

PLATE	X3	5_Euclidea	5_Euclidea	5_Euclidea	5_KS_p-va	5_KS_stat	5_KS_z-pri	5_QFD_p-\	5_QFD_sta	5_QFD_z-ç	5_SAM_p-	5_SAM_stz	5_SAM_z-ç	15_Euclide
PLATE 1	1 WT	0.003322	0.022664	-0.15429	0.003322	0.058615	-0.286	0.003322	0.044815	-0.40232	0.003322	0.023942	0.373815	0.003322
	2 YAL035W	0.003322	0.012053	-0.65435	0.003322	0.029506	-0.63641	0.003322	0.024129	-0.79995	0.003322	0.009198	-0.29388	0.003322
	3 YBL008W	0.003322	0.038028	0.070814	0.003322	0.082689	-0.25134	0.003322	0.069793	-0.32962	0.003322	0.056917	0.547793	0.003322
	4 YGR285C	0.003322	0.025016	0.037179	0.003322	0.094796	0.237204	0.003322	0.093059	0.244339	0.003322	0.026959	0.506116	0.003322
	5 YNL064C	0.003322	0.003034	-1.67397	0.169435	0.00308	-2.60894	0.126246	0.002757	-2.42525	0.003322	0.002328	-2.13904	0.003322
	6 YOL018C	0.003322	0.023943	-0.47599	0.003322	0.055485	-1.03457	0.003322	0.047103	-1.05164	0.003322	0.03276	-0.02226	0.006645
	7 YOL086C	0.0299	0.004883	-1.71434	0.023256	0.01892	-2.08928	0.033223	0.020597	-2.37701	0.112957	0.00493	-2.84305	0.003322
	8 YPL106C	0.003322	0.017828	-0.66305	0.003322	0.047707	-0.74969	0.003322	0.046247	-0.71683	0.003322	0.02142	-0.29333	0.003322
PLATE 2	1 WT	0.003322	0.016549	-0.00066	0.003322	0.042893	-0.14032	0.003322	0.031856	-0.27604	0.003322	0.012406	0.524115	0.003322
	2 YBR131W	0.003322	0.018768	-0.70234	0.003322	0.047845	-1.18348	0.003322	0.039716	-1.21003	0.003322	0.020459	-0.45765	0.006645
	3 YIL170W	0.003322	0.025147	-0.17276	0.003322	0.060528	-0.41449	0.003322	0.047032	-0.46539	0.003322	0.026049	0.373947	0.003322
	4 YNL077W	0.003322	0.014823	-0.40903	0.003322	0.041695	-0.54123	0.003322	0.031386	-0.51318	0.003322	0.010394	0.081634	0.003322
	5 YNL098C	0.003322	0.059416	0.334262	0.003322	0.143749	0.298599	0.003322	0.115081	0.21789	0.003322	0.112648	0.705093	0.003322
	6 YNL127W	0.003322	0.019057	-0.59037	0.003322	0.043857	-0.90137	0.003322	0.034104	-0.8356	0.003322	0.015679	-0.47118	0.003322
	7 YPL036W	0.003322	0.0193	-0.32084	0.003322	0.067038	-0.32637	0.003322	0.052901	-0.34056	0.003322	0.017496	0.165724	0.003322
	8 YPL193W	0.003322	0.003356	-1.57986	0.009967	0.004005	-2.00815	0.006645	0.00301	-1.92263	0.003322	0.001346	-2.64664	0.003322
PLATE 3	1 WT	0.003322	0.013823	-0.70009	0.003322	0.034662	-0.65498	0.003322	0.027343	-0.54864	0.003322	0.01349	-0.40449	0.003322
	2 YCR028C	0.006645	0.005457	-2.36459	0.026578	0.012837	-2.99674	0.0299	0.011648	-3.19705	0.009967	0.003437	-3.68661	0.009967
	3 YDR283C	0.003322	0.017003	-0.71163	0.003322	0.040941	-0.11555	0.003322	0.03011	-0.08396	0.003322	0.017613	-0.44826	0.003322
	4 YGR053C	0.003322	0.012279	-0.58307	0.003322	0.034493	-0.21066	0.003322	0.027219	-0.08678	0.003322	0.008423	-0.20356	0.003322
	5 YIL121W	0.003322	0.014672	-0.78177	0.003322	0.029677	-1.24636	0.003322	0.022703	-1.31217	0.003322	0.015009	-0.56396	0.003322
	6 YLR452C	0.003322	0.015993	-0.38742	0.003322	0.04268	-0.24075	0.003322	0.033723	-0.24164	0.003322	0.015205	0.02731	0.003322
	7 YML071C	0.003322	0.023911	-0.01445	0.003322	0.07514	0.223042	0.003322	0.05823	0.297425	0.003322	0.020893	0.480626	0.003322
	8 YML116W	0.003322	0.011422	-1.31752	0.003322	0.0304	-0.65441	0.003322	0.024362	-0.40357	0.003322	0.011294	-1.53657	0.003322
PLATE 4	1 WT	0.003322	0.007955	-1.18718	0.003322	0.017438	-1.11332	0.003322	0.014789	-0.9483	0.003322	0.006394	-1.38893	0.003322
	2 YGL005C	0.003322	0.01491	0.019629	0.003322	0.050737	0.240543	0.003322	0.039636	0.326441	0.003322	0.008879	0.524996	0.003322
	3 YGL025C	0.003322	0.017777	-1.10896	0.003322	0.049026	-1.14556	0.003322	0.035107	-1.29763	0.003322	0.013875	-1.84914	0.003322
	4 YGR235C	0.003322	0.014783	-0.5923	0.003322	0.043472	-0.01938	0.003322	0.03403	0.001086	0.003322	0.012417	-0.2301	0.003322
	5 YGR236C	0.003322	0.010285	-0.79654	0.003322	0.018875	-0.62045	0.003322	0.015611	-0.26849	0.003322	0.007261	-0.55299	0.003322
	6 YJR073C	0.003322	0.022464	0.076522	0.003322	0.062995	0.002144	0.003322	0.045185	0.048446	0.003322	0.019191	0.577767	0.003322
	7 YML123C	0.003322	0.008042	-0.57299	0.003322	0.025154	-0.30217	0.003322	0.018896	-0.23803	0.003322	0.004155	-0.19143	0.006645
	8 YMR095C	0.003322	0.022906	0.040503	0.003322	0.074058	0.112045	0.003322	0.057871	0.160342	0.003322	0.023044	0.494259	0.003322
PLATE 5	X3	5_Euclidea	5_Euclidea	5_Euclidea	5_KS_p-va	5_KS_stat	5_KS_z-pri	5_QFD_p-\	5_QFD_sta	5_QFD_z-ç	5_SAM_p-	5_SAM_stz	5_SAM_z-ç	15_Euclide

