

Gene Name	baseMean	log2FoldChai	lfcSE	stat	pvalue	padj
YNL143C	1232.735	-11.733	1.462	-8.025	1.01E-15	4.05E-14
YLR154W-A	50.258	-9.004	1.500	-6.002	1.95E-09	3.04E-08
YOR133W	580.010	-8.536	1.457	-5.859	4.64E-09	6.81E-08
YKR105C	41.099	-8.096	1.509	-5.367	8.02E-08	8.96E-07
YCR024C-B	103.680	-8.015	1.474	-5.437	5.43E-08	6.42E-07
YHR145C	68.606	-7.190	1.499	-4.795	1.62E-06	1.36E-05
YHL001W	100.960	-6.651	1.474	-4.511	6.45E-06	4.65E-05
YNL303W	41.940	-6.273	1.504	-4.171	3.03E-05	0.000187173
YPR192W	20.629	-6.043	1.464	-4.128	3.66E-05	0.000221874
YGL208W	87.407	-5.828	0.729	-7.993	1.32E-15	5.24E-14
YER085C	5.531	-5.561	1.825	-3.047	0.002313312	0.008126481
YER066C-A	6.976	-5.551	1.749	-3.174	0.00150153	0.005611905
YHR136C	218.182	-5.456	0.461	-11.848	2.20E-32	4.79E-30
YGR182C	29.202	-5.291	1.524	-3.472	0.000517184	0.00224816
YNL336W	35.594	-5.239	1.512	-3.465	0.000529524	0.002292638
YPR202W	32.422	-5.178	1.518	-3.412	0.000644929	0.00272292
YLL046C	3.772	-5.008	1.980	-2.529	0.011445684	0.031775815
YAL061W	260.709	-4.937	0.380	-13.007	1.11E-38	4.65E-36
YFL030W	45.711	-4.924	0.785	-6.272	3.56E-10	6.32E-09
YLR252W	9.920	-4.855	1.661	-2.923	0.003461213	0.01149089
YER067W	34.733	-4.847	0.878	-5.524	3.32E-08	4.18E-07
YPR145C-A	2.142	-4.686	2.341	-2.001	0.045352883	0.099769004
YDR095C	4.508	-4.620	1.888	-2.447	0.014403289	0.038621838
YLR294C	25.021	-4.619	1.448	-3.190	0.001421073	0.005333192
YHR039C-A	22.287	-4.560	1.546	-2.951	0.00317084	0.010696666
YHR140W	42.530	-4.516	0.741	-6.097	1.08E-09	1.77E-08
YBL071C	11.715	-4.480	1.629	-2.750	0.005959273	0.018195692
YIL100W	2.898	-4.477	2.127	-2.105	0.035285508	0.081548063
YDR070C	9.138	-4.467	1.372	-3.255	0.001133205	0.004382202
YKR039W	79.183	-4.432	0.555	-7.980	1.46E-15	5.75E-14
YLR053C	12.965	-4.419	1.285	-3.440	0.000581099	0.002498035
YIL060W	13.511	-4.372	1.609	-2.718	0.006570191	0.019904569
YKL223W	2.640	-4.340	2.159	-2.010	0.044388132	0.098003516
YDR001C	505.195	-4.315	0.266	-16.233	2.95E-59	3.21E-56
YFL014W	32.755	-4.253	0.808	-5.263	1.41E-07	1.47E-06
YGL168W	10.210	-4.242	1.658	-2.559	0.010494082	0.029660508
YCL064C	1773.505	-4.226	0.197	-21.401	1.29E-101	7.04E-98
YCL040W	1879.652	-4.198	0.678	-6.195	5.81E-10	1.00E-08
YDR533C	281.058	-4.197	0.794	-5.283	1.27E-07	1.34E-06
YPL198W	202.667	-4.108	1.605	-2.560	0.010471071	0.02961086
YNL170W	9.666	-4.073	1.661	-2.452	0.01419214	0.038149707

YOR100C	20.995	-4.050	0.934	-4.337	1.45E-05	9.62E-05
YLR269C	6.382	-4.048	1.768	-2.289	0.022096591	0.055246558
YBR054W	184.733	-4.036	0.354	-11.397	4.32E-30	8.11E-28
YAL054C	43.695	-4.009	0.665	-6.030	1.64E-09	2.58E-08
YML100W	492.530	-4.007	0.272	-14.753	2.93E-49	1.99E-46
YMR133W	34.875	-4.003	0.747	-5.360	8.30E-08	9.20E-07
YOR015W	8.550	-3.993	1.688	-2.366	0.018001754	0.046395043
YJL161W	39.231	-3.987	0.691	-5.769	7.98E-09	1.12E-07
YJL077C	5.442	-3.952	1.828	-2.162	0.030648574	0.072338085
YNL134C	1428.211	-3.945	0.246	-16.029	8.04E-58	7.29E-55
YOR300W	6.623	-3.930	1.752	-2.244	0.024846876	0.060781517
YKL084W	34.134	-3.889	0.719	-5.408	6.37E-08	7.30E-07
YPL282C	5.974	-3.872	1.705	-2.271	0.023159052	0.057341862
YOR170W	5.619	-3.862	1.811	-2.133	0.032901851	0.076888813
YPR146C	7.574	-3.854	1.715	-2.247	0.024644074	0.060421314
YDR461C-A	8.710	-3.839	1.377	-2.788	0.005310107	0.016519658
YBR052C	204.015	-3.834	0.336	-11.401	4.12E-30	8.00E-28
YLR258W	635.470	-3.812	0.241	-15.837	1.72E-56	1.34E-53
YGR234W	2331.883	-3.801	0.206	-18.491	2.46E-76	6.68E-73
YBL109W	6.172	-3.717	1.457	-2.552	0.010721878	0.030194495
YKR053C	132.293	-3.704	0.382	-9.694	3.19E-22	2.48E-20
YCR018C	44.895	-3.697	0.628	-5.888	3.91E-09	5.83E-08
YBL113C	30.695	-3.693	1.520	-2.429	0.015138733	0.040080053
YNL196C	27.100	-3.525	0.756	-4.662	3.13E-06	2.43E-05
YHR139C	27.834	-3.476	0.742	-4.686	2.78E-06	2.21E-05
YDR119W-A	12.364	-3.425	0.979	-3.498	0.000468365	0.002063723
YOR173W	80.985	-3.421	0.486	-7.045	1.85E-12	4.68E-11
YOL082W	382.121	-3.418	0.275	-12.443	1.52E-35	4.14E-33
YNL036W	840.929	-3.403	1.392	-2.445	0.014478946	0.038786458
YGR044C	38.504	-3.360	0.639	-5.257	1.47E-07	1.52E-06
YKL026C	19.104	-3.316	0.860	-3.856	0.000115471	0.000605528
YPR006C	57.959	-3.300	0.517	-6.383	1.73E-10	3.24E-09
YMR251W	74.422	-3.229	0.473	-6.834	8.28E-12	1.95E-10
YMR250W	453.361	-3.228	0.249	-12.975	1.70E-38	6.61E-36
YJL079C	209.916	-3.218	0.312	-10.331	5.10E-25	5.44E-23
YJL217W	355.782	-3.213	0.803	-4.003	6.26E-05	0.000356246
YER150W	33.304	-3.167	0.676	-4.683	2.83E-06	2.23E-05
YGR043C	25.524	-3.164	0.742	-4.265	2.00E-05	0.000128435
YDR193W	5.079	-3.155	1.571	-2.009	0.044548942	0.098238909
YML128C	296.809	-3.121	0.279	-11.172	5.56E-29	9.45E-27
YBR066C	171.873	-3.101	0.330	-9.384	6.34E-21	4.20E-19
YDL024C	15.469	-3.099	0.928	-3.341	0.000834017	0.003384614

YOR028C	169.686	-3.091	0.350	-8.829	1.06E-18	5.75E-17
YDL210W	26.917	-3.090	0.719	-4.295	1.74E-05	0.000114108
YNL210W	67.670	-3.077	0.462	-6.666	2.63E-11	5.68E-10
YIL121W	347.121	-3.071	0.263	-11.662	1.99E-31	4.01E-29
YGR248W	77.675	-3.038	0.433	-7.007	2.43E-12	6.08E-11
YML123C	6793.013	-3.029	0.181	-16.696	1.41E-62	1.92E-59
YOR178C	131.605	-3.023	0.359	-8.415	3.93E-17	1.78E-15
YHR022C	310.891	-3.021	0.268	-11.256	2.16E-29	3.79E-27
YHL021C	721.358	-3.009	0.226	-13.290	2.64E-40	1.20E-37
YHR124W	123.959	-2.986	0.358	-8.336	7.68E-17	3.37E-15
YGR066C	28.076	-2.977	0.684	-4.350	1.36E-05	9.15E-05
YOR161C	481.090	-2.918	0.234	-12.455	1.32E-35	3.78E-33
YDR274C	11.969	-2.918	1.014	-2.877	0.004009863	0.013033854
YCR010C	10.747	-2.900	1.091	-2.658	0.007864924	0.02322511
YNL335W	31.181	-2.885	0.641	-4.501	6.76E-06	4.86E-05
YER179W	36.479	-2.883	0.601	-4.800	1.59E-06	1.33E-05
YMR319C	490.571	-2.847	0.259	-11.002	3.76E-28	6.01E-26
YPL182C	7.609	-2.836	1.409	-2.013	0.044143306	0.097622617
YGR131W	17.483	-2.814	0.838	-3.356	0.000789562	0.003236311
YJR095W	9.427	-2.808	1.131	-2.484	0.013008774	0.035388551
YGR230W	28.594	-2.781	0.666	-4.173	3.00E-05	0.000185718
YBR180W	55.157	-2.770	0.495	-5.600	2.15E-08	2.79E-07
YBR092C	460.876	-2.766	0.235	-11.749	7.18E-32	1.50E-29
YKL188C	89.824	-2.766	0.431	-6.413	1.42E-10	2.71E-09
YFR017C	38.004	-2.755	0.583	-4.729	2.26E-06	1.82E-05
YGR138C	254.874	-2.726	0.275	-9.913	3.67E-23	3.22E-21
YDR281C	12.017	-2.690	1.036	-2.597	0.009397373	0.026981475
YDL247W	63.243	-2.684	0.457	-5.877	4.19E-09	6.22E-08
YER106W	6.612	-2.672	1.333	-2.005	0.045008293	0.099171433
YNL160W	389.249	-2.672	0.245	-10.916	9.63E-28	1.45E-25
YPR200C	17.313	-2.665	0.825	-3.229	0.001243525	0.004755478
YLR356W	83.543	-2.653	0.410	-6.476	9.42E-11	1.85E-09
YMR195W	381.491	-2.649	0.250	-10.601	2.95E-26	3.73E-24
YLR178C	154.202	-2.644	0.339	-7.799	6.22E-15	2.23E-13
YBR214W	370.253	-2.598	0.284	-9.152	5.61E-20	3.47E-18
YOR050C	7.605	-2.589	1.248	-2.075	0.037946617	0.086214563
YLR303W	301.138	-2.575	0.273	-9.445	3.54E-21	2.41E-19
YOR020W-A	17.937	-2.574	0.850	-3.029	0.002452305	0.008541302
YBR026C	315.423	-2.574	0.252	-10.215	1.70E-24	1.71E-22
YMR035W	63.057	-2.565	0.459	-5.591	2.26E-08	2.91E-07
YIL111W	87.109	-2.561	0.422	-6.069	1.29E-09	2.06E-08
YGR088W	386.316	-2.556	0.257	-9.947	2.59E-23	2.31E-21

YOR339C	7.397	-2.553	1.244	-2.052	0.040129363	0.090212268
YGR161W-C	10.572	-2.550	1.022	-2.495	0.012582259	0.034365807
YMR148W	34.752	-2.536	0.662	-3.830	0.000128343	0.000661545
YNL333W	27.774	-2.533	0.649	-3.904	9.48E-05	0.000508149
YDL222C	36.454	-2.528	0.592	-4.267	1.98E-05	0.000127553
YPR201W	47.506	-2.517	0.564	-4.466	7.98E-06	5.65E-05
YBR117C	92.109	-2.512	0.410	-6.121	9.29E-10	1.54E-08
YHR160C	34.855	-2.512	0.638	-3.938	8.23E-05	0.000447616
YGL096W	104.134	-2.495	0.382	-6.528	6.66E-11	1.35E-09
YIR032C	19.834	-2.495	0.751	-3.320	0.000900626	0.003611803
YOL015W	71.022	-2.484	0.432	-5.744	9.24E-09	1.29E-07
YMR206W	10.769	-2.476	1.019	-2.430	0.015092743	0.039977756
YOR152C	119.390	-2.473	0.343	-7.217	5.30E-13	1.42E-11
YDL214C	23.836	-2.472	0.689	-3.586	0.000336232	0.001562762
YEL023C	91.417	-2.459	0.380	-6.464	1.02E-10	1.99E-09
YOR388C	29.980	-2.452	0.617	-3.973	7.09E-05	0.000396361
YHR055C	17.716	-2.444	0.824	-2.966	0.003017676	0.010243524
YBR050C	20.792	-2.439	0.726	-3.358	0.000784435	0.003224307
YGL263W	19.805	-2.434	1.012	-2.405	0.016179165	0.042401108
YEL028W	22.407	-2.429	0.726	-3.345	0.000822937	0.003354669
YGR019W	330.452	-2.424	0.252	-9.621	6.54E-22	4.68E-20
YIL024C	18.316	-2.419	0.782	-3.092	0.001987242	0.007155219
YOR374W	439.305	-2.414	0.239	-10.115	4.72E-24	4.50E-22
YMR034C	73.120	-2.413	0.450	-5.363	8.18E-08	9.07E-07
YNR056C	110.087	-2.411	0.355	-6.793	1.10E-11	2.52E-10
YNL202W	23.232	-2.400	0.692	-3.466	0.000527412	0.00228531
YIL101C	48.855	-2.393	0.496	-4.826	1.39E-06	1.19E-05
YBR046C	152.799	-2.393	0.315	-7.590	3.20E-14	1.00E-12
YHL028W	97.660	-2.378	0.436	-5.448	5.09E-08	6.05E-07
YER190W	712.449	-2.369	0.231	-10.270	9.64E-25	1.01E-22
YOR273C	766.514	-2.355	0.213	-11.048	2.25E-28	3.71E-26
YPR014C	15.351	-2.353	0.838	-2.808	0.004988675	0.015663056
YER053C	207.754	-2.350	0.303	-7.749	9.24E-15	3.18E-13
YDR223W	112.402	-2.346	0.347	-6.765	1.34E-11	3.03E-10
YIL166C	89.349	-2.333	0.396	-5.886	3.96E-09	5.90E-08
YPL018W	335.599	-2.318	0.245	-9.471	2.78E-21	1.91E-19
YFL021W	142.307	-2.309	0.325	-7.112	1.15E-12	2.97E-11
YLR267W	214.538	-2.302	0.275	-8.360	6.26E-17	2.79E-15
YDL246C	12.880	-2.292	0.906	-2.530	0.011410106	0.031738187
YPL054W	10.621	-2.281	0.988	-2.310	0.020891509	0.052791832
YHR029C	192.762	-2.264	0.284	-7.967	1.63E-15	6.33E-14
YHR104W	284.464	-2.263	0.282	-8.034	9.45E-16	3.81E-14

YNL098C	500.619	-2.239	0.220	-10.163	2.89E-24	2.86E-22
YLR177W	184.245	-2.231	0.293	-7.610	2.74E-14	8.74E-13
YIL094C	521.949	-2.223	0.231	-9.610	7.28E-22	5.14E-20
YLL055W	94.359	-2.218	0.390	-5.687	1.29E-08	1.75E-07
YER079W	79.808	-2.212	0.467	-4.742	2.12E-06	1.72E-05
YER010C	112.788	-2.209	0.350	-6.313	2.73E-10	4.97E-09
YER188W	22.800	-2.204	0.720	-3.059	0.002219078	0.00784613
YFR015C	233.653	-2.203	0.282	-7.822	5.22E-15	1.90E-13
YOR190W	64.129	-2.192	0.433	-5.068	4.02E-07	3.81E-06
YGL081W	18.412	-2.191	0.775	-2.826	0.004713862	0.014903478
YFR053C	505.712	-2.188	0.243	-9.016	1.96E-19	1.20E-17
YDR350C	318.934	-2.184	0.256	-8.539	1.35E-17	6.74E-16
YNL173C	136.943	-2.183	0.318	-6.869	6.47E-12	1.55E-10
YDL124W	676.718	-2.171	0.208	-10.425	1.91E-25	2.12E-23
YJL116C	46.819	-2.166	0.494	-4.384	1.16E-05	7.90E-05
YDL078C	359.559	-2.165	0.236	-9.160	5.17E-20	3.27E-18
YFR022W	138.795	-2.160	0.323	-6.690	2.22E-11	4.88E-10
YLR329W	33.584	-2.157	0.584	-3.691	0.000223795	0.001090499
YIR028W	30.389	-2.152	0.597	-3.603	0.000315002	0.001479258
YPR007C	16.802	-2.151	0.786	-2.738	0.006184751	0.018799707
YJL185C	59.228	-2.151	0.463	-4.646	3.38E-06	2.59E-05
YLR345W	166.698	-2.148	0.314	-6.835	8.21E-12	1.94E-10
YGR052W	27.409	-2.140	0.686	-3.118	0.001817948	0.006617137
YHR097C	106.179	-2.139	0.350	-6.111	9.92E-10	1.63E-08
YDL022W	784.280	-2.138	0.203	-10.527	6.50E-26	7.86E-24
YGL179C	81.120	-2.128	0.387	-5.493	3.96E-08	4.89E-07
YOR368W	167.545	-2.128	0.312	-6.819	9.16E-12	2.13E-10
YDR506C	54.720	-2.119	0.476	-4.451	8.55E-06	6.00E-05
YJL043W	15.030	-2.110	0.826	-2.554	0.010636387	0.030000349
YJL153C	54.127	-2.108	0.459	-4.593	4.37E-06	3.28E-05
YPR001W	60.068	-2.106	0.443	-4.750	2.03E-06	1.66E-05
YLR251W	93.050	-2.101	0.385	-5.455	4.90E-08	5.84E-07
YOL101C	79.036	-2.083	0.396	-5.263	1.41E-07	1.47E-06
YIL155C	65.522	-2.075	0.475	-4.365	1.27E-05	8.59E-05
YIR034C	157.168	-2.066	0.322	-6.407	1.49E-10	2.80E-09
YBR183W	149.592	-2.066	0.339	-6.093	1.11E-09	1.80E-08
YJR154W	34.732	-2.062	0.562	-3.669	0.000243794	0.001175313
YLR286C	1661.853	-2.062	0.223	-9.233	2.64E-20	1.71E-18
YER072W	896.380	-2.050	0.236	-8.674	4.17E-18	2.14E-16
YIL164C	47.842	-2.043	0.466	-4.390	1.14E-05	7.73E-05
YEL011W	229.789	-2.041	0.270	-7.566	3.84E-14	1.19E-12
YER088C	659.979	-2.036	0.212	-9.626	6.20E-22	4.49E-20

YHL008C	118.735	-2.035	0.332	-6.121	9.28E-10	1.54E-08
YDR074W	1280.066	-2.029	0.201	-10.077	6.96E-24	6.31E-22
YER119C	277.696	-2.019	0.261	-7.744	9.61E-15	3.29E-13
YGR130C	291.034	-2.007	0.246	-8.156	3.46E-16	1.41E-14
YLL060C	70.399	-2.000	0.417	-4.794	1.63E-06	1.36E-05
YBR093C	2373.694	-1.999	0.192	-10.432	1.78E-25	2.06E-23
YBR013C	45.156	-1.998	0.480	-4.160	3.18E-05	0.000194971
YJL012C	2088.528	-1.998	0.187	-10.701	1.01E-26	1.40E-24
YHR067W	56.579	-1.995	0.492	-4.054	5.03E-05	0.000294188
YLR400W	21.444	-1.990	0.706	-2.820	0.004807162	0.015180804
YDR481C	1035.770	-1.988	0.205	-9.677	3.79E-22	2.86E-20
YMR114C	40.792	-1.971	0.529	-3.726	0.000194533	0.000963452
YPL264C	45.243	-1.970	0.509	-3.871	0.000108348	0.000571481
YJR103W	360.453	-1.963	0.236	-8.316	9.12E-17	3.94E-15
YMR030W	70.394	-1.961	0.405	-4.841	1.29E-06	1.12E-05
YMR262W	141.773	-1.961	0.314	-6.245	4.25E-10	7.48E-09
YGR201C	61.888	-1.960	0.447	-4.389	1.14E-05	7.74E-05
YDR171W	248.094	-1.959	0.269	-7.278	3.39E-13	9.27E-12
YDR031W	16.543	-1.959	0.790	-2.479	0.013164619	0.035705335
YGR254W	5944.506	-1.956	0.189	-10.375	3.24E-25	3.52E-23
YER187W	15.935	-1.952	0.799	-2.443	0.014566021	0.03894298
YJL106W	120.551	-1.948	0.355	-5.494	3.93E-08	4.87E-07
YKL171W	121.988	-1.941	0.325	-5.969	2.39E-09	3.69E-08
YOR386W	112.974	-1.940	0.345	-5.617	1.94E-08	2.54E-07
YPL017C	507.425	-1.936	0.215	-9.005	2.16E-19	1.30E-17
YPL230W	41.856	-1.935	0.506	-3.827	0.000129814	0.000667861
YIL120W	102.299	-1.933	0.351	-5.508	3.63E-08	4.53E-07
YHR143W	575.493	-1.928	0.238	-8.089	6.01E-16	2.44E-14
YHR006W	515.339	-1.926	0.216	-8.930	4.26E-19	2.49E-17
YBR280C	112.050	-1.925	0.341	-5.642	1.68E-08	2.23E-07
YDL182W	514.063	-1.916	0.258	-7.423	1.14E-13	3.25E-12
YIL136W	100.511	-1.915	0.357	-5.365	8.09E-08	9.02E-07
YHR171W	105.856	-1.914	0.355	-5.384	7.30E-08	8.19E-07
YJR127C	335.116	-1.901	0.243	-7.828	4.94E-15	1.83E-13
YBR177C	526.743	-1.891	0.227	-8.339	7.49E-17	3.31E-15
YJL016W	345.857	-1.890	0.237	-7.968	1.61E-15	6.31E-14
YBL029C-A	44.515	-1.888	0.474	-3.981	6.87E-05	0.000384903
YGL248W	159.179	-1.882	0.298	-6.308	2.83E-10	5.11E-09
YPR081C	87.728	-1.879	0.404	-4.656	3.22E-06	2.49E-05
YKL103C	295.396	-1.874	0.278	-6.745	1.53E-11	3.46E-10
YJL157C	227.411	-1.872	0.323	-5.797	6.74E-09	9.64E-08
YOR153W	3452.711	-1.859	0.174	-10.699	1.03E-26	1.40E-24

YPL087W	319.273	-1.851	0.243	-7.610	2.75E-14	8.74E-13
YML087C	35.115	-1.850	0.542	-3.417	0.00063398	0.002693426
YOL083W	65.835	-1.850	0.426	-4.340	1.43E-05	9.50E-05
YLR097C	131.935	-1.848	0.316	-5.841	5.18E-09	7.53E-08
YDL199C	73.915	-1.845	0.424	-4.356	1.32E-05	8.90E-05
YDR124W	67.057	-1.841	0.423	-4.356	1.32E-05	8.90E-05
YML131W	328.242	-1.838	0.256	-7.170	7.48E-13	1.97E-11
YLR037C	27.039	-1.827	0.619	-2.950	0.003178245	0.010708361
YDR066C	78.783	-1.820	0.381	-4.775	1.80E-06	1.49E-05
YOR130C	105.274	-1.818	0.341	-5.334	9.62E-08	1.05E-06
YOR185C	130.612	-1.817	0.321	-5.652	1.58E-08	2.11E-07
YLR164W	80.316	-1.816	0.378	-4.799	1.59E-06	1.33E-05
YKL051W	349.485	-1.813	0.241	-7.519	5.53E-14	1.66E-12
YJR094C	45.717	-1.810	0.507	-3.570	0.000356334	0.001646343
YMR297W	1439.254	-1.808	0.186	-9.720	2.48E-22	1.98E-20
YCR021C	62.779	-1.808	0.438	-4.127	3.68E-05	0.000222957
YNL055C	1892.465	-1.808	0.179	-10.101	5.45E-24	5.02E-22
YDL008W	79.345	-1.800	0.381	-4.725	2.30E-06	1.85E-05
YBR126C	1376.761	-1.798	0.185	-9.696	3.13E-22	2.47E-20
YGR008C	86.285	-1.795	0.373	-4.818	1.45E-06	1.23E-05
YLR256W	1065.930	-1.795	0.191	-9.404	5.23E-21	3.51E-19
YBR293W	98.982	-1.792	0.362	-4.951	7.40E-07	6.70E-06
YJR059W	444.119	-1.784	0.251	-7.095	1.29E-12	3.30E-11
YOR264W	599.372	-1.781	0.216	-8.248	1.61E-16	6.78E-15
YPL123C	136.409	-1.780	0.309	-5.760	8.41E-09	1.18E-07
YOR285W	237.290	-1.765	0.282	-6.253	4.03E-10	7.12E-09
YOL151W	776.888	-1.763	0.233	-7.557	4.14E-14	1.28E-12
YBR067C	658.946	-1.762	0.222	-7.947	1.92E-15	7.34E-14
YPL156C	140.614	-1.759	0.312	-5.641	1.69E-08	2.23E-07
YJL055W	181.646	-1.747	0.284	-6.145	7.98E-10	1.35E-08
YOR175C	502.009	-1.744	0.232	-7.513	5.78E-14	1.73E-12
YOL047C	31.520	-1.744	0.571	-3.053	0.00226746	0.007991216
YML051W	202.555	-1.741	0.308	-5.659	1.53E-08	2.04E-07
YJL059W	156.115	-1.740	0.333	-5.220	1.79E-07	1.80E-06
YDR272W	170.202	-1.734	0.378	-4.584	4.57E-06	3.42E-05
YJL137C	132.274	-1.730	0.326	-5.309	1.10E-07	1.18E-06
YOR316C	293.502	-1.730	0.254	-6.809	9.82E-12	2.26E-10
YDL131W	694.737	-1.725	0.203	-8.502	1.86E-17	9.06E-16
YJL141C	371.851	-1.724	0.231	-7.455	9.00E-14	2.62E-12
YPL188W	194.643	-1.724	0.280	-6.166	7.02E-10	1.20E-08
YJL093C	172.047	-1.721	0.288	-5.975	2.30E-09	3.55E-08
YJR060W	307.188	-1.716	0.256	-6.695	2.16E-11	4.75E-10

