598	P	1495.886	P	2129.973	-1.736	LOC_Os04g03250.1
DG _o	Os038005_01	S6	0.000	-0.985	P	351.267	P	391.043	P	774.229	-1.140	LOC_Os01g71970.1
DG _o	Os038103_01	S6	0.000	-0.793	P	127.497	P	187.553	P	324.894	-1.350	LOC_Os10g26670.1
DG _o	Os038408_01	S6	-1.327	0.000	P	1689.034	P	673.348	P	600.252	1.493	LOC_Os09g25700.1
DG _o	Os038619_01	S6	-1.425	0.000	P	793.594	P	295.611	P	309.174	1.360	-
DG _o	Os038695_01	S6	1.105	0.000	P	154.038	P	331.377	P	470.713	-1.612	-
DG _o	Os038872_01	S6	-0.978	0.000	P	573.762	P	291.312	P	221.420	1.374	LOC_Os12g12590.1
DG _o	Os040328_01	S6	0.000	-1.309	P	128.360	P	210.649	P	521.885	-2.024	LOC_Os05g31400.1

DG _o	Os041632_01	S6	1.088	0.000	P	155.659	P	330.934	P	460.310	-1.564	-
DG _o	Os042725_01	S6	0.000	0.999	P	498.891	P	290.265	P	145.195	1.781	LOC_Os07g35740.1
DG _o	Os043254_01	S6	-0.915	1.116	P	1091.282	P	578.699	P	267.053	2.031	LOC_Os09g18070.1
DG _o	Os043506_01	S6	0.979	0.000	P	1560.361	P	3076.214	P	3767.608	-1.272	LOC_Os07g35880.1
DG _o	Os043803_01	S6	0.000	1.462	P	393.195	P	419.599	P	152.355	1.368	LOC_Os04g20280.1
DG _o	Os044170_01	S6	0.000	1.367	P	1363.415	P	818.623	P	317.338	2.103	LOC_Os01g40200.1
DG _o	Os044300_01	S6	-0.918	1.388	P	28043.626	P	14837.351	P	5668.032	2.307	LOC_Os05g11320.1
DG _o	Os044585_01	S6	0.000	1.768	P	1065.869	P	606.276	P	177.972	2.582	LOC_Os05g14360.1
DG _o	Os044943_01	S6	1.025	0.000	P	2065.793	P	4203.118	P	5129.766	-1.312	LOC_Os07g47750.1
DG _o	Os045112_01	S6	0.000	1.844	P	1012.676	P	623.743	P	173.707	2.543	-
DG _o	Os045347_01	S6	2.099	-1.003	P	107.935	P	462.411	P	926.753	-3.102	LOC_Os06g18120.1
DG _o	Os045398_01	S6	0.980	0.000	P	112.682	P	222.240	P	255.839	-1.183	LOC_Os12g25450.1
DG _o	Os045474_01	S6	0.000	-0.998	P	161.116	P	175.841	P	351.292	-1.125	LOC_Os06g11610.1
DG _o	Os045632_01	S6	-1.058	0.000	P	1614.371	P	775.501	P	594.596	1.441	LOC_Os07g18070.1
DG _o	Os045661_01	S6	-1.045	0.000	P	343.298	P	166.390	P	150.586	1.189	LOC_Os10g23180.1
DG _o	Os045935_01	S6	0.000	1.541	P	634.745	P	489.853	P	168.347	1.915	LOC_Os08g16790.1
DG _o	Os045964_01	S6	1.115	0.000	P	144.436	P	312.767	P	487.065	-1.754	-
DG _o	Os046147_01	S6	1.266	0.000	P	188.407	P	453.174	P	402.450	-1.095	LOC_Os03g10280.1
DG _o	Os046783_01	S6	1.322	-0.840	P	222.162	P	555.576	P	994.794	-2.163	LOC_Os01g13860.1
DG _o	Os047260_01	S6	0.000	0.930	P	9137.287	P	5527.999	P	2902.040	1.655	LOC_Os06g34840.1
DG _o	Os047560_01	S6	-1.378	0.000	P	1199.446	P	461.453	P	361.576	1.730	LOC_Os07g12890.1
DG _o	Os048668_01	S6	-1.365	0.000	P	516.053	P	200.413	P	229.727	1.168	LOC_Os06g43740.1
DG _o	Os049163_01	S6	1.318	0.000	P	118.221	P	294.700	P	264.099	-1.160	-
DG _o	Os050312_01	S6	-0.980	0.000	P	3750.263	P	1901.726	P	1101.093	1.768	-
DG _o	Os050385_01	S6	0.000	0.916	P	678.797	P	400.963	P	212.479	1.676	-
DG _o	Os051104_01	S6	0.000	0.994	P	854.876	P	741.080	P	372.009	1.200	-
DG _o	Os051409_01	S6	0.000	1.114	P	522.929	P	443.958	P	205.062	1.351	LOC_Os12g09954.1
DG _o	Os051817_01	S6	0.000	1.562	P	565.195	P	606.927	P	205.601	1.459	LOC_Os03g30660.1
DG _o	Os051935_01	S6	1.783	-1.306	P	283.152	P	974.493	P	2409.692	-3.089	LOC_Os01g15270.1
DG _o	Os051956_01	S6	-2.714	-1.298	P	8110.108	P	1236.032	P	3039.112	1.416	LOC_Os07g37240.1
DG _o	Os052060_01	S6	0.000	0.803	P	1156.329	P	861.146	P	493.458	1.229	LOC_Os08g43580.1

DG _o	Os052084_01	S6	0.000	0.911	P	549.872	P	394.280	P	209.736	1.391	LOC_Os11g32650.1
DG _o	Os052148_01	S6	1.019	0.000	P	163.722	P	331.742	P	409.175	-1.321	-
DG _o	Os052183_01	S6	0.000	0.910	P	246.018	P	190.885	P	101.552	1.277	LOC_Os01g66960.1
DG _o	Os052637_01	S6	0.000	0.874	P	480.852	P	412.565	P	225.115	1.095	-
DG _o	Os052672_01	S6	0.959	-0.846	P	136.308	P	265.028	P	476.465	-1.805	LOC_Os01g62810.2
DG _o	Os052686_01	S6	-1.000	0.000	P	909.323	P	454.506	P	291.290	1.642	LOC_Os10g26620.1
DG _o	Os052823_01	S6	-1.363	0.000	P	3345.283	P	1300.703	P	847.208	1.981	LOC_Os02g09460.1
DG _o	Os054267_01	S6	1.262	0.000	P	515.002	P	1235.009	P	1188.720	-1.207	-
DG _o	Os054577_01	S6	1.430	0.000	P	109.871	P	296.030	P	444.386	-2.016	LOC_Os04g55920.2
DG _o	Os054595_01	S6	1.049	0.000	P	271.426	P	561.540	P	707.675	-1.383	LOC_Os04g32950.1
DG _o	Os054604_01	S6	0.000	1.484	P	1466.830	P	1901.860	P	679.878	1.109	LOC_Os07g39350.1
DG _o	Os054627_01	S6	0.000	1.026	P	1865.317	P	1154.342	P	566.883	1.718	LOC_Os01g73940.1
DG _o	Os054657_01	S6	0.000	3.563	P	2850.569	P	1872.486	P	158.434	4.169	LOC_Os02g13870.1
DG _o	Os054752_01	S6	-1.105	0.000	P	1161.827	P	540.254	P	525.985	1.143	-
DG _o	Os054826_01	S6	1.079	0.000	P	238.611	P	503.913	P	746.794	-1.646	LOC_Os01g70210.1
DG _o	Os055024_01	S6	-0.976	0.000	P	829.270	P	421.675	P	314.357	1.399	LOC_Os04g53310.1
DG _o	Os055146_01	S6	0.000	0.931	P	582.353	P	364.643	P	191.316	1.606	LOC_Os08g39500.1
DG _o	Os055319_01	S6	1.345	0.000	P	173.818	P	441.662	P	478.664	-1.461	LOC_Os05g29990.1
DG _o	Os055340_01	S6	0.000	0.988	P	824.235	P	446.595	P	225.130	1.872	-
DG _o	Os055629_01	S6	1.302	0.000	P	242.213	P	597.131	P	780.237	-1.688	LOC_Os02g02340.1
DG _o	Os055646_01	S6	0.000	1.210	P	492.132	P	363.846	P	157.294	1.646	LOC_Os12g29670.1
DG _o	Os056918_02	S6	-2.382	0.000	P	2515.655	P	482.528	P	277.822	3.179	LOC_Os01g13690.1
DG _o	Os057161_02	S6	-1.167	0.000	P	970.455	P	432.133	P	378.251	1.359	LOC_Os03g62170.1
DG _o	Os057245_02	S6	-0.977	0.000	P	896.953	P	455.790	P	265.105	1.758	LOC_Os07g48010.1
DG _o	Os057284_02	S6	0.000	-0.966	P	485.329	P	528.944	P	1033.513	-1.091	LOC_Os07g02800.3
DG _o	Os057301_02	S6	0.000	-1.093	P	457.420	P	594.138	P	1267.502	-1.470	LOC_Os03g04710.1
DG _o	Os000445_01	S5	0.000	-1.632	P	707.109	P	733.146	P	2272.206	-1.684	LOC_Os01g37910.1
DG _o	Os000918_01	S5	0.000	-2.443	P	219.222	P	308.890	P	1680.033	-2.938	LOC_Os11g44960.1
DG _o	Os001385_01	S5	0.000	-1.947	P	1189.300	P	1232.829	P	4753.491	-1.999	LOC_Os02g05470.1
DG _o	Os002801_01	S5	1.579	0.000	P	523.877	P	1565.525	P	2588.921	-2.305	LOC_Os02g57340.1
DG _o	Os007109_01	S5	1.525	0.000	P	243.681	P	701.051	P	924.612	-1.924	LOC_Os05g25080.1

DG _o	Os007477_01	S5	1.185	0.000	P	221.778	P	504.306	P	869.085	-1.970	LOC_Os09g27230.1
DG _o	Os007500_01	S5	1.385	0.000	P	228.031	P	595.484	P	1155.529	-2.341	LOC_Os07g41190.1
DG _o	Os008169_01	S5	-1.177	0.000	P	3841.886	P	1699.681	P	951.132	2.014	LOC_Os02g40240.2
DG _o	Os008199_01	S5	0.000	-3.026	P	558.484	P	356.629	P	2904.364	-2.379	LOC_Os11g44990.1
DG _o	Os008450_01	S5	0.000	2.197	P	869.995	P	1100.703	P	240.123	1.857	LOC_Os01g67980.1
DG _o	Os008602_01	S5	0.000	1.902	P	1178.847	P	1553.034	P	415.633	1.504	LOC_Os05g06920.1
DG _o	Os008644_01	S5	1.578	0.000	P	354.733	P	1059.360	P	1605.732	-2.178	LOC_Os02g41520.1
DG _o	Os008851_01	S5	0.000	1.236	P	2079.491	P	1669.590	P	708.646	1.553	LOC_Os01g11710.1
DG _o	Os009003_01	S5	1.433	0.000	P	404.485	P	1092.310	P	1470.908	-1.863	LOC_Os08g09340.1
DG _o	Os009082_01	S5	1.412	0.000	P	231.136	P	615.031	P	830.745	-1.846	LOC_Os04g42430.2
DG _o	Os009107_01	S5	1.622	0.000	P	216.685	P	666.991	P	841.538	-1.957	LOC_Os02g50130.1
DG _o	Os009547_01	S5	0.000	-2.016	P	330.134	P	259.806	P	1051.139	-1.671	LOC_Os01g13570.1
DG _o	Os009784_01	S5	1.282	0.000	P	251.193	P	610.693	P	1031.693	-2.038	LOC_Os07g29794.1
DG _o	Os009787_01	S5	3.389	0.000	P	448.838	P	4702.046	P	2721.891	-2.600	LOC_Os07g23120.1
DG _o	Os010141_01	S5	0.000	-1.234	P	318.063	P	403.821	P	949.877	-1.578	-
DG _o	Os010477_01	S5	0.000	1.470	P	2039.709	P	997.689	P	360.172	2.502	-
DG _o	Os010642_01	S5	0.000	1.303	P	2296.653	P	1961.693	P	795.016	1.530	LOC_Os02g32570.1
DG _o	Os011512_01	S5	2.094	0.000	P	261.927	P	1118.425	P	868.133	-1.729	LOC_Os07g41370.1
DG _o	Os011660_01	S5	1.493	0.000	P	1225.279	P	3447.648	P	4417.228	-1.850	LOC_Os06g45820.1
DG _o	Os011667_01	S5	0.000	1.236	P	1834.736	P	907.206	P	385.072	2.252	LOC_Os01g60430.1
DG _o	Os011733_01	S5	1.758	0.000	P	1414.719	P	4784.119	P	4297.251	-1.603	LOC_Os06g51029.1
DG _o	Os011849_01	S5	0.000	2.011	P	505.227	P	485.088	P	120.363	2.070	LOC_Os09g36230.1
DG _o	Os011915_01	S5	0.000	-1.141	P	921.947	P	1224.187	P	2699.366	-1.550	LOC_Os05g49800.1
DG _o	Os012417_01	S5	0.000	-1.658	P	250.357	P	261.644	P	825.813	-1.722	LOC_Os04g47360.1
DG _o	Os012563_01	S5	0.000	-1.234	P	836.702	P	1117.782	P	2629.447	-1.652	LOC_Os12g12850.2
DG _o	Os012829_01	S5	1.192	-1.560	P	202.432	P	462.623	P	1364.366	-2.753	LOC_Os01g18630.1
DG _o	Os012841_01	S5	1.922	0.000	P	276.958	P	1049.319	P	1293.527	-2.224	LOC_Os05g16430.1
DG _o	Os012870_01	S5	1.489	0.000	P	258.332	P	725.028	P	793.571	-1.619	LOC_Os03g03670.1
DG _o	Os012876_01	S5	1.318	0.000	P	663.491	P	1653.729	P	1995.497	-1.589	LOC_Os05g50550.1
DG _o	Os012910_01	S5	1.750	0.000	P	340.312	P	1144.547	P	1404.248	-2.045	LOC_Os12g38170.1
DG _o	Os012921_01	S5	1.656	0.000	P	954.789	P	3009.029	P	2920.771	-1.613	LOC_Os04g56240.1