1	WT	0.003322	0.005878	-0.7249	0.003322	0.01241	-1.53779	0.003322	0.007779	-1.87827	0.003322	0.003093	-0.3709	0.003322
2	YFR035C	0.003322	0.004123	-1.50256	0.003322	0.016116	-1.81993	0.003322	0.011799	-2.00462	0.003322	0.002072	-1.87072	0.003322
3	YGR243W	0.003322	0.012047	0.088519	0.003322	0.020908	-0.42061	0.003322	0.01635	-0.56602	0.003322	0.006541	0.554279	0.003322
4	YIL041W	0.003322	0.005569	-0.66192	0.003322	0.010718	-1.66385	0.003322	0.006704	-2.34954	0.003322	0.002286	-0.32088	0.023256
5	YIL053W	0.003322	0.006248	-0.4409	0.003322	0.017251	-0.07464	0.003322	0.01479	-0.01565	0.003322	0.002088	-0.00381	0.003322
6	YIR019C	0.003322	0.01667	0.367963	0.003322	0.038358	0.151616	0.003322	0.029425	0.09598	0.003322	0.009648	0.812944	0.003322
7	YJL106W	0.003322	0.007345	-0.49921	0.003322	0.029338	-0.14216	0.003322	0.021853	-0.12852	0.003322	0.003168	-0.12775	0.003322
8	YMR063W	0.003322	0.00743	-0.6241	0.003322	0.02351	-0.38004	0.003322	0.01864	-0.42182	0.003322	0.003223	-0.30856	0.003322
PLATE 6	X3	5_Euclidea	5_Euclidea	5_Euclidea	5_KS_p-va	5_KS_stat	5_KS_z-pri	5_QFD_p-v	5_QFD_sta	5_QFD_z-p	5_SAM_p-	5_SAM_st	5_SAM_z-p	15_Euclidea
1	EMPTY	0.049834	0.000154	-2.45458	0.099668	0.000341	-2.64816	0.162791	0.000212	-2.69855	0.059801	1.29E-05	-4.1457	0.036545
2	WT	0.003322	0.008664	-0.47497	0.003322	0.016222	-0.94526	0.003322	0.011234	-1.1029	0.003322	0.003181	-0.07609	0.016611
3	YGL253W	0.003322	0.008852	-0.17988	0.003322	0.013847	-0.60504	0.003322	0.009331	-0.59909	0.003322	0.003808	0.306744	0.003322
4	YHL027W	0.003322	0.00799	-0.38741	0.003322	0.033126	-0.01679	0.003322	0.031165	0.096686	0.003322	0.003506	-0.00108	0.013289
5	YJL179W	0.003322	0.015506	-2.19977	0.003322	0.035442	-3.11231	0.003322	0.026009	-3.20033	0.003322	0.009609	-4.68983	0.003322
6	YKL037W	0.003322	0.007446	0.042404	0.003322	0.025621	0.086941	0.003322	0.019625	-0.03755	0.003322	0.002227	0.569067	0.003322
7	YNL197C	0.003322	0.012072	-0.00738	0.003322	0.037489	0.128847	0.003322	0.029224	0.166768	0.003322	0.006402	0.456397	0.069767
8	YNL322C	0.003322	0.01615	0.273182	0.003322	0.051229	0.301774	0.003322	0.038851	0.28426	0.003322	0.009345	0.69091	0.003322

