

Gene Name	baseMean	log2FoldCha	lfcSE	stat	pvalue	padj
YOR133W	414.014	-8.896	1.466	-6.068	1.30E-09	1.48E-07
YNL014W	19.734	-8.238	2.227	-3.699	0.00021635	0.00509385
YER067W	8.542	-7.000	1.674	-4.182	2.89E-05	0.00093223
YGL125W	7.769	-6.878	1.686	-4.081	4.49E-05	0.00134033
YPR006C	5.491	-6.381	1.768	-3.610	0.00030654	0.00665403
YGR161W-C	5.261	-6.317	1.782	-3.546	0.0003912	0.00796148
YLR154W-A	3.628	-5.965	1.971	-3.026	0.00247538	0.03339676
YBR092C	85.218	-5.964	1.388	-4.298	1.72E-05	0.00060415
YHR140W	4.024	-5.884	1.896	-3.104	0.00191084	0.02739636
YJL079C	65.208	-5.788	1.187	-4.878	1.07E-06	5.60E-05
YMR251W	3.508	-5.732	1.923	-2.981	0.00287	0.03614382
YBR132C	18.445	-5.665	1.186	-4.775	1.80E-06	8.89E-05
YCL064C	175.572	-5.579	0.436	-12.794	1.76E-37	2.82E-34
YHR136C	27.070	-5.531	0.972	-5.688	1.29E-08	1.17E-06
YHL001W	24.958	-5.477	1.542	-3.553	0.00038047	0.00787676
YER150W	8.268	-5.451	1.618	-3.369	0.00075569	0.01339331
YDR285W	2.736	-5.425	2.038	-2.662	0.00776147	0.07576899
YFL021W	14.961	-5.367	1.217	-4.411	1.03E-05	0.00038316
YMR303C	334.874	-5.351	1.064	-5.027	4.97E-07	2.88E-05
YER190W	19.633	-5.337	1.476	-3.615	0.0003004	0.00658316
YGR008C	40.581	-5.170	0.644	-8.024	1.03E-15	3.08E-13
YPL198W	22.313	-5.160	1.530	-3.373	0.00074356	0.01322711
YJL217W	57.494	-4.880	0.623	-7.837	4.62E-15	1.16E-12
YGR234W	590.903	-4.823	0.332	-14.546	6.22E-48	1.49E-44
YCR021C	9.828	-4.777	1.275	-3.747	0.00017931	0.00432776
YIL111W	7.322	-4.776	1.623	-2.942	0.00326239	0.03994022
YML123C	1469.161	-4.767	0.282	-16.925	2.93E-64	1.41E-60
YDR119W-A	8.534	-4.754	1.240	-3.834	0.00012612	0.00318807
YOR212W	4.724	-4.632	1.745	-2.655	0.00792995	0.07648099
YGL208W	8.486	-4.607	1.329	-3.467	0.00052631	0.01015203
YNL036W	95.964	-4.546	1.264	-3.597	0.00032148	0.00686253
YKR039W	7.605	-4.397	1.397	-3.147	0.00165229	0.02464573
YDR001C	53.737	-4.293	0.542	-7.918	2.42E-15	6.45E-13
YJR096W	9.573	-4.068	1.133	-3.590	0.00033071	0.00699736
YNL160W	61.160	-3.994	0.521	-7.662	1.83E-14	4.19E-12
YMR170C	11.362	-3.993	1.026	-3.894	9.86E-05	0.00255891
YIL011W	32.298	-3.982	0.683	-5.830	5.53E-09	5.42E-07
YBR054W	38.720	-3.956	0.599	-6.608	3.89E-11	5.34E-09
YDR541C	5.023	-3.862	1.490	-2.591	0.00956317	0.08694051
YBR072W	7.731	-3.840	1.247	-3.079	0.00207357	0.02895165
YNL134C	187.945	-3.721	0.357	-10.425	1.90E-25	1.82E-22

YDR533C	25.377	-3.721	0.694	-5.363	8.17E-08	6.13E-06
YML100W	73.502	-3.703	0.441	-8.404	4.30E-17	1.72E-14
YER079W	6.956	-3.692	1.238	-2.981	0.00287465	0.03614382
YMR189W	110.522	-3.673	0.395	-9.295	1.47E-20	1.01E-17
YLR286C	358.929	-3.577	0.296	-12.076	1.42E-33	1.71E-30
YOR161C	32.889	-3.537	0.611	-5.792	6.94E-09	6.53E-07
YIL121W	25.557	-3.523	0.673	-5.237	1.63E-07	1.07E-05
YAL061W	17.175	-3.488	0.796	-4.385	1.16E-05	0.00042602
YLR258W	33.447	-3.479	0.583	-5.964	2.47E-09	2.69E-07
YIL094C	80.263	-3.461	0.419	-8.260	1.46E-16	5.01E-14
YDR400W	20.289	-3.395	0.729	-4.659	3.17E-06	0.0001423
YOL101C	6.047	-3.371	1.269	-2.657	0.0078929	0.07643065
YOR130C	9.899	-3.350	1.005	-3.334	0.00085669	0.01480109
YLR178C	14.384	-3.338	0.856	-3.899	9.65E-05	0.0025457
YFL014W	5.767	-3.330	1.285	-2.591	0.00957558	0.08694051
YER037W	14.203	-3.302	0.851	-3.878	0.00010544	0.00269386
YGR254W	3335.396	-3.298	0.671	-4.911	9.06E-07	4.84E-05
YHR022C	7.102	-3.292	1.130	-2.914	0.00356722	0.04262025
YBR208C	15.362	-3.237	0.821	-3.943	8.04E-05	0.00213218
YPL216W	6.581	-3.187	1.219	-2.615	0.00892764	0.08277885
YOR020W-A	10.314	-3.179	0.973	-3.266	0.00109004	0.01753083
YPR184W	11.588	-3.170	0.917	-3.456	0.00054808	0.01040475
YPR160W	16.837	-3.158	0.817	-3.867	0.00011012	0.0027984
YDL182W	75.684	-3.140	0.424	-7.411	1.26E-13	2.51E-11
YGR019W	35.156	-3.101	0.553	-5.607	2.06E-08	1.76E-06
YER010C	9.479	-3.063	0.977	-3.133	0.0017277	0.02545449
YGL156W	6.119	-3.051	1.204	-2.533	0.01130623	0.09797511
YBR052C	31.170	-3.004	0.569	-5.277	1.31E-07	9.15E-06