DG _o	Os013145_01	S5	1.823	0.000	P	339.961	P	1202.910	P	1067.217	-1.650	LOC_Os02g38820.1
DG _o	Os013325_01	S5	1.208	0.000	P	157.597	P	364.129	P	500.545	-1.667	LOC_Os08g39860.2
DG _o	Os013356_01	S5	1.856	-1.492	P	186.933	P	676.535	P	1903.027	-3.348	LOC_Os07g40974.1
DG _o	Os013426_01	S5	0.000	-1.173	P	376.294	P	843.536	P	1902.172	-2.338	LOC_Os12g35630.1
DG _o	Os013447_01	S5	-1.318	1.407	P	1848.274	P	741.169	P	279.587	2.725	LOC_Os02g34600.1
DG _o	Os013456_01	S5	1.469	0.000	P	290.381	P	804.074	P	918.796	-1.662	LOC_Os05g38640.1
DG _o	Os013650_01	S5	1.195	0.000	P	180.492	P	413.265	P	807.942	-2.162	LOC_Os02g22780.1
DG _o	Os014192_01	S5	1.426	0.000	P	419.376	P	1126.932	P	1342.100	-1.678	LOC_Os03g20790.1
DG _o	Os014285_01	S5	1.216	0.000	P	467.758	P	1086.867	P	2223.613	-2.249	LOC_Os08g14440.2
DG _o	Os014320_01	S5	1.726	0.000	P	357.867	P	1184.174	P	1554.781	-2.119	LOC_Os03g17570.3
DG _o	Os014364_01	S5	0.000	-3.668	P	574.168	P	423.839	P	5386.469	-3.230	LOC_Os01g45914.1
DG _o	Os014538_01	S5	1.361	0.000	P	1496.592	P	3842.933	P	6820.393	-2.188	LOC_Os06g51220.4
DG _o	Os014730_01	S5	-1.076	0.000	P	873.169	P	414.249	P	227.776	1.939	LOC_Os01g59350.2
DG _o	Os014849_01	S5	0.000	-1.474	P	268.163	P	286.771	P	796.896	-1.571	LOC_Os06g04510.1
DG _o	Os015095_01	S5	0.000	-2.124	P	199.667	P	264.165	P	1151.335	-2.528	LOC_Os01g73450.1
DG _o	Os015303_01	S5	1.655	0.000	P	256.634	P	808.033	P	1285.407	-2.324	LOC_Os04g37690.1
DG _o	Os015378_01	S5	0.000	1.626	P	449.111	P	463.261	P	150.121	1.581	LOC_Os12g39970.4
DG _o	Os015899_01	S5	0.000	1.709	P	2082.620	P	1168.179	P	357.229	2.543	LOC_Os12g42610.1
DG _o	Os015905_01	S5	0.000	-1.125	P	567.032	P	873.868	P	1905.705	-1.749	LOC_Os08g44290.1
DG _o	Os015957_01	S5	0.000	1.344	P	726.055	P	541.350	P	213.292	1.767	LOC_Os05g51780.1
DG _o	Os016013_01	S5	0.000	1.295	P	735.587	P	626.355	P	255.327	1.527	LOC_Os06g09540.1
DG _o	Os016057_01	S5	0.000	1.351	P	1287.604	P	1083.911	P	424.794	1.600	LOC_Os08g43500.1
DG _o	Os016076_01	S5	-1.154	1.285	P	3598.953	P	1616.797	P	663.617	2.439	LOC_Os03g01260.1
DG _o	Os016132_01	S5	1.479	0.000	P	210.114	P	585.859	P	1131.380	-2.429	LOC_Os04g14190.1
DG _o	Os016309_01	S5	1.570	0.000	P	543.461	P	1613.731	P	1709.066	-1.653	LOC_Os10g28360.1
DG _o	Os016527_01	S5	0.000	1.397	P	405.911	P	349.677	P	132.741	1.613	LOC_Os03g60220.1
DG _o	Os016575_01	S5	0.000	-1.150	P	467.455	P	1022.012	P	2267.393	-2.278	LOC_Os01g40630.1
DG _o	Os016615_01	S5	0.000	-2.244	P	834.222	P	1186.503	P	5621.190	-2.752	LOC_Os11g05050.2
DG _o	Os016661_01	S5	1.272	0.000	P	289.977	P	700.196	P	992.199	-1.775	LOC_Os08g25734.1
DG _o	Os016921_01	S5	0.000	-1.358	P	167.872	P	195.766	P	501.765	-1.580	LOC_Os07g47290.1
DG _o	Os017113_01	S5	1.245	0.000	P	360.280	P	854.069	P	1175.449	-1.706	LOC_Os03g63770.6

DG _o	Os017115_01	S5	1.278	0.000	P	559.488	P	1356.415	P	1920.215	-1.779	LOC_Os12g42550.1
DG _o	Os017277_01	S5	-1.273	1.572	P	2303.234	P	952.797	P	320.541	2.845	LOC_Os01g66510.1
DG _o	Os017305_01	S5	-1.598	1.872	P	2814.602	P	929.550	P	253.864	3.471	-
DG _o	Os017708_01	S5	1.252	0.000	P	144.993	P	345.414	P	483.338	-1.737	-
DG _o	Os017944_01	S5	0.000	-1.967	P	1843.577	P	2088.748	P	8168.542	-2.148	LOC_Os04g18090.1
DG _o	Os018138_01	S5	1.614	0.000	P	157.816	P	482.909	P	625.824	-1.988	LOC_Os10g36000.2
DG _o	Os018221_01	S5	0.000	-2.574	P	307.140	P	155.719	P	927.178	-1.594	-
DG _o	Os018397_01	S5	0.000	-2.122	P	142.125	P	156.181	P	679.924	-2.258	LOC_Os08g04450.4
DG _o	Os018515_01	S5	0.000	-1.194	P	534.648	P	696.285	P	1593.123	-1.575	LOC_Os02g43500.2
DG _o	Os018541_01	S5	0.000	-1.431	P	475.239	P	583.875	P	1573.826	-1.728	LOC_Os06g43660.1
DG _o	Os018714_01	S5	0.000	-1.427	P	257.122	P	278.108	P	747.575	-1.540	LOC_Os01g53020.1
DG _o	Os018804_01	S5	0.000	1.561	P	722.143	P	434.253	P	147.164	2.295	LOC_Os04g40520.1
DG _o	Os018929_01	S5	0.000	-1.375	P	235.402	P	402.742	P	1044.417	-2.149	LOC_Os01g09540.1
DG _o	Os018940_01	S5	0.000	1.520	P	1193.468	P	844.884	P	294.550	2.019	LOC_Os06g49700.2
DG _o	Os018960_01	S5	1.563	0.000	P	2970.030	P	8774.923	P	12830.056	-2.111	LOC_Os03g52840.1
DG _o	Os019026_01	S5	0.000	2.183	P	1093.322	P	658.356	P	144.999	2.915	-
DG _o	Os019258_01	S5	0.000	2.649	P	1424.743	P	1127.643	P	179.785	2.986	LOC_Os03g46190.2
DG _o	Os019287_01	S5	0.000	-1.881	P	269.977	P	363.239	P	1337.977	-2.309	LOC_Os01g65080.3
DG _o	Os019597_01	S5	0.000	-2.234	P	262.492	P	179.021	P	842.297	-1.682	LOC_Os11g10520.1
DG _o	Os019607_01	S5	0.000	-1.847	P	172.358	P	170.567	P	613.592	-1.832	LOC_Os03g53670.1
DG _o	Os019825_01	S5	1.491	0.000	P	480.148	P	1349.334	P	1631.305	-1.764	LOC_Os05g34070.1
DG _o	Os020137_01	S5	1.201	0.000	P	318.510	P	732.385	P	1077.991	-1.759	LOC_Os06g41670.1
DG _o	Os020633_01	S5	0.000	-1.188	P	195.295	P	274.580	P	625.745	-1.680	LOC_Os09g30120.1
DG _o	Os020969_01	S5	-1.159	0.000	P	1611.947	P	722.117	P	386.560	2.060	LOC_Os08g08800.1
DG _o	Os021180_01	S5	2.016	0.000	P	101.370	P	409.930	P	305.752	-1.593	LOC_Os01g65410.1
DG _o	Os021391_01	S5	1.336	0.000	P	688.988	P	1739.399	P	2014.911	-1.548	LOC_Os03g12670.2
DG _o	Os021489_01	S5	-1.266	0.000	P	1100.187	P	457.401	P	296.598	1.891	LOC_Os09g36990.1
DG _o	Os021841_01	S5	-1.417	0.000	P	2577.757	P	965.290	P	521.262	2.306	LOC_Os08g36410.1
DG _o	Os021870_01	S5	0.000	-1.785	P	128.790	P	251.443	P	866.334	-2.750	LOC_Os07g41060.1
DG _o	Os021978_01	S5	1.310	0.000	P	978.995	P	2427.421	P	3295.495	-1.751	LOC_Os02g39160.1
DG _o	Os022240_01	S5	0.000	-1.351	P	939.735	P	1522.834	P	3884.913	-2.048	LOC_Os05g13620.1

DG ₀	Os022309_01	S5	1.579	0.000	P	337.711	P	1009.118	P	1132.053	-1.745	LOC_Os05g10670.1
DG ₀	Os022480_01	S5	0.000	1.561	P	515.808	P	323.409	P	109.643	2.234	LOC_Os01g18220.1
DG ₀	Os023050_01	S5	0.000	1.658	P	538.223	P	568.556	P	180.156	1.579	LOC_Os06g02330.1
DG ₀	Os023497_01	S5	-1.939	0.000	P	721.248	P	188.145	P	174.756	2.045	-
DG ₀	Os023615_01	S5	1.696	0.000	P	168.403	P	545.604	P	1039.256	-2.626	-
DG ₀	Os023737_01	S5	0.000	1.482	P	1569.171	P	779.228	P	278.951	2.492	-
DG ₀	Os023923_01	S5	0.000	1.230	P	1209.545	P	652.352	P	278.107	2.121	LOC_Os07g18780.1
DG ₀	Os024100_01	S5	1.372	-1.091	P	142.444	P	368.776	P	785.472	-2.463	LOC_Os05g03750.1
DG ₀	Os024190_01	S5	0.000	-1.059	P	366.402	P	606.354	P	1263.307	-1.786	LOC_Os01g20160.1
DG ₀	Os024221_01	S5	0.000	1.768	P	1414.447	P	899.180	P	264.029	2.421	-
DG ₀	Os024669_01	S5	-1.373	2.683	P	3280.055	P	1265.972	P	197.163	4.056	LOC_Os07g03170.1
DG ₀	Os024723_01	S5	-1.254	0.000	P	845.361	P	354.524	P	212.849	1.990	LOC_Os11g05490.1
DG ₀	Os024798_01	S5	1.250	0.000	P	224.784	P	534.780	P	654.257	-1.541	LOC_Os05g48800.2
DG ₀	Os024919_01	S5	0.000	1.514	P	1718.186	P	1188.550	P	416.153	2.046	-
DG ₀	Os028605_01	S5	-1.245	0.000	P	1912.992	P	807.023	P	547.593	1.805	LOC_Os02g06380.1
DG ₀	Os028680_01	S5	2.012	0.000	P	198.308	P	800.081	P	1510.062	-2.929	LOC_Os07g06100.1
DG ₀	Os028785_01	S5	0.000	1.317	P	31823.651	P	21200.934	P	8508.819	1.903	LOC_Os02g38450.1
DG ₀	Os028876_01	S5	1.300	0.000	P	412.653	P	1016.100	P	1399.247	-1.762	LOC_Os07g40950.1
DG ₀	Os029713_01	S5	0.000	1.687	P	3959.518	P	1962.690	P	609.413	2.700	LOC_Os07g30990.1
DG ₀	Os030028_01	S5	1.196	0.000	P	323.428	P	740.940	P	1504.726	-2.218	LOC_Os01g02710.1
DG ₀	Os030032_01	S5	0.000	-1.194	P	177.921	P	247.040	P	565.226	-1.668	LOC_Os06g48560.1
DG ₀	Os031550_01	S5	1.528	0.000	P	268.232	P	773.544	P	942.119	-1.812	LOC_Os04g10924.1
DG ₀	Os032688_01	S5	2.008	0.000	P	180.626	P	726.505	P	1121.058	-2.634	LOC_Os07g26500.1
DG ₀	Os032700_01	S5	1.742	0.000	P	343.706	P	1149.688	P	1972.215	-2.521	LOC_Os10g09900.1
DG ₀	Os032943_01	S5	1.252	0.000	P	229.459	P	546.359	P	788.142	-1.780	LOC_Os11g24180.1
DG ₀	Os032955_01	S5	1.404	0.000	P	181.957	P	481.567	P	606.403	-1.737	LOC_Os06g28490.1
DG ₀	Os033341_01	S5	1.690	0.000	P	448.925	P	1448.138	P	1982.038	-2.142	LOC_Os02g34070.1
DG ₀	Os033536_01	S5	0.000	1.252	P	1115.326	P	780.230	P	327.540	1.768	LOC_Os02g13050.1
DG ₀	Os034119_01	S5	1.418	0.000	P	294.623	P	787.228	P	1270.285	-2.108	LOC_Os04g08080.1
DG ₀	Os034125_01	S5	1.266	0.000	P	351.456	P	845.212	P	1388.119	-1.982	LOC_Os03g08570.1
DG ₀	Os034439_01	S5	1.872	0.000	P	998.565	P	3653.890	P	6758.654	-2.759	LOC_Os03g32570.1