15_Euclide	15_Euclide	15_KS_p-v	15_KS_sta	15_KS_z-p	15_QFD_p	15_QFD_sl	15_QFD_z-	15_SAM_p	15_SAM_s	15_SAM_z-prime
0.030761	-0.81864	0.003322	0.077433	-0.92687	0.003322	0.072281	-0.97347	0.003322	0.047169	-0.56955
0.011795	-0.97575	0.003322	0.019683	-1.12183	0.009967	0.020628	-1.17592	0.003322	0.01416	-0.851
0.080822	0.185281	0.003322	0.29327	0.461845	0.003322	0.301201	0.476806	0.003322	0.222894	0.658763
0.02136	-0.7178	0.003322	0.052917	-0.85291	0.003322	0.045346	-0.91119	0.003322	0.026373	-0.83294
0.006805	-0.80407	0.003322	0.009655	-1.60907	0.003322	0.008863	-1.6405	0.003322	0.004392	-0.48706
0.030172	-1.36339	0.006645	0.096099	-1.44583	0.006645	0.099719	-1.54442	0.006645	0.079711	-1.48869
0.02359	-1.74075	0.003322	0.058979	-3.03157	0.003322	0.050245	-3.33863	0.003322	0.040667	-2.47341
0.050712	-0.29063	0.003322	0.152789	0.108816	0.003322	0.165286	0.323921	0.003322	0.115472	0.145677
15_Euclide	15_Euclide	15_KS_p-v	15_KS_sta	15_KS_z-p	15_QFD_p	15_QFD_sl	15_QFD_z-	15_SAM_p	15_SAM_s	15_SAM_z-prime
0.021507	-0.39968	0.003322	0.040156	-1.02485	0.003322	0.031569	-1.12697	0.003322	0.021334	0.136736
0.012603	-1.55343	0.425249	0.037614	-1.75263	0.448505	0.03598	-1.82015	0.096346	0.02436	-2.43579
0.026066	-0.16029	0.003322	0.056779	-0.3927	0.003322	0.041617	-0.55715	0.003322	0.027687	0.350501
0.011378	-0.97103	0.003322	0.023052	-1.31954	0.003322	0.016157	-1.53889	0.003322	0.010726	-0.77848
0.023956	-0.70612	0.003322	0.069036	-0.75041	0.003322	0.079754	-0.59507	0.003322	0.058274	-0.3312
0.022572	-0.30614	0.003322	0.040308	-0.65927	0.003322	0.036232	-0.61543	0.003322	0.022863	0.165515
0.032397	-0.0582	0.003322	0.065581	-0.57355	0.003322	0.044562	-0.95917	0.003322	0.037262	0.452075
0.012087	-0.71726	0.003322	0.023203	-1.37358	0.003322	0.017581	-1.6485	0.003322	0.008959	-0.34032
15_Euclide	15_Euclide	15_KS_p-v	15_KS_sta	15_KS_z-p	15_QFD_p	15_QFD_sl	15_QFD_z-	15_SAM_p	15_SAM_s	15_SAM_z-prime
0.015155	-0.69944	0.003322	0.035733	-0.99228	0.003322	0.026295	-0.98276	0.003322	0.016182	-0.34843
0.009139	-2.87568	0.009967	0.030647	-3.23638	0.006645	0.022773	-3.98755	0.0299	0.01017	-4.61804
0.017435	-0.80519	0.003322	0.035822	-1.15757	0.003322	0.025836	-1.3443	0.003322	0.021753	-0.5872
0.009445	-1.58927	0.003322	0.024102	-1.43615	0.003322	0.017935	-1.36273	0.003322	0.011643	-2.11152
0.02259	-0.78314	0.003322	0.042476	-0.45761	0.003322	0.033747	-0.58868	0.003322	0.031237	-0.75056
0.01473	-1.23826	0.003322	0.028374	-1.78765	0.003322	0.022521	-1.82296	0.003322	0.017943	-1.32978
0.025281	-0.2316	0.003322	0.059717	0.032034	0.003322	0.042361	-0.00531	0.003322	0.028489	0.222298
0.019727	-0.95014	0.003322	0.049199	-0.77151	0.003322	0.035833	-0.7354	0.003322	0.029417	-0.71952
15_Euclide	15_Euclide	15_KS_p-v	15_KS_sta	15_KS_z-p	15_QFD_p	15_QFD_sl	15_QFD_z-	15_SAM_p	15_SAM_s	15_SAM_z-prime
0.015939	-0.83216	0.003322	0.027341	-0.62379	0.003322	0.019625	-0.52013	0.003322	0.019016	-0.59566
0.018165	-2.08635	0.003322	0.042508	-1.86488	0.003322	0.026299	-2.18515	0.003322	0.020974	-3.61228
0.026783	-1.52149	0.003322	0.038074	-2.30271	0.003322	0.024055	-2.36729	0.003322	0.034708	-2.40337
0.013968	-1.16405	0.003322	0.026761	-1.02469	0.003322	0.01617	-0.99624	0.003322	0.014135	-1.41834
0.015985	-1.17515	0.003322	0.020107	-1.00879	0.003322	0.01511	-0.83965	0.003322	0.017018	-1.22775
0.021103	-0.47817	0.003322	0.031973	-1.35756	0.003322	0.026129	-1.50401	0.003322	0.023359	-0.1
0.008764	-2.00967	0.003322	0.015583	-1.52782	0.006645	0.009477	-1.57937	0.006645	0.008049	-3.25147
0.021088	-0.41289	0.003322	0.035025	-0.87986	0.003322	0.029163	-0.67481	0.003322	0.027328	0.041577
15_Euclide	15_Euclide	15_KS_p-v	15_KS_sta	15_KS_z-p	15_QFD_p	15_QFD_sl	15_QFD_z-	15_SAM_p	15_SAM_s	15_SAM_z-prime