YDR406W	23.005	-2.964	0.715	-4.147	3.37E-05	0.001062
YOR028C	17.054	-2.921	0.775	-3.768	0.00016429	0.00406747
YCR005C	160.298	-2.916	0.358	-8.134	4.16E-16	1.33E-13
YLR303W	252.642	-2.912	0.303	-9.603	7.75E-22	6.21E-19
YJL133C-A	12.231	-2.903	0.867	-3.350	0.0008073	0.01409978
YDR481C	146.087	-2.849	0.338	-8.436	3.28E-17	1.43E-14
YML128C	13.639	-2.822	0.833	-3.389	0.00070123	0.01256717
YJR010W	9.698	-2.805	0.962	-2.917	0.00353924	0.0423914
YGR286C	13.554	-2.801	0.849	-3.300	0.00096563	0.01624258
YMR262W	7.954	-2.796	1.049	-2.666	0.0076782	0.0754159
YDL130W-A	19.524	-2.700	0.718	-3.762	0.00016889	0.00415927
YLR345W	11.602	-2.654	0.855	-3.102	0.00192153	0.02746753
YBR026C	37.475	-2.651	0.527	-5.030	4.90E-07	2.87E-05
YBR067C	213.420	-2.639	0.388	-6.805	1.01E-11	1.56E-09

YBR022W	7.552	-2.638	1.043	-2.529	0.01143652	0.09879421
YOR317W	191.412	-2.625	0.305	-8.621	6.62E-18	3.18E-15
YMR196W	22.080	-2.609	0.645	-4.041	5.32E-05	0.00155716
YDL054C	21.835	-2.588	0.649	-3.989	6.65E-05	0.00181704
YBR046C	25.056	-2.573	0.604	-4.259	2.05E-05	0.00068943
YHL028W	12.999	-2.568	0.862	-2.980	0.00288687	0.03620275
YDL008W	11.165	-2.553	0.868	-2.942	0.0032659	0.03994022
YER119C	28.128	-2.535	0.619	-4.093	4.27E-05	0.00129571
YMR250W	26.808	-2.521	0.603	-4.180	2.91E-05	0.0009333
YLL019C	14.670	-2.492	0.758	-3.289	0.00100596	0.0167546
YBR241C	12.702	-2.462	0.839	-2.935	0.00333641	0.04046657
YCL040W	191.237	-2.448	0.313	-7.831	4.83E-15	1.16E-12
YOR185C	18.407	-2.405	0.679	-3.542	0.0003978	0.00806176
YIR034C	26.823	-2.399	0.599	-4.007	6.15E-05	0.00170857
YLR290C	12.209	-2.398	0.816	-2.938	0.0033064	0.0402042
YBR296C	18.316	-2.392	0.701	-3.411	0.00064799	0.01189482
YIL155C	20.410	-2.387	0.694	-3.438	0.00058546	0.01089908
YOR374W	114.761	-2.331	0.348	-6.689	2.25E-11	3.27E-09
YLR356W	17.711	-2.307	0.706	-3.267	0.00108695	0.01753083
YHR029C	28.811	-2.306	0.561	-4.108	4.00E-05	0.00122278
YOL152W	11.116	-2.303	0.870	-2.646	0.00815577	0.07818794
YOR285W	51.941	-2.300	0.443	-5.192	2.08E-07	1.33E-05
YJL012C	400.413	-2.283	0.273	-8.350	6.85E-17	2.53E-14
YKL103C	54.240	-2.282	0.433	-5.269	1.37E-07	9.41E-06
YDR019C	41.665	-2.262	0.475	-4.759	1.94E-06	9.33E-05
YHR143W	116.551	-2.259	0.339	-6.668	2.60E-11	3.67E-09
YJL016W	16.727	-2.244	0.713	-3.149	0.00163818	0.02458293
YDR272W	40.410	-2.244	0.504	-4.452	8.52E-06	0.00034096
YDL192W	262.483	-2.241	0.282	-7.937	2.07E-15	5.85E-13
YMR319C	28.870	-2.240	0.563	-3.977	6.97E-05	0.00189018
YDL124W	93.843	-2.223	0.375	-5.925	3.12E-09	3.26E-07
YLR256W	95.632	-2.203	0.374	-5.895	3.74E-09	3.82E-07
YML116W	21.482	-2.193	0.669	-3.279	0.00104073	0.01717745
YML131W	59.797	-2.176	0.443	-4.913	8.99E-07	4.84E-05
YBR066C	14.314	-2.174	0.756	-2.877	0.00401983	0.04663579
YER072W	219.916	-2.164	0.299	-7.229	4.86E-13	8.98E-11
YGR197C	12.865	-2.162	0.786	-2.751	0.00594996	0.06212534
YJL042W	41.035	-2.100	0.485	-4.328	1.51E-05	0.00054364
YJR127C	18.598	-2.097	0.696	-3.014	0.0025819	0.03400082
YBL001C	47.314	-2.085	0.481	-4.337	1.45E-05	0.00052612
YEL052W	21.721	-2.082	0.658	-3.162	0.00156872	0.02376832
YMR195W	68.984	-2.076	0.422	-4.920	8.67E-07	4.74E-05

YDL078C	66.353	-2.060	0.401	-5.133	2.85E-07	1.78E-05
YBR085C-A	48.500	-2.053	0.464	-4.430	9.44E-06	0.00035994
YLR367W	76.582	-2.035	0.409	-4.978	6.43E-07	3.64E-05
YIL123W	613.249	-2.025	0.344	-5.887	3.94E-09	3.94E-07
YNL055C	470.775	-1.990	0.269	-7.393	1.43E-13	2.75E-11
YMR297W	302.456	-1.989	0.292	-6.809	9.85E-12	1.56E-09
YHR016C	17.547	-1.955	0.674	-2.899	0.00374749	0.0442241
YER124C	95.570	-1.942	0.358	-5.428	5.70E-08	4.49E-06
YBR115C	59.620	-1.941	0.433	-4.482	7.40E-06	0.00030398
YJL060W	58.144	-1.925	0.417	-4.619	3.86E-06	0.00016706
YHL021C	70.218	-1.921	0.402	-4.779	1.76E-06	8.79E-05
YHR104W	44.718	-1.916	0.469	-4.081	4.48E-05	0.00134033
YFL004W	174.839	-1.903	0.308	-6.184	6.23E-10	7.67E-08
YOR153W	984.193	-1.898	0.252	-7.525	5.26E-14	1.10E-11