YKR005C	24.380	-1.713	0.714	-2.401	0.016364962	0.042764376
YPR184W	90.077	-1.711	0.363	-4.710	2.48E-06	1.99E-05
YHR184W	16.652	-1.710	0.764	-2.239	0.025161582	0.06144081
YKL091C	128.293	-1.706	0.315	-5.416	6.09E-08	7.03E-07
YMR130W	149.067	-1.702	0.310	-5.495	3.91E-08	4.86E-07
YGR067C	24.206	-1.699	0.651	-2.612	0.008998582	0.026015038
YNR014W	51.901	-1.693	0.475	-3.561	0.000369451	0.00169114
YHL024W	138.170	-1.693	0.312	-5.418	6.04E-08	6.98E-07
YIL011W	71.659	-1.689	0.447	-3.776	0.000159508	0.000803152
YHL032C	212.554	-1.684	0.267	-6.305	2.88E-10	5.18E-09
YHR161C	345.886	-1.682	0.253	-6.655	2.83E-11	6.07E-10
YDR100W	100.633	-1.677	0.353	-4.749	2.05E-06	1.67E-05
YLR070C	48.175	-1.671	0.481	-3.477	0.000506238	0.00221118
YLL041C	145.921	-1.670	0.310	-5.392	6.98E-08	7.90E-07
YDL216C	97.400	-1.663	0.355	-4.688	2.77E-06	2.20E-05
YBR138C	142.318	-1.662	0.319	-5.201	1.98E-07	1.98E-06
YPL113C	85.802	-1.659	0.390	-4.259	2.06E-05	0.000131169
YDL048C	90.219	-1.658	0.369	-4.489	7.16E-06	5.13E-05
YPL191C	76.169	-1.656	0.383	-4.320	1.56E-05	0.000103142
YJL196C	643.381	-1.654	0.249	-6.634	3.27E-11	6.91E-10
YLR349W	18.469	-1.653	0.728	-2.270	0.023221691	0.057378577
YMR062C	265.493	-1.651	0.259	-6.365	1.96E-10	3.62E-09
YLR092W	101.287	-1.651	0.354	-4.667	3.06E-06	2.39E-05
YNL046W	111.608	-1.650	0.334	-4.946	7.59E-07	6.83E-06
YJL206C	180.587	-1.650	0.309	-5.344	9.11E-08	1.00E-06
YHR210C	71.013	-1.646	0.411	-4.004	6.23E-05	0.00035472
YEL064C	98.662	-1.642	0.353	-4.655	3.24E-06	2.50E-05
YGR286C	169.971	-1.634	0.301	-5.431	5.61E-08	6.61E-07
YHR180W	28.280	-1.629	0.592	-2.751	0.005938924	0.018143745
YKL142W	408.487	-1.628	0.252	-6.466	1.01E-10	1.97E-09
YGL053W	33.665	-1.623	0.734	-2.211	0.027037369	0.065346318
YMR279C	77.000	-1.619	0.401	-4.039	5.37E-05	0.000312904
YLR284C	48.389	-1.618	0.462	-3.503	0.000459226	0.002031954
YKR015C	79.609	-1.618	0.377	-4.293	1.76E-05	0.000115061
YNL194C	24.048	-1.607	0.635	-2.533	0.011323579	0.031571818
YHR018C	492.928	-1.604	0.230	-6.982	2.92E-12	7.28E-11
YOR289W	28.677	-1.599	0.589	-2.714	0.006641947	0.020064125
YLR312C	20.270	-1.596	0.689	-2.317	0.020492064	0.051830624
YFR007W	105.051	-1.594	0.368	-4.333	1.47E-05	9.75E-05
YIL124W	476.488	-1.590	0.222	-7.174	7.27E-13	1.94E-11
YOL152W	160.889	-1.566	0.356	-4.401	1.08E-05	7.38E-05
YLR266C	376.036	-1.565	0.238	-6.582	4.63E-11	9.57E-10

YIL014W	235.321	-1.561	0.306	-5.096	3.47E-07	3.33E-06
YIL050W	149.592	-1.558	0.298	-5.229	1.71E-07	1.74E-06
YMR111C	92.758	-1.558	0.386	-4.038	5.39E-05	0.000313336
YHR016C	215.439	-1.558	0.263	-5.918	3.27E-09	4.96E-08
YNL015W	24.576	-1.556	0.653	-2.384	0.01713342	0.044430872
YPR160W	177.577	-1.555	0.287	-5.424	5.83E-08	6.79E-07
YPR036W-A	653.015	-1.549	0.208	-7.444	9.80E-14	2.82E-12
YCR023C	317.860	-1.549	0.255	-6.073	1.26E-09	2.02E-08
YPL203W	225.497	-1.542	0.275	-5.613	1.99E-08	2.59E-07
YBR056W	352.408	-1.541	0.230	-6.709	1.97E-11	4.38E-10
YPR128C	259.494	-1.540	0.267	-5.770	7.93E-09	1.12E-07
YHR112C	205.858	-1.536	0.266	-5.782	7.40E-09	1.05E-07
YBR250W	29.988	-1.519	0.569	-2.668	0.007633554	0.022696153
YDR441C	90.954	-1.509	0.354	-4.268	1.97E-05	0.000127286
YHL014C	161.011	-1.509	0.289	-5.220	1.79E-07	1.80E-06
YOR321W	217.115	-1.506	0.266	-5.658	1.53E-08	2.05E-07
YPL250C	132.748	-1.504	0.312	-4.818	1.45E-06	1.23E-05
YGR258C	107.016	-1.497	0.378	-3.956	7.62E-05	0.000420497
YDL059C	38.573	-1.496	0.513	-2.918	0.003521718	0.011634934
YLR142W	68.244	-1.496	0.401	-3.725	0.00019501	0.000964059
YKL100C	554.864	-1.489	0.216	-6.889	5.63E-12	1.37E-10
YJL132W	156.679	-1.486	0.295	-5.031	4.88E-07	4.52E-06
YHR087W	64.756	-1.485	0.411	-3.611	0.000305212	0.00143825
YBR018C	49.787	-1.484	0.483	-3.072	0.002125536	0.007569525
YKL006C-A	65.209	-1.482	0.416	-3.563	0.000367252	0.00168249
YNR050C	283.192	-1.480	0.249	-5.944	2.78E-09	4.26E-08
YPR078C	56.879	-1.476	0.428	-3.452	0.000556872	0.002401481
YPL004C	1693.273	-1.469	0.186	-7.892	2.97E-15	1.12E-13
YDR122W	253.552	-1.468	0.251	-5.849	4.94E-09	7.22E-08
YGR268C	92.003	-1.467	0.351	-4.177	2.95E-05	0.000183076
YGR112W	116.484	-1.467	0.353	-4.159	3.19E-05	0.000195396
YNL115C	183.973	-1.466	0.279	-5.256	1.47E-07	1.52E-06
YEL052W	338.243	-1.464	0.238	-6.141	8.21E-10	1.38E-08
YGR015C	120.735	-1.458	0.317	-4.594	4.35E-06	3.27E-05
YMR056C	53.525	-1.452	0.440	-3.300	0.000965272	0.00382034
YFL029C	132.792	-1.451	0.310	-4.674	2.95E-06	2.31E-05
YBR139W	384.601	-1.446	0.235	-6.144	8.06E-10	1.36E-08
YOR305W	147.947	-1.442	0.295	-4.894	9.90E-07	8.77E-06
YBR149W	761.716	-1.440	0.202	-7.131	1.00E-12	2.60E-11
YLR297W	24.439	-1.440	0.627	-2.298	0.02157142	0.054155872
YKR009C	162.641	-1.438	0.299	-4.814	1.48E-06	1.25E-05
YLR299W	190.283	-1.432	0.271	-5.277	1.32E-07	1.38E-06

YBR085C-A	137.610	-1.432	0.296	-4.836	1.33E-06	1.14E-05
YLR219W	259.778	-1.426	0.264	-5.411	6.25E-08	7.17E-07
YMR244C-A	27.055	-1.417	0.592	-2.394	0.016668178	0.043431506
YGL037C	690.188	-1.417	0.220	-6.430	1.27E-10	2.44E-09
YGL087C	84.584	-1.411	0.375	-3.764	0.000166967	0.000837607
YER152C	309.891	-1.410	0.239	-5.894	3.76E-09	5.66E-08
YIL051C	1125.329	-1.409	0.191	-7.396	1.40E-13	3.98E-12
YKR003W	180.565	-1.408	0.278	-5.056	4.27E-07	4.01E-06
YBL074C	59.753	-1.408	0.425	-3.312	0.000925312	0.003694453
YIL117C	551.098	-1.408	0.264	-5.325	1.01E-07	1.10E-06
YPR162C	278.639	-1.399	0.244	-5.744	9.26E-09	1.29E-07
YMR189W	819.751	-1.396	0.229	-6.093	1.11E-09	1.80E-08
YJL151C	271.715	-1.392	0.262	-5.308	1.11E-07	1.19E-06
YOR317W	1338.851	-1.385	0.202	-6.869	6.46E-12	1.55E-10
YIL154C	198.972	-1.382	0.270	-5.109	3.25E-07	3.14E-06
YER130C	401.052	-1.381	0.226	-6.101	1.05E-09	1.72E-08
YDL091C	160.757	-1.380	0.294	-4.695	2.67E-06	2.13E-05
YGR161C	318.567	-1.378	0.266	-5.191	2.09E-07	2.09E-06
YPR002W	71.670	-1.378	0.386	-3.566	0.000362125	0.001667572
YJL117W	629.965	-1.373	0.204	-6.742	1.56E-11	3.50E-10
YBL001C	102.154	-1.372	0.341	-4.026	5.68E-05	0.00032732
YLR290C	83.092	-1.370	0.373	-3.673	0.000239931	0.001160804
YIL087C	64.025	-1.368	0.409	-3.342	0.000831016	0.003377476
YDL027C	151.388	-1.367	0.302	-4.527	5.99E-06	4.37E-05
YEL018W	75.125	-1.367	0.384	-3.563	0.000366703	0.001681394
YCL052C	267.729	-1.365	0.253	-5.402	6.58E-08	7.52E-07
YBR076W	40.374	-1.363	0.511	-2.666	0.007679449	0.022807671
YGL045W	159.373	-1.360	0.339	-4.017	5.89E-05	0.000337858
YNL212W	247.730	-1.358	0.269	-5.042	4.60E-07	4.28E-06
YNR058W	83.029	-1.358	0.386	-3.514	0.000441821	0.001972598
YPL248C	173.281	-1.354	0.280	-4.833	1.34E-06	1.15E-05
YLR446W	301.452	-1.353	0.244	-5.538	3.06E-08	3.88E-07
YLR225C	360.742	-1.351	0.254	-5.320	1.04E-07	1.13E-06
YBL071W-A	99.671	-1.350	0.351	-3.847	0.0001195	0.000624846
YDR043C	402.246	-1.348	0.270	-4.989	6.08E-07	5.57E-06
YNL200C	83.017	-1.348	0.382	-3.525	0.000423104	0.00189682
YIR018W	112.930	-1.345	0.330	-4.074	4.62E-05	0.000272494
YBR053C	225.710	-1.345	0.288	-4.663	3.11E-06	2.42E-05
YKL035W	1738.697	-1.336	0.196	-6.821	9.05E-12	2.11E-10
YPL152W	167.344	-1.334	0.331	-4.029	5.59E-05	0.000323934
YDR262W	181.613	-1.332	0.286	-4.657	3.21E-06	2.48E-05
YDR479C	263.735	-1.330	0.249	-5.336	9.51E-08	1.04E-06

YOR220W	224.665	-1.330	0.264	-5.045	4.53E-07	4.22E-06
YDL223C	65.032	-1.327	0.403	-3.293	0.00099295	0.003902157
YGL159W	181.337	-1.323	0.278	-4.762	1.92E-06	1.58E-05
YJR107W	121.899	-1.321	0.320	-4.124	3.73E-05	0.000225574
YJR099W	122.594	-1.321	0.322	-4.102	4.10E-05	0.000245565
YAL037W	31.648	-1.321	0.590	-2.238	0.025201219	0.061509976
YBR157C	45.162	-1.320	0.542	-2.437	0.014799222	0.039430753
YDR125C	75.687	-1.319	0.410	-3.219	0.001284636	0.00488521
YOR212W	72.029	-1.316	0.385	-3.415	0.000637503	0.002702046
YOR005C	156.250	-1.315	0.296	-4.448	8.68E-06	6.07E-05
YAL008W	71.545	-1.311	0.417	-3.143	0.001672405	0.006128396
YGR087C	23.490	-1.311	0.642	-2.043	0.041058412	0.091794297
YIL097W	153.439	-1.311	0.299	-4.390	1.13E-05	7.72E-05
YNL117W	45.018	-1.310	0.469	-2.795	0.005192217	0.016217848
YLR036C	79.622	-1.308	0.398	-3.286	0.001014443	0.003968734
YPR156C	562.328	-1.308	0.222	-5.899	3.66E-09	5.51E-08
YER028C	72.016	-1.308	0.387	-3.379	0.000728729	0.003027369
YKR076W	74.167	-1.307	0.415	-3.147	0.001650324	0.006067927
YPL119C	42.136	-1.306	0.481	-2.713	0.006661241	0.020102015
YML079W	158.112	-1.302	0.286	-4.548	5.41E-06	4.00E-05
YFR025C	206.869	-1.301	0.267	-4.880	1.06E-06	9.33E-06
YGR237C	237.135	-1.300	0.287	-4.528	5.96E-06	4.36E-05
YKR004C	159.069	-1.290	0.286	-4.517	6.28E-06	4.56E-05
YKL218C	84.550	-1.288	0.375	-3.435	0.000593471	0.002545186
YDL238C	45.210	-1.286	0.490	-2.623	0.008723582	0.025368364
YGL090W	68.958	-1.284	0.394	-3.260	0.001112443	0.004314883
YNL014W	59.120	-1.280	0.422	-3.035	0.002403132	0.008409416
YDL046W	373.585	-1.278	0.252	-5.065	4.09E-07	3.86E-06
YPL015C	279.701	-1.274	0.241	-5.288	1.24E-07	1.31E-06
YLR254C	85.679	-1.273	0.369	-3.453	0.000553521	0.002388925
YJL133C-A	40.501	-1.272	0.492	-2.585	0.009747714	0.027898983
YLR102C	85.184	-1.269	0.360	-3.525	0.00042278	0.00189682
YNR002C	60.814	-1.269	0.431	-2.945	0.003230314	0.010856889
YBR230C	105.243	-1.265	0.331	-3.822	0.000132606	0.000681579
YOL126C	96.497	-1.265	0.352	-3.594	0.000325634	0.001519998
YMR090W	104.763	-1.262	0.344	-3.670	0.000242815	0.001171633
YML121W	254.168	-1.262	0.251	-5.028	4.95E-07	4.57E-06
YAL022C	376.710	-1.261	0.227	-5.553	2.81E-08	3.58E-07
YMR106C	96.513	-1.260	0.345	-3.648	0.000264438	0.001265604
YGR154C	83.623	-1.259	0.403	-3.123	0.001792211	0.006545363
YJL060W	239.168	-1.256	0.269	-4.664	3.10E-06	2.41E-05
YHR110W	173.486	-1.254	0.286	-4.391	1.13E-05	7.71E-05

YBR241C	125.551	-1.252	0.313	-4.002	6.27E-05	0.0003564
YDR033W	2681.396	-1.251	0.206	-6.082	1.19E-09	1.91E-08
YML064C	249.727	-1.250	0.251	-4.972	6.61E-07	6.03E-06
YDR202C	148.401	-1.249	0.305	-4.088	4.36E-05	0.000258784
YEL068C	28.999	-1.248	0.592	-2.107	0.035079929	0.08110742
YBR132C	99.818	-1.248	0.356	-3.506	0.000454888	0.002020924
YDR541C	116.003	-1.247	0.323	-3.861	0.000112722	0.000592826
YAL044C	409.581	-1.245	0.220	-5.667	1.45E-08	1.95E-07
YPR134W	109.204	-1.234	0.333	-3.707	0.000209933	0.001033136
YOR346W	124.234	-1.234	0.349	-3.537	0.000405161	0.001826918
YNL159C	161.666	-1.233	0.289	-4.267	1.98E-05	0.000127553
YDL240W	60.285	-1.231	0.416	-2.960	0.003080746	0.010425075
YJR083C	132.316	-1.231	0.307	-4.006	6.17E-05	0.000352579
YBL005W	322.566	-1.231	0.233	-5.292	1.21E-07	1.28E-06
YGR121C	164.896	-1.226	0.297	-4.123	3.73E-05	0.000225619
YPR005C	64.694	-1.225	0.413	-2.968	0.002994035	0.010188712
YOR132W	363.965	-1.225	0.306	-4.001	6.29E-05	0.000357325
YHR159W	98.547	-1.223	0.338	-3.619	0.000295747	0.001399715
YCL038C	170.183	-1.222	0.281	-4.347	1.38E-05	9.24E-05
YHL019C	169.722	-1.220	0.297	-4.112	3.92E-05	0.000235842
YGR136W	436.143	-1.214	0.234	-5.179	2.23E-07	2.22E-06
YHR105W	41.413	-1.207	0.488	-2.472	0.013426412	0.036252645
YEL020C	145.412	-1.207	0.328	-3.674	0.000238801	0.001156367
YCR097W	38.253	-1.205	0.527	-2.284	0.02235909	0.055717884
YLR080W	36.632	-1.204	0.512	-2.353	0.018601042	0.047713428
YFL004W	961.053	-1.202	0.203	-5.919	3.23E-09	4.93E-08
YDR516C	333.789	-1.200	0.243	-4.942	7.73E-07	6.94E-06
YIL088C	414.509	-1.197	0.231	-5.176	2.27E-07	2.25E-06
YBR115C	344.726	-1.195	0.228	-5.245	1.56E-07	1.61E-06
YDR406W	168.168	-1.195	0.361	-3.311	0.00092967	0.003709131
YOR040W	63.279	-1.187	0.416	-2.854	0.004323291	0.013894832
YGR046W	168.494	-1.186	0.281	-4.221	2.43E-05	0.000153723
YNR071C	35.853	-1.183	0.547	-2.163	0.030511409	0.072076909
YAR035W	32.973	-1.183	0.541	-2.185	0.028868606	0.068788926
YBR229C	289.294	-1.183	0.245	-4.828	1.38E-06	1.18E-05
YCR073C	201.738	-1.182	0.266	-4.444	8.85E-06	6.16E-05
YDR383C	68.251	-1.182	0.421	-2.807	0.005005719	0.015707503
YOR347C	172.095	-1.180	0.282	-4.181	2.90E-05	0.000180408
YGL212W	40.807	-1.178	0.506	-2.327	0.019946846	0.050663684
YMR299C	126.656	-1.177	0.326	-3.617	0.000298286	0.001410335
YJL062W-A	41.418	-1.168	0.519	-2.250	0.024448366	0.060049781
YOL065C	112.708	-1.164	0.324	-3.590	0.000330536	0.001540234

YGR023W	81.570	-1.164	0.395	-2.945	0.003230131	0.010856889
YDR185C	65.516	-1.163	0.403	-2.886	0.003907344	0.012731058
YEL030W	81.971	-1.163	0.416	-2.794	0.005204924	0.016248206
YDR306C	260.407	-1.162	0.264	-4.400	1.08E-05	7.43E-05
YHR007C-A	29.205	-1.161	0.560	-2.073	0.038193774	0.086612537
YOL087C	201.939	-1.161	0.263	-4.409	1.04E-05	7.14E-05
YIL013C	166.434	-1.160	0.306	-3.797	0.000146689	0.000747604
YGR108W	652.237	-1.159	0.215	-5.401	6.62E-08	7.55E-07
YKL065C	438.716	-1.158	0.222	-5.212	1.87E-07	1.87E-06
YJL155C	176.537	-1.155	0.275	-4.204	2.63E-05	0.000165331
YCR014C	59.015	-1.153	0.414	-2.785	0.005349853	0.016624285
YJR010W	158.244	-1.152	0.314	-3.665	0.000247319	0.001190194
YDR059C	42.469	-1.151	0.481	-2.395	0.016639201	0.043397589
YNL277W	190.627	-1.148	0.286	-4.007	6.14E-05	0.000351305
YOR352W	125.413	-1.144	0.310	-3.687	0.000226571	0.001102053
YER035W	114.102	-1.144	0.338	-3.381	0.000721527	0.00300664
YDL113C	163.557	-1.144	0.285	-4.017	5.90E-05	0.000338039
YHR195W	193.922	-1.143	0.284	-4.026	5.68E-05	0.00032732
YKL189W	161.105	-1.143	0.300	-3.815	0.000136169	0.000698574
YCL001W-A	29.160	-1.141	0.556	-2.051	0.040242893	0.090394687
YDL197C	229.285	-1.138	0.300	-3.801	0.000144264	0.000736628
YIL082W	141.432	-1.138	0.296	-3.843	0.000121461	0.00063267
YGL237C	99.634	-1.138	0.340	-3.344	0.000826399	0.00336128
YPR098C	116.526	-1.137	0.325	-3.499	0.000466741	0.002060176
YDR252W	43.139	-1.136	0.518	-2.196	0.028107713	0.06748333
YDL109C	102.353	-1.132	0.350	-3.230	0.001238955	0.004741334
YGL205W	34.667	-1.132	0.532	-2.126	0.03351611	0.07812285
YFR014C	101.364	-1.131	0.341	-3.318	0.000905874	0.003624829
YNL304W	107.286	-1.130	0.336	-3.365	0.000765551	0.003153838
YPR011C	152.006	-1.127	0.293	-3.848	0.000118899	0.000622306
YDL130W-A	42.142	-1.126	0.468	-2.404	0.016204714	0.04243684
YKR052C	289.502	-1.121	0.241	-4.643	3.43E-06	2.62E-05
YML068W	155.355	-1.121	0.314	-3.564	0.000365555	0.001679379
YJR116W	116.154	-1.120	0.326	-3.434	0.000594801	0.002548879
YBR168W	156.318	-1.120	0.308	-3.631	0.000282092	0.001340158
YDL237W	446.649	-1.120	0.227	-4.931	8.17E-07	7.32E-06
YER115C	163.476	-1.118	0.298	-3.755	0.000173195	0.000864975
YMR278W	245.186	-1.116	0.283	-3.949	7.83E-05	0.000431133
YDL089W	167.278	-1.111	0.314	-3.542	0.000396669	0.001800572
YJL147C	132.835	-1.111	0.303	-3.672	0.000240933	0.001163581
YPL272C	56.572	-1.111	0.425	-2.612	0.009010716	0.026036276
YMR110C	410.975	-1.110	0.239	-4.648	3.35E-06	2.57E-05

YGR120C	180.297	-1.108	0.273	-4.057	4.96E-05	0.000291196
YER037W	277.026	-1.108	0.243	-4.568	4.93E-06	3.67E-05
YOR280C	117.858	-1.107	0.317	-3.493	0.000477816	0.002098044
YPL165C	160.858	-1.107	0.305	-3.629	0.000283975	0.001347519
YJR062C	190.100	-1.104	0.276	-3.995	6.48E-05	0.000364858
YBR165W	175.253	-1.101	0.323	-3.407	0.000657014	0.0027675
YDL245C	41.743	-1.095	0.502	-2.180	0.029270821	0.069599791
YPL112C	295.721	-1.095	0.246	-4.444	8.85E-06	6.16E-05
YCR083W	44.460	-1.094	0.480	-2.278	0.022744414	0.05647677
YNL092W	57.019	-1.093	0.419	-2.610	0.009064515	0.026160962
YDR055W	1963.409	-1.093	0.215	-5.094	3.50E-07	3.35E-06
YLR091W	80.154	-1.092	0.378	-2.893	0.003810616	0.012460691
YNL217W	309.623	-1.091	0.243	-4.480	7.45E-06	5.33E-05
YDR229W	195.095	-1.088	0.271	-4.019	5.84E-05	0.000335435
YFL027C	143.298	-1.087	0.293	-3.706	0.000210854	0.001036732
YML020W	151.550	-1.087	0.308	-3.531	0.000413954	0.001861937
YDR358W	199.705	-1.082	0.275	-3.938	8.22E-05	0.000447616
YIL092W	125.973	-1.081	0.320	-3.376	0.000734215	0.003045508
YPR122W	236.421	-1.081	0.257	-4.206	2.59E-05	0.00016346
YOR016C	193.747	-1.081	0.266	-4.064	4.82E-05	0.000283496
YJR052W	185.628	-1.080	0.273	-3.960	7.48E-05	0.000415152
YLR049C	364.911	-1.079	0.238	-4.540	5.63E-06	4.14E-05
YNL074C	204.749	-1.078	0.282	-3.817	0.000134991	0.000693185
YOR238W	70.004	-1.077	0.458	-2.352	0.018679856	0.047893003
YGL095C	279.986	-1.076	0.256	-4.199	2.68E-05	0.000168054
YCL039W	232.165	-1.075	0.273	-3.936	8.28E-05	0.000449989
YKL128C	369.242	-1.069	0.230	-4.648	3.34E-06	2.57E-05
YGL142C	280.564	-1.067	0.249	-4.278	1.88E-05	0.000123054
YBR163W	193.320	-1.066	0.275	-3.884	0.000102601	0.000543805
YOR137C	138.771	-1.065	0.297	-3.590	0.000330345	0.001540234
YKL121W	155.436	-1.065	0.289	-3.691	0.000223442	0.001089757
YGL141W	283.760	-1.064	0.242	-4.401	1.08E-05	7.38E-05
YIL040W	128.434	-1.064	0.331	-3.212	0.001316016	0.004980163
YPR149W	991.929	-1.060	0.215	-4.929	8.26E-07	7.38E-06
YER014W	197.063	-1.060	0.308	-3.448	0.000564591	0.002428994
YML116W	440.729	-1.060	0.230	-4.599	4.24E-06	3.20E-05
YER124C	1162.091	-1.058	0.197	-5.364	8.13E-08	9.04E-07
YMR196W	308.153	-1.058	0.238	-4.447	8.70E-06	6.07E-05
YLL058W	157.054	-1.057	0.286	-3.693	0.000221678	0.001083097
YOR227W	254.190	-1.055	0.247	-4.271	1.95E-05	0.000126433
YJL053W	287.179	-1.055	0.252	-4.194	2.74E-05	0.000171422
YFR047C	228.947	-1.054	0.256	-4.124	3.72E-05	0.000225333