0.007192	-1.46352	0.006645	0.016979	-2.28976	0.026578	0.009621	-2.94593	0.003322	0.005447	-1.90898
0.015956	-0.73246	0.003322	0.057131	-0.73132	0.003322	0.055514	-0.65898	0.003322	0.017912	-0.62927
0.012478	-0.84209	0.003322	0.046013	-0.76704	0.003322	0.040973	-0.80263	0.003322	0.011114	-0.72805
0.002126	-1.97041	0.215947	0.003753	-3.07603	0.833887	0.000649	-3.70304	0.023256	0.00151	-2.80909
0.008405	-1.11026	0.003322	0.033975	-0.97679	0.003322	0.026207	-1.13006	0.003322	0.006479	-1.15775
0.015608	-0.03574	0.003322	0.057981	0.12969	0.003322	0.043842	0.122526	0.003322	0.010794	0.457845
0.01217	-0.73195	0.003322	0.048207	-0.71054	0.003322	0.039657	-0.79394	0.003322	0.009989	-0.74
0.014433	-0.70916	0.003322	0.053029	-0.23737	0.003322	0.040709	-0.34197	0.003322	0.012247	-0.54916
15_Euclide	15_Euclide	15_KS_p-v	15_KS_sta	15_KS_z-p	15_QFD_p	15_QFD_sl	15_QFD_z-	15_SAM_p	15_SAM_s	15_SAM_z-prime
0.000122	-1.40683	0.122924	0.00026	-2.00315	0.053156	0.000402	-2.44034	0.086379	8.34E-06	-1.80152
0.004054	-2.92584	0.129568	0.010094	-3.33488	0.355482	0.006332	-3.73281	0.016611	0.00456	-5.35101
0.006151	-1.63176	0.003322	0.02322	-1.84211	0.003322	0.019507	-1.95498	0.003322	0.004204	-2.14105
0.009126	-1.89173	0.016611	0.033976	-1.92587	0.023256	0.028626	-2.00942	0.019934	0.011222	-2.53201
0.016129	0.00986	0.003322	0.059246	0.07609	0.003322	0.047274	-0.00756	0.003322	0.010746	0.516765
0.024887	-0.21382	0.003322	0.090448	-0.12722	0.003322	0.075951	-0.16453	0.003322	0.027794	0.231761
0.001523	-2.03266	0.272425	0.002564	-2.29587	0.418605	0.001724	-2.50478	0.112957	0.0009	-3.00438
0.018201	-0.08585	0.003322	0.032958	-0.78025	0.003322	0.02835	-0.80699	0.003322	0.013199	0.469316