YBL003C	315.420	-1.896	0.655	-2.896	0.00378204	0.04452234
YKL197C	17.642	-1.884	0.709	-2.658	0.00785905	0.07625661
YAL044C	110.864	-1.871	0.346	-5.411	6.26E-08	4.85E-06
YDR100W	28.164	-1.865	0.571	-3.268	0.00108351	0.01753083
YBR230C	20.435	-1.864	0.647	-2.883	0.00393739	0.04586422
YDL131W	86.778	-1.846	0.363	-5.087	3.64E-07	2.24E-05
YNR050C	71.194	-1.830	0.405	-4.514	6.35E-06	0.00026523
YMR062C	33.842	-1.822	0.522	-3.488	0.00048665	0.00954037
YER088C	48.699	-1.813	0.443	-4.091	4.29E-05	0.00129571
YDL022W	284.446	-1.782	0.336	-5.306	1.12E-07	8.15E-06
YBR177C	77.518	-1.776	0.375	-4.736	2.18E-06	0.00010348
YPR036W-A	122.306	-1.749	0.332	-5.266	1.39E-07	9.42E-06
YNL115C	18.850	-1.734	0.652	-2.660	0.00782014	0.07603268
YMR038C	105.578	-1.731	0.341	-5.079	3.79E-07	2.30E-05
YJR137C	51.649	-1.729	0.431	-4.015	5.95E-05	0.00168089
YDR122W	35.817	-1.724	0.492	-3.501	0.00046307	0.00919052
YOR043W	26.641	-1.721	0.569	-3.024	0.00249731	0.03350435
YOR321W	32.446	-1.718	0.524	-3.281	0.0010355	0.01714997
YLR299W	27.134	-1.712	0.554	-3.091	0.00199431	0.02800778
YPL250C	22.845	-1.702	0.590	-2.883	0.00394231	0.04586422
YJL172W	190.280	-1.693	0.304	-5.573	2.51E-08	2.11E-06
YOL126C	43.986	-1.668	0.455	-3.665	0.00024757	0.00568934
YFR030W	37.321	-1.667	0.506	-3.295	0.00098251	0.01644255
YLR432W	545.214	-1.654	0.255	-6.491	8.50E-11	1.10E-08
YKL100C	39.789	-1.653	0.485	-3.410	0.00064885	0.01189482
YDR516C	74.095	-1.651	0.384	-4.300	1.71E-05	0.00060415
YDR043C	28.007	-1.629	0.551	-2.956	0.00311803	0.03849844
YJL200C	59.719	-1.626	0.417	-3.898	9.70E-05	0.0025457

YDL046W	104.098	-1.616	0.363	-4.448	8.66E-06	0.00034096
YER014W	24.548	-1.608	0.569	-2.824	0.00474061	0.05246352
YDR225W	396.398	-1.600	0.362	-4.420	9.89E-06	0.00037102
YPL206C	27.572	-1.591	0.571	-2.788	0.00531051	0.05796907
YOR347C	32.178	-1.586	0.521	-3.041	0.00235579	0.03214451
YAL005C	1921.940	-1.576	0.271	-5.824	5.75E-09	5.53E-07
YGR136W	57.653	-1.570	0.438	-3.588	0.00033299	0.00701458
YHR037W	65.407	-1.568	0.395	-3.965	7.33E-05	0.00196592
YEL021W	56.509	-1.565	0.425	-3.686	0.00022746	0.00530331
YPR098C	30.385	-1.559	0.555	-2.811	0.00494577	0.05448285
YHR161C	24.529	-1.555	0.572	-2.717	0.00658536	0.06681327
YNL098C	86.930	-1.547	0.361	-4.280	1.87E-05	0.00064041
YBR093C	366.924	-1.536	0.282	-5.444	5.22E-08	4.18E-06
YPR154W	35.079	-1.531	0.492	-3.115	0.00183749	0.02642356
YGL037C	158.922	-1.526	0.306	-4.980	6.34E-07	3.63E-05
YCR004C	186.895	-1.524	0.336	-4.536	5.72E-06	0.00024111
YOR316C	27.526	-1.522	0.567	-2.684	0.00726619	0.0722557
YAL022C	40.142	-1.519	0.466	-3.260	0.0011152	0.017795
YJL055W	24.858	-1.519	0.585	-2.597	0.00939866	0.08631316
YGR130C	68.147	-1.494	0.396	-3.774	0.00016079	0.00400139
YDR234W	66.067	-1.493	0.405	-3.685	0.00022897	0.00531266
YNR067C	146.958	-1.489	0.317	-4.699	2.62E-06	0.00012079
YER062C	82.693	-1.486	0.371	-4.007	6.14E-05	0.00170857
YLR231C	28.783	-1.471	0.541	-2.717	0.00659369	0.06681327
YJR104C	475.807	-1.469	0.355	-4.134	3.56E-05	0.00110416
YDL179W	34.406	-1.467	0.507	-2.892	0.00382963	0.0449724
YCR061W	60.749	-1.460	0.412	-3.547	0.00039006	0.00796148
YFL010C	96.877	-1.456	0.358	-4.068	4.74E-05	0.00140599
YKL142W	51.968	-1.456	0.441	-3.303	0.00095728	0.01618943
YNL212W	43.984	-1.455	0.453	-3.208	0.00133576	0.02069572
YBR139W	65.876	-1.452	0.398	-3.648	0.00026442	0.00601902
YGL028C	104.282	-1.443	0.356	-4.053	5.06E-05	0.00149062
YFR053C	139.004	-1.441	0.340	-4.241	2.23E-05	0.00073729
YOL130W	32.273	-1.426	0.515	-2.767	0.00566036	0.06018994
YDR497C	150.482	-1.416	0.318	-4.450	8.60E-06	0.00034096
YJR109C	156.592	-1.397	0.360	-3.878	0.00010532	0.00269386
YIL124W	61.774	-1.390	0.399	-3.484	0.00049394	0.00963738
YPL154C	368.552	-1.386	0.263	-5.277	1.31E-07	9.15E-06
YDR178W	42.126	-1.383	0.485	-2.854	0.00432039	0.0491726
YKR066C	125.663	-1.373	0.404	-3.396	0.00068367	0.01234467
YGR192C	26596.393	-1.370	0.264	-5.201	1.99E-07	1.29E-05