DG _o	Os034475_01	S5	1.548	0.000	P	1008.392	P	2948.839	P	3967.039	-1.976	LOC_Os08g35310.1
DG _o	Os034849_01	S5	1.222	0.000	P	621.741	P	1450.441	P	2294.948	-1.884	LOC_Os09g25010.1
DG _o	Os034986_01	S5	1.313	0.000	P	874.792	P	2172.830	P	3389.930	-1.954	-
DG _o	Os035023_01	S5	0.000	1.376	P	2002.856	P	1351.694	P	520.873	1.943	-
DG _o	Os036001_01	S5	1.355	0.000	P	433.824	P	1109.438	P	1668.062	-1.943	LOC_Os11g19070.1
DG _o	Os036737_01	S5	1.556	0.000	P	291.454	P	856.699	P	1397.957	-2.262	LOC_Os01g18370.1
DG _o	Os037264_01	S5	0.000	1.426	P	1205.909	P	1056.401	P	393.107	1.617	LOC_Os01g11620.1
DG _o	Os039580_01	S5	-1.573	1.415	P	963.911	P	324.032	P	121.479	2.988	LOC_Os02g40180.1
DG _o	Os040491_01	S5	0.000	1.587	P	3555.309	P	2891.130	P	962.152	1.886	LOC_Os01g52910.1
DG _o	Os041201_01	S5	-1.469	0.000	P	1701.576	P	614.802	P	306.409	2.473	LOC_Os03g53030.1
DG _o	Os041241_01	S5	-1.184	2.027	P	2841.481	P	1250.385	P	306.785	3.211	LOC_Os01g21270.1
DG _o	Os041337_01	S5	0.000	1.314	P	779.691	P	421.652	P	169.551	2.201	LOC_Os04g05490.1
DG _o	Os041663_01	S5	-1.106	1.495	P	3752.584	P	1742.818	P	618.270	2.602	LOC_Os01g70080.1
DG _o	Os042013_01	S5	1.208	0.000	P	5460.482	P	12614.492	P	19425.622	-1.831	LOC_Os08g19330.1
DG _o	Os042866_01	S5	0.000	1.347	P	668.045	P	467.413	P	183.731	1.862	LOC_Os10g05820.1
DG _o	Os042879_01	S5	-1.080	1.316	P	1027.260	P	486.063	P	195.269	2.395	-
DG _o	Os044144_01	S5	0.000	1.510	P	962.063	P	603.238	P	211.802	2.183	LOC_Os07g12700.1
DG _o	Os044170_01	S5	-1.260	0.000	P	1357.091	P	566.625	P	263.324	2.366	LOC_Os01g40200.1
DG _o	Os044300_01	S5	0.000	1.858	P	17689.327	P	13064.532	P	3603.851	2.295	LOC_Os05g11320.1
DG _o	Os044617_01	S5	1.964	0.000	P	865.918	P	3378.836	P	6184.661	-2.836	-
DG _o	Os044685_01	S5	0.000	1.813	P	1152.282	P	660.960	P	188.145	2.615	LOC_Os11g20600.1
DG _o	Os045034_01	S5	-1.176	1.327	P	999.808	P	442.462	P	176.343	2.503	LOC_Os10g28160.1
DG _o	Os045117_01	S5	-1.310	0.000	P	3221.344	P	1299.365	P	563.177	2.516	LOC_Os06g06310.1
DG _o	Os045364_01	S5	-1.083	0.000	P	616.086	P	290.746	P	216.421	1.509	LOC_Os09g01860.1
DG _o	Os045434_01	S5	1.493	0.000	P	186.307	P	524.469	P	652.264	-1.808	LOC_Os05g23210.1
DG _o	Os045565_01	S5	2.416	-1.333	P	141.545	P	755.608	P	1903.885	-3.750	LOC_Os10g09630.1
DG _o	Os046160_01	S5	-1.236	0.000	P	1117.104	P	474.417	P	293.964	1.926	LOC_Os07g32440.1
DG _o	Os046207_01	S5	-1.177	2.442	P	2122.686	P	938.604	P	172.784	3.619	LOC_Os02g12540.1
DG _o	Os046633_01	S5	0.000	1.847	P	1701.015	P	1342.336	P	373.220	2.188	-
DG _o	Os047672_01	S5	0.000	1.250	P	685.844	P	550.530	P	231.459	1.567	LOC_Os05g09720.1
DG _o	Os047994_01	S5	1.317	0.000	P	190.805	P	475.480	P	617.998	-1.696	LOC_Os06g44690.1

DG _o	Os048651_01	S5	0.000	1.881	P	788.649	P	449.015	P	121.910	2.694	LOC_Os10g28724.1
DG _o	Os048874_01	S5	1.837	0.000	P	337.987	P	1207.370	P	1067.787	-1.660	LOC_Os05g51930.1
DG _o	Os049215_01	S5	0.000	1.508	P	1636.884	P	1107.547	P	389.474	2.071	LOC_Os08g31550.1
DG _o	Os049435_01	S5	0.000	2.226	P	1408.459	P	893.190	P	190.897	2.883	-
DG _o	Os050200_01	S5	0.000	1.382	P	1207.389	P	1016.671	P	390.170	1.630	LOC_Os07g34640.2
DG _o	Os050398_01	S5	1.293	0.000	P	194.175	P	475.835	P	607.832	-1.646	LOC_Os11g12060.1
DG _o	Os050873_01	S5	-1.080	0.000	P	3089.722	P	1461.887	P	810.754	1.930	-
DG _o	Os051250_01	S5	0.000	1.584	P	3436.056	P	2894.178	P	965.262	1.832	-
DG _o	Os051737_01	S5	-1.159	0.000	P	2126.526	P	952.182	P	512.064	2.054	LOC_Os06g26050.1
DG _o	Os051935_01	S5	2.163	0.000	P	615.053	P	2754.164	P	2118.627	-1.784	LOC_Os01g15270.1
DG _o	Os051948_01	S5	0.000	-2.070	P	898.065	P	1606.427	P	6743.778	-2.909	LOC_Os11g06720.1
DG _o	Os052028_01	S5	0.000	-1.119	P	2685.366	P	4570.123	P	9928.958	-1.887	LOC_Os12g23200.1
DG _o	Os052059_01	S5	1.261	-1.257	P	392.187	P	940.122	P	2246.849	-2.518	LOC_Os09g26420.3
DG _o	Os052093_01	S5	0.000	-1.370	P	836.660	P	1657.315	P	4282.394	-2.356	LOC_Os02g38210.1
DG _o	Os052118_01	S5	0.000	-2.360	P	868.005	P	855.511	P	4392.072	-2.339	LOC_Os10g18340.1
DG _o	Os052122_01	S5	1.498	0.000	P	376.713	P	1063.958	P	1297.290	-1.784	LOC_Os02g04160.1
DG _o	Os052184_01	S5	0.000	-1.136	P	827.691	P	1125.421	P	2474.039	-1.580	LOC_Os06g08080.1
DG _o	Os052201_01	S5	-1.184	1.711	P	1619.826	P	712.961	P	217.806	2.895	LOC_Os07g46500.2
DG _o	Os052465_01	S5	1.521	0.000	P	193.030	P	553.829	P	573.226	-1.570	-
DG _o	Os052644_01	S5	0.000	1.667	P	969.770	P	815.533	P	256.904	1.916	LOC_Os01g37590.1
DG _o	Os052870_01	S5	1.391	0.000	P	236.481	P	620.263	P	699.111	-1.564	LOC_Os01g21820.1
DG _o	Os053101_01	S5	0.000	1.816	P	843.537	P	526.149	P	149.442	2.497	LOC_Os03g62210.1
DG _o	Os053247_01	S5	0.000	-1.408	P	152.359	P	215.928	P	572.990	-1.911	LOC_Os10g40830.1
DG _o	Os053987_01	S5	0.000	-1.706	P	270.981	P	280.435	P	914.872	-1.755	LOC_Os01g65190.1
DG _o	Os054121_01	S5	1.493	0.000	P	210.903	P	593.447	P	696.864	-1.724	LOC_Os09g10700.1
DG _o	Os054446_01	S5	1.552	0.000	P	1741.734	P	5107.354	P	5717.622	-1.715	LOC_Os07g01760.1
DG _o	Os054448_01	S5	0.000	-1.256	P	237.919	P	330.926	P	790.266	-1.732	LOC_Os06g48750.2
DG _o	Os054450_01	S5	0.000	-1.170	P	492.335	P	811.431	P	1825.452	-1.891	LOC_Os04g57220.3
DG _o	Os054458_01	S5	0.000	-1.283	P	601.530	P	754.533	P	1836.295	-1.610	LOC_Os12g05050.1
DG _o	Os054509_01	S5	1.261	0.000	P	2928.737	P	7021.245	P	8701.674	-1.571	LOC_Os02g47020.1
DG _o	Os054516_01	S5	1.312	0.000	P	235.868	P	585.546	P	752.511	-1.674	LOC_Os11g14920.1

DG ₀	Os054578_01	S5	1.323	0.000	P	315.996	P	790.568	P	1271.839	-2.009	LOC_Os02g39630.2
DG ₀	Os054743_01	S5	1.658	0.000	P	159.736	P	503.969	P	513.253	-1.684	LOC_Os01g64970.1
DG ₀	Os054779_01	S5	0.000	-1.208	P	382.996	P	697.908	P	1612.455	-2.074	LOC_Os01g13770.1
DG ₀	Os054826_01	S5	1.843	0.000	P	227.116	P	814.830	P	739.046	-1.702	LOC_Os01g70210.1
DG ₀	Os054984_01	S5	1.254	0.000	P	282.168	P	673.010	P	945.191	-1.744	LOC_Os05g51450.1
DG ₀	Os055222_01	S5	1.309	0.000	P	147.839	P	366.199	P	622.588	-2.074	LOC_Os01g59060.1
DG ₀	Os055308_01	S5	0.000	1.312	P	492.113	P	382.762	P	154.174	1.674	LOC_Os07g48020.1
DG ₀	Os055352_01	S5	0.000	1.264	P	1791.365	P	1212.926	P	505.096	1.826	-
DG ₀	Os055529_01	S5	1.370	0.000	P	590.578	P	1526.158	P	1719.317	-1.542	LOC_Os04g56230.1
DG ₀	Os055703_01	S5	0.000	-1.285	P	343.760	P	418.695	P	1020.445	-1.570	LOC_Os01g31680.1
DG ₀	Os056446_01	S5	0.000	-1.841	P	155.003	P	292.045	P	1046.030	-2.755	LOC_Os01g74160.1
DG ₀	Os056918_02	S5	0.000	2.472	P	4233.063	P	3715.749	P	669.686	2.660	LOC_Os01g13690.1
DG ₀	Os056934_02	S5	0.000	-1.217	P	440.134	P	600.759	P	1396.917	-1.666	-
DG ₀	Os057238_02	S5	0.000	-1.571	P	261.907	P	261.680	P	777.270	-1.569	LOC_Os01g65350.1
DG ₀	Os057254_02	S5	0.000	-1.250	P	9476.819	P	16128.246	P	38362.689	-2.017	-
DG ₀	Os057275_02	S5	1.388	0.000	P	428.356	P	1121.100	P	1925.411	-2.168	-
DG ₀	Os057286_02	S5	1.811	0.000	P	965.292	P	3386.905	P	2812.779	-1.543	LOC_Os01g43150.1
DG ₀	Os000271_01	S4	1.671	0.000	P	264.202	P	841.068	P	966.739	-1.871	LOC_Os02g22100.7
DG ₀	Os000322_01	S4	1.586	0.000	P	449.951	P	1351.268	P	2065.001	-2.198	LOC_Os07g28610.2
DG ₀	Os000440_01	S4	-2.796	0.000	P	3553.177	P	511.441	P	883.197	2.008	LOC_Os04g52090.1
DG ₀	Os000918_01	S4	0.000	-1.846	P	192.203	P	397.132	P	1427.755	-2.893	LOC_Os11g44960.1
DG ₀	Os000954_01	S4	-1.206	0.000	P	843.678	P	365.801	P	233.669	1.852	LOC_Os02g39350.1
DG ₀	Os001428_01	S4	0.000	-1.374	P	195.773	P	253.165	P	655.997	-1.745	LOC_Os11g33320.1
DG ₀	Os001786_01	S4	-1.869	0.000	P	746.116	P	204.208	P	123.719	2.592	LOC_Os02g09980.1
DG ₀	Os001903_01	S4	0.000	2.444	P	1116.143	P	1121.143	P	205.973	2.438	LOC_Os01g68290.1
DG ₀	Os001934_01	S4	2.335	0.000	P	128.519	P	648.454	P	1200.048	-3.223	-
DG ₀	Os002299_01	S4	0.000	-1.500	P	190.393	P	281.009	P	794.922	-2.062	LOC_Os01g50830.1
DG ₀	Os002353_01	S4	0.000	2.459	P	1262.639	P	1366.877	P	248.601	2.345	LOC_Os03g38470.1
DG ₀	Os002671_01	S4	0.000	-2.012	P	245.289	P	217.910	P	878.628	-1.841	LOC_Os03g51440.1
DG ₀	Os002952_01	S4	1.652	0.000	P	132.110	P	415.265	P	649.721	-2.298	LOC_Os10g10750.1
DG ₀	Os003566_01	S4	0.000	1.727	P	595.802	P	415.484	P	125.541	2.247	-