PLATE	X3	5_QFD_p	5_QFD_st	5_QFD_z-prime	15_QFD_p	15_QFD_st	15_QFD_z-prime
PLATE 1	1 WT	0.003322	0.044815	-0.40232	0.003322	0.072281	-0.97347
	2 YAL035W	0.003322	0.024129	-0.79995	0.009967	0.020628	-1.17592
	3 YBL008W	0.003322	0.069793	-0.32962	0.003322	0.301201	0.476806
	4 YGR285C	0.003322	0.093059	0.244339	0.003322	0.045346	-0.91119
	5 YNL064C	0.126246	0.002757	-2.42525	0.003322	0.008863	-1.6405
	6 YOL018C	0.003322	0.047103	-1.05164	0.006645	0.099719	-1.54442
	7 YOL086C	0.033223	0.020597	-2.37701	0.003322	0.050245	-3.33863
	8 YPL106C	0.003322	0.046247	-0.71683	0.003322	0.165286	0.323921
PLATE 2	1 WT	0.003322	0.031856	-0.27604	0.003322	0.031569	-1.12697
	2 YBR131W	0.003322	0.039716	-1.21003	0.448505	0.03598	-1.82015
	3 YIL170W	0.003322	0.047032	-0.46539	0.003322	0.041617	-0.55715
	4 YNL077W	0.003322	0.031386	-0.51318	0.003322	0.016157	-1.53889
	5 YNL098C	0.003322	0.115081	0.21789	0.003322	0.079754	-0.59507
	6 YNL127W	0.003322	0.034104	-0.8356	0.003322	0.036232	-0.61543
	7 YPL036W	0.003322	0.052901	-0.34056	0.003322	0.044562	-0.95917
	8 YPL193W	0.006645	0.00301	-1.92263	0.003322	0.017581	-1.6485
PLATE 3	1 WT	0.003322	0.027343	-0.54864	0.003322	0.026295	-0.98276
	2 YCR028C	0.0299	0.011648	-3.19705	0.006645	0.022773	-3.98755
	3 YDR283C	0.003322	0.03011	-0.08396	0.003322	0.025836	-1.3443
	4 YGR053C	0.003322	0.027219	-0.08678	0.003322	0.017935	-1.36273
	5 YIL121W	0.003322	0.022703	-1.31217	0.003322	0.033747	-0.58868
	6 YLR452C	0.003322	0.033723	-0.24164	0.003322	0.022521	-1.82296
	7 YML071C	0.003322	0.05823	0.297425	0.003322	0.042361	-0.00531
	8 YML116W	0.003322	0.024362	-0.40357	0.003322	0.035833	-0.7354
PLATE 4	1 WT	0.003322	0.014789	-0.9483	0.003322	0.019625	-0.52013
	2 YGL005C	0.003322	0.039636	0.326441	0.003322	0.026299	-2.18515
	3 YGL025C	0.003322	0.035107	-1.29763	0.003322	0.024055	-2.36729
	4 YGR235C	0.003322	0.03403	0.001086	0.003322	0.01617	-0.99624
	5 YGR236C	0.003322	0.015611	-0.26849	0.003322	0.01511	-0.83965
	6 YJR073C	0.003322	0.045185	0.048446	0.003322	0.026129	-1.50401
	7 YML123C	0.003322	0.018896	-0.23803	0.006645	0.009477	-1.57937
	8 YMR095C	0.003322	0.057871	0.160342	0.003322	0.029163	-0.67481
PLATE 5	X3	5_QFD_p	5_QFD_st	5_QFD_z-prime	15_QFD_p	15_QFD_st	15_QFD_z-prime