YBR126C	143.272	-1.361	0.350	-3.884	0.00010262	0.00264997

YFR047C	42.637	-1.359	0.455	-2.984	0.00284192	0.0359769
YGL189C	1085.387	-1.356	0.264	-5.136	2.80E-07	1.77E-05
YDR032C	164.660	-1.355	0.313	-4.322	1.55E-05	0.00054999
YDL237W	46.849	-1.338	0.467	-2.867	0.00414677	0.04764822
YOR124C	39.922	-1.335	0.486	-2.747	0.00601537	0.06240132
YPL091W	158.982	-1.330	0.310	-4.295	1.74E-05	0.000607
YKL164C	666.136	-1.321	0.327	-4.038	5.38E-05	0.00156223
YBR010W	520.690	-1.312	0.349	-3.760	0.00016973	0.00415927
YBR162C	452.198	-1.309	0.314	-4.167	3.08E-05	0.00098098
YGR161C	32.534	-1.309	0.509	-2.572	0.0101157	0.09081445
YNL066W	133.928	-1.305	0.348	-3.754	0.00017394	0.00423043
YMR086W	37.585	-1.296	0.491	-2.641	0.00827299	0.07881553
YGR260W	74.409	-1.294	0.375	-3.450	0.00056031	0.01055734
YLR354C	450.474	-1.294	0.281	-4.598	4.27E-06	0.00018323
YDL125C	104.767	-1.287	0.367	-3.505	0.00045646	0.00909694
YJL151C	45.544	-1.280	0.445	-2.874	0.00404727	0.046841
YCR088W	294.583	-1.273	0.297	-4.280	1.87E-05	0.00064041
YJR044C	41.681	-1.268	0.456	-2.779	0.00545224	0.05897997
YOL151W	110.853	-1.261	0.339	-3.717	0.00020187	0.00484799
YLR459W	39.119	-1.257	0.480	-2.621	0.00876031	0.0818595
YBL050W	54.314	-1.253	0.488	-2.569	0.01019696	0.09137315
YGR037C	74.373	-1.250	0.403	-3.097	0.00195679	0.02788523
YCR069W	57.917	-1.246	0.413	-3.014	0.00257914	0.03400082
YBR035C	67.155	-1.246	0.391	-3.188	0.00143438	0.02201055
YKL215C	57.728	-1.232	0.408	-3.018	0.00254059	0.03380181
YLL026W	314.691	-1.225	0.278	-4.406	1.05E-05	0.00038865
YBR056W	43.387	-1.221	0.463	-2.639	0.00830851	0.07886518
YER026C	104.958	-1.209	0.370	-3.266	0.00109244	0.01753083
YPR149W	404.183	-1.206	0.258	-4.671	3.00E-06	0.00013591
YIL051C	261.292	-1.199	0.291	-4.113	3.90E-05	0.00119986
YEL071W	411.570	-1.194	0.269	-4.437	9.13E-06	0.00035517
YDR297W	70.269	-1.191	0.406	-2.931	0.00337455	0.04082606
YKL157W	212.108	-1.189	0.295	-4.033	5.51E-05	0.00158408
YGL213C	46.897	-1.186	0.459	-2.585	0.00974749	0.08816793
YDR510W	69.600	-1.185	0.428	-2.772	0.00557691	0.05992368
YMR027W	80.872	-1.177	0.363	-3.244	0.00117979	0.01870145
YHR009C	55.516	-1.168	0.412	-2.831	0.00464586	0.05189322
YBR222C	70.236	-1.168	0.389	-3.005	0.00265829	0.03450751
YOR142W	117.462	-1.163	0.333	-3.491	0.0004807	0.00946236
YCR011C	108.758	-1.150	0.334	-3.445	0.00057109	0.010673
YOR099W	195.427	-1.137	0.315	-3.609	0.00030756	0.00665403
YPR091C	44.053	-1.137	0.449	-2.533	0.0113213	0.09797511

YML070W	126.075	-1.131	0.345	-3.274	0.00105879	0.01735617
YOR176W	74.494	-1.127	0.380	-2.964	0.00303919	0.03771898
YOR136W	327.399	-1.126	0.282	-3.988	6.66E-05	0.00181704
YDL128W	58.040	-1.126	0.410	-2.747	0.00601026	0.06240132
YPL004C	328.749	-1.126	0.303	-3.715	0.00020326	0.00485692
YGR086C	572.335	-1.120	0.279	-4.020	5.83E-05	0.00166623
YKL210W	560.873	-1.104	0.277	-3.990	6.62E-05	0.00181704
YJL130C	1061.495	-1.088	0.308	-3.536	0.00040579	0.00816747
YDR033W	998.753	-1.060	0.256	-4.146	3.38E-05	0.001062
YMR295C	108.277	-1.057	0.345	-3.064	0.0021811	0.02993091
YNL037C	226.385	-1.056	0.281	-3.753	0.0001744	0.00423043
YLR027C	284.210	-1.054	0.291	-3.619	0.0002959	0.00658316
YDR513W	110.612	-1.053	0.334	-3.152	0.0016208	0.02440352
YHL003C	67.603	-1.034	0.386	-2.679	0.0073745	0.07307204
YDR055W	178.369	-1.033	0.326	-3.172	0.00151415	0.02308712
YFR024C-A	96.027	-1.029	0.358	-2.871	0.00409792	0.04719978
YKL035W	299.647	-1.028	0.284	-3.616	0.00029906	0.00658316
YNL327W	283.825	-1.010	0.289	-3.493	0.00047676	0.0094233
YEL027W	688.472	-0.993	0.318	-3.125	0.00177605	0.02577147
YGL026C	422.664	-0.985	0.283	-3.483	0.00049561	0.00963738
YLR043C	157.623	-0.984	0.308	-3.198	0.00138402	0.02130599
YDR388W	143.493	-0.964	0.332	-2.904	0.00368708	0.04380598
YML035C	102.198	-0.948	0.345	-2.745	0.00604953	0.06262049
YPL262W	169.279	-0.942	0.331	-2.849	0.00438186	0.049637
YGL077C	78.912	-0.941	0.367	-2.563	0.01036829	0.09257849