DG _o	Os004399_01	S4	-1.249	1.553	P	2905.520	P	1222.823	P	416.601	2.802	LOC_Os02g40180.1
DG _o	Os008199_01	S4	0.000	-2.842	P	135.625	P	268.463	P	1925.403	-3.827	LOC_Os11g44990.1
DG _o	Os008441_01	S4	-1.170	0.000	P	1357.710	P	603.348	P	383.213	1.825	LOC_Os03g49190.1
DG _o	Os008450_01	S4	0.000	2.260	P	4049.994	P	2243.962	P	468.422	3.112	LOC_Os01g67980.1
DG _o	Os008614_01	S4	0.000	1.432	P	640.154	P	442.178	P	163.890	1.966	LOC_Os05g49160.2
DG _o	Os008896_01	S4	0.000	-1.691	P	233.492	P	242.524	P	783.088	-1.746	LOC_Os04g51520.1
DG _o	Os009163_01	S4	0.000	1.666	P	395.405	P	350.229	P	110.356	1.841	LOC_Os02g05830.1
DG _o	Os009287_01	S4	2.207	0.000	P	508.694	P	2348.417	P	3948.679	-2.956	LOC_Os01g16660.1
DG _o	Os009787_01	S4	0.000	-1.680	P	270.966	P	643.513	P	2061.516	-2.928	LOC_Os07g23120.1
DG _o	Os009921_01	S4	0.000	2.617	P	1159.682	P	1341.565	P	218.629	2.407	LOC_Os02g50620.1
DG _o	Os009929_01	S4	1.737	0.000	P	160.898	P	536.196	P	725.521	-2.173	LOC_Os02g31860.1
DG _o	Os009934_01	S4	2.353	0.000	P	242.306	P	1238.084	P	902.843	-1.898	LOC_Os01g49230.1
DG _o	Os009935_01	S4	1.600	0.000	P	2288.657	P	6935.692	P	13354.758	-2.545	LOC_Os04g52060.1
DG _o	Os009937_01	S4	1.440	0.000	P	185.678	P	503.796	P	627.580	-1.757	LOC_Os05g34260.1
DG _o	Os009964_01	S4	3.088	0.000	P	159.270	P	1354.195	P	2643.818	-4.053	LOC_Os09g20880.1
DG _o	Os009971_01	S4	7.123	-1.161	P	169.436	P	23616.728	P	52811.056	-8.284	LOC_Os03g05330.1
DG _o	Os010001_01	S4	3.000	0.000	P	332.192	P	2657.336	P	2455.062	-2.886	LOC_Os08g02200.1
DG _o	Os010125_01	S4	2.896	0.000	P	160.836	P	1196.822	P	1432.069	-3.154	LOC_Os07g06600.1
DG _o	Os010130_01	S4	0.000	1.466	P	478.083	P	370.564	P	134.098	1.834	LOC_Os02g13960.1
DG _o	Os010148_01	S4	7.126	0.000	P	136.040	P	19001.727	P	38480.253	-8.144	-
DG _o	Os010152_01	S4	2.024	0.000	P	116.616	P	474.153	P	634.634	-2.444	-
DG _o	Os010171_01	S4	-2.098	0.000	P	1401.721	P	327.435	P	252.138	2.475	-
DG _o	Os010179_01	S4	1.567	0.000	P	119.337	P	353.476	P	434.030	-1.863	LOC_Os09g30410.1
DG _o	Os010193_01	S4	0.000	2.462	P	944.975	P	1429.772	P	259.437	1.865	LOC_Os12g34010.1
DG _o	Os010211_01	S4	2.152	0.000	P	182.198	P	809.936	P	1315.856	-2.852	LOC_Os10g41800.1
DG _o	Os010217_01	S4	3.993	0.000	P	109.284	P	1740.432	P	2503.831	-4.518	LOC_Os08g06540.1
DG _o	Os010244_01	S4	7.299	0.000	P	137.544	P	21652.658	P	47323.171	-8.427	-
DG _o	Os010260_01	S4	2.956	0.000	P	138.728	P	1076.856	P	1688.101	-3.605	-
DG _o	Os010286_01	S4	1.560	0.000	P	220.439	P	649.843	P	1190.308	-2.433	LOC_Os07g38990.1
DG _o	Os010290_01	S4	2.718	0.000	P	153.002	P	1006.495	P	923.460	-2.594	LOC_Os03g09880.1
DG _o	Os010291_01	S4	3.299	0.000	P	189.502	P	1864.533	P	1960.108	-3.371	LOC_Os01g48710.1

DG ₀	Os010326_01	S4	3.713	0.000	P	86.996	P	1140.517	P	1866.548	-4.423	LOC_Os07g43310.1
DG ₀	Os010344_01	S4	3.839	0.000	P	112.285	P	1606.876	P	1966.261	-4.130	LOC_Os04g53370.1
DG ₀	Os010355_01	S4	6.429	0.000	P	180.603	P	15565.852	P	31883.952	-7.464	-
DG ₀	Os010372_01	S4	0.000	1.471	P	32216.657	P	17969.609	P	6483.866	2.313	LOC_Os01g14410.1
DG ₀	Os010388_01	S4	1.684	0.000	P	140.964	P	452.794	P	575.816	-2.030	-
DG ₀	Os010400_01	S4	4.403	-1.441	P	175.214	P	3708.073	P	10066.630	-5.844	LOC_Os07g38540.1
DG ₀	Os010407_01	S4	2.083	0.000	P	429.134	P	1818.763	P	1714.660	-1.998	LOC_Os08g08120.3
DG ₀	Os010416_01	S4	1.573	0.000	P	188.906	P	562.074	P	906.103	-2.262	LOC_Os08g04340.1
DG ₀	Os010424_01	S4	4.936	0.000	P	525.150	P	16073.163	P	35292.105	-6.070	LOC_Os03g15080.2
DG ₀	Os010435_01	S4	4.166	0.000	P	276.207	P	4956.970	P	9344.703	-5.080	LOC_Os04g36770.1
DG ₀	Os010446_01	S4	1.769	-1.631	P	183.134	P	623.950	P	1933.190	-3.400	LOC_Os04g56390.1
DG ₀	Os010477_01	S4	1.604	0.000	P	217.454	P	660.922	P	830.997	-1.934	-
DG ₀	Os010478_01	S4	3.897	0.000	P	152.934	P	2277.637	P	4225.654	-4.788	LOC_Os03g50110.1
DG ₀	Os010488_01	S4	2.904	0.000	P	334.247	P	2501.991	P	3576.480	-3.420	-
DG ₀	Os010490_01	S4	2.234	-1.292	P	149.763	P	704.376	P	1724.887	-3.526	LOC_Os03g49480.1
DG ₀	Os010492_01	S4	3.890	0.000	P	119.891	P	1777.161	P	1626.455	-3.762	LOC_Os04g46930.2
DG ₀	Os010501_01	S4	0.000	2.406	P	471.383	P	660.990	P	124.706	1.918	LOC_Os09g26670.1
DG ₀	Os010503_01	S4	7.377	0.000	P	128.082	P	21297.701	P	31044.783	-7.921	LOC_Os06g49690.1
DG ₀	Os010568_01	S4	3.204	0.000	P	110.453	P	1017.902	P	637.859	-2.530	LOC_Os01g60260.2
DG ₀	Os010606_01	S4	4.611	0.000	P	190.094	P	4643.920	P	9020.575	-5.568	LOC_Os10g02490.2
DG ₀	Os010623_01	S4	7.532	0.000	P	127.622	P	23618.982	P	35241.142	-8.109	LOC_Os04g42490.1
DG ₀	Os011134_01	S4	1.622	0.000	P	200.299	P	616.668	P	866.956	-2.114	LOC_Os01g37000.1
DG ₀	Os011344_01	S4	0.000	1.577	P	1612.553	P	1290.167	P	432.360	1.899	-
DG ₀	Os011581_01	S4	0.000	2.215	P	1219.595	P	1069.074	P	230.218	2.405	LOC_Os03g58580.1
DG ₀	Os011874_01	S4	-1.221	0.000	P	1177.197	P	505.001	P	238.198	2.305	LOC_Os03g47610.8
DG ₀	Os012159_01	S4	1.930	0.000	P	206.206	P	785.575	P	1052.518	-2.352	LOC_Os12g01140.1
DG ₀	Os012670_01	S4	2.353	0.000	P	176.773	P	903.287	P	627.695	-1.828	LOC_Os04g33310.1
DG ₀	Os012919_01	S4	0.000	-1.500	P	772.632	P	920.764	P	2603.706	-1.753	LOC_Os01g11054.1
DG ₀	Os013530_01	S4	0.000	1.953	P	616.154	P	482.351	P	124.593	2.306	LOC_Os08g30060.2
DG ₀	Os013541_01	S4	1.683	0.000	P	119.919	P	385.122	P	485.252	-2.017	LOC_Os10g22510.1
DG ₀	Os013556_01	S4	2.424	0.000	P	62.731	P	336.544	P	244.819	-1.964	LOC_Os02g35560.1

DG _o	Os013775_01	S4	1.695	0.000	P	168.634	P	546.126	P	926.899	-2.459	LOC_Os01g48930.1
DG _o	Os014025_01	S4	1.981	0.000	P	123.616	P	488.067	P	590.247	-2.255	-
DG _o	Os014307_01	S4	-1.140	0.000	P	704.128	P	319.553	P	134.247	2.391	LOC_Os07g32630.1
DG _o	Os014364_01	S4	2.778	-1.683	P	347.372	P	2382.061	P	7650.920	-4.461	LOC_Os01g45914.1
DG _o	Os014662_01	S4	0.000	1.813	P	494.338	P	394.158	P	112.190	2.140	LOC_Os03g17580.1
DG _o	Os014740_01	S4	1.758	0.000	P	1908.198	P	6453.257	P	6421.947	-1.751	LOC_Os07g36080.1
DG _o	Os015155_01	S4	2.427	0.000	P	117.491	P	631.698	P	505.651	-2.106	LOC_Os01g71590.3
DG _o	Os015919_01	S4	-1.838	0.000	P	1165.453	P	326.030	P	279.465	2.060	LOC_Os03g44010.2
DG _o	Os015952_01	S4	1.851	0.000	P	499.703	P	1802.787	P	2350.812	-2.234	LOC_Os10g37280.1
DG _o	Os016132_01	S4	3.079	0.000	P	184.648	P	1560.633	P	2686.555	-3.863	LOC_Os04g14190.1
DG _o	Os016152_01	S4	1.516	0.000	P	874.575	P	2501.430	P	3347.606	-1.936	-
DG _o	Os016404_01	S4	1.608	0.000	P	1246.669	P	3800.107	P	6181.756	-2.310	LOC_Os01g15610.1
DG _o	Os016907_01	S4	0.000	1.836	P	639.559	P	387.323	P	108.476	2.560	LOC_Os11g40590.3
DG _o	Os017305_01	S4	0.000	-1.228	P	619.981	P	1249.267	P	2927.048	-2.239	-
DG _o	Os017820_01	S4	0.000	1.404	P	1269.154	P	838.610	P	316.947	2.002	LOC_Os04g36062.1
DG _o	Os017954_01	S4	0.000	1.866	P	926.876	P	856.205	P	234.847	1.981	LOC_Os08g04840.1
DG _o	Os018190_01	S4	0.000	1.900	P	444.104	P	410.004	P	109.872	2.015	LOC_Os01g43700.2
DG _o	Os018196_01	S4	-1.484	0.000	P	872.117	P	311.686	P	192.298	2.181	LOC_Os03g55070.2
DG _o	Os018314_01	S4	-1.219	0.000	P	1844.997	P	792.369	P	474.849	1.958	LOC_Os01g50050.1
DG _o	Os018766_01	S4	-1.280	0.000	P	2146.747	P	883.796	P	571.001	1.911	LOC_Os04g40670.1
DG _o	Os018989_01	S4	0.000	2.352	P	1147.847	P	876.495	P	171.634	2.742	LOC_Os02g56850.3
DG _o	Os019400_01	S4	-2.028	0.000	P	1397.183	P	342.639	P	289.000	2.273	LOC_Os01g70790.1
DG _o	Os019412_01	S4	0.000	1.655	P	528.494	P	439.362	P	139.471	1.922	LOC_Os04g56140.1
DG _o	Os019712_01	S4	1.847	0.000	P	327.278	P	1177.192	P	1817.385	-2.473	LOC_Os02g11060.1
DG _o	Os019787_01	S4	0.000	2.023	P	822.405	P	685.078	P	168.524	2.287	LOC_Os05g33100.1
DG _o	Os019947_01	S4	0.000	1.551	P	364.197	P	255.620	P	87.252	2.061	LOC_Os11g12050.2
DG _o	Os020318_01	S4	1.449	0.000	P	183.327	P	500.420	P	638.566	-1.800	LOC_Os07g14160.3
DG _o	Os020450_01	S4	0.000	1.769	P	653.615	P	560.854	P	164.506	1.990	LOC_Os08g34950.1
DG _o	Os020576_01	S4	1.613	0.000	P	202.768	P	620.327	P	1163.569	-2.521	LOC_Os03g56270.2
DG _o	Os020948_01	S4	0.000	1.633	P	614.873	P	456.864	P	147.299	2.062	LOC_Os04g46880.2
DG _o	Os021555_01	S4	0.000	1.641	P	474.283	P	366.419	P	117.456	2.014	LOC_Os05g04530.1