YIL045W	139.052	-1.052	0.299	-3.519	0.0004325	0.001935748
YGR197C	124.084	-1.046	0.310	-3.376	0.000736067	0.00304854
YML120C	187.796	-1.046	0.310	-3.374	0.000741116	0.003064781
YKR049C	42.246	-1.045	0.487	-2.147	0.031753846	0.074590675
YPL005W	109.086	-1.045	0.345	-3.033	0.002421127	0.008450634
YFL010C	374.923	-1.045	0.230	-4.536	5.74E-06	4.21E-05
YIR031C	262.462	-1.041	0.244	-4.270	1.95E-05	0.000126433
YBL102W	207.419	-1.040	0.260	-4.000	6.34E-05	0.0003585
YGR028W	191.790	-1.039	0.270	-3.841	0.000122725	0.000637422
YMR178W	285.826	-1.039	0.243	-4.270	1.96E-05	0.000126653
YBR203W	46.392	-1.033	0.465	-2.223	0.026238819	0.06361422
YMR311C	135.799	-1.033	0.313	-3.296	0.000982086	0.003872795
YNL311C	301.226	-1.032	0.245	-4.207	2.59E-05	0.000163406
YJR148W	1439.655	-1.031	0.186	-5.544	2.95E-08	3.75E-07
YJL057C	236.558	-1.031	0.258	-3.997	6.40E-05	0.000361139
YCR075C	127.197	-1.029	0.328	-3.140	0.001689394	0.006182318
YDR285W	78.389	-1.029	0.368	-2.797	0.005163653	0.016137901
YGL051W	125.187	-1.028	0.310	-3.321	0.000897063	0.00360017
YBR228W	101.583	-1.028	0.336	-3.058	0.002226987	0.007868978
YGL229C	53.544	-1.026	0.450	-2.282	0.022513688	0.056031777
YHL009C	132.114	-1.023	0.305	-3.349	0.000810601	0.003311833
YGR250C	245.633	-1.022	0.250	-4.084	4.44E-05	0.000262729
YDR019C	572.096	-1.020	0.226	-4.516	6.31E-06	4.57E-05
YER026C	566.840	-1.020	0.208	-4.891	1.00E-06	8.85E-06
YOR097C	65.866	-1.018	0.408	-2.498	0.012494663	0.034143706
YJR096W	200.642	-1.017	0.282	-3.600	0.000317636	0.00149034
YDL021W	71.306	-1.017	0.382	-2.663	0.007733962	0.022931999
YKL058W	66.530	-1.016	0.398	-2.550	0.010775982	0.030290453
YHR194W	169.192	-1.013	0.295	-3.432	0.000600099	0.002567534
YKR061W	321.610	-1.013	0.235	-4.315	1.59E-05	0.000105009
YPL154C	1579.310	-1.012	0.179	-5.645	1.65E-08	2.19E-07
YDL234C	251.762	-1.012	0.259	-3.901	9.57E-05	0.000511827
YJL045W	38.911	-1.011	0.492	-2.057	0.039712575	0.08942318
YMR104C	187.221	-1.008	0.268	-3.755	0.000173351	0.000864975
YNL077W	44.180	-1.006	0.475	-2.117	0.034270727	0.079473013
YGR006W	67.903	-1.006	0.413	-2.434	0.01493491	0.039714444
YPL258C	109.904	-1.005	0.353	-2.848	0.004398187	0.014060752
YER162C	115.821	-1.003	0.319	-3.144	0.001666584	0.006115305
YGR016W	54.085	-1.001	0.428	-2.337	0.019423079	0.049495175
YGL249W	73.457	-1.001	0.392	-2.551	0.010745486	0.030245316
YPL014W	176.682	-0.998	0.282	-3.538	0.000403537	0.001822621
YIL049W	194.961	-0.996	0.275	-3.616	0.000298738	0.001410335

YBR294W	203.323	-0.996	0.288	-3.456	0.000547869	0.002370178
YJR130C	194.271	-0.995	0.266	-3.735	0.000187579	0.000933263
YJL036W	167.350	-0.995	0.350	-2.842	0.004480095	0.014266321
YLR392C	147.383	-0.995	0.291	-3.415	0.000638479	0.002702046
YDR425W	152.340	-0.994	0.341	-2.913	0.003575313	0.011790511
YOR111W	76.470	-0.992	0.369	-2.687	0.007211113	0.021546171
YDL015C	931.920	-0.988	0.210	-4.696	2.65E-06	2.12E-05
YGR149W	427.144	-0.985	0.248	-3.972	7.11E-05	0.000396735
YDR146C	200.553	-0.984	0.270	-3.644	0.000267983	0.001278325
YAL044W-A	51.787	-0.983	0.488	-2.013	0.044143806	0.097622617
YNL331C	118.008	-0.978	0.326	-3.001	0.002690797	0.009278729
YER027C	419.555	-0.977	0.238	-4.110	3.96E-05	0.000237415
YMR118C	56.249	-0.977	0.458	-2.136	0.032688825	0.076456701
YDR041W	148.983	-0.977	0.326	-3.001	0.002688329	0.009276099
YGR179C	135.467	-0.976	0.322	-3.029	0.002453386	0.008541302
YHR048W	152.486	-0.975	0.296	-3.293	0.000990179	0.003899054
YGR077C	364.841	-0.975	0.248	-3.938	8.23E-05	0.000447616
YNL020C	288.591	-0.972	0.241	-4.041	5.32E-05	0.00031056
YBR103W	198.751	-0.972	0.271	-3.588	0.000332596	0.001548506
YDR428C	156.588	-0.970	0.300	-3.232	0.001228261	0.004707034
YDR387C	320.904	-0.969	0.241	-4.027	5.66E-05	0.000326556
YLR432W	2304.206	-0.967	0.183	-5.288	1.24E-07	1.31E-06
YNR007C	72.775	-0.966	0.377	-2.564	0.010332519	0.029295223
YPR045C	314.038	-0.966	0.282	-3.423	0.000618586	0.00263833
YOL013C	241.264	-0.966	0.270	-3.580	0.000343656	0.001590468
YHR176W	82.890	-0.966	0.362	-2.670	0.007575224	0.022535048
YGR194C	229.210	-0.965	0.261	-3.693	0.000221534	0.001083097
YFR043C	79.486	-0.965	0.363	-2.656	0.00789946	0.023295696
YHR142W	575.003	-0.964	0.218	-4.433	9.30E-06	6.45E-05
YNL214W	71.846	-0.964	0.380	-2.534	0.011284818	0.031486321
YDL192W	1401.673	-0.963	0.194	-4.971	6.67E-07	6.08E-06
YKL043W	101.183	-0.963	0.359	-2.680	0.007371588	0.021977355
YNR067C	1066.457	-0.961	0.207	-4.645	3.40E-06	2.60E-05
YLR127C	233.263	-0.959	0.253	-3.784	0.000154468	0.000780422
YCR005C	7068.065	-0.958	0.186	-5.158	2.50E-07	2.46E-06
YNL130C	522.155	-0.958	0.222	-4.318	1.57E-05	0.000103938
YHR134W	114.540	-0.955	0.335	-2.854	0.004317138	0.013883264
YPL002C	107.168	-0.955	0.328	-2.912	0.003594502	0.011846606
YGR035C	63.085	-0.953	0.431	-2.213	0.026919243	0.065089748
YNL101W	300.465	-0.952	0.253	-3.760	0.000170198	0.000853031
YPL222W	101.970	-0.952	0.394	-2.416	0.015692493	0.041344853
YPR091C	324.295	-0.951	0.251	-3.790	0.000150708	0.000764506

YHR132W-A	57.230	-0.951	0.425	-2.240	0.025108149	0.061337876
YKR051W	179.039	-0.951	0.303	-3.137	0.001709431	0.006251437
YCR036W	332.565	-0.949	0.247	-3.841	0.00012272	0.000637422
YML070W	684.210	-0.949	0.200	-4.741	2.13E-06	1.73E-05
YHR175W	115.229	-0.948	0.342	-2.768	0.005647908	0.017391464
YDR268W	182.158	-0.946	0.288	-3.283	0.00102553	0.004009227
YBL075C	165.844	-0.946	0.284	-3.325	0.000885205	0.003571354
YMR115W	220.840	-0.946	0.298	-3.169	0.001527766	0.005690406
YPR021C	179.898	-0.946	0.273	-3.467	0.000527165	0.00228531
YFR003C	60.527	-0.945	0.424	-2.227	0.025937526	0.062976076
YOR142W	547.127	-0.943	0.225	-4.191	2.78E-05	0.000173365
YOR292C	195.852	-0.942	0.264	-3.563	0.000365943	0.001679379
YLR457C	67.085	-0.942	0.399	-2.360	0.018261458	0.0469531
YIL066C	51.000	-0.942	0.445	-2.117	0.034241126	0.079438243
YMR135C	337.793	-0.940	0.240	-3.912	9.16E-05	0.000492216
YPR167C	83.738	-0.940	0.361	-2.605	0.009177743	0.026434623
YOR042W	364.751	-0.939	0.228	-4.114	3.89E-05	0.00023438
YDR279W	175.017	-0.939	0.275	-3.420	0.000626244	0.002664722
YLL057C	82.644	-0.936	0.358	-2.612	0.008994404	0.026015038
YKR054C	155.250	-0.936	0.288	-3.243	0.001181839	0.004545147
YER078C	267.687	-0.933	0.259	-3.607	0.000309387	0.001456663
YKR014C	259.122	-0.933	0.246	-3.793	0.000148696	0.00075571
YKL129C	303.733	-0.931	0.237	-3.928	8.56E-05	0.00046395
YBR269C	54.673	-0.930	0.428	-2.174	0.029682953	0.070456526
YFR029W	141.415	-0.927	0.303	-3.061	0.002208221	0.007817909
YOL042W	159.543	-0.927	0.293	-3.160	0.001576576	0.005840205
YHL003C	643.997	-0.924	0.205	-4.514	6.36E-06	4.60E-05
YJR008W	116.352	-0.922	0.329	-2.803	0.005056855	0.01583142
YER088C-A	83.580	-0.921	0.367	-2.512	0.012006616	0.03299241
YNL275W	112.191	-0.921	0.330	-2.788	0.00530552	0.016514836
YGL082W	227.990	-0.919	0.261	-3.529	0.000417556	0.001876585
YMR053C	85.280	-0.919	0.355	-2.589	0.009635503	0.027606882
YGR163W	232.036	-0.918	0.260	-3.538	0.000403889	0.001822698
YDR085C	184.130	-0.917	0.269	-3.405	0.000662545	0.002786482
YLR030W	114.981	-0.917	0.322	-2.849	0.004387402	0.014051055
YPR049C	156.897	-0.916	0.290	-3.165	0.001551389	0.00575867
YMR302C	243.701	-0.916	0.250	-3.666	0.000246577	0.001187677
YFR008W	64.442	-0.915	0.401	-2.280	0.022579422	0.056143987
YBR077C	194.242	-0.912	0.281	-3.242	0.00118725	0.004562733
YDR308C	83.056	-0.912	0.363	-2.514	0.01193966	0.03282501
YOL053W	101.084	-0.910	0.375	-2.431	0.015073275	0.039958676
YLR121C	238.392	-0.908	0.267	-3.400	0.000674961	0.002832127

YDR005C	196.237	-0.907	0.317	-2.865	0.004164108	0.013470802
YPL140C	197.998	-0.904	0.309	-2.927	0.003427899	0.011387243
YPR138C	98.055	-0.902	0.340	-2.651	0.008029253	0.023639997
YBR035C	343.636	-0.900	0.227	-3.961	7.46E-05	0.000414611
YBL091C-A	58.243	-0.900	0.424	-2.120	0.03398064	0.078934951
YGR086C	2464.149	-0.899	0.197	-4.574	4.80E-06	3.58E-05
YJL105W	106.430	-0.898	0.376	-2.384	0.017106843	0.044383117
YDR513W	368.321	-0.897	0.234	-3.831	0.000127401	0.00065856
YHR083W	283.923	-0.896	0.252	-3.557	0.000374628	0.001713395
YNL008C	389.527	-0.896	0.224	-4.005	6.20E-05	0.000353596
YDR263C	59.120	-0.896	0.435	-2.061	0.039350453	0.088754775
YKR069W	204.818	-0.896	0.261	-3.425	0.000613847	0.002624293
YIL001W	243.488	-0.895	0.248	-3.607	0.000310312	0.001459753
YCR004C	530.431	-0.893	0.209	-4.272	1.94E-05	0.000126067
YPL110C	258.031	-0.893	0.251	-3.552	0.000382094	0.00174168
YLR455W	162.079	-0.893	0.294	-3.038	0.002382533	0.008342701
YMR181C	65.770	-0.893	0.420	-2.125	0.033578048	0.078200083
YPL049C	398.888	-0.892	0.233	-3.829	0.000128847	0.000663511
YGL224C	235.520	-0.891	0.255	-3.500	0.000465647	0.002057015
YKR058W	159.237	-0.890	0.302	-2.944	0.003239469	0.010867509
YDR076W	130.668	-0.889	0.310	-2.870	0.004103109	0.013305131
YMR150C	116.192	-0.887	0.325	-2.728	0.006372366	0.019337569
YMR026C	165.661	-0.886	0.290	-3.053	0.002262427	0.007978651
YDL179W	409.712	-0.886	0.234	-3.789	0.000151457	0.00076759
YDR475C	255.809	-0.886	0.277	-3.199	0.001379463	0.005184187
YOR307C	462.046	-0.884	0.221	-4.001	6.32E-05	0.000357746
YPL206C	254.397	-0.884	0.248	-3.565	0.000363825	0.001673843
YPR079W	242.051	-0.884	0.251	-3.520	0.000430955	0.001930424
YIL146C	150.461	-0.882	0.291	-3.033	0.002420401	0.008450634
YPL159C	160.434	-0.882	0.283	-3.119	0.001814814	0.006610153
YMR155W	217.761	-0.881	0.260	-3.393	0.000690628	0.002888952
YPL066W	319.903	-0.879	0.249	-3.534	0.000408571	0.001840771
YFR030W	374.811	-0.878	0.222	-3.959	7.52E-05	0.000416773
YBR211C	158.761	-0.878	0.285	-3.082	0.002057809	0.007376642
YDR391C	140.506	-0.877	0.307	-2.858	0.004268963	0.013777223
YML004C	524.437	-0.876	0.215	-4.075	4.61E-05	0.000271972
YER041W	217.262	-0.876	0.257	-3.409	0.000651334	0.0027457
YOR092W	233.994	-0.874	0.256	-3.416	0.000635637	0.002696251
YBR222C	263.704	-0.874	0.264	-3.310	0.00093412	0.003724153
YGL025C	188.626	-0.872	0.287	-3.043	0.002344558	0.008225615
YDR004W	242.602	-0.872	0.248	-3.516	0.000437584	0.001955287
YKL002W	139.077	-0.871	0.296	-2.940	0.00328412	0.010996256

YJR100C	181.593	-0.869	0.271	-3.210	0.001327421	0.005016343
YOL147C	100.213	-0.867	0.348	-2.492	0.012701066	0.034620752
YGL189C	4831.928	-0.866	0.217	-3.984	6.77E-05	0.000379786
YPR198W	305.832	-0.865	0.244	-3.539	0.000401049	0.001815331
YDR126W	87.321	-0.865	0.349	-2.475	0.013312584	0.036016832
YLR077W	258.693	-0.864	0.263	-3.287	0.001011543	0.003960239
YDL076C	286.516	-0.864	0.244	-3.539	0.000401256	0.001815331
YMR038C	572.761	-0.864	0.217	-3.973	7.10E-05	0.000396361
YGL091C	209.497	-0.863	0.261	-3.304	0.00095399	0.003783952
YGL085W	102.967	-0.862	0.341	-2.527	0.011492723	0.031870183
YOR087W	294.561	-0.862	0.243	-3.546	0.000391415	0.001779697
YHR028C	585.462	-0.862	0.211	-4.077	4.56E-05	0.000269759
YOR162C	283.317	-0.860	0.247	-3.490	0.00048351	0.002117011
YPL060W	67.087	-0.858	0.413	-2.078	0.037752132	0.085969887
YNR045W	110.565	-0.858	0.339	-2.534	0.01127385	0.031471868
YOR081C	213.426	-0.857	0.258	-3.324	0.000885912	0.003571354
YJL049W	124.364	-0.857	0.308	-2.783	0.00538584	0.016717008
YKR050W	114.696	-0.856	0.319	-2.682	0.007324812	0.021849877
YKR066C	443.198	-0.854	0.225	-3.794	0.000148388	0.000754849
YNL078W	283.705	-0.852	0.256	-3.322	0.000893584	0.003588853
YBR288C	358.114	-0.852	0.225	-3.778	0.000158341	0.000798014
YBR169C	162.293	-0.852	0.291	-2.930	0.003389327	0.011293604
YDR423C	215.378	-0.851	0.258	-3.299	0.000969274	0.003830603
YDL176W	262.274	-0.851	0.243	-3.506	0.000455398	0.002020924
YLR288C	183.497	-0.850	0.270	-3.151	0.001628343	0.005995213
YDR288W	159.629	-0.849	0.286	-2.966	0.003016965	0.010243524
YOR011W	153.120	-0.849	0.289	-2.939	0.003296605	0.011025176
YBL050W	280.055	-0.848	0.254	-3.346	0.000819647	0.003346277
YLR116W	256.218	-0.847	0.275	-3.076	0.002097597	0.007497201
YBR287W	728.050	-0.847	0.203	-4.173	3.01E-05	0.000185972
YGR062C	146.716	-0.846	0.300	-2.822	0.004771607	0.015077281
YML110C	509.246	-0.845	0.210	-4.029	5.60E-05	0.00032394
YBR256C	204.395	-0.844	0.284	-2.969	0.002986843	0.010170603
YIL056W	401.399	-0.843	0.230	-3.662	0.000250698	0.00120539
YOL055C	158.486	-0.841	0.285	-2.954	0.00313253	0.010587135
YKL124W	117.903	-0.841	0.313	-2.685	0.007252979	0.021659361
YPL269W	196.224	-0.841	0.295	-2.849	0.004383215	0.014050235
YOL116W	150.208	-0.838	0.305	-2.743	0.006093962	0.018554852
YGL059W	179.485	-0.834	0.270	-3.087	0.00201949	0.007253625
YJL048C	201.731	-0.834	0.261	-3.199	0.001377143	0.005179047
YDL010W	111.233	-0.833	0.323	-2.581	0.009841139	0.02809245
YER157W	354.376	-0.832	0.226	-3.689	0.000225229	0.001096503

YKR067W	166.466	-0.831	0.284	-2.921	0.003491312	0.011562577
YLL039C	917.805	-0.830	0.195	-4.261	2.04E-05	0.000129921
YER170W	85.243	-0.829	0.352	-2.355	0.018528341	0.047571821
YHR156C	92.872	-0.829	0.350	-2.371	0.017762927	0.045888264
YDR329C	227.740	-0.828	0.257	-3.219	0.001287114	0.004891212
YNL042W	146.257	-0.828	0.293	-2.826	0.004706336	0.014888341
YDR436W	190.791	-0.828	0.269	-3.076	0.002101127	0.007502252
YCR019W	124.716	-0.828	0.311	-2.659	0.007839969	0.023183116
YOR367W	147.015	-0.827	0.288	-2.867	0.004139936	0.013400578
YCR088W	809.469	-0.826	0.195	-4.235	2.28E-05	0.000144743
YMR156C	63.716	-0.826	0.395	-2.091	0.036564623	0.083862682
YOR179C	67.475	-0.825	0.397	-2.077	0.037841079	0.08606432
YDR204W	236.914	-0.824	0.255	-3.232	0.001231019	0.004714282
YIL084C	102.630	-0.824	0.341	-2.415	0.015732609	0.041430474
YOR275C	323.240	-0.823	0.232	-3.554	0.000378954	0.00173027
YFR041C	167.320	-0.816	0.320	-2.552	0.010702452	0.030155405
YER180C	231.289	-0.815	0.259	-3.144	0.001665651	0.006115305
YDR338C	237.229	-0.814	0.249	-3.271	0.001071236	0.004166938
YLR043C	507.950	-0.813	0.234	-3.473	0.000513953	0.002239485
YBR212W	271.126	-0.812	0.247	-3.289	0.001004328	0.003937661
YER080W	411.241	-0.811	0.246	-3.292	0.000995833	0.003909992
YOR176W	474.605	-0.808	0.212	-3.811	0.000138171	0.00070751
YDR032C	514.568	-0.808	0.210	-3.843	0.000121401	0.00063267
YBR220C	316.627	-0.807	0.236	-3.421	0.00062465	0.002660022
YMR041C	117.168	-0.806	0.318	-2.532	0.011327072	0.031571818
YKL011C	154.153	-0.805	0.284	-2.830	0.004657802	0.014751968
YOR298W	83.952	-0.804	0.373	-2.156	0.031061586	0.07309083
YLL040C	300.747	-0.804	0.239	-3.360	0.000778135	0.003200832
YAL031C	225.351	-0.801	0.267	-3.002	0.002686288	0.009274943
YIL071C	156.920	-0.795	0.282	-2.818	0.004838698	0.015259941
YIR001C	123.706	-0.795	0.308	-2.578	0.009938336	0.028325298
YHR063C	404.246	-0.793	0.224	-3.542	0.000397349	0.001802156
YKR044W	268.181	-0.793	0.247	-3.214	0.001309676	0.004959639
YLR412W	242.065	-0.793	0.261	-3.038	0.002382419	0.008342701
YER047C	148.528	-0.793	0.290	-2.731	0.006309958	0.01915888
YPL061W	4898.314	-0.793	0.229	-3.456	0.000549013	0.002373237
YIL135C	301.885	-0.793	0.284	-2.787	0.005319267	0.016538694
YDL219W	109.803	-0.792	0.380	-2.086	0.037011435	0.084673195
YHR182W	202.700	-0.791	0.308	-2.573	0.010093443	0.028677191
YJL163C	151.725	-0.790	0.292	-2.708	0.006764545	0.020357274
YMR160W	169.344	-0.788	0.276	-2.857	0.00427765	0.013797072
YHL035C	281.164	-0.787	0.241	-3.264	0.001098908	0.004265424

YER074W-A	110.252	-0.787	0.342	-2.298	0.021580687	0.054155872
YPL196W	183.962	-0.787	0.277	-2.842	0.004480853	0.014266321
YDR253C	78.727	-0.787	0.371	-2.121	0.033894247	0.078801587
YLR004C	83.721	-0.785	0.358	-2.192	0.028373595	0.067971634
YOR228C	97.054	-0.785	0.340	-2.309	0.020962462	0.052921944
YDR287W	122.396	-0.784	0.316	-2.481	0.013114164	0.035586241
YHR181W	320.742	-0.784	0.238	-3.292	0.00099312	0.003902157
YLR135W	122.739	-0.783	0.314	-2.493	0.012672363	0.034577175
YNL116W	262.910	-0.782	0.250	-3.121	0.001803485	0.006577699
YPL064C	137.882	-0.781	0.319	-2.446	0.014428201	0.03866957
YLR341W	92.076	-0.779	0.349	-2.232	0.025607473	0.062389534
YKL209C	133.899	-0.779	0.305	-2.556	0.010593342	0.029909966
YGR031W	194.858	-0.777	0.274	-2.841	0.004504115	0.014331995
YDR181C	177.057	-0.775	0.275	-2.817	0.00484064	0.015259941
YIL036W	330.064	-0.773	0.235	-3.293	0.000992458	0.003902157
YCL008C	216.451	-0.772	0.271	-2.846	0.004421245	0.01411787
YDR069C	179.353	-0.768	0.317	-2.420	0.015502665	0.040924026
YOR069W	325.201	-0.767	0.234	-3.276	0.001051972	0.004100807
YGR169C	85.026	-0.767	0.368	-2.083	0.037269694	0.085192349
YDR354W	359.832	-0.767	0.224	-3.423	0.000619255	0.002639113
YPL268W	251.413	-0.767	0.265	-2.888	0.003879377	0.012662697
YOR070C	337.832	-0.766	0.230	-3.324	0.000887116	0.003573437
YER063W	307.396	-0.765	0.234	-3.266	0.001092219	0.004242492
YPL092W	391.113	-0.763	0.220	-3.467	0.000526856	0.00228531
YDR495C	148.152	-0.762	0.298	-2.555	0.010603629	0.029923474
YDR063W	204.873	-0.762	0.259	-2.944	0.003238146	0.010867509
YFL026W	117.789	-0.760	0.318	-2.389	0.016889518	0.04394507
YLL005C	155.241	-0.758	0.295	-2.572	0.01012475	0.028751117
YPR057W	194.406	-0.756	0.269	-2.815	0.004880978	0.015369286
YCR009C	428.689	-0.755	0.224	-3.369	0.000753255	0.003107892
YHR037W	422.294	-0.754	0.247	-3.051	0.002278155	0.008023708
YKL093W	90.471	-0.754	0.356	-2.116	0.034334403	0.079586736
YLR035C	135.854	-0.754	0.300	-2.510	0.012090003	0.033188003
YEL025C	342.571	-0.754	0.231	-3.257	0.001124511	0.004355476
YMR072W	398.435	-0.753	0.234	-3.216	0.001300632	0.004935684
YLR324W	233.489	-0.753	0.256	-2.941	0.003266704	0.010945371
YBR197C	90.474	-0.753	0.347	-2.167	0.030239016	0.071526651
YIL134W	119.528	-0.752	0.314	-2.395	0.016617399	0.043361523
YLR263W	129.107	-0.752	0.321	-2.342	0.019162943	0.048901024
YDR123C	96.321	-0.751	0.375	-2.002	0.045300168	0.099693369
YOL012C	115.267	-0.751	0.329	-2.280	0.022620553	0.056220552
YNL169C	415.651	-0.750	0.228	-3.296	0.000981223	0.003872199