YOR086C	118.713	-0.932	0.328	-2.839	0.0045256	0.05078616
YER177W	838.225	-0.930	0.270	-3.450	0.00056051	0.01055734
YCR012W	11992.495	-0.929	0.281	-3.312	0.00092739	0.01579527
YLR420W	113.374	-0.926	0.358	-2.588	0.00965728	0.08751681
YLR113W	88.483	-0.922	0.353	-2.614	0.00895417	0.08286488
YOL004W	158.387	-0.922	0.306	-3.010	0.00260996	0.03406424
YPL135W	106.282	-0.921	0.350	-2.629	0.00857144	0.08056487
YNL071W	361.934	-0.906	0.301	-3.011	0.00260243	0.03405848
YIL053W	1286.131	-0.902	0.251	-3.590	0.0003304	0.00699736
YOR323C	194.305	-0.895	0.297	-3.011	0.00260046	0.03405848
YOR247W	267.668	-0.895	0.322	-2.777	0.00547927	0.0591392
YDR074W	117.727	-0.885	0.326	-2.712	0.00667992	0.06740259
YFL018C	196.725	-0.877	0.292	-3.003	0.00267411	0.03461928
YOR209C	116.864	-0.874	0.328	-2.664	0.00771827	0.0755007
YER090W	123.750	-0.872	0.336	-2.595	0.00946944	0.08663183
YDR353W	352.080	-0.864	0.297	-2.907	0.00364854	0.04348367
YJL174W	120.272	-0.863	0.326	-2.645	0.0081773	0.0782382

YGL200C	161.909	-0.861	0.305	-2.826	0.00470842	0.05222763
YHR174W	32634.055	-0.860	0.298	-2.891	0.00384306	0.04501998
YIL125W	176.882	-0.859	0.309	-2.779	0.00544881	0.05897997
YBR196C	3180.652	-0.854	0.262	-3.253	0.00114143	0.0181533
YGR209C	195.198	-0.853	0.313	-2.726	0.00640955	0.06550011
YGL012W	306.178	-0.849	0.280	-3.028	0.00246489	0.03334891
YJR139C	716.685	-0.846	0.275	-3.072	0.00212957	0.02947638
YML086C	142.445	-0.846	0.326	-2.592	0.00952978	0.08685299
YER055C	253.600	-0.841	0.323	-2.605	0.00917439	0.08473959
YNL322C	188.905	-0.832	0.328	-2.538	0.01114365	0.09713784
YGL253W	1308.556	-0.828	0.243	-3.399	0.00067581	0.01224871
YJL078C	204.451	-0.825	0.323	-2.554	0.01065244	0.09457241
YJL020C	148.319	-0.817	0.321	-2.544	0.01094496	0.09645621
YBR221C	348.279	-0.816	0.270	-3.021	0.00252025	0.03371797
YJR148W	300.609	-0.814	0.275	-2.961	0.00306713	0.03796761
YER086W	221.286	-0.799	0.291	-2.750	0.00596732	0.06217148
YKL216W	339.560	-0.799	0.281	-2.845	0.00443993	0.05017642
YML078W	145.835	-0.789	0.311	-2.540	0.01107998	0.09689313
YER125W	170.736	-0.785	0.305	-2.573	0.01008922	0.09074631
YGR124W	703.995	-0.781	0.249	-3.137	0.00170719	0.02522967
YDL066W	362.713	-0.774	0.284	-2.727	0.0063844	0.06538229
YER178W	477.040	-0.772	0.260	-2.972	0.00296129	0.03694306
YDR170C	237.291	-0.772	0.304	-2.542	0.0110377	0.09674104
YER091C	405.525	-0.734	0.270	-2.714	0.00664297	0.06717087
YGR204W	438.378	-0.732	0.259	-2.828	0.00468516	0.05208985
YDR135C	213.782	-0.731	0.285	-2.563	0.01037002	0.09257849
YKR001C	253.999	-0.708	0.278	-2.542	0.01102196	0.09674104
YDR158W	450.622	-0.702	0.265	-2.656	0.00790954	0.07643764
YBR286W	777.564	-0.656	0.250	-2.626	0.00864561	0.08094519
YBR127C	797.361	-0.654	0.247	-2.642	0.00824216	0.07870199
YAL038W	15927.696	-0.645	0.244	-2.640	0.00828687	0.07881553
YEL054C	823.508	0.645	0.253	2.545	0.01092296	0.09643927
YHR007C	676.254	0.666	0.261	2.554	0.01063867	0.09457241
YHR010W	947.972	0.727	0.269	2.703	0.00687157	0.06890219
YNL112W	311.545	0.728	0.287	2.540	0.0110954	0.09689313
YLR344W	372.583	0.732	0.265	2.767	0.00565552	0.06018994
YGR175C	509.678	0.740	0.275	2.689	0.00715945	0.07149034
YHR190W	292.287	0.750	0.277	2.706	0.00681521	0.0686236
YBR084W	292.969	0.755	0.273	2.761	0.00575886	0.06052475
YEL040W	349.573	0.817	0.266	3.074	0.00210947	0.02936743
YNL132W	217.471	0.837	0.302	2.766	0.00566877	0.06018994
YGL049C	130.354	0.852	0.336	2.537	0.01117985	0.09727688

YLR355C	2036.618	0.853	0.292	2.920	0.00349967	0.0422334
YDR194C	137.024	0.854	0.320	2.672	0.0075402	0.07421221
YOL077C	127.431	0.867	0.330	2.627	0.00862348	0.08089567
YMR235C	231.683	0.877	0.285	3.072	0.00212788	0.02947638
YMR015C	245.000	0.892	0.282	3.159	0.00158156	0.02388744
YDR060W	183.889	0.894	0.327	2.729	0.00635944	0.0652658
YNL281W	106.213	0.896	0.342	2.619	0.00880843	0.08199011
YDR324C	115.525	0.903	0.341	2.650	0.00804348	0.07726571