DG _o	Os021788_01	S4	0.000	1.739	P	524.009	P	360.129	P	107.870	2.280	LOC_Os07g10480.1
DG _o	Os021870_01	S4	0.000	-1.285	P	312.520	P	626.661	P	1526.750	-2.288	LOC_Os07g41060.1
DG _o	Os022024_01	S4	-1.151	0.000	P	1051.795	P	473.773	P	261.665	2.007	LOC_Os02g03840.1
DG _o	Os022090_01	S4	1.802	0.000	P	79.130	P	275.904	P	275.554	-1.800	LOC_Os04g47250.1
DG _o	Os022442_01	S4	2.622	0.000	P	126.988	P	781.851	P	1018.231	-3.003	-
DG _o	Os023251_01	S4	3.301	0.000	P	130.423	P	1285.709	P	736.444	-2.497	-
DG _o	Os024073_01	S4	0.000	2.478	P	694.039	P	778.085	P	139.627	2.313	-
DG _o	Os024100_01	S4	0.000	-1.513	P	251.651	P	418.044	P	1193.111	-2.245	LOC_Os05g03750.1
DG _o	Os025787_01	S4	0.000	4.119	P	23473.327	P	21224.196	P	1221.412	4.264	LOC_Os12g04980.1
DG _o	Os026025_01	S4	0.000	1.668	P	1026.865	P	695.380	P	218.847	2.230	LOC_Os02g02930.1
DG _o	Os026150_01	S4	2.236	0.000	P	273.431	P	1288.337	P	1886.239	-2.786	LOC_Os01g07620.1
DG _o	Os028680_01	S4	2.516	0.000	P	176.619	P	1010.529	P	1334.953	-2.918	LOC_Os07g06100.1
DG _o	Os028716_01	S4	0.000	2.819	P	654.475	P	554.809	P	78.628	3.057	LOC_Os02g07320.1
DG _o	Os029713_01	S4	-1.069	0.000	P	8561.171	P	4079.924	P	1944.936	2.138	LOC_Os07g30990.1
DG _o	Os029900_01	S4	0.000	-1.736	P	241.954	P	258.609	P	861.352	-1.832	-
DG _o	Os030032_01	S4	1.460	0.000	P	117.719	P	323.840	P	555.294	-2.238	LOC_Os06g48560.1
DG _o	Os030155_01	S4	0.000	-3.924	P	165.288	P	334.314	P	5074.039	-4.940	LOC_Os02g14080.1
DG _o	Os030295_01	S4	2.477	0.000	P	2246.705	P	12508.171	P	24811.688	-3.465	LOC_Os12g08150.1
DG _o	Os030630_01	S4	0.000	-1.639	P	144.045	P	207.942	P	647.831	-2.169	LOC_Os03g26470.1
DG _o	Os030993_01	S4	0.000	-2.379	P	338.510	P	361.250	P	1879.004	-2.473	-
DG _o	Os031740_01	S4	0.000	1.933	P	832.534	P	513.149	P	134.399	2.631	LOC_Os07g05890.1
DG _o	Os031745_01	S4	1.815	0.000	P	3188.687	P	11221.626	P	19808.633	-2.635	-
DG _o	Os032085_01	S4	0.000	-1.933	P	145.794	P	185.783	P	709.633	-2.283	LOC_Os06g10980.1
DG _o	Os032441_01	S4	0.000	-1.755	P	190.922	P	314.971	P	1062.853	-2.477	LOC_Os03g29470.1
DG _o	Os032459_01	S4	0.000	-1.649	P	96.981	P	178.984	P	561.184	-2.533	LOC_Os02g44560.1
DG _o	Os032489_01	S4	0.000	-4.401	P	127.711	P	276.961	P	5849.591	-5.517	LOC_Os06g38080.1
DG _o	Os032863_01	S4	0.000	-1.507	P	234.089	P	285.075	P	810.266	-1.791	-
DG _o	Os033054_01	S4	0.000	-1.908	P	162.008	P	160.838	P	603.510	-1.897	-
DG _o	Os033172_01	S4	0.000	-2.157	P	236.986	P	250.108	P	1115.154	-2.234	LOC_Os03g31790.1
DG _o	Os034271_01	S4	0.000	1.475	P	657.648	P	489.161	P	175.951	1.902	LOC_Os09g09230.1
DG _o	Os034759_01	S4	0.000	2.490	P	6599.000	P	3807.500	P	677.710	3.284	LOC_Os04g13090.1

DG _o	Os035262_01	S4	0.000	-1.706	P	118.700	P	202.874	P	662.105	-2.480	LOC_Os05g32060.1
DG _o	Os037234_01	S4	0.000	2.476	P	1080.291	P	836.987	P	150.453	2.844	LOC_Os07g11440.1
DG _o	Os037668_01	S4	1.712	0.000	P	2940.253	P	9635.683	P	17165.011	-2.545	LOC_Os04g40120.1
DG _o	Os038923_01	S4	0.000	1.661	P	357.685	P	315.860	P	99.908	1.840	LOC_Os11g05830.1
DG _o	Os039580_01	S4	0.000	1.796	P	1759.927	P	945.870	P	272.475	2.691	LOC_Os02g40180.1
DG _o	Os039707_01	S4	1.780	0.000	P	139.641	P	479.485	P	559.973	-2.004	-
DG _o	Os039819_01	S4	-1.294	0.000	P	793.478	P	323.630	P	193.561	2.035	LOC_Os12g40260.1
DG _o	Os040011_01	S4	0.000	2.177	P	319.851	P	342.186	P	75.688	2.079	LOC_Os04g07930.1
DG _o	Os040796_01	S4	0.000	-1.839	P	147.932	P	161.152	P	576.508	-1.962	LOC_Os04g55400.1
DG _o	Os041269_01	S4	2.069	0.000	P	112.040	P	469.960	P	800.391	-2.837	LOC_Os10g01500.1
DG _o	Os041845_01	S4	1.616	0.000	P	102.517	P	314.321	P	460.383	-2.167	LOC_Os02g29540.1
DG _o	Os042013_01	S4	2.161	-1.159	P	4661.550	P	20841.968	P	46528.396	-3.319	LOC_Os08g19330.1
DG _o	Os043715_01	S4	1.975	0.000	P	101.660	P	399.695	P	529.770	-2.382	LOC_Os10g39070.1
DG _o	Os043803_01	S4	0.000	1.922	P	649.536	P	698.264	P	184.283	1.817	LOC_Os04g20280.1
DG _o	Os044300_01	S4	-1.741	2.115	P	47812.906	P	14303.377	P	3301.022	3.856	LOC_Os05g11320.1
DG _o	Os044617_01	S4	2.064	-1.248	P	1169.763	P	4889.638	P	11612.922	-3.311	-
DG _o	Os044797_01	S4	2.182	0.000	P	83.710	P	379.820	P	287.910	-1.782	LOC_Os09g19180.1
DG _o	Os045117_01	S4	1.454	0.000	P	561.879	P	1539.465	P	2282.026	-2.022	LOC_Os06g06310.1
DG _o	Os045207_01	S4	1.538	0.000	P	990.916	P	2877.874	P	5077.840	-2.357	-
DG _o	Os045347_01	S4	1.943	0.000	P	306.513	P	1178.336	P	1494.422	-2.286	LOC_Os06g18120.1
DG _o	Os045359_01	S4	1.756	0.000	P	406.518	P	1372.924	P	2373.585	-2.546	LOC_Os06g09250.1
DG _o	Os045565_01	S4	2.614	-1.186	P	265.063	P	1623.183	P	3693.918	-3.801	LOC_Os10g09630.1
DG _o	Os045577_01	S4	1.845	0.000	P	1138.655	P	4089.516	P	6179.461	-2.440	LOC_Os12g07990.1
DG _o	Os045664_01	S4	1.626	0.000	P	1376.601	P	4248.104	P	5699.891	-2.050	LOC_Os02g25890.1
DG _o	Os046413_01	S4	1.503	0.000	P	239.450	P	678.554	P	1012.207	-2.080	LOC_Os02g11990.1
DG _o	Os047459_01	S4	1.838	0.000	P	745.318	P	2664.496	P	4430.438	-2.572	LOC_Os01g12940.1
DG _o	Os047880_01	S4	1.738	0.000	P	277.669	P	926.222	P	1227.911	-2.145	-
DG _o	Os048713_01	S4	0.000	-1.224	P	534.776	P	825.742	P	1928.644	-1.851	LOC_Os11g27090.1
DG _o	Os049013_01	S4	1.655	0.000	P	112.071	P	352.880	P	385.869	-1.784	LOC_Os02g29170.1
DG _o	Os049649_01	S4	1.436	0.000	P	220.448	P	596.649	P	931.317	-2.079	-
DG _o	Os051250_01	S4	0.000	1.869	P	904.855	P	862.616	P	236.229	1.938	-

DG _o	Os051869_01	S4	0.000	-3.008	P	173.269	P	158.138	P	1272.576	-2.877	LOC_Os11g45090.1
DG _o	Os051916_01	S4	0.000	1.453	P	13385.812	P	9660.851	P	3529.827	1.923	LOC_Os06g46770.2
DG _o	Os052084_01	S4	0.000	3.153	P	1661.197	P	896.892	P	100.825	4.042	LOC_Os11g32650.1
DG _o	Os052161_01	S4	1.679	0.000	P	134.796	P	431.650	P	519.688	-1.947	LOC_Os02g02960.4
DG _o	Os052234_01	S4	0.000	1.815	P	1424.245	P	1158.667	P	329.260	2.113	-
DG _o	Os052911_01	S4	1.986	0.000	P	98.336	P	389.588	P	513.198	-2.384	LOC_Os08g04500.1
DG _o	Os053372_01	S4	0.000	-1.782	P	87.639	P	177.205	P	609.355	-2.798	LOC_Os01g03500.1
DG _o	Os054491_01	S4	1.589	0.000	P	311.942	P	938.283	P	1757.764	-2.494	-
DG _o	Os054741_01	S4	2.208	-1.477	P	177.272	P	819.139	P	2279.495	-3.685	-
DG _o	Os055644_01	S4	0.000	1.412	P	2211.992	P	1182.623	P	444.442	2.315	LOC_Os01g61400.1
DG _o	Os057647_02	S4	2.014	-1.359	P	145.488	P	587.464	P	1507.323	-3.373	-
DG _o	Os000128_01	S7	0.000	-1.771	P	1285.015	P	1244.609	P	4248.274	-1.725	LOC_Os06g12740.1
DG _o	Os000151_01	S7	0.000	-1.448	P	168.742	P	210.424	P	574.097	-1.766	LOC_Os10g41260.1
DG _o	Os000174_01	S7	0.749	-1.522	P	285.199	P	479.445	P	1377.014	-2.272	LOC_Os04g17100.1
DG _o	Os000205_01	S7	-1.013	0.000	P	907.306	P	449.457	P	231.751	1.969	LOC_Os04g42860.1
DG _o	Os000208_01	S7	-1.197	0.000	P	1219.405	P	532.046	P	380.437	1.680	LOC_Os02g09150.1
DG _o	Os000219_01	S7	0.000	1.606	P	784.479	P	758.077	P	249.094	1.655	LOC_Os09g36830.1
DG _o	Os000273_01	S7	0.000	1.773	P	2014.882	P	1773.771	P	519.033	1.957	LOC_Os04g48490.1
DG _o	Os000386_01	S7	0.000	-1.753	P	259.690	P	310.364	P	1046.275	-2.010	LOC_Os06g08670.1
DG _o	Os000403_01	S7	0.000	-1.879	P	225.449	P	277.639	P	1021.110	-2.179	LOC_Os12g08260.2
DG _o	Os000442_01	S7	-1.271	0.000	P	1080.669	P	447.880	P	197.044	2.455	LOC_Os03g01320.1
DG _o	Os000533_01	S7	0.000	1.656	P	1496.825	P	1282.926	P	406.989	1.879	LOC_Os06g10760.1
DG _o	Os000743_01	S7	0.000	1.621	P	1398.898	P	1017.784	P	330.887	2.080	LOC_Os04g42580.1
DG _o	Os001367_01	S7	0.000	1.852	P	4107.665	P	4379.878	P	1213.111	1.760	LOC_Os11g40590.3
DG _o	Os001606_01	S7	0.000	-1.612	P	588.794	P	560.455	P	1712.922	-1.541	LOC_Os06g44450.1
DG _o	Os001657_01	S7	0.000	-1.883	P	191.559	P	240.375	P	886.512	-2.210	LOC_Os07g48090.1
DG _o	Os002138_01	S7	0.000	-1.437	P	432.997	P	587.907	P	1591.915	-1.878	-
DG _o	Os002150_01	S7	0.000	-1.951	P	1163.173	P	968.803	P	3746.676	-1.688	LOC_Os03g30470.1
DG _o	Os002390_01	S7	-0.872	-2.708	P	1477.486	P	807.518	P	5276.541	-1.836	LOC_Os07g05360.1
DG _o	Os002472_01	S7	0.000	-1.828	P	145.697	P	131.322	P	466.377	-1.679	LOC_Os06g17570.1
DG _o	Os002918_01	S7	0.000	-1.686	P	148.564	P	189.428	P	609.602	-2.037	LOC_Os05g38680.1