YIR037W	366.046	-0.750	0.230	-3.260	0.001114649	0.004320357
YOR018W	253.914	-0.747	0.251	-2.981	0.00287505	0.009833033
YOL070C	258.435	-0.746	0.243	-3.070	0.002143963	0.007625161
YBL052C	180.587	-0.745	0.274	-2.715	0.006623143	0.020031507
YDR061W	356.020	-0.745	0.235	-3.175	0.001498366	0.005603931
YNL242W	104.851	-0.744	0.328	-2.271	0.023166618	0.057341862
YIL016W	131.029	-0.744	0.310	-2.401	0.01634167	0.04272404
YAL005C	1934.559	-0.743	0.189	-3.939	8.19E-05	0.000447616
YHR106W	139.634	-0.743	0.333	-2.234	0.025467896	0.062077283
YBR208C	165.188	-0.742	0.280	-2.647	0.008118766	0.023851892
YFL046W	86.879	-0.741	0.353	-2.102	0.035585037	0.082135583
YBR044C	184.099	-0.741	0.283	-2.620	0.008799794	0.025535369
YDR051C	182.327	-0.739	0.273	-2.710	0.00673487	0.020290428
YPL134C	92.357	-0.736	0.368	-2.003	0.045180897	0.099507297
YMR032W	217.703	-0.735	0.260	-2.833	0.004613974	0.014638733
YLR362W	182.940	-0.734	0.276	-2.664	0.00772788	0.022926464
YDR348C	395.866	-0.734	0.219	-3.351	0.000803827	0.003289098
YHR122W	169.498	-0.734	0.307	-2.391	0.016782843	0.043709338
YIL139C	94.470	-0.733	0.350	-2.097	0.036019868	0.08289295
YKL133C	125.292	-0.730	0.307	-2.380	0.017302207	0.044825824
YPL224C	215.778	-0.729	0.269	-2.709	0.006739115	0.020291977
YPL202C	321.064	-0.729	0.246	-2.962	0.003054295	0.010348445
YNL071W	1805.034	-0.728	0.185	-3.943	8.06E-05	0.000442005
YJL200C	491.381	-0.728	0.221	-3.303	0.000956709	0.00378921
YGR260W	872.803	-0.725	0.192	-3.781	0.000156039	0.000787143
YKR055W	92.945	-0.725	0.346	-2.095	0.03614777	0.083116945
YNL131W	310.707	-0.724	0.268	-2.702	0.006887412	0.020669838
YNL003C	211.495	-0.724	0.259	-2.794	0.005208364	0.016249618
YER019W	346.028	-0.724	0.229	-3.161	0.001570755	0.005826581
YLR113W	741.595	-0.722	0.199	-3.631	0.000282177	0.001340158
YPL003W	260.110	-0.722	0.244	-2.955	0.003124345	0.010566036
YIL112W	311.482	-0.721	0.321	-2.247	0.024658466	0.060429356
YJL181W	169.882	-0.718	0.283	-2.535	0.011245297	0.031424422
YDR135C	787.702	-0.717	0.233	-3.074	0.002111524	0.007524554
YNL073W	163.445	-0.717	0.284	-2.522	0.011655296	0.032183193
YHR209W	165.506	-0.716	0.289	-2.478	0.013204814	0.035796499
YGR127W	178.892	-0.716	0.301	-2.381	0.017261922	0.044742771
YKR017C	145.830	-0.715	0.295	-2.425	0.015306484	0.040504457
YDR219C	200.363	-0.714	0.294	-2.425	0.015316141	0.040510298
YGR110W	127.882	-0.713	0.302	-2.360	0.018251566	0.046949865
YHL027W	540.251	-0.711	0.221	-3.216	0.001300452	0.004935684
YER098W	98.355	-0.710	0.334	-2.127	0.033454807	0.078013397

YDR323C	146.472	-0.709	0.298	-2.378	0.017427675	0.045086439
YGR232W	193.105	-0.709	0.265	-2.673	0.007527907	0.022418816
YMR261C	487.380	-0.708	0.216	-3.271	0.001069992	0.00416508
YPR023C	387.770	-0.708	0.228	-3.110	0.001873925	0.006793603
YDR456W	439.457	-0.708	0.219	-3.238	0.001202164	0.004616784
YPL236C	186.927	-0.708	0.286	-2.476	0.013282978	0.035972527
YDL028C	232.129	-0.706	0.275	-2.573	0.010075958	0.028657457
YFL042C	144.835	-0.704	0.301	-2.336	0.019472113	0.049596885
YJL172W	403.392	-0.704	0.220	-3.205	0.001351031	0.00509494
YDR451C	323.040	-0.704	0.241	-2.920	0.003499676	0.011576178
YHR076W	268.801	-0.704	0.241	-2.922	0.003479137	0.01152928
YCL004W	162.228	-0.704	0.278	-2.531	0.011377878	0.03166474
YBR111C	330.005	-0.704	0.228	-3.082	0.002053096	0.007369464
YGL114W	427.031	-0.703	0.230	-3.062	0.002195727	0.007783811
YBR286W	3857.406	-0.700	0.171	-4.098	4.16E-05	0.00024854
YPL168W	114.172	-0.700	0.325	-2.151	0.031481497	0.073982879
YKL215C	173.830	-0.698	0.273	-2.561	0.010444344	0.029550647
YOR171C	375.803	-0.697	0.229	-3.050	0.002289816	0.008054346
YKR087C	241.766	-0.696	0.264	-2.635	0.008421048	0.024620247
YMR004W	283.057	-0.695	0.252	-2.755	0.005875993	0.017981795
YDL025C	176.810	-0.695	0.273	-2.546	0.010910215	0.030582344
YIR007W	214.120	-0.691	0.277	-2.492	0.012698327	0.034620752
YIL017C	230.055	-0.691	0.281	-2.458	0.013962669	0.037570012
YCL025C	261.071	-0.690	0.246	-2.799	0.005118998	0.016016749
YHL002W	296.186	-0.690	0.236	-2.923	0.003468077	0.011499635
YDR498C	232.399	-0.690	0.249	-2.764	0.005704783	0.017536805
YDL044C	179.570	-0.688	0.270	-2.548	0.010821019	0.030379297
YDR530C	208.743	-0.687	0.263	-2.613	0.008982086	0.02600883
YPR176C	218.662	-0.687	0.254	-2.707	0.006798012	0.020446675
YDR472W	461.943	-0.686	0.224	-3.065	0.002177619	0.007729694
YJR073C	206.058	-0.686	0.294	-2.331	0.019757031	0.05025198
YOR279C	98.491	-0.686	0.333	-2.062	0.039250073	0.088601866
YER062C	324.090	-0.685	0.230	-2.976	0.002923528	0.009986272
YMR097C	180.059	-0.685	0.272	-2.518	0.011812173	0.032523846
YPL147W	129.391	-0.684	0.300	-2.279	0.022647264	0.056261226
YOR138C	272.124	-0.683	0.268	-2.550	0.010778232	0.030290453
YJR152W	119.118	-0.682	0.327	-2.086	0.036963616	0.084599386
YNL097C	172.086	-0.681	0.280	-2.432	0.015032437	0.039895751
YHR009C	668.779	-0.679	0.212	-3.210	0.001326446	0.005016142
YNL261W	451.325	-0.679	0.234	-2.906	0.003663329	0.012036968
YLR193C	108.017	-0.679	0.331	-2.051	0.040243755	0.090394687
YPR107C	141.114	-0.676	0.296	-2.281	0.02257498	0.056143987

YGR244C	443.806	-0.674	0.226	-2.981	0.002872846	0.009831679
YDR319C	152.276	-0.673	0.298	-2.258	0.02396999	0.059034786
YGR113W	200.860	-0.673	0.266	-2.529	0.011440923	0.031775815
YOR274W	136.630	-0.673	0.306	-2.198	0.027915503	0.067051459
YDR169C	167.085	-0.671	0.291	-2.305	0.02114755	0.053276737
YPL247C	275.816	-0.670	0.249	-2.688	0.007192981	0.021503811
YMR313C	321.790	-0.670	0.244	-2.747	0.006022413	0.018378162
YGR101W	244.571	-0.669	0.246	-2.717	0.006582954	0.019932129
YOR129C	190.370	-0.668	0.282	-2.366	0.017979609	0.046381933
YDL119C	116.388	-0.667	0.313	-2.127	0.033419934	0.077965509
YDL115C	135.369	-0.667	0.305	-2.189	0.028579082	0.068381165
YPL095C	291.802	-0.666	0.258	-2.577	0.009960827	0.028374529
YNL006W	236.606	-0.664	0.253	-2.624	0.008688671	0.02530744
YGL143C	160.802	-0.662	0.282	-2.346	0.018971679	0.048503991
YJL101C	674.777	-0.660	0.248	-2.666	0.007677975	0.022807671
YDR179W-A	162.630	-0.660	0.280	-2.358	0.01835186	0.04714096
YER100W	249.542	-0.659	0.245	-2.691	0.007116646	0.021299022
YNR006W	358.372	-0.657	0.239	-2.744	0.006065297	0.01847792
YNR032W	149.470	-0.657	0.286	-2.300	0.021436498	0.053893517
YIL107C	160.690	-0.657	0.279	-2.354	0.018586757	0.047699284
YER065C	226.617	-0.655	0.259	-2.532	0.011355083	0.03163368
YKR074W	180.009	-0.653	0.279	-2.339	0.019318307	0.049274368
YDR371W	215.544	-0.653	0.259	-2.522	0.011658862	0.032183193
YOR023C	256.761	-0.653	0.251	-2.596	0.009424986	0.027046477
YMR241W	602.211	-0.652	0.207	-3.155	0.001607251	0.005937659
YMR139W	277.532	-0.652	0.264	-2.476	0.013298963	0.035997891
YBL046W	129.724	-0.651	0.324	-2.011	0.044324458	0.097902683
YNL099C	187.726	-0.650	0.266	-2.438	0.01475986	0.039366923
YKR100C	240.033	-0.649	0.253	-2.562	0.010398811	0.029437639
YDR388W	935.779	-0.647	0.195	-3.324	0.000885943	0.003571354
YIL140W	138.964	-0.647	0.295	-2.193	0.028336433	0.067912527
YHL020C	269.186	-0.647	0.240	-2.696	0.007015294	0.021030414
YPL100W	303.474	-0.642	0.233	-2.761	0.005759404	0.017693647
YDL170W	189.309	-0.640	0.266	-2.408	0.016051785	0.042148531
YGR267C	359.831	-0.640	0.224	-2.851	0.004355183	0.013980805
YNR035C	703.819	-0.640	0.200	-3.195	0.001398202	0.005250981
YLR367W	726.038	-0.640	0.242	-2.643	0.00821627	0.024060352
YMR318C	1236.318	-0.639	0.198	-3.235	0.001214498	0.004657574
YDL054C	154.436	-0.639	0.282	-2.263	0.023635479	0.058263707
YDL120W	157.693	-0.638	0.293	-2.177	0.029456024	0.069978968
YLR098C	302.622	-0.638	0.257	-2.483	0.013016274	0.035391249
YOR323C	977.101	-0.637	0.193	-3.300	0.000968178	0.003829054

YGR034W	5863.743	-0.637	0.217	-2.929	0.003401982	0.011314973
YDR113C	171.768	-0.635	0.273	-2.326	0.020001867	0.050708695
YDR330W	219.884	-0.635	0.262	-2.424	0.015345354	0.040548122
YDL233W	159.302	-0.635	0.285	-2.231	0.025711322	0.062586469
YOR222W	377.013	-0.635	0.228	-2.782	0.005408628	0.016774787
YML016C	456.831	-0.634	0.218	-2.909	0.003629355	0.011946994
YLR072W	248.733	-0.634	0.260	-2.438	0.014760786	0.039366923
YPR148C	497.160	-0.634	0.216	-2.933	0.003354026	0.01119656
YJL044C	495.869	-0.631	0.210	-3.012	0.002594224	0.009002803
YDR073W	178.592	-0.630	0.281	-2.241	0.025055197	0.061236028
YPR179C	198.259	-0.629	0.274	-2.297	0.021629318	0.054252875
YPL149W	170.715	-0.628	0.278	-2.255	0.02414904	0.05939506
YBR227C	154.162	-0.628	0.288	-2.176	0.02952706	0.070117097
YER055C	1666.563	-0.627	0.182	-3.449	0.000563651	0.00242687
YHR011W	160.903	-0.626	0.284	-2.206	0.027409927	0.066022102
YFR024C-A	393.494	-0.626	0.221	-2.833	0.004604878	0.014618404
YDR484W	236.608	-0.625	0.289	-2.159	0.030812386	0.072661647
YML041C	173.430	-0.625	0.276	-2.268	0.023327969	0.057560526
YOR241W	504.889	-0.625	0.225	-2.779	0.005446984	0.01684909
YDR145W	245.627	-0.624	0.247	-2.523	0.011647621	0.032183193
YMR265C	215.853	-0.623	0.255	-2.447	0.014398033	0.038621838
YKL075C	224.726	-0.623	0.254	-2.451	0.014242315	0.038265666
YDL125C	428.288	-0.622	0.219	-2.843	0.004467383	0.014240109
YPL074W	278.319	-0.621	0.252	-2.462	0.013805147	0.037164549
YDR225W	2023.924	-0.620	0.186	-3.331	0.000864653	0.003498501
YLL026W	815.872	-0.620	0.199	-3.114	0.001845203	0.006702881
YMR188C	131.496	-0.619	0.298	-2.073	0.038209539	0.086612537
YNL265C	141.299	-0.616	0.291	-2.119	0.034057432	0.079079554
YFR052W	558.148	-0.616	0.204	-3.021	0.002517862	0.008760163
YDR265W	202.095	-0.615	0.266	-2.313	0.020748034	0.052453653
YKL114C	201.503	-0.614	0.270	-2.274	0.022940559	0.056838744
YDR099W	1121.390	-0.611	0.205	-2.971	0.002968034	0.010125576
YBL033C	181.637	-0.610	0.282	-2.162	0.030590354	0.072232022
YKL130C	287.826	-0.609	0.237	-2.573	0.010081407	0.028657968
YGL196W	368.603	-0.609	0.234	-2.599	0.009359933	0.026902387
YPR172W	143.546	-0.607	0.301	-2.021	0.043329842	0.096174564
YLR166C	468.237	-0.607	0.241	-2.519	0.011762483	0.032436299
YKL216W	1466.280	-0.607	0.192	-3.152	0.001621075	0.00598329
YLR001C	346.887	-0.607	0.248	-2.449	0.014322813	0.03846294
YDL133W	350.600	-0.605	0.230	-2.631	0.008511268	0.024830619
YFR045W	138.826	-0.605	0.296	-2.043	0.041097426	0.091819147
YKL038W	231.282	-0.604	0.271	-2.230	0.025723092	0.062587101

YBR221C	1519.131	-0.603	0.209	-2.886	0.003900272	0.012715634
YLR354C	1985.214	-0.601	0.185	-3.248	0.001162791	0.004481402
YGR071C	240.096	-0.600	0.267	-2.244	0.024859203	0.060784327
YPR111W	195.571	-0.600	0.264	-2.270	0.023223657	0.057378577
YKR088C	405.799	-0.599	0.241	-2.485	0.012955803	0.035262089
YMR238W	345.444	-0.599	0.233	-2.574	0.010044637	0.028598292
YOR266W	144.831	-0.597	0.297	-2.010	0.044474467	0.098154281
YBR122C	192.004	-0.596	0.275	-2.168	0.030166036	0.071385077
YBR042C	325.690	-0.596	0.228	-2.613	0.008971667	0.025999314
YMR109W	720.478	-0.594	0.196	-3.033	0.002420518	0.008450634
YDL080C	361.278	-0.594	0.234	-2.538	0.011163111	0.031226851
YDL141W	321.857	-0.591	0.245	-2.410	0.015968369	0.041949755
YGR097W	373.811	-0.590	0.229	-2.578	0.009927195	0.028308384
YBL003C	1369.832	-0.590	0.275	-2.147	0.031781294	0.074622918
YKL040C	328.665	-0.590	0.234	-2.526	0.011540837	0.031970998
YNL293W	251.482	-0.589	0.258	-2.287	0.022224715	0.055515847
YER003C	1206.647	-0.589	0.185	-3.181	0.001465174	0.005490621
YJL146W	226.338	-0.588	0.257	-2.290	0.022004696	0.055042106
YHR004C	250.127	-0.588	0.258	-2.274	0.02294245	0.056838744
YPR003C	175.916	-0.588	0.284	-2.067	0.038734572	0.087620051
YBR003W	337.848	-0.587	0.257	-2.284	0.022367073	0.055717884
YJL051W	356.985	-0.586	0.237	-2.475	0.013339523	0.036071767
YHR114W	297.764	-0.586	0.240	-2.444	0.014535169	0.038917897
YOR231W	333.370	-0.586	0.227	-2.579	0.009913912	0.028285339
YLR231C	235.405	-0.585	0.249	-2.349	0.018824722	0.048196251
YHR207C	223.621	-0.584	0.253	-2.307	0.021028975	0.053040616
YMR140W	204.681	-0.583	0.261	-2.231	0.025706938	0.062586469
YIL010W	173.737	-0.582	0.272	-2.144	0.032036941	0.075190715
YHR017W	239.086	-0.578	0.264	-2.189	0.028582271	0.068381165
YMR258C	480.436	-0.577	0.217	-2.660	0.007809283	0.023117519
YKL140W	356.257	-0.577	0.240	-2.403	0.016239893	0.042498814
YOR022C	175.547	-0.575	0.274	-2.102	0.03556598	0.082126453
YMR031C	203.615	-0.575	0.259	-2.224	0.026165596	0.063464992
YIL034C	572.446	-0.573	0.216	-2.650	0.008042809	0.023667097
YIR033W	371.190	-0.573	0.231	-2.483	0.013023836	0.035394114
YER020W	344.329	-0.573	0.225	-2.544	0.010956374	0.03069591
YNL295W	174.776	-0.573	0.276	-2.074	0.038060098	0.086345771
YDL045C	189.469	-0.573	0.266	-2.155	0.031129665	0.073219342
YBR158W	445.082	-0.571	0.256	-2.228	0.025898493	0.062929403
YNL251C	698.096	-0.570	0.215	-2.649	0.008073588	0.023744821
YOL025W	167.984	-0.569	0.279	-2.041	0.041231211	0.092042415
YOR049C	233.721	-0.567	0.270	-2.098	0.035935566	0.082769

YPL254W	251.028	-0.567	0.243	-2.331	0.019766586	0.050252779
YLR195C	528.862	-0.566	0.220	-2.574	0.01006153	0.028631397
YGR252W	234.885	-0.566	0.264	-2.140	0.032342628	0.075810004
YKL019W	314.881	-0.563	0.234	-2.407	0.016074248	0.042161965
YKR027W	280.975	-0.563	0.257	-2.187	0.028713445	0.068604445
YDR164C	309.687	-0.563	0.237	-2.379	0.017375676	0.04497331
YGR192C	82862.441	-0.562	0.188	-2.990	0.002786851	0.009585639
YNL095C	271.240	-0.559	0.243	-2.298	0.021551371	0.054132267
YGR037C	309.540	-0.557	0.236	-2.364	0.018062386	0.046529254
YMR028W	185.249	-0.557	0.268	-2.081	0.037458782	0.085516733
YGR216C	378.229	-0.554	0.230	-2.413	0.015801453	0.041591627
YDL193W	297.241	-0.553	0.233	-2.368	0.017891639	0.046198829
YMR180C	235.833	-0.551	0.252	-2.188	0.028694379	0.068589025
YHR123W	330.544	-0.550	0.254	-2.168	0.030155028	0.071385077
YOR209C	763.465	-0.549	0.199	-2.757	0.005838049	0.017885808
YKL007W	449.788	-0.548	0.227	-2.411	0.015906057	0.041806254
YOR110W	221.063	-0.546	0.267	-2.042	0.041143172	0.091883602
YNL327W	2003.960	-0.546	0.179	-3.047	0.002312609	0.008126481
YGR172C	372.874	-0.546	0.255	-2.144	0.03206677	0.075221408
YLR328W	364.099	-0.545	0.234	-2.327	0.019982011	0.050681984
YIL153W	200.978	-0.542	0.261	-2.079	0.037608131	0.085733338
YLL051C	364.456	-0.542	0.241	-2.251	0.024377221	0.059902092
YJL149W	341.363	-0.541	0.248	-2.182	0.029126242	0.069346982
YOR230W	3008.825	-0.539	0.199	-2.703	0.00688099	0.020661968
YJR101W	295.719	-0.538	0.244	-2.206	0.027414106	0.066022102
YLR093C	327.489	-0.538	0.229	-2.346	0.018981416	0.04850608
YBR236C	260.873	-0.537	0.252	-2.131	0.033071409	0.077251857
YLR027C	1514.040	-0.536	0.183	-2.928	0.003413688	0.011346964
YPL215W	331.150	-0.536	0.231	-2.324	0.02013355	0.05099499
YOR059C	259.637	-0.535	0.258	-2.069	0.038536784	0.087293585
YML019W	384.322	-0.534	0.223	-2.391	0.016810074	0.043759303
YGL223C	379.798	-0.532	0.221	-2.403	0.016256697	0.042522327
YNR030W	368.536	-0.531	0.231	-2.296	0.021676625	0.05434175
YHL025W	381.077	-0.531	0.241	-2.202	0.027664714	0.066507831
YLR108C	232.691	-0.530	0.263	-2.016	0.04375609	0.09692286
YDR105C	279.012	-0.526	0.240	-2.195	0.028177252	0.067590602
YER024W	229.614	-0.525	0.254	-2.065	0.038880739	0.087867933
YPR127W	281.428	-0.523	0.238	-2.203	0.027601951	0.066386294
YHR111W	324.358	-0.523	0.239	-2.188	0.028683347	0.068589025
YOL129W	335.717	-0.521	0.226	-2.306	0.021116346	0.053236297
YOR303W	799.722	-0.521	0.202	-2.583	0.009798598	0.028000409
YJL201W	541.128	-0.521	0.251	-2.075	0.037954701	0.086214563

YBR110W	421.197	-0.519	0.225	-2.303	0.021259075	0.053496922
YLR257W	1212.452	-0.519	0.186	-2.789	0.005286478	0.016474421
YBR199W	670.107	-0.518	0.203	-2.554	0.010655409	0.030038422
YIL106W	364.546	-0.516	0.222	-2.327	0.019978283	0.050681984
YIL076W	819.325	-0.515	0.192	-2.682	0.007317827	0.021841022
YDL072C	590.199	-0.515	0.202	-2.546	0.010902698	0.030577035
YDR351W	395.966	-0.513	0.220	-2.338	0.019398977	0.049456933
YPL270W	328.138	-0.513	0.241	-2.125	0.033592386	0.078200083
YIL116W	449.428	-0.508	0.230	-2.210	0.027093768	0.065424472
YDR174W	1123.960	-0.508	0.194	-2.620	0.008789186	0.025531835
YKL213C	519.878	-0.501	0.225	-2.220	0.026429074	0.063989896
YJR104C	1293.104	-0.499	0.214	-2.332	0.019683677	0.050088832
YPL091W	897.243	-0.499	0.194	-2.571	0.010141413	0.028783406
YOL060C	297.860	-0.498	0.238	-2.094	0.036288137	0.083333991
YOL049W	560.588	-0.498	0.205	-2.423	0.015406722	0.040690507
YBR130C	373.106	-0.497	0.235	-2.112	0.034666066	0.080252901
YML067C	435.718	-0.495	0.217	-2.286	0.022266301	0.055594188
YBR096W	277.235	-0.492	0.244	-2.021	0.043239117	0.09601238
YOR076C	283.031	-0.492	0.240	-2.053	0.040044336	0.090095614
YEL021W	395.613	-0.490	0.242	-2.025	0.042857289	0.095242312
YNL031C	2781.646	-0.490	0.177	-2.765	0.00568513	0.017496173
YER090W	943.160	-0.489	0.201	-2.433	0.014957481	0.039755025
YGL155W	305.832	-0.483	0.232	-2.082	0.037337173	0.085310735
YGL012W	1600.472	-0.482	0.183	-2.641	0.008254725	0.024146956
YPR106W	351.967	-0.480	0.232	-2.064	0.039010211	0.08809698
YLR206W	448.283	-0.480	0.233	-2.056	0.03977525	0.089527239
YNL001W	299.161	-0.479	0.239	-2.003	0.04519732	0.099507297
YGL112C	589.990	-0.479	0.212	-2.263	0.023666147	0.058312871
YEL071W	4683.496	-0.478	0.183	-2.612	0.008992177	0.026015038
YIL044C	293.591	-0.478	0.235	-2.030	0.042388763	0.094278157
YDR251W	484.044	-0.478	0.233	-2.047	0.040694326	0.091112138
YHR188C	650.946	-0.477	0.212	-2.245	0.024781866	0.060649769
YMR091C	397.313	-0.471	0.227	-2.074	0.03804244	0.086341731
YGL124C	385.224	-0.470	0.221	-2.129	0.033234564	0.077566334
YMR086W	340.433	-0.469	0.230	-2.043	0.041069423	0.091794297
YOR247W	989.956	-0.469	0.224	-2.091	0.036545749	0.083854761
YOL111C	315.601	-0.468	0.230	-2.034	0.041941949	0.093475541
YKL161C	574.976	-0.467	0.223	-2.089	0.036725927	0.08419713
YER177W	4272.946	-0.466	0.197	-2.366	0.017961612	0.046357496
YLR429W	996.786	-0.465	0.191	-2.441	0.014649851	0.039128629
YPL048W	1879.904	-0.465	0.214	-2.169	0.030088477	0.071294613
YPR113W	545.910	-0.455	0.211	-2.158	0.030917017	0.072813659

YOR136W	1419.209	-0.454	0.186	-2.436	0.014841825	0.039524899
YMR276W	880.361	-0.451	0.192	-2.349	0.018818348	0.048196251
YLR194C	760.836	-0.449	0.196	-2.285	0.022303593	0.055661744
YJR105W	1575.363	-0.447	0.181	-2.470	0.013505298	0.03642947
YER021W	1144.883	-0.436	0.207	-2.104	0.035360199	0.081685966
YDR264C	656.326	-0.430	0.210	-2.047	0.040684308	0.091112138
YFL018C	1133.882	-0.427	0.198	-2.153	0.031321495	0.073638689
YNL067W	4661.005	-0.416	0.174	-2.389	0.016898806	0.043948209
YDR483W	1541.319	-0.409	0.180	-2.276	0.022874013	0.056772654
YDR224C	1985.559	-0.406	0.200	-2.027	0.042700528	0.094932735
YNL037C	760.177	-0.399	0.195	-2.045	0.040872105	0.091466053
YDL029W	894.111	-0.396	0.190	-2.086	0.036961615	0.084599386
YER120W	1123.211	-0.378	0.186	-2.031	0.042217732	0.093967766
YBR118W	72473.438	0.340	0.169	2.013	0.044107413	0.097622617
YEL046C	1230.601	0.370	0.183	2.022	0.04315627	0.095867564
YDR025W	5216.609	0.371	0.183	2.033	0.04204292	0.093623833
YJR007W	1402.175	0.374	0.181	2.067	0.038726235	0.087620051
YNL064C	1916.454	0.375	0.180	2.078	0.037677048	0.085834851
YKL180W	6397.109	0.375	0.179	2.101	0.035642394	0.082185543
YJR123W	16536.738	0.388	0.167	2.319	0.020410685	0.051648817
YOR007C	1619.228	0.394	0.180	2.187	0.02876887	0.068646386
YGR214W	7728.525	0.400	0.179	2.238	0.025238383	0.061573049
YBR127C	1894.473	0.401	0.190	2.111	0.034775508	0.080472006
YLR150W	9311.197	0.401	0.166	2.412	0.01584798	0.04167375
YJL158C	4052.232	0.406	0.169	2.398	0.016502919	0.043104167
YIL109C	1354.343	0.409	0.198	2.060	0.039404088	0.088817716
YBR015C	872.488	0.410	0.201	2.043	0.041031889	0.091785854
YDR349C	652.602	0.411	0.204	2.013	0.044133009	0.097622617
YGR178C	932.984	0.411	0.196	2.101	0.03567597	0.082205899
YML085C	1304.803	0.414	0.182	2.275	0.022927815	0.056838744
YNL085W	769.668	0.418	0.193	2.165	0.03038376	0.071806556
YER102W	6931.181	0.421	0.176	2.385	0.017095871	0.044382131
YDR072C	1068.057	0.423	0.203	2.082	0.037366997	0.085343019
YGR055W	853.407	0.423	0.192	2.206	0.027357276	0.065943647
YCL050C	1110.023	0.424	0.196	2.159	0.030869348	0.072764419
YKL150W	751.329	0.431	0.205	2.097	0.035957172	0.082783701
YJR006W	483.816	0.432	0.209	2.061	0.039274091	0.088619297
YML073C	6182.195	0.432	0.180	2.407	0.016080161	0.042161965
YKL080W	1953.260	0.434	0.199	2.185	0.028879205	0.068788926
YGL123W	13995.004	0.435	0.174	2.503	0.012309648	0.03368891
YIL048W	393.030	0.436	0.217	2.009	0.044497973	0.09816632
YEL037C	839.773	0.437	0.198	2.204	0.027547697	0.066285122