YMR202W	402.491	0.906	0.262	3.462	0.00053614	0.01030029
YER001W	169.882	0.914	0.311	2.941	0.00326806	0.03994022
YMR049C	169.442	0.924	0.307	3.013	0.00258386	0.03400082
YGL078C	153.153	0.928	0.325	2.857	0.00427709	0.04879538
YLR222C	115.132	0.930	0.336	2.764	0.00571447	0.06018994
YKR093W	536.296	0.937	0.312	3.002	0.00268552	0.0346415
YOL021C	113.044	0.937	0.343	2.734	0.0062594	0.06437664
YOR272W	127.798	0.938	0.337	2.785	0.00534779	0.05824366
YGL187C	95.443	0.947	0.354	2.673	0.00751428	0.07410896
YMR290C	185.133	0.956	0.322	2.966	0.00301472	0.03751218
YDL086W	87.518	0.967	0.371	2.604	0.00922055	0.08500249
YDR471W	430.768	0.969	0.266	3.638	0.00027453	0.00621961
YLR002C	80.056	0.987	0.377	2.620	0.00879487	0.08199011
YJL198W	91.704	0.988	0.363	2.723	0.00647052	0.0659495
YNL244C	118.094	0.988	0.357	2.764	0.00571436	0.06018994
YBR034C	136.887	0.992	0.321	3.091	0.00199197	0.02800778
YKR056W	76.386	0.993	0.385	2.575	0.01002785	0.0903635
YMR243C	296.868	0.993	0.274	3.620	0.00029423	0.00658316
YKL016C	106.656	1.006	0.349	2.883	0.00394377	0.04586422
YNL061W	177.197	1.008	0.309	3.266	0.00109108	0.01753083
YLR172C	148.091	1.010	0.319	3.168	0.0015337	0.02331124
YKR081C	101.306	1.011	0.355	2.850	0.00436671	0.04958227
YOR206W	170.573	1.026	0.328	3.127	0.00176755	0.02572585
YHR051W	88.033	1.029	0.378	2.722	0.00648098	0.0659495
YGL001C	164.939	1.032	0.316	3.265	0.00109499	0.01753083
YHR208W	284.480	1.034	0.286	3.616	0.00029971	0.00658316
YDL051W	155.367	1.042	0.313	3.328	0.00087528	0.01501422
YDR232W	175.757	1.044	0.316	3.300	0.00096718	0.01624258
YNL248C	172.921	1.045	0.316	3.309	0.00093623	0.01588939
YER073W	93.631	1.045	0.360	2.901	0.003717	0.04397228
YDR496C	146.426	1.057	0.323	3.277	0.0010506	0.01728096
YOR312C	1073.925	1.058	0.239	4.436	9.17E-06	0.00035517
YDL031W	108.588	1.061	0.354	2.995	0.00274596	0.03526424
YLR401C	65.734	1.075	0.414	2.598	0.00938543	0.08631316

YNL220W	229.422	1.076	0.301	3.571	0.0003551	0.00741543
YBL064C	69.458	1.077	0.394	2.735	0.00624358	0.06435179
YGL111W	77.477	1.079	0.380	2.838	0.00454612	0.05089743
YDR153C	62.895	1.085	0.413	2.629	0.00856678	0.08056487
YGR014W	117.258	1.090	0.349	3.128	0.00176127	0.02572585
YDR398W	99.775	1.101	0.362	3.044	0.00233317	0.03192647
YOR360C	61.438	1.103	0.411	2.686	0.00723079	0.07205287
YOL058W	113.909	1.113	0.344	3.232	0.00122941	0.01934424
YEL050C	55.524	1.114	0.429	2.596	0.00942251	0.08636704
YCL059C	71.867	1.120	0.394	2.843	0.004466	0.05035258
YPL093W	303.237	1.123	0.278	4.038	5.40E-05	0.00156223
YMR260C	102.069	1.126	0.349	3.225	0.00125785	0.0196151
YDR161W	58.102	1.127	0.428	2.635	0.00841572	0.07972526
YKL021C	79.119	1.128	0.383	2.946	0.00322224	0.03968312
YKL205W	83.676	1.129	0.406	2.781	0.00541434	0.05883498
YLR129W	127.335	1.135	0.333	3.406	0.00065921	0.01199313
YLR359W	307.606	1.139	0.339	3.359	0.00078095	0.01379004
YBR142W	86.506	1.142	0.369	3.093	0.00198055	0.02797812
YNL002C	114.883	1.149	0.343	3.351	0.00080531	0.01409978
YBR172C	58.733	1.162	0.421	2.760	0.00578118	0.06062661
YAL049C	57.520	1.164	0.421	2.764	0.00570372	0.06018994
YGR145W	99.858	1.168	0.362	3.230	0.00123649	0.01934484
YAL025C	86.816	1.179	0.370	3.184	0.00145415	0.02224296
YLL011W	62.220	1.189	0.419	2.840	0.00450724	0.05069848
YML126C	738.563	1.201	0.246	4.890	1.01E-06	5.33E-05
YKL009W	134.954	1.204	0.325	3.707	0.00020973	0.00496211
YNR053C	107.282	1.204	0.362	3.325	0.00088498	0.01512648
YKR024C	45.730	1.205	0.467	2.583	0.0098069	0.08853858
YBR247C	86.358	1.210	0.384	3.148	0.00164296	0.02458293
YMR300C	99.371	1.210	0.405	2.985	0.0028329	0.0359769
YKL150W	134.923	1.210	0.333	3.637	0.00027631	0.00623067
YPR144C	75.529	1.211	0.387	3.127	0.00176585	0.02572585
YLR409C	103.650	1.215	0.358	3.391	0.00069719	0.01254156
YPL081W	631.227	1.215	0.272	4.464	8.03E-06	0.00032674
YMR145C	343.604	1.220	0.292	4.182	2.89E-05	0.00093223
YIL070C	100.027	1.234	0.399	3.094	0.00197626	0.02797812