DG _o	Os004153_02 S7	1.803	0.000	P	208.079	P	726.018	P	1231.754	-2.566	-
DG _o	Os004406_01 S7	0.000	-2.469	P	272.024	P	247.754	P	1372.030	-2.335	LOC_Os09g28390.1
DG _o	Os005094_01 S7	0.000	-1.955	P	335.015	P	313.453	P	1214.933	-1.859	-
DG _o	Os005478_01 S7	0.000	-1.580	P	438.114	P	654.943	P	1958.421	-2.160	LOC_Os08g45060.1
DG _o	Os005879_01 S7	0.000	1.603	P	499.508	P	462.485	P	152.267	1.714	LOC_Os09g37610.1
DG _o	Os005908_01 S7	0.000	2.452	P	4786.331	P	3586.348	P	655.235	2.869	LOC_Os07g45210.1
DG _o	Os006414_01 S7	-0.791	1.827	P	3490.680	P	2017.392	P	568.777	2.618	LOC_Os01g51020.1
DG _o	Os006619_01 S7	0.000	2.182	P	591.052	P	636.172	P	140.223	2.076	LOC_Os06g44310.1
DG _o	Os008399_01 S7	0.000	3.246	P	2857.417	P	2114.532	P	222.915	3.680	LOC_Os08g40930.1
DG _o	Os008529_01 S7	1.314	0.000	P	412.438	P	1025.706	P	1663.889	-2.012	LOC_Os07g02210.2
DG _o	Os008617_01 S7	0.000	1.553	P	1060.186	P	832.128	P	283.573	1.903	LOC_Os07g33680.1
DG _o	Os008633_01 S7	-1.141	0.000	P	757.999	P	343.649	P	222.670	1.767	LOC_Os04g32560.2
DG _o	Os008680_01 S7	0.000	1.699	P	462.826	P	354.394	P	109.124	2.085	LOC_Os02g18410.1
DG _o	Os008681_01 S7	0.000	1.577	P	416.436	P	335.047	P	112.263	1.891	LOC_Os06g45000.2
DG _o	Os008778_01 S7	-0.780	0.000	P	7913.996	P	4608.067	P	2457.547	1.687	LOC_Os05g31000.1
DG _o	Os008783_01 S7	0.000	1.679	P	3803.112	P	2399.436	P	749.351	2.343	LOC_Os01g16890.1
DG _o	Os008842_01 S7	0.000	-1.831	P	405.530	P	373.109	P	1327.652	-1.711	LOC_Os11g39020.1
DG _o	Os008917_01 S7	-0.882	0.000	P	870.728	P	472.451	P	219.129	1.990	LOC_Os05g22940.1
DG _o	Os008947_01 S7	-1.983	0.000	P	5345.580	P	1351.780	P	612.866	3.125	LOC_Os08g08980.1
DG _o	Os009120_01 S7	-1.423	0.000	P	6024.391	P	2246.459	P	1313.047	2.198	LOC_Os08g13440.2
DG _o	Os009124_01 S7	0.000	-1.820	P	17511.060	P	17881.057	P	63128.533	-1.850	LOC_Os12g02310.1
DG _o	Os009299_01 S7	0.000	1.862	P	409.139	P	476.102	P	130.936	1.644	LOC_Os06g39260.1
DG _o	Os009300_01 S7	-0.886	0.000	P	1154.110	P	624.434	P	246.999	2.224	LOC_Os07g30154.1
DG _o	Os009387_01 S7	0.000	1.981	P	1835.114	P	1736.436	P	439.728	2.061	LOC_Os07g42600.1
DG _o	Os009416_01 S7	0.000	1.636	P	731.548	P	612.978	P	197.283	1.891	LOC_Os03g27010.1
DG _o	Os009458_01 S7	0.000	1.937	P	406.489	P	422.677	P	110.352	1.881	LOC_Os08g06420.1
DG _o	Os009562_01 S7	0.000	-2.411	P	283.426	P	270.415	P	1437.986	-2.343	LOC_Os03g22270.1
DG _o	Os009821_01 S7	0.000	-1.913	P	205.738	P	210.827	P	793.803	-1.948	LOC_Os03g46660.1
DG _o	Os009880_01 S7	0.000	1.735	P	684.549	P	430.684	P	129.357	2.404	LOC_Os05g08990.1
DG _o	Os009887_01 S7	0.000	2.096	P	1893.730	P	1776.716	P	415.685	2.188	LOC_Os03g16440.1
DG _o	Os009986_01 S7	0.795	-1.383	P	493.559	P	856.647	P	2234.047	-2.178	-

DG _o	Os010088_01	S7	0.000	1.515	P	3633.581	P	2310.419	P	808.317	2.168	LOC_Os03g14530.1
DG _o	Os010136_01	S7	0.000	1.589	P	1162.622	P	809.595	P	269.170	2.111	LOC_Os11g06730.1
DG _o	Os010230_01	S7	0.000	1.505	P	623.957	P	542.157	P	191.061	1.707	-
DG _o	Os010444_01	S7	0.000	1.815	P	641.147	P	427.603	P	121.554	2.399	-
DG _o	Os010884_01	S7	0.000	1.515	P	1595.072	P	1103.586	P	386.011	2.047	LOC_Os12g03110.1
DG _o	Os010961_01	S7	0.000	-1.548	P	197.952	P	200.441	P	586.189	-1.566	-
DG _o	Os011110_01	S7	0.000	2.447	P	673.905	P	698.478	P	128.119	2.395	LOC_Os01g47130.1
DG _o	Os011125_01	S7	0.000	-2.257	P	360.254	P	303.347	P	1450.355	-2.009	LOC_Os08g40680.1
DG _o	Os011394_01	S7	0.000	-1.602	P	210.180	P	250.074	P	758.884	-1.852	LOC_Os12g34110.1
DG _o	Os011401_01	S7	0.000	-1.624	P	189.045	P	212.512	P	654.832	-1.792	LOC_Os10g31856.1
DG _o	Os011415_01	S7	0.000	-2.104	P	1717.589	P	1236.608	P	5317.170	-1.630	LOC_Os12g10604.1
DG _o	Os011578_01	S7	0.000	-2.294	P	391.761	P	399.472	P	1958.851	-2.322	LOC_Os03g38730.1
DG _o	Os011722_01	S7	0.000	-1.638	P	265.456	P	346.017	P	1077.294	-2.021	LOC_Os03g03390.1
DG _o	Os011780_01	S7	-0.880	0.000	P	583.379	P	317.072	P	188.367	1.631	LOC_Os01g66300.1
DG _o	Os011849_01	S7	0.000	1.519	P	1130.670	P	899.301	P	313.852	1.849	LOC_Os09g36230.1
DG _o	Os011851_01	S7	0.000	-1.582	P	554.291	P	560.189	P	1677.178	-1.597	LOC_Os05g04630.6
DG _o	Os011930_01	S7	0.000	-1.579	P	182.667	P	223.707	P	668.374	-1.871	LOC_Os08g38460.1
DG _o	Os012299_01	S7	0.000	2.041	P	4632.289	P	3453.092	P	839.165	2.465	LOC_Os09g38030.1
DG _o	Os012723_01	S7	0.000	-2.141	P	645.951	P	628.498	P	2771.671	-2.101	LOC_Os03g03910.1
DG _o	Os012781_01	S7	0.000	-2.761	P	140.344	P	178.812	P	1211.977	-3.110	LOC_Os11g25780.1
DG _o	Os012910_01	S7	0.000	-2.341	P	121.889	P	148.854	P	754.269	-2.630	LOC_Os12g38170.1
DG _o	Os013145_01	S7	0.000	-1.493	P	286.292	P	293.014	P	825.036	-1.527	LOC_Os02g38820.1
DG _o	Os013232_01	S7	0.000	-1.701	P	492.533	P	437.960	P	1424.000	-1.532	LOC_Os03g56280.1
DG _o	Os013295_01	S7	0.000	-2.092	P	449.358	P	460.416	P	1962.899	-2.127	-
DG _o	Os013388_01	S7	0.000	-1.824	P	322.675	P	294.689	P	1043.068	-1.693	LOC_Os01g07120.2
DG _o	Os013426_01	S7	0.000	-1.704	P	182.131	P	154.537	P	503.542	-1.467	LOC_Os12g35630.1
DG _o	Os013504_01	S7	0.000	-1.506	P	154.261	P	159.461	P	453.000	-1.554	LOC_Os03g15020.1
DG _o	Os013568_01	S7	0.000	-1.825	P	184.244	P	183.277	P	649.480	-1.818	LOC_Os08g40150.2
DG _o	Os013619_01	S7	0.000	-1.764	P	359.147	P	366.515	P	1244.464	-1.793	-
DG _o	Os013643_01	S7	0.000	-1.755	P	215.907	P	209.267	P	706.440	-1.710	LOC_Os10g36550.3
DG _o	Os013659_01	S7	0.000	-1.663	P	218.648	P	203.128	P	643.116	-1.556	LOC_Os03g60080.1

DG _o	Os013775_01 S7	0.000	-1.465	P	248.288	P	263.305	P	726.654	-1.549	LOC_Os01g48930.1
DG _o	Os014092_01 S7	0.000	-1.533	P	243.671	P	245.315	P	709.902	-1.543	LOC_Os11g08300.1
DG _o	Os014282_01 S7	0.000	-1.790	P	106.665	P	164.228	P	568.009	-2.413	LOC_Os10g40030.8
DG _o	Os014555_01 S7	0.000	2.175	P	13870.638	P	18281.943	P	4047.357	1.777	LOC_Os06g51084.1
DG _o	Os014604_01 S7	0.000	-2.599	P	133.689	P	153.383	P	929.367	-2.797	LOC_Os01g04710.1
DG _o	Os014654_01 S7	0.000	-1.856	P	252.109	P	242.904	P	879.149	-1.802	LOC_Os10g30790.2
DG _o	Os014740_01 S7	0.000	-2.825	P	673.780	P	399.520	P	2831.026	-2.071	LOC_Os07g36080.1
DG _o	Os014891_01 S7	0.874	0.000	P	242.121	P	443.787	P	670.740	-1.470	LOC_Os03g01190.1
DG _o	Os015150_01 S7	0.000	-1.516	P	800.549	P	965.184	P	2760.007	-1.786	LOC_Os06g41010.4
DG _o	Os015152_01 S7	0.000	-1.619	P	219.736	P	273.171	P	838.852	-1.933	LOC_Os05g49300.1
DG _o	Os015335_01 S7	0.000	1.757	P	3931.652	P	4192.241	P	1240.456	1.664	LOC_Os11g10050.1
DG _o	Os015666_01 S7	0.000	-1.768	P	1172.209	P	1128.268	P	3842.047	-1.713	LOC_Os03g10090.1
DG _o	Os015668_01 S7	1.012	0.000	P	376.161	P	758.523	P	1402.174	-1.898	LOC_Os01g72890.2
DG _o	Os015784_01 S7	0.000	-1.518	P	241.219	P	320.522	P	917.743	-1.928	LOC_Os02g06910.1
DG _o	Os015790_01 S7	0.000	-1.779	P	626.488	P	710.063	P	2437.220	-1.960	-
DG _o	Os015816_01 S7	0.000	-2.738	P	151.286	P	151.398	P	1009.824	-2.739	LOC_Os12g37840.1
DG _o	Os015857_01 S7	0.870	0.000	P	262.128	P	479.029	P	956.333	-1.867	LOC_Os02g53970.1
DG _o	Os016023_01 S7	1.088	0.000	P	164.977	P	350.671	P	590.164	-1.839	LOC_Os11g38980.4
DG _o	Os016085_01 S7	0.000	-1.611	P	766.024	P	855.945	P	2615.428	-1.772	LOC_Os09g12150.1
DG _o	Os016116_01 S7	2.454	0.000	P	160.642	P	880.413	P	1621.964	-3.336	LOC_Os04g53450.1
DG _o	Os016442_01 S7	0.000	2.626	P	7831.776	P	10095.013	P	1635.724	2.259	LOC_Os01g44220.6
DG _o	Os016661_01 S7	0.000	2.015	P	6347.373	P	6434.667	P	1591.863	1.995	LOC_Os08g25734.1
DG _o	Os016878_01 S7	0.000	-1.681	P	234.280	P	215.409	P	690.912	-1.560	LOC_Os02g18450.1
DG _o	Os016919_01 S7	0.000	-1.498	P	259.870	P	357.705	P	1010.437	-1.959	LOC_Os02g01590.1
DG _o	Os017058_01 S7	0.000	-1.725	P	203.688	P	176.115	P	582.149	-1.515	LOC_Os05g33940.1
DG _o	Os017090_01 S7	1.517	0.000	P	157.001	P	449.270	P	581.098	-1.888	LOC_Os02g47150.1
DG _o	Os017238_01 S7	0.000	-1.816	P	514.797	P	434.582	P	1530.288	-1.572	LOC_Os07g01820.1
DG _o	Os017653_01 S7	0.000	-1.925	P	172.363	P	255.583	P	970.575	-2.493	LOC_Os02g33330.1
DG _o	Os017744_01 S7	0.000	1.558	P	3497.847	P	2655.476	P	901.547	1.956	LOC_Os11g06750.1
DG _o	Os017908_01 S7	0.000	1.904	P	4571.905	P	3832.909	P	1024.270	2.158	LOC_Os03g14450.1
DG _o	Os018056_01 S7	0.000	-3.110	P	138.569	P	151.858	P	1310.740	-3.242	LOC_Os05g15880.1