YKL081W	9730.972	0.437	0.175	2.504	0.012268913	0.033594334
YER082C	540.430	0.438	0.206	2.122	0.033816028	0.078687018
YDR293C	694.684	0.438	0.198	2.216	0.026664566	0.064531334
YBR249C	2543.126	0.438	0.177	2.482	0.013080925	0.035513764
YKL212W	1187.899	0.440	0.191	2.308	0.020991147	0.052969771
YPL190C	714.398	0.441	0.210	2.096	0.036042906	0.082910881
YGL103W	10386.512	0.443	0.213	2.079	0.037616724	0.085733338
YHR068W	969.805	0.445	0.197	2.254	0.024191529	0.059472664
YER167W	423.411	0.446	0.216	2.065	0.038892629	0.087867933
YDR148C	471.923	0.447	0.209	2.143	0.032077684	0.075221408
YDR208W	501.119	0.448	0.214	2.093	0.036329733	0.083394296
YBR069C	1142.551	0.449	0.185	2.424	0.015344887	0.040548122
YDR527W	405.217	0.450	0.220	2.047	0.040622141	0.091094103
YIL128W	423.237	0.451	0.214	2.101	0.035652022	0.082185543
YEL055C	726.260	0.451	0.205	2.199	0.027871095	0.066974377
YOL004W	556.211	0.451	0.203	2.227	0.025940862	0.062976076
YFL062W	563.334	0.452	0.206	2.190	0.028537531	0.068334255
YIL018W	11444.200	0.452	0.194	2.328	0.019890233	0.050543499
YOR165W	552.183	0.453	0.207	2.187	0.028767994	0.068646386
YOL128C	448.234	0.455	0.222	2.050	0.040330394	0.090551893
YIL068C	494.281	0.455	0.219	2.075	0.037948481	0.086214563
YML010W	450.457	0.458	0.217	2.114	0.034544948	0.080006571
YIL069C	2663.524	0.461	0.175	2.631	0.008508974	0.024830619
YPR132W	4211.177	0.462	0.213	2.167	0.030258809	0.071542349
YJR075W	612.250	0.463	0.204	2.268	0.023329055	0.057560526
YML002W	358.251	0.465	0.221	2.101	0.035607481	0.082152518
YLR333C	1045.786	0.465	0.219	2.126	0.033543392	0.078152941
YGL116W	396.102	0.466	0.229	2.031	0.042231927	0.093967766
YKR090W	388.360	0.466	0.232	2.011	0.04430668	0.097902683
YKL173W	334.380	0.468	0.225	2.079	0.037573691	0.085707102
YCR084C	755.464	0.468	0.225	2.085	0.037042115	0.084707747
YKR057W	2044.888	0.470	0.227	2.068	0.038650689	0.0875031
YLR414C	643.555	0.470	0.213	2.211	0.027057987	0.065367096
YJR145C	11200.028	0.471	0.193	2.437	0.014794824	0.039430753
YOL030W	1128.377	0.471	0.206	2.284	0.022346338	0.055717884
YGL040C	1019.289	0.472	0.191	2.464	0.013735307	0.036994849
YIL143C	503.058	0.474	0.206	2.294	0.021787779	0.054549696
YNL069C	8274.244	0.474	0.191	2.485	0.012946188	0.035253565
YGL031C	4448.885	0.475	0.188	2.529	0.011438336	0.031775815
YPL086C	628.104	0.477	0.203	2.343	0.019152921	0.048898398
YHR098C	767.068	0.477	0.196	2.431	0.015065037	0.039958676
YNL329C	307.033	0.477	0.232	2.060	0.039411024	0.088817716

YBR039W	514.353	0.477	0.216	2.209	0.027170068	0.065579596
YPL235W	664.433	0.480	0.198	2.432	0.01501946	0.039880772
YOR096W	7169.678	0.481	0.184	2.610	0.009060854	0.026160962
YER122C	914.628	0.483	0.192	2.523	0.011648439	0.032183193
YOR014W	513.421	0.483	0.216	2.236	0.025358392	0.061838088
YCR053W	2254.704	0.485	0.187	2.598	0.009381702	0.026950712
YOR181W	339.862	0.485	0.232	2.087	0.036902704	0.084531131
YBR025C	4353.375	0.486	0.174	2.784	0.005366053	0.016665105
YNR003C	366.060	0.486	0.223	2.180	0.029263169	0.069599791
YPR199C	260.405	0.486	0.241	2.018	0.043573663	0.096636859
YNL197C	300.210	0.486	0.233	2.088	0.036769835	0.084262269
YER095W	496.169	0.487	0.208	2.345	0.019028235	0.048602885
YOL041C	687.336	0.489	0.201	2.434	0.01493097	0.039714444
YKL139W	288.318	0.491	0.238	2.058	0.039603013	0.089213416
YOR254C	1199.599	0.492	0.189	2.603	0.009240564	0.026587399
YGL137W	1166.219	0.492	0.188	2.625	0.008673165	0.025275814
YEL022W	507.798	0.493	0.216	2.284	0.022353695	0.055717884
YMR142C	9105.994	0.493	0.182	2.706	0.006819308	0.020499389
YPR105C	423.030	0.496	0.237	2.095	0.036182218	0.083148875
YKR094C	5241.916	0.496	0.187	2.657	0.007872351	0.023228349
YJL177W	3448.049	0.496	0.206	2.413	0.015842311	0.04167375
YCR094W	337.662	0.496	0.228	2.173	0.02976284	0.070615325
YDR367W	379.280	0.497	0.234	2.119	0.034107011	0.079160873
YLR110C	28023.794	0.497	0.197	2.529	0.011447007	0.031775815
YPL143W	3331.954	0.497	0.223	2.229	0.025808902	0.062767803
YBL030C	2216.500	0.499	0.176	2.837	0.004559347	0.014499257
YHR203C	9510.381	0.503	0.169	2.982	0.002866431	0.009815901
YMR143W	3660.348	0.503	0.177	2.844	0.004454079	0.014209116
YNL236W	466.819	0.505	0.217	2.325	0.02007202	0.050862834
YDR206W	670.402	0.506	0.200	2.528	0.01148519	0.031865541
YOR270C	3549.453	0.506	0.177	2.860	0.004232212	0.013674848
YHL015W	6685.811	0.507	0.187	2.715	0.006632858	0.020049738
YPR032W	338.261	0.507	0.235	2.158	0.030947678	0.072854317
YEL013W	515.847	0.507	0.221	2.298	0.021546349	0.054132267
YIL159W	225.798	0.510	0.249	2.047	0.040697202	0.091112138
YBR235W	308.460	0.511	0.234	2.185	0.02886066	0.068788926
YGR198W	633.693	0.512	0.210	2.443	0.014562947	0.03894298
YER171W	502.342	0.513	0.248	2.069	0.038542092	0.087293585
YOR232W	603.632	0.514	0.203	2.537	0.011188558	0.031281943
YMR076C	250.992	0.515	0.251	2.053	0.040098614	0.090180423
YGR173W	566.008	0.516	0.207	2.495	0.012600794	0.034399156
YPR029C	589.123	0.516	0.245	2.110	0.034893129	0.080709842

YLR183C	305.814	0.517	0.250	2.067	0.038767693	0.087658508
YGR134W	297.490	0.518	0.237	2.187	0.028745948	0.068646386
YDL082W	4516.927	0.519	0.173	3.010	0.002614662	0.009062163
YER113C	467.055	0.520	0.254	2.047	0.04066143	0.091112138
YMR247C	452.793	0.521	0.244	2.131	0.033091497	0.07726559
YNL216W	619.079	0.522	0.202	2.582	0.009816975	0.028038188
YLL045C	14604.697	0.523	0.168	3.117	0.001824968	0.006638247
YOR168W	1924.070	0.523	0.177	2.964	0.00303302	0.010289186
YMR012W	1272.457	0.524	0.182	2.878	0.004004001	0.013022583
YEL058W	921.117	0.525	0.192	2.734	0.006261189	0.019021421
YAL003W	7563.312	0.526	0.175	3.013	0.002583659	0.008971863
YFL041W	292.894	0.527	0.234	2.246	0.024684901	0.060466889
YMR230W	1966.219	0.527	0.204	2.583	0.009791158	0.027993858
YJL054W	414.973	0.528	0.233	2.268	0.023302739	0.057547818
YBL092W	5601.174	0.529	0.190	2.788	0.005299071	0.016504208
YPR169W	693.843	0.529	0.202	2.618	0.00883832	0.025633485
YDL130W	3271.115	0.529	0.214	2.478	0.013214131	0.035803909
YDR310C	461.506	0.530	0.211	2.515	0.011895979	0.032721465
YMR235C	1564.314	0.531	0.192	2.770	0.005610249	0.017295088
YGL120C	1060.505	0.531	0.201	2.645	0.00817103	0.023977116
YJL128C	599.093	0.531	0.229	2.322	0.020229652	0.051214546
YFL025C	230.421	0.533	0.256	2.080	0.037531731	0.085647316
YJR042W	594.065	0.533	0.212	2.519	0.01176962	0.03243953
YLR451W	432.051	0.533	0.213	2.508	0.012146663	0.03330991
YBR263W	1612.450	0.534	0.179	2.987	0.002815885	0.009667162
YLR426W	264.666	0.535	0.241	2.216	0.026679767	0.064539401
YGL201C	345.274	0.535	0.230	2.327	0.019977391	0.050681984
YDL004W	305.301	0.537	0.236	2.270	0.023200379	0.057373198
YML061C	343.172	0.537	0.233	2.300	0.021433516	0.053893517
YHL011C	1299.497	0.538	0.194	2.778	0.005471722	0.01691599
YDR064W	10107.043	0.539	0.188	2.871	0.0040928	0.013287552
YER169W	309.460	0.539	0.246	2.193	0.028327967	0.067912527
YPL169C	762.935	0.539	0.258	2.095	0.036192238	0.083148875
YJR117W	845.261	0.541	0.196	2.759	0.005793416	0.017769091
YOR141C	370.433	0.541	0.238	2.275	0.022891585	0.056790346
YBL045C	741.322	0.542	0.236	2.296	0.021684737	0.05434175
YNL287W	1096.722	0.543	0.195	2.781	0.005421647	0.016789817
YLR305C	538.180	0.543	0.222	2.443	0.014546661	0.038929498
YLR115W	321.952	0.543	0.239	2.270	0.023193829	0.057373198
YMR277W	555.516	0.546	0.225	2.432	0.015008237	0.039870441
YKR043C	783.098	0.548	0.229	2.395	0.016614304	0.043361523
YMR116C	22145.862	0.548	0.192	2.856	0.004287758	0.013816046

YGR185C	1947.384	0.548	0.199	2.754	0.005883587	0.017994909
YOL093W	229.566	0.550	0.257	2.139	0.032424114	0.075968261
YHL004W	323.095	0.550	0.240	2.287	0.022185232	0.055442688
YML099C	347.228	0.550	0.241	2.282	0.022488628	0.055995035
YBR079C	1978.364	0.550	0.183	3.011	0.002606216	0.00903865
YPR044C	2878.191	0.550	0.222	2.474	0.013363949	0.036119857
YDR381W	1077.005	0.550	0.194	2.832	0.004618566	0.014644758
YLR421C	275.165	0.551	0.249	2.208	0.027261943	0.065742992
YOR108W	892.667	0.551	0.199	2.771	0.005583734	0.017223111
YLR448W	3342.154	0.551	0.171	3.214	0.00130968	0.004959639
YMR260C	931.904	0.553	0.235	2.347	0.018925938	0.048409807
YLR006C	375.880	0.553	0.219	2.526	0.01153142	0.031961193
YNL312W	413.876	0.553	0.232	2.387	0.016989425	0.044141659
YBR038W	460.350	0.553	0.216	2.566	0.010299155	0.029215861
YIL104C	392.359	0.554	0.218	2.547	0.010877965	0.030523412
YNL321W	260.603	0.555	0.247	2.249	0.024519023	0.060168975
YDR017C	443.619	0.556	0.212	2.623	0.008708413	0.025351366
YNL257C	393.628	0.556	0.219	2.538	0.011159625	0.031226851
YLR242C	279.238	0.557	0.241	2.309	0.020947267	0.052908145
YOR197W	700.983	0.557	0.197	2.827	0.004701548	0.01488185
YGL008C	10565.299	0.558	0.188	2.971	0.002972162	0.010133301
YKL072W	241.046	0.558	0.251	2.227	0.025965049	0.063006666
YLL035W	266.833	0.559	0.273	2.048	0.040559833	0.090991902
YNL240C	285.275	0.559	0.237	2.361	0.018208638	0.046861607
YLR007W	210.698	0.561	0.258	2.178	0.029388831	0.069849854
YML008C	2013.755	0.562	0.179	3.142	0.001680147	0.006152619
YLR389C	612.252	0.562	0.202	2.780	0.005427648	0.016798833
YBR185C	239.173	0.563	0.281	2.006	0.044846517	0.098855031
YDR346C	924.126	0.564	0.188	2.998	0.002715776	0.009353
YHL029C	310.324	0.564	0.236	2.394	0.016663585	0.043431506
YHL031C	215.003	0.564	0.254	2.222	0.026312369	0.063753123
YIL038C	504.416	0.565	0.224	2.526	0.011550818	0.031974294
YJL138C	5507.105	0.565	0.181	3.112	0.001856171	0.006738222
YMR288W	313.175	0.566	0.229	2.472	0.013417746	0.036247244
YIL115C	687.181	0.567	0.198	2.868	0.004136385	0.01339706
YJR072C	508.937	0.567	0.209	2.713	0.006670125	0.02011766
YNL189W	1736.471	0.567	0.194	2.929	0.003398477	0.011310231
YJL183W	824.728	0.568	0.200	2.844	0.004455046	0.014209116
YER008C	346.670	0.568	0.262	2.170	0.030036132	0.071201606
YPR119W	281.111	0.569	0.241	2.360	0.018271218	0.046955995
YER076C	189.596	0.569	0.262	2.169	0.03011766	0.071332681
YBL061C	708.103	0.569	0.196	2.907	0.003651067	0.012011195

YER151C	590.161	0.570	0.204	2.791	0.00524772	0.016363016
YNL016W	1116.386	0.570	0.214	2.664	0.007720111	0.022915919
YBR031W	28625.139	0.571	0.173	3.308	0.000941268	0.003743096
YHR031C	298.697	0.571	0.241	2.372	0.017674611	0.045681812
YNL254C	177.998	0.573	0.268	2.138	0.032490125	0.076057383
YBL079W	661.658	0.573	0.203	2.819	0.004814965	0.015196622
YDL052C	470.467	0.573	0.220	2.609	0.0090683	0.026160962
YKR037C	179.778	0.574	0.266	2.160	0.030778075	0.072612221
YOR271C	677.898	0.575	0.198	2.898	0.003756937	0.012314782
YNL175C	561.912	0.575	0.242	2.373	0.017642712	0.045621049
YPR089W	398.722	0.575	0.217	2.653	0.007973267	0.023500611
YBR191W	6351.629	0.576	0.217	2.648	0.008097241	0.023801511
YLR067C	155.208	0.576	0.281	2.049	0.040487212	0.090866471
YPL263C	546.992	0.576	0.214	2.693	0.007077532	0.021205301
YPR187W	456.073	0.577	0.236	2.448	0.014349697	0.038516117
YIL123W	675.116	0.577	0.230	2.506	0.0122129	0.033474671
YDL066W	684.751	0.578	0.203	2.852	0.004341944	0.01394654
YGR140W	238.084	0.578	0.262	2.208	0.027209888	0.065646571
YDR416W	453.915	0.580	0.219	2.652	0.008000164	0.023567115
YOL123W	818.285	0.580	0.192	3.016	0.002564917	0.00891247
YOR184W	1695.340	0.581	0.199	2.920	0.003503042	0.011580268
YPL131W	18548.394	0.582	0.166	3.498	0.000468588	0.002063723
YAR007C	405.126	0.582	0.220	2.643	0.008215239	0.024060352
YPL094C	752.869	0.583	0.205	2.848	0.004393552	0.014054285
YLR312W-A	222.666	0.585	0.255	2.291	0.021942773	0.054912472
YDR166C	393.282	0.585	0.219	2.671	0.007556984	0.022493091
YEL036C	810.022	0.586	0.213	2.757	0.00583233	0.01787836
YHR133C	810.770	0.586	0.225	2.602	0.009263661	0.026639762
YEL063C	593.119	0.587	0.216	2.716	0.006615526	0.020019604
YJR092W	304.770	0.588	0.237	2.482	0.013060403	0.03547576
YGL228W	615.588	0.590	0.201	2.933	0.003356728	0.011198702
YLR406C	997.169	0.590	0.191	3.093	0.001979666	0.007134145
YEL040W	1854.354	0.590	0.178	3.319	0.000903169	0.003619333
YHR050W	377.412	0.592	0.221	2.678	0.007409806	0.022079193
YOL120C	11096.666	0.592	0.184	3.221	0.001277711	0.004867478
YJR031C	310.772	0.594	0.233	2.550	0.01077508	0.030290453
YDR457W	576.443	0.597	0.233	2.562	0.010398989	0.029437639
YLL028W	507.779	0.597	0.209	2.856	0.004288615	0.013816046
YML088W	348.759	0.598	0.238	2.517	0.011847609	0.032604909
YNL121C	946.039	0.598	0.226	2.646	0.008143061	0.023910349
YGR189C	2911.582	0.600	0.200	2.999	0.002712104	0.009346274
YLR018C	296.213	0.600	0.231	2.595	0.009447296	0.027081915

YJL111W	1365.224	0.600	0.199	3.016	0.002564859	0.00891247
YDR462W	143.310	0.602	0.296	2.034	0.041977117	0.093515594
YBR084C-A	5197.135	0.603	0.185	3.257	0.001127175	0.004362689
YNL162W	2581.018	0.603	0.262	2.305	0.021151981	0.053276737
YER073W	540.232	0.604	0.209	2.895	0.003788091	0.01240942
YKL074C	318.433	0.605	0.228	2.658	0.007866983	0.02322511
YML053C	130.773	0.605	0.300	2.017	0.043712963	0.096866785
YGL148W	1863.839	0.606	0.178	3.406	0.000660323	0.002779284
YGR264C	2324.149	0.606	0.178	3.413	0.000641868	0.002712104
YKL163W	182.960	0.607	0.270	2.248	0.024598969	0.060337931
YGR085C	3372.046	0.607	0.173	3.498	0.000468683	0.002063723
YLR272C	310.796	0.608	0.243	2.505	0.012253778	0.033569796
YHR107C	457.642	0.608	0.241	2.524	0.011605331	0.032100606
YNL075W	356.301	0.608	0.229	2.660	0.007821747	0.023141818
YDR062W	1262.796	0.608	0.184	3.304	0.00095482	0.003784485
YOL036W	563.606	0.608	0.213	2.854	0.004315778	0.013883264
YDR347W	281.613	0.609	0.237	2.564	0.010341282	0.029304789
YMR268C	220.037	0.609	0.252	2.416	0.015681862	0.041336871
YFL001W	243.343	0.610	0.265	2.304	0.021231877	0.053453216
YHR051W	302.164	0.611	0.233	2.620	0.008798764	0.025535369
YPR163C	1695.016	0.611	0.196	3.122	0.001797698	0.006560995
YCR059C	267.007	0.612	0.261	2.348	0.018866511	0.048280512
YIL103W	448.934	0.614	0.219	2.806	0.00502012	0.015743607
YLR373C	343.161	0.614	0.272	2.255	0.024148052	0.05939506
YGR191W	942.555	0.614	0.198	3.107	0.001892964	0.006853487
YPL237W	1848.212	0.615	0.219	2.805	0.00502891	0.015762081
YLR347C	747.657	0.616	0.214	2.871	0.004097201	0.013293903
YBR102C	316.599	0.616	0.242	2.549	0.01080486	0.030349603
YGL099W	558.476	0.616	0.205	3.009	0.002617099	0.009064832
YPL028W	2346.351	0.616	0.176	3.509	0.000449505	0.002001798
YNR018W	358.353	0.617	0.244	2.525	0.011553786	0.031974294
YAL023C	1616.963	0.620	0.185	3.356	0.000789461	0.003236311
YOR342C	574.943	0.621	0.212	2.923	0.003466758	0.011499635
YPL068C	195.976	0.621	0.293	2.121	0.033943698	0.078882834
YGR217W	259.223	0.622	0.300	2.077	0.037781462	0.086000666
YKL033W	319.022	0.622	0.234	2.658	0.007849693	0.023199255
YLR017W	642.963	0.622	0.198	3.146	0.00165339	0.006075092
YBL020W	479.128	0.623	0.210	2.962	0.003057303	0.010352187
YDL075W	2407.404	0.624	0.249	2.503	0.0123251	0.033714233
YGR111W	439.993	0.624	0.222	2.804	0.005040097	0.015788045
YEL060C	651.485	0.624	0.222	2.810	0.004946985	0.015550118
YBR112C	705.418	0.625	0.246	2.543	0.010982202	0.030752427

YLR096W	421.138	0.626	0.265	2.366	0.017990663	0.046388442
YNR046W	262.321	0.627	0.240	2.613	0.008974019	0.025999314
YPL249C-A	2567.136	0.627	0.218	2.882	0.003948836	0.012858545
YLR061W	5701.840	0.630	0.238	2.642	0.008251342	0.024146956
YKL068W	856.666	0.630	0.215	2.936	0.003329139	0.011120304
YDR205W	342.401	0.633	0.235	2.701	0.006919538	0.020754798
YLR407W	264.053	0.634	0.240	2.645	0.008174618	0.023977116
YHR079C	269.340	0.634	0.245	2.584	0.009778845	0.027973362
YGL246C	391.607	0.634	0.245	2.586	0.009699642	0.027776014
YHR019C	4012.608	0.635	0.170	3.727	0.000193859	0.000961867
YOR051C	862.730	0.635	0.191	3.328	0.000873903	0.003533298
YBR133C	568.816	0.635	0.231	2.745	0.006043695	0.018422428
YPL037C	2205.132	0.636	0.208	3.061	0.002206367	0.007816434
YNR054C	201.991	0.636	0.266	2.389	0.016910771	0.043958306
YDR180W	182.722	0.637	0.284	2.246	0.024709526	0.060499955
YPR189W	333.165	0.638	0.236	2.704	0.006847643	0.020573194
YLR103C	182.827	0.639	0.313	2.039	0.041487836	0.092577289
YKL166C	271.075	0.639	0.290	2.204	0.027501574	0.066203435
YPR084W	164.141	0.640	0.299	2.139	0.032464886	0.07603103
YHR081W	126.327	0.645	0.321	2.012	0.044174618	0.097651046
YPR135W	246.249	0.646	0.248	2.604	0.009218102	0.026536812
YOR127W	403.966	0.646	0.224	2.882	0.003954031	0.012867755
YGR285C	4574.866	0.647	0.179	3.605	0.000312431	0.001468454
YPR141C	139.067	0.648	0.312	2.075	0.037981991	0.086240528
YGL169W	392.214	0.650	0.220	2.953	0.003150655	0.010635174
YPR104C	227.697	0.651	0.248	2.622	0.008739914	0.025402271
YDL201W	353.541	0.651	0.223	2.914	0.00356322	0.011757761
YOL145C	404.845	0.651	0.225	2.894	0.003800795	0.012443543
YBR085W	164.838	0.652	0.297	2.195	0.028150588	0.067556443
YAR008W	110.180	0.653	0.321	2.035	0.041866158	0.093344883
YDR300C	473.569	0.653	0.212	3.076	0.002098334	0.007497201
YLR326W	127.329	0.654	0.324	2.018	0.043617455	0.096694547
YIL026C	358.627	0.655	0.222	2.950	0.003176423	0.010708361
YHR120W	302.631	0.655	0.262	2.500	0.01242112	0.033959804
YMR312W	255.743	0.655	0.249	2.634	0.008434212	0.024645485
YLR293C	4057.744	0.655	0.176	3.714	0.000203843	0.001004073
YDR508C	2191.355	0.656	0.178	3.697	0.00021801	0.001067715
YNL029C	185.000	0.657	0.271	2.420	0.015518025	0.040944697
YDR161W	560.193	0.658	0.211	3.111	0.00186398	0.006762058
YBR187W	1188.139	0.658	0.194	3.384	0.000714372	0.002979108
YLR441C	10609.586	0.658	0.173	3.799	0.00014528	0.000741117
YMR147W	151.441	0.659	0.296	2.228	0.025891079	0.062929403

YLR340W	27033.543	0.659	0.181	3.643	0.000269314	0.001283551
YOR048C	494.890	0.660	0.216	3.050	0.002287771	0.008052361
YKL010C	445.933	0.660	0.222	2.967	0.003004986	0.010219583
YKL191W	607.707	0.660	0.207	3.181	0.00146605	0.005490621
YPR183W	1210.390	0.661	0.200	3.307	0.000941597	0.003743096
YMR024W	434.202	0.661	0.226	2.931	0.003379108	0.011266457
YDR091C	1202.491	0.663	0.224	2.964	0.003035073	0.01028973
YGL107C	327.708	0.664	0.233	2.849	0.004384562	0.014050235
YOR208W	291.182	0.664	0.242	2.738	0.006173691	0.018776583
YHL040C	383.989	0.665	0.228	2.920	0.003495408	0.011569099
YBR036C	799.759	0.665	0.193	3.450	0.000560579	0.002415553
YLL018C	3808.579	0.666	0.175	3.793	0.000149057	0.000756838
YDL102W	284.204	0.666	0.240	2.781	0.005415189	0.016779371
YLR439W	386.877	0.667	0.223	2.992	0.002768241	0.009527655
YBR002C	279.852	0.667	0.240	2.773	0.005550115	0.017138856
YJR121W	2287.401	0.668	0.177	3.772	0.000161666	0.000813265
YHR099W	434.067	0.668	0.222	3.005	0.002652353	0.009175251
YLR215C	199.035	0.670	0.267	2.511	0.012032499	0.033046832
YBR106W	2450.143	0.670	0.189	3.538	0.000403468	0.001822621
YJL063C	205.570	0.670	0.281	2.379	0.017341418	0.044906014
YOR361C	3200.376	0.670	0.176	3.814	0.000136646	0.000700359
YNL247W	1247.611	0.671	0.189	3.541	0.000398231	0.001804652
YLR167W	18266.070	0.671	0.192	3.493	0.000478021	0.002098044
YJL121C	803.494	0.671	0.215	3.120	0.00180755	0.006588107
YBR030W	387.746	0.673	0.231	2.915	0.003553814	0.011733843
YKL176C	382.426	0.673	0.219	3.077	0.002093915	0.007491256
YJR109C	523.401	0.674	0.213	3.161	0.001572775	0.005830096
YPL009C	478.577	0.674	0.217	3.105	0.001903131	0.006881136
YJR094W-A	1280.928	0.675	0.281	2.404	0.016208407	0.04243684
YCR017C	775.460	0.676	0.203	3.323	0.000891385	0.003583931
YOR262W	237.771	0.676	0.246	2.746	0.006029186	0.018388509
YBR218C	1206.090	0.678	0.184	3.691	0.000223196	0.001089531
YOR355W	744.628	0.679	0.195	3.481	0.000499323	0.00218273
YOR085W	408.357	0.680	0.228	2.987	0.002818364	0.009669567
YKL006W	4941.034	0.682	0.222	3.071	0.002136467	0.007603473
YGR229C	701.670	0.682	0.196	3.472	0.000516853	0.00224816
YPR110C	1270.299	0.684	0.190	3.594	0.000325322	0.001519844
YFL023W	149.032	0.684	0.298	2.295	0.021758211	0.05450076
YPR097W	302.725	0.685	0.231	2.971	0.002963527	0.010116546
YNL199C	246.067	0.687	0.244	2.811	0.004934203	0.015518911
YLR371W	229.187	0.687	0.249	2.754	0.005892953	0.018013422
YNL178W	15634.229	0.688	0.193	3.563	0.000365955	0.001679379