YBR061C	44.095	1.236	0.466	2.653	0.00797981	0.07680764
YLR003C	46.985	1.245	0.460	2.704	0.00684824	0.06881192
YHR032W	75.121	1.252	0.399	3.139	0.00169545	0.02513347
YKL172W	129.210	1.264	0.331	3.823	0.00013172	0.00331229
YJR063W	57.714	1.267	0.434	2.917	0.00353339	0.0423914
YKL106W	39.913	1.269	0.485	2.618	0.00884766	0.082196

YNR015W	42.730	1.270	0.482	2.634	0.00844601	0.07985468
YGR165W	43.371	1.281	0.487	2.631	0.00851594	0.08035764
YKL027W	62.577	1.282	0.411	3.120	0.00180642	0.02613318
YLR209C	37.792	1.301	0.502	2.592	0.0095288	0.08685299
YCL054W	105.724	1.321	0.361	3.656	0.00025634	0.0058629
YDR529C	74.529	1.327	0.389	3.409	0.00065231	0.01191263
YIR038C	61.679	1.337	0.414	3.231	0.00123243	0.01934424
YIR035C	40.603	1.343	0.498	2.696	0.00702762	0.07032013
YHR072W	90.913	1.350	0.380	3.549	0.00038672	0.00793985
YMR014W	35.493	1.368	0.514	2.661	0.00779009	0.07589408
YEL065W	117.428	1.377	0.403	3.420	0.00062533	0.01155172
YML091C	65.900	1.378	0.460	2.993	0.00276651	0.03543345
YHR196W	77.760	1.378	0.396	3.479	0.00050278	0.00973731
YHR030C	84.835	1.380	0.402	3.428	0.00060857	0.01128562
YGR211W	181.916	1.384	0.324	4.268	1.97E-05	0.00067239
YER060W	32.832	1.384	0.544	2.543	0.0109984	0.09674104
YOR145C	90.883	1.385	0.373	3.710	0.00020732	0.00492943
YGL107C	48.976	1.387	0.452	3.070	0.002143	0.02957711
YOR342C	45.613	1.387	0.464	2.988	0.00281179	0.03591758
YHR088W	42.632	1.404	0.507	2.767	0.00566238	0.06018994
YFL002C	45.092	1.412	0.469	3.008	0.00262822	0.03420962
YPR119W	45.854	1.423	0.470	3.028	0.00245986	0.03334891
YNL182C	78.374	1.440	0.431	3.341	0.0008362	0.01455168
YNL110C	74.711	1.447	0.391	3.697	0.0002178	0.00510298
YLR179C	389.695	1.451	0.313	4.634	3.59E-06	0.00015719
YNL113W	41.789	1.454	0.489	2.973	0.00294926	0.03688883
YHR197W	96.045	1.456	0.366	3.975	7.04E-05	0.00189829
YMR008C	117.861	1.463	0.344	4.252	2.12E-05	0.00070634
YEL034W	1903.242	1.466	0.239	6.142	8.15E-10	9.79E-08
YNR019W	133.823	1.467	0.347	4.233	2.30E-05	0.00075806
YPR137W	65.499	1.467	0.424	3.456	0.00054805	0.01040475
YMR011W	440.856	1.472	0.299	4.919	8.69E-07	4.74E-05
YGR111W	43.693	1.480	0.474	3.119	0.00181545	0.02618505
YMR006C	260.157	1.480	0.315	4.697	2.64E-06	0.00012079
YLR099C	26.430	1.496	0.587	2.550	0.01076979	0.09543785
YJL122W	45.299	1.502	0.480	3.130	0.00174845	0.02568142
YEL024W	104.238	1.510	0.359	4.203	2.64E-05	0.00086225
YMR242C	1250.793	1.522	0.239	6.382	1.75E-10	2.21E-08
YCR087C-A	43.700	1.545	0.473	3.268	0.00108273	0.01753083
YDR465C	56.113	1.555	0.441	3.528	0.00041822	0.00836956
YBL054W	32.013	1.555	0.564	2.756	0.0058512	0.06122727
YPR190C	77.591	1.558	0.388	4.013	6.00E-05	0.00168387

YHR052W	117.224	1.562	0.353	4.420	9.85E-06	0.00037102
YOL158C	61.552	1.580	0.438	3.604	0.00031285	0.00673818
YPR143W	28.868	1.584	0.591	2.679	0.00739392	0.07307204
YDL150W	38.572	1.590	0.506	3.139	0.00169243	0.02513347
YPR020W	32.676	1.605	0.538	2.984	0.00284639	0.0359769
YHR066W	75.107	1.606	0.407	3.947	7.90E-05	0.00210856
YDR449C	57.169	1.615	0.447	3.614	0.00030154	0.00658316
YGR079W	50.551	1.629	0.473	3.447	0.00056668	0.01063196
YLR287C-A	40.814	1.649	0.583	2.829	0.00467146	0.05205805
YDR399W	165.350	1.655	0.350	4.723	2.32E-06	0.00010836
YHR169W	48.994	1.656	0.460	3.602	0.00031588	0.00677304
YAR015W	123.439	1.656	0.401	4.135	3.55E-05	0.00110416
YLR084C	39.684	1.685	0.524	3.217	0.00129409	0.02011485
YBR267W	55.289	1.685	0.444	3.800	0.00014468	0.00361915
YLR439W	46.099	1.690	0.475	3.561	0.0003694	0.00768058
YKL099C	29.253	1.704	0.593	2.872	0.00407443	0.04704202
YKL078W	39.114	1.736	0.514	3.375	0.00073792	0.01317556
YIL114C	42.397	1.761	0.493	3.574	0.00035139	0.00736998
YJR003C	54.117	1.764	0.453	3.894	9.85E-05	0.00255891
YBR244W	121.813	1.764	0.350	5.047	4.48E-07	2.69E-05
YNL052W	107.197	1.774	0.400	4.434	9.24E-06	0.00035517
YPL111W	140.337	1.777	0.394	4.508	6.53E-06	0.00027057
YKL120W	34.182	1.784	0.535	3.336	0.00084918	0.01472423