DG _o	Os018162_01	S7	-1.542	0.000	P	1738.834	P	597.020	P	438.601	1.987	LOC_Os05g34670.1
DG _o	Os018260_01	S7	0.000	2.048	P	1806.795	P	1667.597	P	403.146	2.164	LOC_Os06g02028.1
DG _o	Os018479_01	S7	0.000	1.580	P	893.334	P	695.196	P	232.542	1.942	LOC_Os02g55560.1
DG _o	Os018515_01	S7	0.000	-1.578	P	127.200	P	159.809	P	476.959	-1.907	LOC_Os02g43500.2
DG _o	Os018886_01	S7	0.000	2.800	P	10070.764	P	6994.262	P	1004.306	3.326	LOC_Os07g42490.2
DG _o	Os019241_01	S7	0.000	-1.572	P	162.497	P	165.199	P	491.238	-1.596	LOC_Os01g09620.2
DG _o	Os019287_01	S7	0.000	-1.743	P	215.213	P	222.589	P	745.072	-1.792	LOC_Os01g65080.3
DG _o	Os019636_01	S7	0.000	-1.440	P	203.166	P	210.314	P	570.622	-1.490	-
DG _o	Os019688_01	S7	0.000	1.961	P	3695.506	P	2946.381	P	756.974	2.287	LOC_Os04g02820.2
DG _o	Os019891_01	S7	0.000	-1.737	P	113.123	P	169.476	P	564.952	-2.320	LOC_Os08g43334.1
DG _o	Os020036_01	S7	0.000	-2.338	P	122.508	P	128.221	P	648.210	-2.404	LOC_Os07g38130.1
DG _o	Os020201_01	S7	0.000	-2.552	P	967.750	P	874.560	P	5129.359	-2.406	LOC_Os01g03680.1
DG _o	Os020390_01	S7	0.000	-2.417	P	377.694	P	521.958	P	2787.367	-2.884	LOC_Os03g58070.1
DG _o	Os020392_01	S7	0.000	-1.998	P	355.978	P	466.862	P	1864.301	-2.389	LOC_Os03g15050.2
DG _o	Os020769_01	S7	0.000	-2.127	P	404.228	P	359.888	P	1571.991	-1.959	LOC_Os03g46060.1
DG _o	Os020983_01	S7	0.000	-1.460	P	173.178	P	220.754	P	607.339	-1.810	LOC_Os06g46410.1
DG _o	Os021035_01	S7	0.000	-2.333	P	1394.118	P	2191.610	P	11041.468	-2.986	-
DG _o	Os021097_01	S7	0.000	-1.627	P	388.306	P	446.464	P	1379.455	-1.829	LOC_Os04g24140.1
DG _o	Os021202_01	S7	0.000	1.823	P	2449.307	P	2353.217	P	665.076	1.881	LOC_Os01g55540.1
DG _o	Os021367_01	S7	0.000	-1.605	P	477.492	P	440.209	P	1338.689	-1.487	LOC_Os01g01410.1
DG _o	Os021445_01	S7	0.000	-1.827	P	558.032	P	556.238	P	1974.022	-1.823	LOC_Os08g06110.1
DG _o	Os021453_01	S7	0.000	-1.540	P	324.572	P	397.936	P	1157.063	-1.834	LOC_Os02g12760.1
DG _o	Os021495_01	S7	0.000	-1.868	P	168.865	P	215.374	P	786.435	-2.219	LOC_Os12g38640.1
DG _o	Os021497_01	S7	0.000	-2.039	P	262.624	P	223.018	P	916.733	-1.804	LOC_Os06g40080.1
DG _o	Os021643_01	S7	0.000	-1.861	P	133.696	P	177.220	P	643.915	-2.268	LOC_Os01g62610.1
DG _o	Os021777_01	S7	0.000	-1.512	P	142.608	P	162.487	P	463.445	-1.700	-
DG _o	Os021980_01	S7	0.000	-2.101	P	568.180	P	418.141	P	1794.472	-1.659	LOC_Os05g03760.1
DG _o	Os022003_01	S7	0.000	1.492	P	1377.501	P	1134.591	P	403.343	1.772	LOC_Os04g20220.1
DG _o	Os022154_01	S7	0.000	-1.588	P	131.648	P	144.119	P	433.216	-1.718	LOC_Os08g42100.1
DG _o	Os022300_01	S7	0.000	-1.948	P	295.846	P	347.761	P	1341.540	-2.181	-
DG _o	Os022309_01	S7	0.000	-1.811	P	191.749	P	209.859	P	736.577	-1.942	LOC_Os05g10670.1

DG ₀	Os023010_01 S7	0.000	2.161	P	1175.687	P	1447.000	P	323.567	1.861	LOC_Os01g68820.1
DG ₀	Os023039_01 S7	0.000	2.162	P	818.326	P	1182.264	P	264.207	1.631	LOC_Os07g34620.1
DG ₀	Os023043_01 S7	0.000	2.394	P	1636.869	P	2010.903	P	382.548	2.097	LOC_Os05g06480.1
DG ₀	Os023085_01 S7	0.000	2.078	P	2729.773	P	2842.622	P	673.259	2.020	LOC_Os05g34310.1
DG ₀	Os023328_01 S7	0.000	-2.447	P	276.153	P	187.335	P	1021.586	-1.887	LOC_Os11g18830.1
DG ₀	Os023508_01 S7	0.000	-1.753	P	237.831	P	323.829	P	1091.514	-2.198	LOC_Os08g04430.1
DG ₀	Os023619_01 S7	1.879	0.000	P	355.554	P	1307.917	P	1222.049	-1.781	-
DG ₀	Os023819_01 S7	0.000	2.280	P	1043.889	P	1266.167	P	260.716	2.001	LOC_Os08g41030.1
DG ₀	Os023934_01 S7	0.000	1.984	P	515.271	P	606.801	P	153.404	1.748	LOC_Os10g30944.1
DG ₀	Os024035_01 S7	0.000	2.411	P	7723.156	P	7841.582	P	1474.810	2.389	LOC_Os10g02300.3
DG ₀	Os024527_01 S7	0.000	-2.202	P	217.706	P	200.372	P	922.243	-2.083	LOC_Os03g18230.1
DG ₀	Os024774_01 S7	-1.107	-2.689	P	676.454	P	314.070	P	2025.993	-1.583	LOC_Os02g10390.1
DG ₀	Os025211_01 S7	0.000	2.015	P	674.259	P	783.136	P	193.809	1.799	LOC_Os11g32100.1
DG ₀	Os025786_01 S7	0.000	-1.802	P	302.680	P	284.665	P	992.978	-1.714	-
DG ₀	Os025787_01 S7	0.000	-1.713	P	11537.561	P	13779.576	P	45165.438	-1.969	LOC_Os12g04980.1
DG ₀	Os026132_01 S7	0.000	2.815	P	2952.463	P	3740.437	P	531.525	2.474	LOC_Os03g25350.1
DG ₀	Os026172_01 S7	0.771	0.000	P	204.111	P	348.334	P	566.417	-1.473	LOC_Os03g19170.1
DG ₀	Os026332_01 S7	0.000	1.847	P	6813.919	P	7512.124	P	2088.457	1.706	LOC_Os02g50110.1
DG ₀	Os026390_01 S7	1.701	0.000	P	429.393	P	1396.152	P	1209.006	-1.493	LOC_Os05g25040.2
DG ₀	Os026553_01 S7	1.216	0.000	P	178.422	P	414.581	P	592.385	-1.731	LOC_Os06g08520.1
DG ₀	Os027065_01 S7	-0.935	0.000	P	2894.410	P	1513.457	P	812.996	1.832	LOC_Os02g17210.1
DG ₀	Os027175_01 S7	0.000	-1.683	P	340.751	P	366.068	P	1175.599	-1.787	-
DG ₀	Os027379_02 S7	0.000	-1.531	P	396.824	P	389.928	P	1126.986	-1.506	-
DG ₀	Os027602_01 S7	0.000	-2.357	P	164.756	P	238.195	P	1219.962	-2.888	LOC_Os01g03380.1
DG ₀	Os027615_01 S7	-1.177	-2.934	P	2195.492	P	970.909	P	7418.009	-1.756	LOC_Os09g17740.1
DG ₀	Os027656_01 S7	0.000	1.994	P	5749.587	P	6227.379	P	1563.154	1.879	LOC_Os10g39420.1
DG ₀	Os028119_01 S7	1.509	0.000	P	122.611	P	348.904	P	773.971	-2.658	LOC_Os09g25910.1
DG ₀	Os028171_01 S7	0.000	2.349	P	3137.164	P	3186.666	P	625.513	2.326	LOC_Os04g58220.1
DG ₀	Os028198_01 S7	0.756	0.000	P	173.430	P	292.791	P	510.931	-1.559	LOC_Os03g59010.1
DG ₀	Os029316_01 S7	0.000	2.766	P	636.414	P	1015.172	P	149.197	2.093	LOC_Os11g04000.1
DG ₀	Os029603_01 S7	0.000	1.767	P	918.622	P	923.294	P	271.298	1.760	LOC_Os10g25180.1

DG ₀	Os029766_01	S7	-1.049	0.000	P	1019.379	P	492.543	P	332.796	1.615	LOC_Os07g06400.1
DG ₀	Os029802_01	S7	0.958	-1.384	P	140.735	P	273.453	P	713.735	-2.342	LOC_Os08g35580.1
DG ₀	Os029832_01	S7	1.098	-1.593	P	145.930	P	312.306	P	942.020	-2.690	LOC_Os11g38160.1
DG ₀	Os030085_01	S7	0.000	-2.058	P	163.862	P	183.357	P	763.750	-2.221	LOC_Os09g38670.1
DG ₀	Os031586_01	S7	-1.074	0.000	P	10161.023	P	4827.908	P	1749.461	2.538	LOC_Os08g08920.1
DG ₀	Os031648_01	S7	0.000	1.837	P	875.313	P	717.254	P	200.829	2.124	LOC_Os07g01450.1
DG ₀	Os032085_01	S7	0.000	-1.477	P	134.858	P	159.985	P	445.213	-1.723	LOC_Os06g10980.1
DG ₀	Os032446_01	S7	-1.193	0.000	P	808.637	P	353.808	P	213.795	1.919	LOC_Os01g03914.2
DG ₀	Os032470_01	S7	0.000	1.621	P	535.849	P	368.464	P	119.830	2.161	LOC_Os08g04290.1
DG ₀	Os032727_01	S7	0.000	-1.618	P	427.708	P	630.721	P	1936.533	-2.179	LOC_Os08g04520.1
DG ₀	Os032876_01	S7	0.954	0.000	P	228.073	P	441.866	P	720.692	-1.660	LOC_Os12g32160.1
DG ₀	Os033148_01	S7	1.576	0.000	P	173.264	P	516.419	P	1189.402	-2.779	LOC_Os08g32550.1
DG ₀	Os033559_01	S7	0.795	-2.169	P	524.563	P	909.852	P	4090.591	-2.963	LOC_Os09g19550.1
DG ₀	Os034533_01	S7	0.000	-1.528	P	363.012	P	384.220	P	1107.753	-1.610	LOC_Os05g12270.1
DG ₀	Os034649_01	S7	-1.019	-2.743	P	1484.496	P	732.596	P	4905.739	-1.724	LOC_Os11g47980.1
DG ₀	Os034855_01	S7	1.167	0.000	P	153.606	P	345.016	P	567.969	-1.887	LOC_Os11g10330.1
DG ₀	Os034873_01	S7	0.000	2.391	P	1301.295	P	799.958	P	152.506	3.093	LOC_Os11g38720.1
DG ₀	Os035044_01	S7	0.000	-3.200	P	307.893	P	288.185	P	2649.186	-3.105	LOC_Os05g15920.1
DG ₀	Os035077_01	S7	0.000	-1.712	P	367.200	P	366.229	P	1199.870	-1.708	LOC_Os10g30690.1
DG ₀	Os035342_01	S7	-1.711	0.000	P	1072.365	P	327.456	P	326.414	1.716	LOC_Os12g21870.1
DG ₀	Os035826_01	S7	0.000	-1.748	P	441.956	P	512.166	P	1720.130	-1.961	-
DG ₀	Os035987_01	S7	1.507	0.000	P	114.923	P	326.669	P	418.469	-1.864	LOC_Os08g44110.1
DG ₀	Os036068_01	S7	0.000	1.984	P	1355.299	P	1661.245	P	419.956	1.690	LOC_Os12g07490.1
DG ₀	Os037041_01	S7	0.000	2.307	P	1423.806	P	983.201	P	198.639	2.842	-
DG ₀	Os037162_01	S7	0.000	2.046	P	497.853	P	628.728	P	152.219	1.710	LOC_Os04g28120.1
DG ₀	Os037732_01	S7	1.877	0.000	P	158.107	P	580.834	P	448.665	-1.505	LOC_Os01g10590.1
DG ₀	Os037857_01	S7	0.000	2.617	P	7827.502	P	7909.976	P	1289.162	2.602	LOC_Os01g42234.1
DG ₀	Os038961_01	S7	-1.102	0.000	P	1361.908	P	634.329	P	342.214	1.993	LOC_Os03g46560.1
DG ₀	Os039064_01	S7	0.000	1.582	P	623.128	P	578.558	P	193.222	1.689	LOC_Os03g12230.1
DG ₀	Os039503_01	S7	0.000	-1.406	P	176.634	P	225.974	P	599.004	-1.762	-
DG ₀	Os040593_01	S7	0.000	1.589	P	1064.994	P	738.446	P	245.438	2.117	LOC_Os01g34614.1