YHR010W	3682.916	0.690	0.231	2.989	0.002799226	0.00961604
YGL157W	618.948	0.690	0.206	3.351	0.000804747	0.003290387
YLR336C	473.285	0.690	0.234	2.945	0.003224832	0.010851879
YBR121C	2842.995	0.691	0.173	4.004	6.23E-05	0.00035472
YLR048W	8954.317	0.691	0.177	3.900	9.63E-05	0.000514212
YCL063W	251.404	0.692	0.242	2.859	0.004252596	0.013732553
YLR075W	19152.030	0.693	0.195	3.549	0.000387236	0.001763644
YNL307C	582.279	0.693	0.243	2.848	0.004393579	0.014054285
YOR260W	1068.493	0.693	0.220	3.152	0.001621804	0.00598329
YLR172C	1036.765	0.694	0.187	3.715	0.000203348	0.001002543
YDR028C	515.550	0.698	0.213	3.276	0.001051282	0.004100807
YDR081C	370.942	0.699	0.223	3.126	0.001772552	0.006477916
YKL181W	2708.098	0.699	0.172	4.055	5.01E-05	0.000293677
YLR398C	381.880	0.700	0.237	2.954	0.003135698	0.01059126
YPL141C	189.193	0.702	0.294	2.385	0.017098302	0.044382131
YJR143C	1480.418	0.702	0.200	3.510	0.000447278	0.001993688
YDR470C	305.324	0.702	0.232	3.034	0.002410516	0.008429831
YMR203W	1006.287	0.703	0.188	3.747	0.000179173	0.000892254
YJL008C	1312.973	0.704	0.187	3.758	0.000170993	0.000856224
YGL172W	493.364	0.705	0.256	2.755	0.005862055	0.017949243
YER105C	806.952	0.706	0.201	3.509	0.000449834	0.002001798
YGR094W	2509.155	0.706	0.179	3.943	8.05E-05	0.000441764
YIR038C	364.768	0.707	0.230	3.078	0.002084418	0.00746219
YDL208W	545.745	0.709	0.260	2.721	0.0065007	0.019705022
YNL165W	224.031	0.709	0.250	2.835	0.004587233	0.014570897
YPL081W	5257.572	0.711	0.193	3.684	0.000229514	0.001113378
YGL122C	571.898	0.711	0.211	3.376	0.000735814	0.00304854
YER164W	341.951	0.711	0.256	2.775	0.005522395	0.017062944
YKL099C	227.067	0.712	0.253	2.809	0.004965874	0.015600475
YER056C-A	1881.909	0.712	0.206	3.454	0.000551332	0.002381368
YNL172W	217.731	0.713	0.255	2.799	0.005124619	0.016025117
YJL167W	1670.592	0.713	0.178	4.001	6.31E-05	0.000357746
YPL125W	541.255	0.713	0.225	3.173	0.001507255	0.005629433
YPL207W	571.930	0.714	0.220	3.253	0.001141882	0.004410195
YKL112W	352.633	0.714	0.230	3.107	0.001892634	0.006853487
YDL167C	364.614	0.715	0.254	2.816	0.004866776	0.015333445
YKL106W	458.044	0.716	0.211	3.387	0.000705687	0.002945146
YDL103C	561.629	0.716	0.205	3.489	0.000484209	0.002118366
YGR072W	188.086	0.716	0.345	2.077	0.037811399	0.086032799
YBR004C	354.710	0.717	0.235	3.055	0.002252591	0.007949118
YJL190C	4860.525	0.717	0.183	3.915	9.06E-05	0.000488088
YDR301W	254.633	0.718	0.245	2.937	0.003314584	0.011078492

YDR156W	212.376	0.719	0.260	2.768	0.005644872	0.017391464
YPL193W	175.322	0.720	0.276	2.608	0.009094887	0.026223751
YIL142W	1497.729	0.721	0.186	3.868	0.000109933	0.00057928
YHL016C	241.484	0.721	0.255	2.830	0.004654821	0.014751116
YOL022C	400.309	0.722	0.235	3.074	0.002111407	0.007524554
YKL056C	7810.086	0.722	0.182	3.962	7.43E-05	0.000413252
YNL219C	604.302	0.722	0.210	3.437	0.000587293	0.00252068
YGL203C	352.636	0.723	0.224	3.221	0.00127618	0.004867478
YAL027W	149.110	0.724	0.336	2.158	0.030906031	0.072813659
YNL186W	988.219	0.724	0.196	3.697	0.000218137	0.001067715
YGR283C	415.944	0.726	0.219	3.314	0.000919808	0.003675175
YOR211C	316.200	0.727	0.230	3.169	0.001531653	0.00570098
YOR091W	721.762	0.728	0.214	3.402	0.000668157	0.002807911
YMR146C	2004.902	0.728	0.185	3.938	8.23E-05	0.000447616
YML025C	357.773	0.729	0.229	3.178	0.001482544	0.005548572
YDL202W	204.922	0.729	0.269	2.712	0.006678694	0.020132339
YKL004W	656.272	0.730	0.199	3.677	0.000236305	0.001145298
YBL072C	12139.849	0.731	0.208	3.508	0.000452238	0.002010852
YJR076C	567.974	0.731	0.204	3.582	0.000341486	0.001584474
YOR234C	1380.063	0.731	0.235	3.116	0.001832764	0.006662148
YOR101W	409.113	0.732	0.215	3.398	0.000679977	0.002850975
YAL029C	472.219	0.733	0.209	3.506	0.000455618	0.002020924
YJR089W	161.655	0.736	0.282	2.607	0.009120649	0.026284095
YOL056W	186.349	0.739	0.274	2.693	0.007082974	0.02120992
YPL090C	13191.979	0.739	0.201	3.687	0.000227029	0.001102814
YBL017C	582.663	0.739	0.230	3.209	0.001333035	0.005030566
YDR165W	1104.737	0.740	0.193	3.837	0.000124423	0.000644391
YDR172W	1728.897	0.740	0.196	3.772	0.00016205	0.000813693
YJL166W	147.614	0.741	0.294	2.520	0.011742529	0.032397704
YBL067C	282.830	0.741	0.250	2.970	0.002982613	0.010162564
YLR344W	1748.540	0.741	0.189	3.925	8.66E-05	0.000468525
YMR316W	437.279	0.742	0.249	2.982	0.002865479	0.009815901
YBR111W-A	87.909	0.742	0.351	2.116	0.034383923	0.079667564
YOR160W	432.589	0.742	0.214	3.471	0.000518761	0.002253211
YDR144C	735.684	0.743	0.231	3.221	0.001279078	0.004867478
YBR125C	286.425	0.743	0.293	2.534	0.011267128	0.031469257
YER025W	1825.331	0.743	0.192	3.860	0.000113489	0.000596283
YNL302C	4821.463	0.743	0.201	3.703	0.00021288	0.001045747
YKR056W	741.509	0.743	0.225	3.305	0.000948929	0.003769376
YPR080W	49377.965	0.744	0.183	4.060	4.91E-05	0.000288408
YNL062C	628.573	0.744	0.213	3.495	0.000473524	0.002083352
YDR110W	272.156	0.744	0.257	2.900	0.00373079	0.012236452

YNL301C	1691.348	0.745	0.180	4.137	3.53E-05	0.000214435
YPR093C	146.017	0.745	0.316	2.362	0.018195003	0.046848688
YHR065C	691.462	0.746	0.218	3.425	0.00061565	0.002629935
YIL052C	2495.042	0.746	0.186	4.000	6.32E-05	0.000357746
YBR150C	86.661	0.746	0.344	2.171	0.029903945	0.070919168
YNR051C	406.565	0.747	0.237	3.156	0.00159921	0.005911966
YLR138W	367.761	0.748	0.262	2.851	0.004358212	0.013982275
YBR065C	96.898	0.748	0.330	2.267	0.023383134	0.057667793
YBL051C	281.323	0.749	0.237	3.158	0.001590162	0.005886521
YNR012W	354.727	0.750	0.237	3.170	0.001524692	0.005682847
YBL087C	2244.766	0.751	0.222	3.380	0.000725778	0.003019726
YPL177C	747.664	0.751	0.233	3.227	0.001250947	0.0047805
YKL028W	283.946	0.751	0.286	2.627	0.008617097	0.025125882
YPR181C	1115.049	0.752	0.191	3.949	7.85E-05	0.000431637
YLR209C	339.437	0.753	0.228	3.304	0.00095239	0.003780361
YHR023W	229.086	0.753	0.352	2.138	0.032523971	0.076103853
YGL092W	659.619	0.753	0.210	3.580	0.000344247	0.001591851
YNR038W	512.025	0.753	0.232	3.250	0.001154694	0.004456512
YNL142W	121.809	0.755	0.306	2.470	0.013498524	0.036429267
YEL054C	4650.277	0.757	0.189	4.007	6.15E-05	0.00035165
YBR173C	387.200	0.758	0.225	3.375	0.000738738	0.003057275
YMR164C	129.311	0.758	0.308	2.458	0.013982417	0.037604541
YGR001C	412.487	0.759	0.231	3.290	0.00100069	0.003926228
YNL124W	274.957	0.759	0.249	3.044	0.00233228	0.008187822
YDR326C	330.865	0.760	0.248	3.069	0.002146096	0.007627757
YDL205C	289.650	0.762	0.240	3.168	0.001537226	0.005717809
YOR371C	154.321	0.763	0.281	2.714	0.006644996	0.020064125
YJL129C	341.671	0.764	0.254	3.003	0.00267403	0.009238486
YKL057C	871.761	0.764	0.201	3.795	0.000147358	0.000750311
YMR243C	2991.603	0.764	0.176	4.341	1.42E-05	9.45E-05
YHR193C	2883.332	0.764	0.214	3.569	0.000358777	0.001654816
YLR243W	374.038	0.765	0.220	3.475	0.000510751	0.002229106
YPL106C	3221.087	0.765	0.172	4.451	8.54E-06	6.00E-05
YOL127W	8228.789	0.766	0.243	3.151	0.001627265	0.005995213
YDR212W	1199.682	0.766	0.187	4.087	4.36E-05	0.000258784
YML027W	268.823	0.767	0.266	2.887	0.003889328	0.012687562
YNL299W	271.672	0.769	0.243	3.165	0.001550105	0.005757837
YHR027C	820.866	0.770	0.194	3.974	7.08E-05	0.000395917
YOR063W	31827.823	0.770	0.198	3.897	9.75E-05	0.000519092
YNL087W	590.698	0.772	0.201	3.832	0.000127209	0.000658193
YNL083W	216.381	0.772	0.255	3.031	0.002435884	0.008491241
YDR226W	1506.042	0.773	0.185	4.168	3.08E-05	0.000189257

YPR024W	539.945	0.773	0.220	3.512	0.000444914	0.001984778
YML018C	498.461	0.774	0.212	3.648	0.000264618	0.001265604
YBR246W	603.143	0.774	0.218	3.553	0.000381049	0.001738375
YDR529C	277.731	0.775	0.251	3.087	0.002018763	0.007253625
YOL040C	6359.269	0.775	0.174	4.441	8.94E-06	6.22E-05
YGL187C	396.597	0.775	0.239	3.250	0.001155726	0.004457332
YDR141C	398.204	0.775	0.222	3.491	0.00048078	0.002108453
YER117W	3162.856	0.775	0.244	3.172	0.001515627	0.005652935
YKR059W	6489.183	0.775	0.169	4.599	4.24E-06	3.20E-05
YJL013C	143.417	0.775	0.320	2.420	0.015535018	0.040969655
YPL085W	349.402	0.778	0.245	3.173	0.001510753	0.005638623
YDR238C	1132.002	0.778	0.193	4.036	5.44E-05	0.000315809
YJR054W	290.912	0.779	0.235	3.318	0.000905349	0.003624829
YNL023C	300.688	0.781	0.236	3.307	0.000941625	0.003743096
YDL150W	386.679	0.783	0.224	3.490	0.000483182	0.002117011
YOR032C	153.572	0.785	0.292	2.689	0.007166196	0.021435519
YHR170W	875.854	0.788	0.195	4.048	5.17E-05	0.000302039
YPL172C	111.797	0.789	0.319	2.468	0.013572754	0.036575141
YDR389W	200.325	0.789	0.268	2.940	0.003285935	0.010996256
YGR027C	5283.122	0.789	0.255	3.099	0.001944413	0.007016404
YGL049C	305.538	0.789	0.233	3.389	0.000701147	0.002928448
YOR335C	1820.853	0.790	0.179	4.426	9.61E-06	6.64E-05
YLR029C	14211.286	0.790	0.223	3.544	0.000394092	0.001790371
YOR369C	12892.635	0.791	0.256	3.091	0.001991559	0.007162764
YML106W	1414.056	0.791	0.184	4.306	1.66E-05	0.000108994
YOR290C	399.220	0.791	0.237	3.340	0.000836518	0.003392234
YPL082C	592.776	0.792	0.222	3.566	0.000362156	0.001667572
YOR198C	1823.459	0.794	0.178	4.459	8.24E-06	5.82E-05
YDR283C	410.762	0.794	0.215	3.687	0.000227133	0.001102814
YFR032C-A	150.350	0.795	0.314	2.531	0.011369425	0.031657415
YDL055C	4770.247	0.795	0.186	4.274	1.92E-05	0.000124833
YDL191W	3339.186	0.797	0.202	3.950	7.81E-05	0.000430188
YMR054W	375.296	0.798	0.230	3.474	0.000513247	0.002238203
YOR224C	706.427	0.798	0.205	3.894	9.84E-05	0.000523118
YCR077C	660.723	0.799	0.206	3.883	0.000103338	0.000546648
YLR383W	114.727	0.800	0.319	2.509	0.012104663	0.033211483
YPR041W	2297.688	0.801	0.176	4.554	5.26E-06	3.91E-05
YDR539W	458.819	0.802	0.220	3.646	0.000266596	0.001272825
YDL235C	277.260	0.803	0.240	3.345	0.000824137	0.003357044
YML060W	148.404	0.803	0.305	2.631	0.008510742	0.024830619
YMR239C	256.888	0.804	0.273	2.944	0.003237943	0.010867509
YMR298W	325.587	0.804	0.239	3.370	0.000751598	0.003105766

YOR296W	242.932	0.804	0.248	3.246	0.00116836	0.004496491
YGL156W	187.248	0.805	0.279	2.892	0.003829134	0.012506204
YHR206W	449.432	0.807	0.246	3.280	0.001039556	0.004061141
YDL149W	142.532	0.807	0.287	2.812	0.004922376	0.015490672
YER168C	538.276	0.808	0.206	3.922	8.78E-05	0.000474866
YGR084C	283.192	0.809	0.239	3.379	0.000728039	0.003026817
YJL191W	2541.451	0.809	0.213	3.804	0.000142445	0.000728023
YPL079W	5567.082	0.811	0.190	4.277	1.90E-05	0.000123737
YOL098C	717.419	0.813	0.199	4.088	4.35E-05	0.000258529
YFL036W	189.575	0.816	0.274	2.983	0.002855737	0.009791613
YHR089C	846.065	0.817	0.207	3.958	7.57E-05	0.000419408
YFL050C	274.954	0.818	0.244	3.358	0.000786025	0.003228403
YGL135W	20343.562	0.819	0.214	3.830	0.000128062	0.000660949
YML026C	4378.611	0.819	0.209	3.921	8.83E-05	0.000477045
YDR471W	1520.075	0.820	0.207	3.957	7.60E-05	0.000420039
YDL060W	810.151	0.820	0.198	4.149	3.35E-05	0.000203964
YLR060W	2567.983	0.820	0.183	4.475	7.64E-06	5.43E-05
YLR419W	284.399	0.820	0.243	3.369	0.000753073	0.003107892
YPL153C	122.049	0.821	0.321	2.557	0.010567738	0.029853174
YOR243C	590.818	0.822	0.213	3.859	0.00011393	0.000598023
YER172C	328.129	0.822	0.256	3.209	0.001331777	0.005029306
YER145C	898.002	0.822	0.267	3.082	0.002054851	0.007370897
YMR002W	637.745	0.823	0.201	4.099	4.15E-05	0.000248474
YOR027W	1277.410	0.824	0.190	4.342	1.41E-05	9.42E-05
YNL164C	250.854	0.824	0.247	3.337	0.000846426	0.003429855
YPL266W	469.276	0.824	0.212	3.880	0.000104612	0.000552848
YDR500C	2393.071	0.824	0.228	3.616	0.000298769	0.001410335
YER123W	337.656	0.826	0.284	2.905	0.003666863	0.012041306
YML102W	489.952	0.826	0.235	3.516	0.000437401	0.001955287
YKR082W	676.739	0.827	0.196	4.207	2.59E-05	0.000163427
YBL028C	121.041	0.828	0.333	2.489	0.012795736	0.03486133
YGL030W	6305.307	0.829	0.219	3.786	0.00015328	0.000776106
YOR151C	861.075	0.830	0.192	4.327	1.51E-05	0.00010004
YMR280C	90.586	0.831	0.340	2.441	0.014649054	0.039128629
YPL212C	939.560	0.831	0.195	4.266	1.99E-05	0.000127638
YOL115W	532.468	0.832	0.207	4.028	5.63E-05	0.000325173
YJL125C	390.970	0.832	0.217	3.830	0.000128106	0.000660949
YKR099W	268.592	0.832	0.258	3.221	0.001278869	0.004867478
YLR058C	3668.400	0.833	0.230	3.614	0.000301355	0.001421307
YLR430W	432.008	0.834	0.301	2.772	0.005577837	0.017214685
YGR024C	467.115	0.835	0.238	3.505	0.000456569	0.002022182
YGL207W	957.837	0.836	0.194	4.308	1.65E-05	0.000108403

YER156C	886.525	0.837	0.196	4.262	2.03E-05	0.000129608
YML049C	409.639	0.837	0.225	3.724	0.000196268	0.000969398
YKR025W	332.309	0.839	0.250	3.356	0.000789736	0.003236311
YDR429C	1118.665	0.839	0.222	3.772	0.000161878	0.00081358
YMR169C	230.941	0.840	0.249	3.368	0.000757087	0.003121334
YNL281W	587.609	0.840	0.215	3.906	9.39E-05	0.000504273
YEL001C	665.499	0.841	0.205	4.091	4.29E-05	0.000255535
YLR289W	89.981	0.841	0.341	2.470	0.013527233	0.036470548
YHR141C	3383.752	0.843	0.260	3.237	0.001207481	0.004633931
YJR045C	2519.873	0.843	0.201	4.186	2.84E-05	0.000176892
YDR449C	729.021	0.844	0.200	4.224	2.40E-05	0.000151802
YDR006C	428.406	0.844	0.217	3.888	0.000101002	0.000536377
YOL109W	670.511	0.845	0.212	3.986	6.71E-05	0.0003768
YDR452W	749.694	0.846	0.232	3.647	0.000264939	0.001266028
YDR514C	238.513	0.846	0.246	3.434	0.000595839	0.002551319
YIL130W	240.497	0.847	0.249	3.401	0.000671231	0.002818653
YML022W	1227.613	0.848	0.199	4.263	2.02E-05	0.000129219
YLR192C	1268.080	0.850	0.185	4.605	4.12E-06	3.12E-05
YOR217W	466.190	0.851	0.212	4.022	5.78E-05	0.000332392
YOR313C	85.602	0.852	0.354	2.407	0.016072264	0.042161965
YFR031C-A	9209.338	0.854	0.211	4.050	5.11E-05	0.00029907
YIR010W	167.877	0.858	0.273	3.148	0.001641925	0.006041127
YGL253W	1653.221	0.859	0.178	4.824	1.41E-06	1.20E-05
YJR070C	1372.211	0.859	0.181	4.751	2.02E-06	1.66E-05
YER006W	1199.164	0.860	0.192	4.478	7.52E-06	5.37E-05
YMR166C	143.101	0.861	0.299	2.875	0.004035476	0.013109271
YLR050C	149.549	0.862	0.290	2.967	0.003009966	0.01023012
YGL241W	415.579	0.864	0.218	3.963	7.39E-05	0.000411109
YOL130W	786.220	0.864	0.222	3.885	0.00010219	0.000542154
YHR148W	177.911	0.866	0.269	3.215	0.001306204	0.004953374
YNL209W	14385.068	0.867	0.165	5.242	1.59E-07	1.63E-06
YGR090W	1054.404	0.868	0.186	4.679	2.89E-06	2.27E-05
YHR155W	300.500	0.870	0.243	3.580	0.000343051	0.001589021
YER165W	4988.008	0.872	0.170	5.133	2.85E-07	2.77E-06
YLR168C	140.298	0.874	0.305	2.863	0.004193308	0.013557199
YHR088W	331.878	0.875	0.235	3.729	0.00019236	0.0009553
YGL094C	269.557	0.877	0.246	3.570	0.000356739	0.001646812
YBR274W	339.206	0.877	0.248	3.533	0.00041071	0.001848873
YCR092C	440.558	0.877	0.213	4.123	3.74E-05	0.000225812
YGL086W	165.775	0.877	0.288	3.040	0.002362761	0.008284137
YMR108W	1637.211	0.877	0.206	4.269	1.97E-05	0.000127179
YHR128W	944.332	0.880	0.196	4.478	7.54E-06	5.38E-05

YKR048C	1615.707	0.883	0.179	4.927	8.36E-07	7.44E-06
YOR158W	253.076	0.884	0.241	3.661	0.000250981	0.001205682
YDR412W	187.011	0.886	0.295	3.004	0.002664935	0.009212917
YDR213W	202.990	0.886	0.268	3.308	0.000938134	0.003737417
YPR144C	892.172	0.888	0.210	4.229	2.35E-05	0.000148896
YHR137W	1953.517	0.888	0.231	3.846	0.000119978	0.000626143
YPL032C	617.335	0.888	0.204	4.346	1.39E-05	9.28E-05
YER033C	185.040	0.889	0.271	3.276	0.001053787	0.004104939
YER081W	1030.187	0.891	0.222	4.019	5.85E-05	0.000336031
YDR270W	137.464	0.893	0.292	3.059	0.002218247	0.00784613
YHR196W	1061.256	0.894	0.193	4.624	3.76E-06	2.86E-05
YAL024C	185.042	0.894	0.266	3.363	0.000770328	0.003171116
YDL166C	215.078	0.894	0.277	3.221	0.001276416	0.004867478
YLL049W	198.936	0.894	0.308	2.906	0.003659655	0.012032168
YKL073W	429.801	0.894	0.213	4.194	2.74E-05	0.000171261
YIL156W	128.996	0.895	0.301	2.977	0.002907676	0.009938368
YKL020C	351.909	0.897	0.224	3.998	6.38E-05	0.000360194
YLR413W	2738.144	0.897	0.216	4.162	3.15E-05	0.0001934
YDL160C	180.876	0.898	0.270	3.327	0.000877725	0.003546114
YPL137C	499.624	0.900	0.219	4.111	3.94E-05	0.000237033
YOR360C	1025.437	0.900	0.201	4.488	7.18E-06	5.14E-05
YJL026W	2388.620	0.901	0.179	5.031	4.88E-07	4.52E-06
YHR047C	1269.313	0.902	0.184	4.889	1.02E-06	8.96E-06
YDL229W	17531.752	0.902	0.166	5.420	5.98E-08	6.94E-07
YLR216C	1623.716	0.902	0.193	4.685	2.80E-06	2.21E-05
YHL039W	624.839	0.902	0.204	4.429	9.46E-06	6.54E-05
YDL122W	798.707	0.903	0.198	4.570	4.88E-06	3.64E-05
YPR191W	524.887	0.903	0.217	4.168	3.07E-05	0.000189185
YOR319W	237.523	0.905	0.267	3.390	0.000699072	0.002922025
YKR023W	193.946	0.906	0.292	3.106	0.001894281	0.006853692
YGR057C	191.715	0.908	0.276	3.288	0.001008011	0.003949253
YOR095C	816.796	0.909	0.201	4.514	6.36E-06	4.60E-05
YCR016W	272.898	0.909	0.300	3.032	0.002430422	0.008477636
YOR359W	377.171	0.909	0.236	3.847	0.00011963	0.000624924
YGL066W	177.548	0.911	0.272	3.342	0.000831734	0.003377873
YKL182W	2360.394	0.911	0.235	3.872	0.000107781	0.000569041
YPR020W	125.880	0.912	0.310	2.944	0.00324285	0.010872145
YHR169W	497.479	0.913	0.219	4.166	3.10E-05	0.000190495
YBR029C	463.697	0.913	0.223	4.093	4.25E-05	0.000253756
YBR257W	179.114	0.914	0.268	3.414	0.00064079	0.002709655
YFL054C	109.203	0.914	0.316	2.894	0.003806226	0.012453824
YGR204W	1796.097	0.918	0.186	4.927	8.34E-07	7.44E-06