YOR065W	178.717	1.793	0.342	5.239	1.61E-07	1.07E-05
YHL040C	36.006	1.800	0.540	3.331	0.00086428	0.01487859
YDL063C	78.291	1.850	0.399	4.638	3.51E-06	0.00015617
YGR049W	37.650	1.857	0.523	3.549	0.00038683	0.00793985
YOL140W	24.940	1.860	0.620	3.001	0.00269025	0.0346415
YER069W	82.552	1.898	0.398	4.773	1.81E-06	8.89E-05
YLR435W	37.261	1.910	0.528	3.615	0.00030004	0.00658316
YBR085W	15.665	1.921	0.758	2.535	0.01124516	0.09766817
YMR134W	25.756	1.958	0.635	3.083	0.00204605	0.02865059
YPL141C	20.933	1.967	0.669	2.938	0.00329944	0.0402042
YNL141W	120.169	1.968	0.350	5.617	1.95E-08	1.70E-06
YKL029C	333.505	1.996	0.282	7.072	1.52E-12	2.61E-10
YCR037C	52.573	1.998	0.462	4.326	1.52E-05	0.00054364
YGR159C	805.570	2.002	0.263	7.615	2.64E-14	5.76E-12
YOR287C	18.566	2.019	0.738	2.735	0.00624127	0.06435179
YBR104W	26.072	2.035	0.636	3.200	0.0013726	0.02119811
YLR103C	14.563	2.036	0.795	2.559	0.01048528	0.09343377
YMR239C	19.765	2.041	0.703	2.903	0.00369382	0.04380598
YDR299W	58.772	2.055	0.448	4.586	4.51E-06	0.0001919

YPL214C	14.020	2.071	0.813	2.549	0.01081207	0.09563607
YFR055W	176.832	2.082	0.343	6.063	1.34E-09	1.50E-07
YKL166C	24.570	2.129	0.658	3.237	0.0012093	0.01910612
YML075C	250.257	2.140	0.302	7.084	1.40E-12	2.49E-10
YIL162W	126.609	2.143	0.362	5.926	3.11E-09	3.26E-07
YER044C	93.361	2.152	0.398	5.402	6.59E-08	5.03E-06
YNR066C	24.508	2.205	0.756	2.918	0.00352447	0.0423914
YJR048W	110.185	2.217	0.365	6.082	1.19E-09	1.39E-07
YMR009W	25.943	2.223	0.643	3.457	0.00054692	0.01040475
YHR137W	87.361	2.281	0.414	5.511	3.56E-08	2.95E-06
YMR120C	217.243	2.309	0.764	3.024	0.00249401	0.03350435
YGR183C	12.822	2.356	0.884	2.665	0.00769672	0.07544358
YHR071W	12.398	2.385	0.890	2.679	0.00738849	0.07307204
YGR142W	53.305	2.403	0.477	5.034	4.80E-07	2.85E-05
YNL111C	119.234	2.451	0.372	6.582	4.65E-11	6.20E-09
YGL211W	16.719	2.469	0.805	3.065	0.00217388	0.0299173
YLL012W	57.137	2.483	0.470	5.285	1.25E-07	8.99E-06
YAL040C	69.089	2.527	0.459	5.504	3.71E-08	3.02E-06
YOL014W	12.549	2.589	0.937	2.764	0.00571422	0.06018994
YOR319W	16.908	2.635	0.851	3.096	0.00196236	0.02788523
YKR046C	109.129	2.688	0.386	6.962	3.35E-12	5.55E-10
YDR380W	66.366	2.740	0.481	5.702	1.19E-08	1.10E-06
YGL117W	11.552	2.757	0.996	2.768	0.00563321	0.06018994
YKL201C	37.398	2.777	0.580	4.790	1.66E-06	8.41E-05
YLR460C	32.864	2.819	0.632	4.460	8.19E-06	0.00033048
YJL088W	35.338	2.974	0.610	4.876	1.09E-06	5.60E-05
YMR316W	18.977	3.017	0.823	3.668	0.00024438	0.0056431
YDR453C	9.474	3.232	1.157	2.794	0.00520079	0.05711998
YOR208W	11.727	3.294	1.086	3.033	0.00242275	0.03296452
YBR008C	10.821	3.305	1.097	3.014	0.00257763	0.03400082
YPL052W	9.899	3.544	1.002	3.536	0.00040642	0.00816747
YPR013C	21.613	3.564	0.836	4.263	2.02E-05	0.00068295
YER081W	137.506	3.752	0.428	8.776	1.69E-18	9.00E-16
YML002W	11.207	3.759	1.259	2.986	0.00282872	0.0359769
YLR205C	18.276	4.029	1.003	4.017	5.91E-05	0.00167836
YKL187C	7.198	4.372	1.576	2.774	0.005529	0.05954207
YDR444W	7.323	4.394	1.573	2.794	0.00520894	0.05711998
YBR083W	7.459	4.415	1.566	2.819	0.00482283	0.05325071
YML081C-A	7.684	4.742	1.657	2.861	0.00422132	0.04838902
YPL088W	38.391	4.871	0.857	5.681	1.34E-08	1.19E-06
YPL171C	4.333	5.067	1.816	2.790	0.00527747	0.05773955
YOR032C	4.615	5.132	1.795	2.859	0.004247	0.04856745

YHL043W	10.285	5.481	1.635	3.352	0.00080332	0.01409978
YJL108C	6.355	5.613	1.707	3.288	0.00100814	0.0167546
YHR049C-A	3.887	5.645	1.870	3.019	0.00253974	0.03380181
YNR060W	68.718	6.092	0.909	6.704	2.03E-11	3.05E-09
YDL231C	30.935	6.489	1.400	4.633	3.60E-06	0.00015719
YLR046C	38.187	6.685	1.388	4.817	1.46E-06	7.44E-05
YGR213C	20.692	7.310	1.547	4.726	2.29E-06	0.00010793
YDL039C	18.821	7.403	1.555	4.763	1.91E-06	9.28E-05
YJL213W	28.344	7.520	1.522	4.941	7.78E-07	4.34E-05
YLR411W	35.236	8.075	1.521	5.308	1.11E-07	8.15E-06
YGL088W	736.032	12.142	1.346	9.019	1.89E-19	1.14E-16