DG ₀	Os040743_01 S7	0.000	1.903	P	900.911	P	534.409	P	142.868	2.657	LOC_Os07g05510.1
DG ₀	Os042866_01 S7	-1.414	0.000	P	2037.558	P	764.723	P	334.493	2.607	LOC_Os10g05820.1
DG ₀	Os044467_01 S7	0.000	-1.642	P	211.940	P	211.007	P	658.508	-1.636	LOC_Os03g63310.1
DG ₀	Os044853_01 S7	0.000	-2.214	P	216.515	P	312.416	P	1449.789	-2.743	LOC_Os02g13620.1
DG ₀	Os045347_01 S7	0.000	-2.135	P	190.934	P	279.136	P	1225.967	-2.683	LOC_Os06g18120.1
DG ₀	Os045461_01 S7	0.000	-2.423	P	689.914	P	428.184	P	2295.518	-1.734	LOC_Os05g48630.2
DG ₀	Os045565_01 S7	1.024	-1.514	P	169.472	P	344.620	P	984.039	-2.538	LOC_Os10g09630.1
DG ₀	Os046493_01 S7	0.000	-1.391	P	167.819	P	216.202	P	566.879	-1.756	LOC_Os11g39640.1
DG ₀	Os046577_01 S7	0.000	-2.016	P	1646.116	P	1943.425	P	7858.466	-2.255	-
DG ₀	Os046888_01 S7	0.000	-1.804	P	761.626	P	863.487	P	3015.609	-1.985	LOC_Os03g25460.1
DG ₀	Os047467_01 S7	0.000	-2.198	P	705.619	P	860.211	P	3946.266	-2.484	LOC_Os08g05160.1
DG ₀	Os047586_01 S7	0.000	-1.451	P	149.686	P	170.364	P	465.784	-1.638	LOC_Os11g24230.1
DG ₀	Os048781_01 S7	1.147	0.000	P	134.579	P	298.038	P	418.796	-1.638	-
DG ₀	Os049499_01 S7	-1.682	0.000	P	2114.017	P	658.892	P	634.524	1.736	LOC_Os05g27000.1
DG ₀	Os049591_01 S7	0.000	2.078	P	1272.594	P	1724.672	P	408.601	1.639	LOC_Os10g04500.1
DG ₀	Os050541_01 S7	0.000	-1.621	P	172.683	P	209.566	P	644.526	-1.900	LOC_Os12g31390.1
DG ₀	Os050925_01 S7	0.000	-2.754	P	217.502	P	357.996	P	2414.344	-3.473	LOC_Os01g61840.1
DG ₀	Os051250_01 S7	0.975	-1.701	P	192.467	P	378.437	P	1230.215	-2.676	-
DG ₀	Os051935_01 S7	0.000	-3.831	P	967.786	P	999.077	P	14215.834	-3.877	LOC_Os01g15270.1
DG ₀	Os051962_01 S7	0.000	-2.386	P	429.622	P	312.333	P	1632.140	-1.926	LOC_Os02g26700.1
DG ₀	Os051968_01 S7	0.000	-2.146	P	289.607	P	227.963	P	1009.188	-1.801	LOC_Os03g08500.1
DG ₀	Os051973_01 S7	0.000	-2.182	P	349.470	P	253.488	P	1150.307	-1.719	LOC_Os01g45274.1
DG ₀	Os051974_01 S7	0.000	-3.044	P	131.774	P	139.432	P	1149.933	-3.125	LOC_Os01g03360.1
DG ₀	Os051978_01 S7	0.000	3.244	P	8267.735	P	5307.072	P	560.347	3.883	LOC_Os03g28330.4
DG ₀	Os051981_01 S7	0.000	-2.244	P	1305.158	P	982.874	P	4656.545	-1.835	LOC_Os11g47809.1
DG ₀	Os051998_01 S7	0.000	-2.112	P	809.017	P	547.531	P	2367.138	-1.549	LOC_Os12g08770.1
DG ₀	Os052004_01 S7	0.000	2.235	P	5881.218	P	7366.851	P	1565.005	1.910	LOC_Os11g09280.2
DG ₀	Os052088_01 S7	-1.704	0.000	P	819.660	P	251.622	P	189.071	2.116	LOC_Os03g14630.1
DG ₀	Os052111_01 S7	0.000	-2.045	P	305.276	P	435.141	P	1795.964	-2.557	LOC_Os09g31482.3
DG ₀	Os052210_01 S7	0.000	1.750	P	1549.583	P	1306.386	P	388.424	1.996	LOC_Os05g28280.1
DG ₀	Os052257_01 S7	0.000	1.760	P	981.985	P	1015.006	P	299.781	1.712	LOC_Os03g64210.1

DG _o	Os052280_01	S7	0.000	1.732	P	4557.333	P	3080.123	P	927.089	2.297	LOC_Os03g29260.2
DG _o	Os052285_01	S7	-0.811	0.000	P	3318.931	P	1891.244	P	944.012	1.814	LOC_Os03g01270.1
DG _o	Os052307_01	S7	0.000	2.736	P	23835.891	P	26090.087	P	3917.146	2.605	LOC_Os03g31750.1
DG _o	Os052328_01	S7	0.000	1.512	P	722.585	P	535.422	P	187.692	1.945	LOC_Os03g26970.1
DG _o	Os052485_01	S7	0.000	1.831	P	606.205	P	536.269	P	150.741	2.008	LOC_Os04g33590.1
DG _o	Os052782_02	S7	0.000	-4.141	P	283.893	P	356.146	P	6281.370	-4.468	-
DG _o	Os052819_01	S7	1.150	-2.369	P	162.315	P	360.143	P	1860.656	-3.519	-
DG _o	Os052906_01	S7	0.000	-1.517	P	191.979	P	189.755	P	543.014	-1.500	LOC_Os09g21740.1
DG _o	Os053316_01	S7	0.000	-1.452	P	173.361	P	209.576	P	573.519	-1.726	LOC_Os01g71690.1
DG _o	Os054176_02	S7	0.000	1.586	P	2469.234	P	2167.828	P	722.205	1.774	-
DG _o	Os054362_01	S7	1.412	0.000	P	9415.547	P	25053.708	P	28134.379	-1.579	LOC_Os05g26350.1
DG _o	Os054377_01	S7	0.000	-1.504	P	276.054	P	377.099	P	1069.773	-1.954	LOC_Os05g31140.1
DG _o	Os054419_01	S7	-1.343	-2.863	P	1093.950	P	431.275	P	3137.910	-1.520	LOC_Os01g31690.1
DG _o	Os054431_01	S7	0.000	-2.003	P	1373.088	P	1283.293	P	5142.145	-1.905	LOC_Os12g38064.1
DG _o	Os054436_01	S7	0.825	-2.070	P	489.141	P	866.797	P	3639.737	-2.896	LOC_Os09g39780.2
DG _o	Os054455_01	S7	0.000	1.511	P	3849.198	P	3424.180	P	1201.467	1.680	LOC_Os08g03640.1
DG _o	Os054477_01	S7	0.000	1.987	P	7372.988	P	6432.810	P	1622.860	2.184	LOC_Os04g46200.1
DG _o	Os054478_01	S7	0.000	1.515	P	3803.449	P	2994.472	P	1047.675	1.860	LOC_Os10g41410.2
DG _o	Os054485_01	S7	0.000	-1.654	P	245.701	P	251.244	P	790.930	-1.687	LOC_Os10g39130.1
DG _o	Os054491_01	S7	0.000	-1.603	P	338.926	P	311.525	P	946.202	-1.481	-
DG _o	Os054518_01	S7	0.000	-1.979	P	547.808	P	422.859	P	1666.811	-1.605	LOC_Os04g16680.1
DG _o	Os054538_01	S7	0.000	2.069	P	17492.436	P	21924.075	P	5223.507	1.744	LOC_Os05g33570.1
DG _o	Os054562_01	S7	0.000	-2.464	P	251.857	P	310.493	P	1713.545	-2.766	LOC_Os01g21250.1
DG _o	Os054570_01	S7	0.000	-2.159	P	2017.011	P	1722.837	P	7695.336	-1.932	LOC_Os12g36880.1
DG _o	Os054571_01	S7	-0.873	2.139	P	15874.791	P	8670.557	P	1967.984	3.012	LOC_Os08g08960.1
DG _o	Os054578_01	S7	0.000	-2.619	P	414.139	P	458.257	P	2816.096	-2.766	LOC_Os02g39630.2
DG _o	Os054595_01	S7	0.000	1.536	P	3024.637	P	2500.594	P	862.511	1.810	LOC_Os04g32950.1
DG _o	Os054602_01	S7	0.000	-2.536	P	118.163	P	182.111	P	1055.918	-3.160	LOC_Os08g35190.2
DG _o	Os054627_01	S7	0.000	-2.749	P	193.034	P	203.488	P	1368.354	-2.826	LOC_Os01g73940.1
DG _o	Os054659_01	S7	0.000	-1.681	P	318.948	P	339.811	P	1089.381	-1.772	LOC_Os01g07760.2
DG _o	Os054660_01	S7	0.000	-2.040	P	478.643	P	437.502	P	1799.798	-1.911	LOC_Os04g41560.2

DG ₀	Os054673_01 S7	0.000	-1.507	P	448.826	P	461.803	P	1312.729	-1.548	LOC_Os03g55540.1
DG ₀	Os054699_01 S7	0.000	-2.171	P	465.775	P	696.822	P	3137.987	-2.752	-
DG ₀	Os054725_01 S7	1.144	0.000	P	426.495	P	942.562	P	1349.527	-1.662	LOC_Os07g11310.1
DG ₀	Os054727_01 S7	0.000	-1.396	P	174.678	P	197.269	P	519.191	-1.572	LOC_Os01g61670.1
DG ₀	Os054745_01 S7	0.000	-2.377	P	862.457	P	561.561	P	2917.837	-1.758	LOC_Os07g37030.1
DG ₀	Os054789_01 S7	0.000	1.600	P	1180.806	P	1014.685	P	334.629	1.819	LOC_Os05g50380.1
DG ₀	Os054921_01 S7	0.000	1.620	P	547.418	P	473.436	P	154.036	1.829	LOC_Os02g06650.1
DG ₀	Os055074_01 S7	0.000	-1.694	P	582.430	P	724.894	P	2345.201	-2.010	LOC_Os07g43770.1
DG ₀	Os055308_01 S7	0.000	-2.159	P	419.223	P	524.332	P	2341.945	-2.482	LOC_Os07g48020.1
DG ₀	Os055414_01 S7	0.000	-1.853	P	250.739	P	244.498	P	882.966	-1.816	LOC_Os11g33120.1
DG ₀	Os055567_01 S7	0.000	-2.042	P	155.814	P	145.323	P	598.518	-1.942	LOC_Os07g46330.1
DG ₀	Os055618_01 S7	0.000	2.155	P	644.416	P	744.334	P	167.102	1.947	LOC_Os02g19420.1
DG ₀	Os055646_01 S7	-0.877	0.000	P	2098.749	P	1143.131	P	412.793	2.346	LOC_Os12g29670.1
DG ₀	Os055707_01 S7	0.000	-1.535	P	969.843	P	1036.500	P	3004.108	-1.631	LOC_Os04g47990.1
DG ₀	Os056324_01 S7	1.082	0.000	P	164.488	P	348.140	P	646.389	-1.974	-
DG ₀	Os056838_01 S7	-1.297	0.000	P	2495.679	P	1015.843	P	732.762	1.768	LOC_Os04g41970.1
DG ₀	Os056928_02 S7	0.000	-2.359	P	232.888	P	212.590	P	1090.483	-2.227	LOC_Os09g27030.3
DG ₀	Os056942_02 S7	1.135	0.000	P	266.314	P	584.839	P	739.865	-1.474	LOC_Os09g23110.1
DG ₀	Os057030_02 S7	1.154	0.000	P	171.559	P	381.774	P	825.043	-2.266	LOC_Os07g39470.1
DG ₀	Os057070_02 S7	0.000	-2.581	P	400.921	P	415.569	P	2486.430	-2.633	-
DG ₀	Os057245_02 S7	0.000	-1.909	P	199.196	P	196.590	P	738.112	-1.890	LOC_Os07g48010.1