YPR102C	6129.250	0.919	0.243	3.784	0.000154376	0.000780422
YML017W	170.485	0.919	0.287	3.204	0.001357577	0.005116082
YDR359C	212.639	0.921	0.254	3.624	0.000289524	0.001372371
YPL105C	956.459	0.921	0.201	4.590	4.43E-06	3.32E-05
YOL020W	458.036	0.921	0.211	4.356	1.32E-05	8.90E-05
YFL022C	2453.515	0.922	0.194	4.742	2.12E-06	1.72E-05
YGR218W	995.455	0.924	0.188	4.913	8.96E-07	7.96E-06
YOL076W	443.568	0.924	0.229	4.031	5.55E-05	0.000321868
YDR214W	957.470	0.925	0.197	4.695	2.66E-06	2.13E-05
YCR047C	206.362	0.925	0.278	3.324	0.000888844	0.003577745
YKL165C	374.416	0.925	0.227	4.082	4.46E-05	0.00026367
YOL121C	2664.057	0.927	0.237	3.912	9.15E-05	0.000492064
YNL163C	680.533	0.927	0.206	4.504	6.66E-06	4.79E-05
YMR293C	172.001	0.928	0.290	3.200	0.001374362	0.005172168
YKL125W	644.494	0.929	0.199	4.663	3.12E-06	2.42E-05
YNL298W	379.399	0.929	0.235	3.954	7.67E-05	0.000423106
YCL014W	206.148	0.930	0.273	3.409	0.000650939	0.0027457
YOL139C	1858.740	0.931	0.183	5.095	3.48E-07	3.34E-06
YML081W	350.925	0.932	0.224	4.165	3.12E-05	0.000191346
YIL030C	649.684	0.933	0.199	4.683	2.83E-06	2.23E-05
YDR045C	119.942	0.933	0.327	2.855	0.004299336	0.013842385
YML125C	946.851	0.933	0.200	4.660	3.16E-06	2.45E-05
YOR098C	650.665	0.933	0.220	4.248	2.16E-05	0.000137504
YER110C	1459.448	0.933	0.192	4.872	1.10E-06	9.64E-06
YMR009W	177.386	0.934	0.283	3.295	0.000983266	0.003874638
YOR326W	607.540	0.936	0.239	3.919	8.88E-05	0.000479178
YBL076C	3314.955	0.937	0.182	5.140	2.74E-07	2.68E-06
YML113W	254.777	0.937	0.264	3.555	0.000378315	0.001728806
YDL126C	2396.281	0.939	0.174	5.389	7.10E-08	8.01E-07
YGR047C	207.522	0.940	0.275	3.415	0.000638494	0.002702046
YNL156C	525.501	0.941	0.209	4.490	7.11E-06	5.10E-05
YMR207C	143.198	0.942	0.307	3.064	0.002181072	0.007736901
YDR044W	260.670	0.943	0.249	3.784	0.000154563	0.000780422
YOR001W	848.712	0.944	0.225	4.200	2.67E-05	0.00016739
YDR109C	210.589	0.944	0.284	3.323	0.000891699	0.003583931
YDR309C	217.970	0.944	0.280	3.377	0.000731729	0.003037512
YER029C	140.846	0.945	0.387	2.439	0.014726784	0.039314801
YDL003W	391.841	0.945	0.246	3.837	0.000124375	0.000644391
YOL124C	330.049	0.948	0.235	4.039	5.37E-05	0.000312744
YDL116W	817.155	0.949	0.191	4.961	7.00E-07	6.36E-06
YMR080C	716.007	0.950	0.196	4.850	1.24E-06	1.08E-05
YJL010C	445.162	0.950	0.228	4.176	2.97E-05	0.000183852

YHR042W	1332.864	0.950	0.206	4.624	3.77E-06	2.86E-05
YOL010W	566.934	0.951	0.202	4.700	2.60E-06	2.09E-05
YHR064C	3671.023	0.952	0.172	5.537	3.08E-08	3.90E-07
YJL197W	263.534	0.952	0.241	3.945	7.97E-05	0.000437755
YHR190W	1455.201	0.953	0.191	4.993	5.93E-07	5.44E-06
YOR294W	251.084	0.953	0.277	3.439	0.000582934	0.002503946
YEL031W	1297.714	0.955	0.189	5.050	4.42E-07	4.14E-06
YLR074C	301.385	0.955	0.260	3.672	0.000240207	0.001161107
YER131W	2336.754	0.958	0.225	4.266	1.99E-05	0.000127858
YLR372W	2515.437	0.958	0.174	5.493	3.96E-08	4.89E-07
YNL227C	222.820	0.958	0.304	3.156	0.001599125	0.005911966
YGR098C	234.275	0.959	0.249	3.851	0.000117868	0.000617502
YOR167C	702.395	0.960	0.215	4.463	8.09E-06	5.72E-05
YHL043W	143.722	0.961	0.305	3.151	0.001628064	0.005995213
YJL074C	130.466	0.961	0.310	3.098	0.00194737	0.007022413
YDR341C	2230.278	0.962	0.189	5.103	3.34E-07	3.22E-06
YDR377W	182.456	0.963	0.287	3.352	0.000802083	0.003284431
YGR187C	556.301	0.964	0.213	4.524	6.08E-06	4.43E-05
YHR077C	539.963	0.965	0.212	4.553	5.28E-06	3.92E-05
YBR023C	730.946	0.965	0.195	4.947	7.54E-07	6.80E-06
YGR155W	3630.654	0.965	0.174	5.558	2.73E-08	3.48E-07
YNL010W	1611.595	0.966	0.222	4.343	1.40E-05	9.38E-05
YGR208W	452.028	0.966	0.239	4.035	5.46E-05	0.000317098
YGR188C	115.626	0.968	0.317	3.057	0.002238986	0.007906239
YMR015C	1632.541	0.970	0.199	4.878	1.07E-06	9.39E-06
YNL207W	563.464	0.971	0.204	4.769	1.85E-06	1.53E-05
YMR093W	884.784	0.973	0.202	4.807	1.53E-06	1.28E-05
YNL273W	228.147	0.974	0.250	3.901	9.57E-05	0.000511827
YFL016C	272.940	0.976	0.251	3.884	0.000102931	0.000545022
YPR074C	4304.140	0.977	0.169	5.773	7.80E-09	1.11E-07
YLR325C	2230.329	0.977	0.227	4.299	1.72E-05	0.000112746
YGL255W	414.467	0.979	0.223	4.390	1.13E-05	7.73E-05
YGR281W	354.182	0.979	0.287	3.416	0.000634668	0.002694244
YDR430C	527.765	0.981	0.226	4.345	1.39E-05	9.32E-05
YLR401C	688.909	0.981	0.203	4.833	1.34E-06	1.15E-05
YLR395C	53.375	0.982	0.442	2.221	0.026319559	0.063753123
YJR132W	684.846	0.983	0.199	4.944	7.64E-07	6.86E-06
YAL049C	423.228	0.985	0.225	4.369	1.25E-05	8.46E-05
YPR016C	1173.364	0.986	0.189	5.205	1.94E-07	1.94E-06
YLR051C	246.333	0.987	0.299	3.297	0.000976996	0.003858317
YDR409W	174.007	0.987	0.274	3.599	0.000319273	0.001496732
YDR365C	638.570	0.988	0.283	3.495	0.000473936	0.002083481

YDL014W	2399.799	0.989	0.177	5.578	2.43E-08	3.13E-07
YKL021C	565.929	0.989	0.222	4.457	8.33E-06	5.87E-05
YKL016C	404.769	0.989	0.218	4.544	5.52E-06	4.07E-05
YIL019W	234.051	0.990	0.264	3.755	0.000173377	0.000864975
YHR020W	2513.526	0.990	0.173	5.717	1.08E-08	1.49E-07
YIL064W	208.658	0.991	0.292	3.394	0.000687984	0.002882323
YDR488C	77.502	0.993	0.364	2.725	0.006434437	0.019515042
YPR137W	650.516	0.994	0.204	4.860	1.18E-06	1.03E-05
YNL221C	502.663	0.994	0.209	4.754	1.99E-06	1.64E-05
YDR052C	415.897	0.995	0.226	4.399	1.09E-05	7.44E-05
YBR135W	95.410	0.995	0.338	2.948	0.00319945	0.010773133
YDR035W	961.159	0.997	0.191	5.212	1.87E-07	1.87E-06
YDR083W	395.842	0.997	0.268	3.725	0.000194939	0.000964059
YJR131W	371.878	0.998	0.221	4.527	5.98E-06	4.37E-05
YOL009C	142.873	0.999	0.288	3.472	0.000516556	0.00224816
YGR200C	946.733	0.999	0.213	4.693	2.69E-06	2.14E-05
YGL014W	510.989	1.001	0.244	4.099	4.15E-05	0.000248474
YDL213C	265.533	1.001	0.280	3.582	0.000340905	0.001583128
YMR307W	5267.266	1.001	0.169	5.912	3.37E-09	5.11E-08
YDR049W	336.543	1.002	0.230	4.363	1.29E-05	8.68E-05
YGL236C	120.483	1.005	0.312	3.224	0.001263729	0.004825953
YHL007C	501.461	1.007	0.220	4.566	4.98E-06	3.70E-05
YDR060W	995.955	1.007	0.202	4.995	5.87E-07	5.39E-06
YBR045C	113.333	1.010	0.325	3.103	0.001913864	0.006915345
YFL031W	2372.559	1.010	0.273	3.702	0.000213881	0.001049714
YGL139W	248.988	1.012	0.262	3.862	0.000112541	0.000592448
YPR182W	46.709	1.013	0.464	2.185	0.02887144	0.068788926
YDR299W	522.960	1.014	0.220	4.619	3.86E-06	2.93E-05
YMR234W	284.623	1.016	0.238	4.262	2.03E-05	0.00012973
YDR334W	174.637	1.016	0.312	3.255	0.001133828	0.004382202
YDR325W	300.615	1.016	0.260	3.903	9.49E-05	0.000508399
YLR134W	412.799	1.017	0.229	4.438	9.08E-06	6.30E-05
YIL078W	3748.790	1.019	0.172	5.908	3.47E-09	5.24E-08
YNL238W	561.072	1.019	0.208	4.900	9.61E-07	8.52E-06
YOL006C	443.335	1.019	0.255	3.997	6.42E-05	0.000361922
YJL050W	703.415	1.020	0.206	4.955	7.24E-07	6.57E-06
YDR127W	810.729	1.020	0.199	5.137	2.80E-07	2.72E-06
YDL081C	6228.324	1.021	0.231	4.411	1.03E-05	7.11E-05
YMR008C	794.221	1.022	0.220	4.645	3.41E-06	2.60E-05
YNL151C	208.173	1.023	0.260	3.941	8.10E-05	0.000443656
YMR096W	93.583	1.023	0.361	2.836	0.004574814	0.014539942
YKL027W	671.916	1.026	0.212	4.838	1.31E-06	1.13E-05

YJL076W	559.930	1.027	0.213	4.820	1.43E-06	1.22E-05
YBR073W	170.113	1.027	0.273	3.758	0.000171591	0.000858427
YIR026C	399.938	1.027	0.217	4.734	2.20E-06	1.78E-05
YGR162W	1873.158	1.028	0.187	5.504	3.70E-08	4.61E-07
YBR262C	66.785	1.029	0.423	2.435	0.014884628	0.039619484
YKR079C	474.354	1.030	0.220	4.686	2.79E-06	2.21E-05
YMR014W	386.510	1.032	0.277	3.726	0.000194492	0.000963452
YLR009W	493.179	1.033	0.228	4.537	5.71E-06	4.19E-05
YBL018C	79.485	1.034	0.394	2.623	0.008721312	0.025368364
YDR496C	1134.361	1.034	0.189	5.464	4.65E-08	5.62E-07
YGL035C	186.192	1.035	0.285	3.631	0.000282053	0.001340158
YML043C	181.400	1.035	0.288	3.597	0.00032217	0.001509012
YNL267W	516.958	1.036	0.216	4.785	1.71E-06	1.42E-05
YDL051W	897.131	1.037	0.198	5.223	1.76E-07	1.78E-06
YGL167C	949.119	1.037	0.188	5.510	3.59E-08	4.49E-07
YBL081W	338.019	1.038	0.226	4.598	4.27E-06	3.22E-05
YOR206W	1176.635	1.039	0.198	5.239	1.62E-07	1.65E-06
YNL248C	1105.348	1.039	0.205	5.062	4.14E-07	3.89E-06
YGL111W	583.818	1.039	0.216	4.811	1.50E-06	1.27E-05
YGR102C	125.217	1.040	0.304	3.424	0.000618152	0.00263833
YGL171W	473.525	1.040	0.216	4.807	1.53E-06	1.28E-05
YKL054C	1061.133	1.041	0.192	5.428	5.69E-08	6.68E-07
YKL082C	449.267	1.043	0.318	3.278	0.001045981	0.004083308
YIL047C	856.474	1.045	0.197	5.316	1.06E-07	1.14E-06
YBR298C	159.881	1.046	0.286	3.655	0.000257549	0.001236146
YDR538W	207.154	1.047	0.266	3.940	8.14E-05	0.000445377
YNL052W	258.714	1.048	0.257	4.070	4.70E-05	0.000276863
YDL171C	585.955	1.049	0.292	3.595	0.000324789	0.00151866
YGR118W	4091.625	1.049	0.205	5.113	3.17E-07	3.07E-06
YGL184C	83.468	1.049	0.380	2.761	0.005768507	0.017702674
YKL205W	1130.946	1.050	0.192	5.467	4.57E-08	5.56E-07
YHL013C	229.047	1.051	0.300	3.505	0.000456646	0.002022182
YIL108W	381.500	1.052	0.221	4.752	2.02E-06	1.66E-05
YGR078C	379.643	1.052	0.235	4.475	7.64E-06	5.43E-05
YBR017C	1046.661	1.053	0.192	5.478	4.30E-08	5.28E-07
YGR076C	114.015	1.053	0.342	3.081	0.002060444	0.00738122
YDR507C	400.507	1.053	0.297	3.548	0.000388806	0.001769312
YDR382W	5467.860	1.053	0.248	4.245	2.19E-05	0.000139042
YPL231W	2996.329	1.054	0.254	4.150	3.33E-05	0.000203053
YOR251C	507.234	1.054	0.207	5.091	3.55E-07	3.40E-06
YGL076C	13621.848	1.055	0.168	6.276	3.48E-10	6.21E-09
YKL143W	389.397	1.055	0.241	4.376	1.21E-05	8.18E-05

YEL026W	1379.262	1.056	0.183	5.755	8.68E-09	1.22E-07
YPL183C	1215.643	1.056	0.199	5.302	1.15E-07	1.22E-06
YJR003C	597.057	1.057	0.215	4.927	8.36E-07	7.44E-06
YOR004W	401.457	1.057	0.226	4.680	2.87E-06	2.26E-05
YBL014C	351.615	1.059	0.237	4.467	7.94E-06	5.63E-05
YJL186W	841.430	1.060	0.198	5.357	8.46E-08	9.33E-07
YKR092C	1144.391	1.061	0.200	5.303	1.14E-07	1.22E-06
YDR047W	786.913	1.062	0.193	5.509	3.60E-08	4.50E-07
YJL069C	863.560	1.062	0.194	5.460	4.77E-08	5.73E-07
YGR157W	1074.979	1.062	0.205	5.174	2.30E-07	2.28E-06
YHR165C	584.839	1.062	0.207	5.139	2.77E-07	2.70E-06
YMR134W	254.399	1.063	0.249	4.271	1.95E-05	0.000126433
YIL133C	4602.637	1.067	0.210	5.067	4.04E-07	3.82E-06
YLR044C	77450.117	1.067	0.165	6.479	9.22E-11	1.82E-09
YNL292W	383.074	1.069	0.220	4.861	1.17E-06	1.02E-05
YLR014C	241.754	1.069	0.246	4.336	1.45E-05	9.64E-05
YLR003C	583.827	1.071	0.214	5.009	5.47E-07	5.03E-06
YLR186W	705.448	1.072	0.213	5.023	5.10E-07	4.70E-06
YML091C	316.225	1.073	0.243	4.414	1.02E-05	7.01E-05
YGR123C	418.877	1.074	0.220	4.875	1.09E-06	9.55E-06
YER075C	248.426	1.076	0.259	4.158	3.21E-05	0.000195967
YNL256W	657.887	1.078	0.204	5.295	1.19E-07	1.26E-06
YBR239C	168.438	1.079	0.277	3.898	9.68E-05	0.000516667
YEL019C	73.381	1.080	0.379	2.847	0.004408114	0.01408421
YGR054W	1246.192	1.080	0.198	5.469	4.53E-08	5.53E-07
YIL110W	449.321	1.085	0.211	5.130	2.90E-07	2.81E-06
YCR093W	455.051	1.085	0.214	5.061	4.16E-07	3.91E-06
YBR154C	649.054	1.089	0.208	5.227	1.72E-07	1.74E-06
YDR188W	1050.485	1.089	0.188	5.807	6.37E-09	9.18E-08
YDR324C	837.875	1.091	0.212	5.137	2.80E-07	2.72E-06
YML103C	894.338	1.092	0.191	5.724	1.04E-08	1.44E-07
YNR053C	1257.805	1.093	0.200	5.465	4.64E-08	5.62E-07
YJR041C	581.313	1.096	0.206	5.315	1.07E-07	1.15E-06
YLR259C	1607.883	1.099	0.178	6.161	7.24E-10	1.23E-08
YNL270C	97.879	1.102	0.346	3.187	0.001436081	0.0053858
YJL098W	398.089	1.103	0.248	4.447	8.70E-06	6.07E-05
YMR266W	598.645	1.103	0.217	5.088	3.62E-07	3.45E-06
YPL016W	168.793	1.105	0.278	3.979	6.93E-05	0.000388063
YHR197W	749.389	1.107	0.212	5.219	1.80E-07	1.81E-06
YJL080C	1445.516	1.108	0.184	6.030	1.64E-09	2.58E-08
YMR129W	670.593	1.110	0.211	5.254	1.49E-07	1.53E-06
YOL061W	1209.378	1.111	0.192	5.799	6.66E-09	9.55E-08

YPL036W	152.096	1.111	0.283	3.927	8.61E-05	0.000466398
YPL211W	402.219	1.112	0.238	4.669	3.03E-06	2.37E-05
YOL021C	836.373	1.114	0.207	5.387	7.17E-08	8.08E-07
YHR032W	690.430	1.114	0.208	5.357	8.46E-08	9.33E-07
YHR082C	303.838	1.116	0.238	4.693	2.70E-06	2.14E-05
YBL101C	255.956	1.118	0.246	4.551	5.34E-06	3.96E-05
YLL034C	388.348	1.119	0.226	4.949	7.46E-07	6.75E-06
YGL117W	135.776	1.119	0.307	3.648	0.000264325	0.001265604
YOR334W	151.624	1.121	0.308	3.641	0.000272093	0.001295657
YMR208W	679.752	1.124	0.213	5.268	1.38E-07	1.44E-06
YOL084W	35.092	1.125	0.527	2.135	0.032724966	0.076508325
YIL009W	617.577	1.125	0.207	5.441	5.29E-08	6.27E-07
YCL005W-A	52.704	1.125	0.482	2.336	0.019514663	0.049681994
YLR175W	2868.643	1.128	0.227	4.977	6.45E-07	5.89E-06
YGR240C	2523.520	1.129	0.175	6.453	1.10E-10	2.12E-09
YDL231C	524.259	1.129	0.222	5.097	3.44E-07	3.32E-06
YOL125W	446.730	1.130	0.212	5.319	1.04E-07	1.13E-06
YGR128C	1098.321	1.132	0.207	5.479	4.28E-08	5.27E-07
YHR192W	314.630	1.133	0.272	4.168	3.07E-05	0.000189206
YBR033W	149.950	1.134	0.284	3.989	6.62E-05	0.000372359
YEL003W	123.940	1.136	0.305	3.731	0.000190734	0.00094809
YPL072W	144.376	1.140	0.287	3.964	7.36E-05	0.000409836
YBL024W	1120.757	1.142	0.186	6.150	7.75E-10	1.31E-08
YOR056C	659.902	1.142	0.210	5.434	5.50E-08	6.48E-07
YNL220W	1187.791	1.143	0.199	5.742	9.34E-09	1.30E-07
YAL067C	60.881	1.146	0.400	2.868	0.0041292	0.013381759
YHR039C	1195.213	1.149	0.196	5.866	4.46E-09	6.59E-08
YER183C	239.206	1.150	0.302	3.809	0.000139716	0.000714747
YIL020C-A	179.199	1.150	0.321	3.586	0.000336021	0.001562762
YGR158C	330.138	1.151	0.239	4.827	1.39E-06	1.18E-05
YER002W	268.658	1.152	0.276	4.182	2.90E-05	0.000180346
YJR064W	1841.234	1.154	0.192	6.002	1.95E-09	3.03E-08
YPR112C	490.654	1.155	0.242	4.780	1.75E-06	1.45E-05
YDR143C	412.951	1.157	0.221	5.244	1.57E-07	1.61E-06
YBR242W	271.512	1.157	0.245	4.712	2.46E-06	1.98E-05
YJL096W	125.725	1.157	0.313	3.698	0.000216915	0.001063648
YLL011W	412.212	1.159	0.224	5.163	2.43E-07	2.39E-06
YNL191W	222.028	1.159	0.282	4.111	3.95E-05	0.000237214
YOR340C	723.430	1.159	0.207	5.598	2.17E-08	2.81E-07
YAL011W	190.853	1.160	0.324	3.581	0.00034207	0.001585829
YNR024W	116.501	1.160	0.340	3.418	0.000630349	0.00268009
YFR032C	31.620	1.163	0.548	2.122	0.033833034	0.078692918

YBR148W	55.706	1.163	0.418	2.782	0.005410624	0.016774787
YOR210W	53.260	1.166	0.438	2.661	0.007798834	0.02309916
YLR094C	194.744	1.166	0.262	4.456	8.37E-06	5.89E-05
YDR021W	307.198	1.166	0.257	4.543	5.54E-06	4.08E-05
YGR183C	100.226	1.167	0.359	3.248	0.001163865	0.004482364
YHR072W	973.812	1.169	0.191	6.113	9.76E-10	1.61E-08
YLR397C	611.533	1.173	0.205	5.717	1.08E-08	1.49E-07
YNL123W	810.348	1.174	0.194	6.043	1.51E-09	2.39E-08
YIL096C	169.172	1.174	0.287	4.093	4.26E-05	0.000253756
YMR308C	1832.659	1.176	0.193	6.086	1.16E-09	1.87E-08
YKL201C	360.617	1.177	0.224	5.260	1.44E-07	1.50E-06
YKL184W	462.421	1.177	0.219	5.374	7.69E-08	8.61E-07
YBL098W	300.956	1.178	0.233	5.047	4.49E-07	4.19E-06
YLR384C	727.963	1.179	0.218	5.414	6.16E-08	7.08E-07
YOR078W	244.495	1.182	0.271	4.362	1.29E-05	8.71E-05
YHR205W	637.675	1.182	0.204	5.803	6.50E-09	9.35E-08
YDR361C	431.004	1.182	0.225	5.257	1.47E-07	1.52E-06
YNL022C	515.923	1.182	0.216	5.468	4.56E-08	5.56E-07
YBR261C	268.895	1.183	0.282	4.203	2.64E-05	0.000165835
YNR016C	1847.065	1.185	0.248	4.773	1.82E-06	1.50E-05
YMR079W	763.904	1.188	0.194	6.124	9.10E-10	1.51E-08
YOR147W	264.609	1.188	0.247	4.808	1.52E-06	1.28E-05
YGL016W	574.089	1.189	0.206	5.772	7.84E-09	1.11E-07
YIR012W	735.121	1.191	0.215	5.535	3.12E-08	3.93E-07
YLR105C	237.719	1.193	0.257	4.635	3.57E-06	2.72E-05
YDR395W	1546.323	1.194	0.181	6.610	3.85E-11	8.03E-10
YNL244C	1005.885	1.197	0.203	5.894	3.78E-09	5.66E-08
YJR069C	280.088	1.199	0.255	4.696	2.66E-06	2.12E-05
YLR382C	214.899	1.200	0.255	4.700	2.60E-06	2.09E-05
YPR186C	160.888	1.201	0.278	4.320	1.56E-05	0.000103142
YOR195W	89.438	1.203	0.355	3.393	0.000690489	0.002888952
YMR306W	175.338	1.203	0.271	4.432	9.32E-06	6.45E-05
YPL273W	1787.594	1.205	0.178	6.784	1.17E-11	2.66E-10
YJR002W	688.215	1.207	0.223	5.415	6.14E-08	7.07E-07
YGL195W	1191.123	1.209	0.221	5.463	4.68E-08	5.64E-07
YOR065W	456.489	1.212	0.213	5.680	1.34E-08	1.81E-07
YPL158C	843.070	1.213	0.216	5.621	1.90E-08	2.49E-07
YPL117C	983.950	1.215	0.189	6.431	1.26E-10	2.43E-09
YMR049C	956.306	1.218	0.205	5.931	3.01E-09	4.61E-08
YOR382W	119.776	1.218	0.345	3.526	0.000421607	0.001893226
YKL101W	450.002	1.220	0.214	5.708	1.14E-08	1.56E-07
YKR093W	785.265	1.222	0.225	5.425	5.79E-08	6.76E-07

YOL090W	442.099	1.222	0.217	5.629	1.81E-08	2.39E-07
YDL086W	686.376	1.226	0.228	5.386	7.22E-08	8.11E-07
YER049W	927.122	1.227	0.193	6.359	2.04E-10	3.74E-09
YBL042C	495.422	1.227	0.214	5.744	9.27E-09	1.29E-07
YIL114C	410.686	1.228	0.232	5.297	1.18E-07	1.26E-06
YIL149C	168.119	1.228	0.400	3.068	0.002157775	0.00766426
YJL025W	157.066	1.229	0.314	3.913	9.10E-05	0.000489962
YOR066W	276.580	1.232	0.287	4.296	1.74E-05	0.000113712
YGR126W	51.442	1.236	0.447	2.765	0.005696028	0.017519795
YNL002C	1042.760	1.237	0.234	5.287	1.25E-07	1.31E-06
YLR222C	763.638	1.239	0.196	6.310	2.80E-10	5.07E-09
YHR143W-A	133.980	1.239	0.318	3.897	9.75E-05	0.000519092
YOR159C	67.538	1.243	0.424	2.930	0.003392899	0.011298581
YOR207C	793.825	1.247	0.197	6.333	2.40E-10	4.38E-09
YOL144W	324.278	1.247	0.259	4.811	1.50E-06	1.27E-05
YGR171C	253.583	1.248	0.257	4.846	1.26E-06	1.09E-05
YAL019W	302.582	1.248	0.233	5.345	9.06E-08	9.98E-07
YNL313C	685.786	1.249	0.202	6.188	6.10E-10	1.05E-08
YCR087C-A	180.761	1.251	0.293	4.268	1.97E-05	0.000127286
YLR452C	191.497	1.251	0.269	4.655	3.23E-06	2.49E-05
YHR149C	407.388	1.252	0.239	5.235	1.65E-07	1.68E-06
YDR356W	112.542	1.254	0.392	3.202	0.001365092	0.005140837
YOR265W	79.000	1.255	0.384	3.267	0.001088271	0.004230179
YDL239C	133.897	1.262	0.305	4.133	3.58E-05	0.000217432
YDL218W	38.857	1.263	0.487	2.596	0.009436201	0.027064377
YIL091C	719.247	1.264	0.203	6.237	4.47E-10	7.81E-09
YKL050C	71.211	1.264	0.381	3.316	0.000913241	0.003651622
YHR035W	213.780	1.270	0.257	4.948	7.48E-07	6.76E-06
YNR015W	412.770	1.273	0.218	5.848	4.99E-09	7.27E-08
YJL034W	3697.795	1.274	0.183	6.978	2.99E-12	7.43E-11
YCL059C	560.838	1.276	0.237	5.391	7.00E-08	7.91E-07
YKR060W	273.980	1.277	0.247	5.159	2.48E-07	2.44E-06
YLR276C	852.341	1.277	0.213	6.006	1.90E-09	2.96E-08
YNL182C	887.892	1.278	0.211	6.059	1.37E-09	2.17E-08
YBR034C	867.906	1.281	0.195	6.570	5.03E-11	1.03E-09
YLR223C	268.837	1.282	0.345	3.715	0.000203244	0.001002543
YGL178W	234.857	1.283	0.252	5.089	3.60E-07	3.44E-06
YAL021C	374.402	1.285	0.226	5.689	1.28E-08	1.73E-07
YGL029W	82.911	1.287	0.445	2.893	0.00382097	0.012487042
YDR087C	468.114	1.287	0.236	5.456	4.86E-08	5.81E-07
YDR464W	270.072	1.290	0.356	3.624	0.000289717	0.001372371
YCR072C	766.975	1.290	0.201	6.402	1.53E-10	2.87E-09

YJL039C	666.063	1.290	0.200	6.455	1.08E-10	2.10E-09
YOR172W	199.755	1.295	0.279	4.645	3.40E-06	2.60E-05
YLR129W	990.900	1.296	0.190	6.837	8.09E-12	1.92E-10
YNL110C	390.457	1.296	0.238	5.454	4.92E-08	5.85E-07
YOL058W	576.661	1.298	0.214	6.080	1.20E-09	1.93E-08
YBR088C	587.392	1.301	0.241	5.392	6.96E-08	7.90E-07
YER127W	426.430	1.302	0.258	5.046	4.51E-07	4.20E-06
YJR077C	952.823	1.302	0.189	6.884	5.82E-12	1.41E-10
YGL163C	327.714	1.302	0.238	5.466	4.61E-08	5.59E-07
YGR176W	54.299	1.303	0.436	2.989	0.002798547	0.00961604
YOL077C	996.106	1.304	0.205	6.359	2.03E-10	3.74E-09
YGR049W	205.180	1.308	0.268	4.883	1.04E-06	9.19E-06
YLR355C	3764.853	1.315	0.171	7.702	1.34E-14	4.43E-13
YLR047C	286.296	1.316	0.248	5.296	1.18E-07	1.26E-06
YGR060W	2807.775	1.318	0.175	7.521	5.45E-14	1.65E-12
YKL014C	556.178	1.318	0.222	5.937	2.91E-09	4.46E-08
YER030W	202.292	1.319	0.333	3.957	7.58E-05	0.000419591
YLR002C	887.328	1.320	0.202	6.540	6.16E-11	1.25E-09
YLR449W	1099.101	1.322	0.248	5.335	9.54E-08	1.04E-06
YDR097C	204.806	1.325	0.262	5.064	4.11E-07	3.87E-06
YBR142W	726.701	1.330	0.199	6.671	2.53E-11	5.49E-10
YGL055W	1861.878	1.332	0.210	6.349	2.17E-10	3.98E-09
YPL043W	485.078	1.333	0.275	4.854	1.21E-06	1.05E-05
YDR331W	354.182	1.335	0.234	5.717	1.09E-08	1.49E-07
YOR107W	114.434	1.335	0.323	4.139	3.49E-05	0.000212771
YDL153C	527.590	1.335	0.248	5.393	6.94E-08	7.89E-07
YLL008W	654.828	1.336	0.279	4.791	1.66E-06	1.38E-05
YBR104W	373.240	1.338	0.253	5.279	1.30E-07	1.36E-06
YLL021W	268.210	1.343	0.312	4.308	1.65E-05	0.000108403
YJL148W	779.922	1.346	0.201	6.697	2.13E-11	4.70E-10
YLR196W	752.085	1.350	0.203	6.647	3.00E-11	6.42E-10
YPL239W	289.935	1.350	0.276	4.887	1.02E-06	9.03E-06
YOR154W	418.085	1.351	0.240	5.624	1.86E-08	2.45E-07
YDR339C	451.525	1.351	0.247	5.476	4.34E-08	5.32E-07
YDR465C	478.469	1.353	0.218	6.200	5.63E-10	9.75E-09
YPL179W	464.250	1.353	0.225	6.012	1.83E-09	2.87E-08
YER043C	3279.569	1.353	0.173	7.799	6.23E-15	2.23E-13
YER036C	3184.700	1.353	0.174	7.792	6.60E-15	2.33E-13
YMR244W	24.682	1.355	0.621	2.180	0.029250861	0.069599791
YBR155W	323.585	1.356	0.239	5.680	1.35E-08	1.82E-07
YDR289C	131.669	1.357	0.298	4.546	5.47E-06	4.03E-05
YMR094W	65.796	1.361	0.407	3.346	0.000821014	0.003349343

YAL025C	361.010	1.361	0.239	5.700	1.20E-08	1.63E-07
YLR197W	3046.150	1.363	0.219	6.237	4.45E-10	7.81E-09
YGL057C	178.056	1.364	0.271	5.028	4.95E-07	4.57E-06
YCR057C	976.610	1.365	0.223	6.127	8.97E-10	1.50E-08
YNL113W	252.986	1.365	0.252	5.427	5.72E-08	6.70E-07
YKR081C	520.554	1.366	0.207	6.593	4.30E-11	8.92E-10
YHR084W	123.601	1.366	0.305	4.473	7.70E-06	5.46E-05
YPL174C	281.659	1.367	0.242	5.651	1.60E-08	2.13E-07
YOR312C	5013.319	1.367	0.183	7.481	7.37E-14	2.17E-12
YLR038C	116.926	1.367	0.323	4.237	2.27E-05	0.000144091
YPL128C	198.474	1.372	0.267	5.141	2.73E-07	2.68E-06
YLR040C	47.236	1.376	0.458	3.006	0.002645497	0.009157361
YPL146C	463.106	1.380	0.291	4.742	2.12E-06	1.72E-05
YNR070W	233.956	1.381	0.268	5.154	2.55E-07	2.50E-06
YEL024W	247.243	1.381	0.285	4.843	1.28E-06	1.11E-05
YJR097W	83.948	1.386	0.380	3.649	0.000263292	0.001262596
YGL220W	80.467	1.387	0.386	3.596	0.000322591	0.001509683
YDR046C	1147.461	1.392	0.191	7.272	3.55E-13	9.67E-12
YML108W	78.962	1.393	0.398	3.501	0.000464167	0.002052145
YHR208W	1360.755	1.395	0.225	6.200	5.66E-10	9.77E-09
YDR101C	1144.319	1.396	0.201	6.936	4.03E-12	9.91E-11
YBR252W	283.045	1.397	0.267	5.236	1.64E-07	1.67E-06
YBR061C	439.347	1.401	0.219	6.411	1.45E-10	2.74E-09
YNL125C	472.477	1.402	0.231	6.068	1.30E-09	2.07E-08
YOR272W	943.587	1.402	0.193	7.257	3.95E-13	1.07E-11
YMR205C	2112.991	1.405	0.176	7.964	1.66E-15	6.42E-14
YEL044W	158.149	1.406	0.312	4.508	6.55E-06	4.72E-05
YOL080C	159.189	1.406	0.311	4.519	6.22E-06	4.53E-05
YKL009W	969.258	1.407	0.199	7.066	1.60E-12	4.06E-11
YLL024C	8772.027	1.410	0.171	8.234	1.81E-16	7.56E-15
YPR145W	2626.796	1.411	0.197	7.169	7.53E-13	1.98E-11
YHR066W	679.216	1.412	0.207	6.809	9.81E-12	2.26E-10
YDL033C	134.597	1.416	0.322	4.404	1.06E-05	7.32E-05
YOR350C	352.707	1.418	0.229	6.205	5.46E-10	9.48E-09
YBL004W	602.813	1.422	0.248	5.733	9.90E-09	1.37E-07
YBR267W	611.194	1.423	0.222	6.403	1.52E-10	2.86E-09
YGL001C	1018.313	1.424	0.189	7.545	4.52E-14	1.39E-12
YHR007C	3499.789	1.426	0.184	7.754	8.87E-15	3.07E-13
YBR247C	795.658	1.429	0.209	6.833	8.31E-12	1.95E-10
YMR202W	1858.516	1.432	0.214	6.703	2.04E-11	4.52E-10
YGR109C	258.962	1.438	0.278	5.166	2.39E-07	2.37E-06
YLR068W	71.824	1.441	0.495	2.911	0.003606419	0.011878684

YPR116W	50.323	1.442	0.465	3.101	0.001931935	0.006976005
YAL059W	190.627	1.447	0.315	4.595	4.33E-06	3.26E-05
YOL158C	1267.437	1.448	0.190	7.606	2.83E-14	8.94E-13
YPR143W	243.018	1.448	0.368	3.938	8.23E-05	0.000447616
YGR245C	653.939	1.449	0.231	6.270	3.61E-10	6.40E-09
YMR287C	239.994	1.452	0.251	5.788	7.13E-09	1.02E-07
YJL033W	590.264	1.453	0.228	6.377	1.81E-10	3.36E-09
YFL002C	504.199	1.453	0.219	6.621	3.57E-11	7.46E-10
YMR300C	904.654	1.455	0.224	6.485	8.89E-11	1.76E-09
YGL234W	2031.314	1.456	0.205	7.102	1.23E-12	3.16E-11
YDR380W	2021.361	1.462	0.262	5.577	2.45E-08	3.14E-07
YER060W	483.444	1.468	0.221	6.636	3.23E-11	6.86E-10
YOR128C	1163.494	1.468	0.250	5.875	4.22E-09	6.25E-08
YPL192C	42.977	1.469	0.468	3.143	0.001672302	0.006128396
YNL141W	931.268	1.470	0.196	7.509	5.97E-14	1.77E-12
YFR033C	184.629	1.470	0.374	3.933	8.38E-05	0.000454565
YGR145W	626.823	1.472	0.228	6.451	1.11E-10	2.14E-09
YJL171C	727.275	1.477	0.246	5.994	2.04E-09	3.17E-08
YMR058W	1083.088	1.484	0.256	5.807	6.35E-09	9.18E-08
YMR128W	542.634	1.490	0.279	5.340	9.28E-08	1.02E-06
YPL012W	1205.295	1.497	0.195	7.676	1.64E-14	5.37E-13
YDL063C	1041.924	1.499	0.204	7.348	2.01E-13	5.59E-12
YOR252W	149.852	1.502	0.333	4.505	6.64E-06	4.79E-05
YDR042C	49.672	1.502	0.444	3.380	0.000725015	0.003018859
YDR194C	627.563	1.504	0.231	6.521	6.99E-11	1.41E-09
YNL061W	1023.946	1.507	0.202	7.456	8.90E-14	2.60E-12
YER069W	824.088	1.508	0.229	6.573	4.93E-11	1.02E-09
YDL148C	482.568	1.509	0.243	6.217	5.07E-10	8.84E-09
YMR069W	21.581	1.510	0.642	2.351	0.018712473	0.047954018
YHR052W	1164.716	1.515	0.196	7.729	1.08E-14	3.66E-13
YOR310C	3386.978	1.517	0.206	7.355	1.91E-13	5.36E-12
YGR105W	121.204	1.521	0.364	4.180	2.92E-05	0.000181294
YNR043W	794.265	1.524	0.195	7.796	6.37E-15	2.26E-13
YGR142W	196.614	1.524	0.294	5.179	2.23E-07	2.22E-06
YLR153C	2171.705	1.527	0.196	7.782	7.17E-15	2.51E-13
YLR431C	174.250	1.533	0.288	5.327	9.99E-08	1.09E-06
YLR409C	1115.263	1.542	0.204	7.540	4.70E-14	1.44E-12
YOL140W	499.217	1.542	0.209	7.367	1.74E-13	4.91E-12
YLR246W	184.255	1.543	0.292	5.282	1.28E-07	1.34E-06
YDL031W	599.419	1.545	0.215	7.171	7.42E-13	1.97E-11
YDR502C	1205.466	1.545	0.184	8.419	3.81E-17	1.74E-15
YKR095W	294.969	1.546	0.319	4.840	1.30E-06	1.12E-05

YGL215W	453.716	1.549	0.236	6.572	4.98E-11	1.02E-09
YNR047W	181.375	1.552	0.281	5.523	3.34E-08	4.19E-07
YDR515W	108.536	1.555	0.332	4.680	2.87E-06	2.26E-05
YPL126W	1268.519	1.560	0.215	7.239	4.51E-13	1.21E-11
YMR305C	1565.475	1.562	0.182	8.564	1.09E-17	5.51E-16
YPL189W	77.083	1.562	0.401	3.896	9.76E-05	0.000519397
YLR249W	16877.829	1.576	0.181	8.697	3.41E-18	1.78E-16
YLR180W	1305.745	1.577	0.230	6.845	7.62E-12	1.82E-10
YPL088W	622.957	1.579	0.232	6.792	1.10E-11	2.52E-10
YLR460C	257.540	1.579	0.281	5.614	1.98E-08	2.58E-07
YEL014C	40.671	1.581	0.514	3.074	0.00211047	0.007524554
YFR001W	255.570	1.584	0.348	4.546	5.47E-06	4.03E-05
YML126C	3137.034	1.594	0.207	7.721	1.15E-14	3.88E-13
YKL109W	267.300	1.598	0.241	6.624	3.49E-11	7.36E-10
YIL070C	314.882	1.607	0.231	6.955	3.53E-12	8.73E-11
YGR175C	1868.055	1.613	0.184	8.781	1.62E-18	8.65E-17
YDR398W	1242.829	1.614	0.192	8.427	3.54E-17	1.63E-15
YPL226W	2714.819	1.620	0.183	8.861	7.96E-19	4.46E-17
YDL185W	3174.505	1.623	0.192	8.438	3.22E-17	1.51E-15
YDR399W	1056.268	1.625	0.196	8.300	1.04E-16	4.47E-15
YLR359W	1832.395	1.629	0.224	7.279	3.37E-13	9.26E-12
YLR438W	340.019	1.632	0.299	5.459	4.79E-08	5.73E-07
YML093W	399.490	1.633	0.244	6.681	2.37E-11	5.15E-10
YBR084W	1624.129	1.636	0.192	8.535	1.40E-17	6.91E-16
YOR145C	853.640	1.637	0.220	7.437	1.03E-13	2.95E-12
YGL078C	1223.262	1.644	0.209	7.880	3.29E-15	1.23E-13
YJL198W	1520.738	1.647	0.186	8.879	6.73E-19	3.89E-17
YBR172C	766.340	1.648	0.216	7.623	2.48E-14	7.97E-13
YNR066C	268.166	1.651	0.254	6.494	8.34E-11	1.67E-09
YKR080W	785.799	1.660	0.217	7.661	1.85E-14	6.02E-13
YOR287C	153.463	1.665	0.299	5.573	2.50E-08	3.20E-07
YER126C	640.225	1.665	0.224	7.446	9.62E-14	2.78E-12
YJR012C	61.110	1.671	0.411	4.070	4.71E-05	0.000277079
YMR145C	1616.256	1.672	0.189	8.845	9.18E-19	5.10E-17
YNL171C	24.544	1.672	0.632	2.644	0.008192962	0.024017967
YMR186W	7691.379	1.673	0.176	9.528	1.60E-21	1.12E-19
YDR184C	352.876	1.679	0.230	7.313	2.62E-13	7.23E-12
YJL109C	1383.678	1.682	0.192	8.749	2.15E-18	1.14E-16
YCL054W	505.520	1.683	0.259	6.489	8.64E-11	1.72E-09
YEL033W	4022.532	1.683	0.201	8.379	5.36E-17	2.41E-15
YMR309C	1943.926	1.684	0.219	7.691	1.46E-14	4.82E-13
YMR179W	211.511	1.688	0.260	6.494	8.38E-11	1.67E-09

YOL077W-A	16.870	1.692	0.752	2.249	0.024511292	0.060168975
YMR242C	5320.131	1.698	0.173	9.804	1.08E-22	8.91E-21
YGL191W	382.255	1.700	0.256	6.638	3.19E-11	6.79E-10
YNL132W	784.798	1.705	0.201	8.468	2.50E-17	1.18E-15
YGL206C	750.445	1.712	0.247	6.928	4.26E-12	1.04E-10
YNR019W	1013.339	1.717	0.192	8.963	3.16E-19	1.87E-17
YNL308C	720.760	1.722	0.684	2.518	0.011786805	0.032470439
YJL122W	290.992	1.722	0.257	6.710	1.95E-11	4.37E-10
YDR512C	48.197	1.723	0.449	3.841	0.000122586	0.000637422
YMR286W	61.014	1.724	0.459	3.754	0.00017423	0.000868437
YEL065W	686.169	1.724	0.302	5.707	1.15E-08	1.57E-07
YDR218C	25.286	1.725	0.625	2.761	0.005762311	0.017693647
YPL160W	2989.923	1.726	0.188	9.172	4.66E-20	2.98E-18
YMR290C	1164.382	1.727	0.211	8.167	3.15E-16	1.31E-14
YDL112W	528.007	1.728	0.208	8.298	1.06E-16	4.49E-15
YER125W	348.079	1.736	0.231	7.523	5.34E-14	1.62E-12
YGL009C	728.606	1.744	0.263	6.622	3.53E-11	7.42E-10
YFR023W	22.352	1.745	0.637	2.741	0.00612868	0.018650119
YPL027W	12.062	1.746	0.865	2.019	0.043474892	0.096457144
YJR009C	21565.636	1.747	0.172	10.155	3.16E-24	3.07E-22
YBR295W	373.358	1.753	0.250	7.014	2.31E-12	5.82E-11
YKL154W	361.387	1.757	0.290	6.052	1.43E-09	2.27E-08
YIL162W	420.743	1.762	0.276	6.378	1.80E-10	3.35E-09
YEL034C-A	2332.803	1.771	0.200	8.866	7.60E-19	4.31E-17
YPR151C	24.770	1.785	0.615	2.902	0.003711607	0.01218088
YKR075C	33.205	1.788	0.536	3.333	0.000858519	0.003476268
YJR063W	251.510	1.791	0.273	6.551	5.71E-11	1.16E-09
YLR435W	192.089	1.797	0.286	6.285	3.28E-10	5.86E-09
YKR024C	351.269	1.799	0.237	7.594	3.11E-14	9.76E-13
YMR070W	347.681	1.811	0.236	7.660	1.86E-14	6.03E-13
YPR190C	626.211	1.811	0.235	7.711	1.25E-14	4.16E-13
YBL054W	630.501	1.814	0.247	7.333	2.25E-13	6.24E-12
YER001W	1518.527	1.820	0.199	9.152	5.61E-20	3.47E-18
YDL241W	100.168	1.824	0.336	5.427	5.73E-08	6.70E-07
YKL172W	964.344	1.827	0.290	6.305	2.89E-10	5.18E-09
YNL190W	796.711	1.828	0.213	8.594	8.40E-18	4.27E-16
YOR341W	1738.323	1.830	0.207	8.840	9.54E-19	5.24E-17
YJL118W	125.769	1.836	0.313	5.865	4.49E-09	6.62E-08
YMR269W	114.091	1.845	0.414	4.452	8.51E-06	5.98E-05
YJL208C	431.679	1.849	0.217	8.503	1.85E-17	9.05E-16
YLL013C	110.397	1.850	0.364	5.080	3.77E-07	3.59E-06
YGR211W	1114.646	1.861	0.188	9.906	3.91E-23	3.37E-21

YPL093W	2174.962	1.865	0.190	9.790	1.24E-22	1.00E-20
YOR204W	871.659	1.866	0.193	9.657	4.59E-22	3.42E-20
YBR238C	237.379	1.867	0.279	6.689	2.24E-11	4.90E-10
YLL019C	175.431	1.870	0.302	6.187	6.12E-10	1.05E-08
YGR079W	404.437	1.876	0.221	8.472	2.40E-17	1.15E-15
YCL026C-B	66.252	1.884	0.395	4.771	1.83E-06	1.51E-05
YMR229C	1217.475	1.906	0.234	8.162	3.31E-16	1.36E-14
YFR055W	1001.358	1.937	0.282	6.874	6.25E-12	1.51E-10
YGR014W	333.939	1.942	0.233	8.322	8.65E-17	3.76E-15
YPL217C	596.786	1.956	0.247	7.907	2.65E-15	1.01E-13
YKL107W	85.121	1.964	0.363	5.419	6.01E-08	6.96E-07
YMR006C	1144.675	1.972	0.200	9.882	4.99E-23	4.24E-21
YOR383C	511.619	1.973	0.234	8.429	3.48E-17	1.62E-15
YHR049C-A	65.128	1.981	0.411	4.820	1.43E-06	1.22E-05
YNL112W	2590.075	1.990	0.213	9.358	8.14E-21	5.33E-19
YAL035W	2714.783	2.011	0.650	3.092	0.001988146	0.007155219
YJL194W	305.845	2.013	0.257	7.833	4.78E-15	1.78E-13
YOR387C	62.244	2.029	0.429	4.731	2.24E-06	1.81E-05
YJL189W	238.922	2.035	0.317	6.424	1.33E-10	2.53E-09
YJL087C	221.409	2.062	0.267	7.731	1.06E-14	3.62E-13
YLR179C	2105.320	2.080	0.197	10.570	4.10E-26	5.07E-24
YNR072W	88.752	2.090	0.374	5.592	2.24E-08	2.90E-07
YPR013C	349.659	2.091	0.267	7.826	5.06E-15	1.86E-13
YKR046C	842.101	2.102	0.194	10.807	3.20E-27	4.58E-25
YGL170C	86.869	2.119	0.361	5.864	4.52E-09	6.64E-08
YER044C	517.408	2.124	0.237	8.977	2.77E-19	1.66E-17
YMR121C	959.629	2.138	0.217	9.858	6.31E-23	5.28E-21
YPR065W	618.160	2.140	0.204	10.476	1.12E-25	1.32E-23
YHL044W	143.513	2.144	0.300	7.141	9.25E-13	2.42E-11
YBR244W	484.895	2.145	0.243	8.813	1.21E-18	6.53E-17
YML056C	4869.333	2.209	0.173	12.787	1.94E-37	6.60E-35
YKL078W	400.962	2.254	0.234	9.632	5.84E-22	4.29E-20
YGR159C	4360.152	2.263	0.178	12.742	3.45E-37	1.10E-34
YOL141W	164.178	2.264	0.290	7.819	5.32E-15	1.93E-13
YOR338W	45.113	2.272	0.493	4.605	4.13E-06	3.12E-05
YPL111W	477.894	2.276	0.293	7.775	7.55E-15	2.63E-13
YPL171C	48.930	2.283	0.505	4.517	6.27E-06	4.56E-05
YMR120C	2577.610	2.311	0.273	8.479	2.27E-17	1.09E-15
YDR232W	619.188	2.321	0.218	10.667	1.44E-26	1.87E-24
YCL037C	270.406	2.343	0.270	8.681	3.91E-18	2.02E-16
YKL029C	2280.568	2.389	0.269	8.876	6.96E-19	3.98E-17
YLR307W	41.987	2.390	0.503	4.749	2.05E-06	1.67E-05

YLR046C	432.036	2.392	0.224	10.693	1.10E-26	1.46E-24
YJR048W	314.157	2.427	0.250	9.688	3.38E-22	2.59E-20
YFL053W	64.673	2.469	0.425	5.813	6.12E-09	8.88E-08
YML075C	1728.993	2.474	0.193	12.806	1.52E-37	5.51E-35
YLR205C	184.919	2.478	0.330	7.507	6.06E-14	1.79E-12
YAR015W	1369.386	2.491	0.204	12.217	2.53E-34	6.24E-32
YPL240C	2284.723	2.499	0.651	3.840	0.000123042	0.000638456
YLL009C	8.017	2.521	1.117	2.256	0.024047895	0.059199842
YGR061C	2516.923	2.524	0.178	14.146	1.97E-45	1.19E-42
YMR011W	694.829	2.537	0.232	10.938	7.59E-28	1.18E-25
YAL040C	617.314	2.564	0.212	12.103	1.02E-33	2.41E-31
YNL111C	389.597	2.731	0.229	11.917	9.61E-33	2.18E-30
YNR060W	714.647	2.745	0.216	12.693	6.45E-37	1.95E-34
YMR119W-A	340.030	2.800	0.269	10.425	1.90E-25	2.12E-23
YCL069W	32.298	2.834	0.607	4.667	3.06E-06	2.39E-05
YMR101C	27.544	2.854	0.642	4.448	8.68E-06	6.07E-05
YLL012W	732.076	2.999	0.223	13.477	2.15E-41	1.06E-38
YGR213C	469.019	3.000	0.241	12.426	1.88E-35	4.88E-33
YHR071W	558.425	3.058	0.217	14.083	4.85E-45	2.64E-42
YHL036W	187.372	3.074	0.300	10.262	1.05E-24	1.08E-22
YGR249W	54.970	3.081	0.474	6.493	8.40E-11	1.67E-09
YJL088W	216.279	3.163	0.291	10.870	1.60E-27	2.35E-25
YEL050W-A	19.012	3.240	1.023	3.166	0.001545444	0.005744448
YLR411W	197.090	3.282	0.291	11.262	2.01E-29	3.65E-27
YDR215C	3.965	3.309	1.626	2.036	0.0417993	0.093234042
YEL034W	6102.631	3.403	0.195	17.464	2.68E-68	4.85E-65
YOL024W	20.831	3.403	0.832	4.091	4.29E-05	0.000255535
YDR374C	17.146	3.750	0.893	4.197	2.70E-05	0.000169186
YCL048W	51.779	3.782	0.532	7.110	1.16E-12	2.99E-11
YDL039C	578.273	3.815	0.623	6.126	9.03E-10	1.51E-08
YHR032W-A	14.145	4.172	1.248	3.344	0.000826412	0.00336128
YCL027W	14.769	4.263	1.020	4.178	2.95E-05	0.000182961
YBL043W	99.750	4.912	0.486	10.109	5.06E-24	4.74E-22
YOR255W	2.868	5.276	2.171	2.430	0.015078191	0.039958676
YDL007C-A	3.331	5.504	2.068	2.661	0.007784762	0.023070048
YFR032C-B	34.349	7.688	1.517	5.069	4.00E-07	3.79E-06
YBR126W-B	79.527	8.173	1.497	5.460	4.75E-08	5.72E-07