Criteria

p-value: <0.1
z-prime >0
stat

Strains that satisfy the criteria

1	WT	0.003322	0.007779	-1.87827	0.026578	0.009621	-2.94593
2	YFR035C	0.003322	0.011799	-2.00462	0.003322	0.055514	-0.65898
3	YGR243W	0.003322	0.01635	-0.56602	0.003322	0.040973	-0.80263
4	YIL041W	0.003322	0.006704	-2.34954	0.833887	0.000649	-3.70304
5	YIL053W	0.003322	0.01479	-0.01565	0.003322	0.026207	-1.13006
6	YIR019C	0.003322	0.029425	0.09598	0.003322	0.043842	0.122526
7	YJL106W	0.003322	0.021853	-0.12852	0.003322	0.039657	-0.79394
8	YMR063W	0.003322	0.01864	-0.42182	0.003322	0.040709	-0.34197

PLATE 6

	X3	5_QFD_p	5_QFD_st	5_QFD_z-prime	15_QFD_p	15_QFD_st	15_QFD_z-prime
1	EMPTY	0.162791	0.000212	-2.69855	0.053156	0.000402	-2.44034
2	WT	0.003322	0.011234	-1.1029	0.355482	0.006332	-3.73281
3	YGL253W	0.003322	0.009331	-0.59909	0.003322	0.019507	-1.95498
4	YHL027W	0.003322	0.031165	0.096686	0.023256	0.028626	-2.00942
5	YJL179W	0.003322	0.026009	-3.20033	0.003322	0.047274	-0.00756
6	YKL037W	0.003322	0.019625	-0.03755	0.003322	0.075951	-0.16453
7	YNL197C	0.003322	0.029224	0.166768	0.418605	0.001724	-2.50478
8	YNL322C	0.003322	0.038851	0.28426	0.003322	0.02835	-0.80699

PLATE	X3	5_Euclidean	5_Euclidean	5_Euclidean_z-prime	15_Euclidean	15_Euclidean	15_Euclidean_z-prime	Criteria
PLATE 1	1 WT	0.003322	0.022664	-0.15429	0.003322	0.030761	-0.81864	p-value: <0.1
	2 YAL035W	0.003322	0.012053	-0.65435	0.003322	0.011795	-0.97575	z-prime >0
	3 YBL008W	0.003322	0.038028	0.070814	0.003322	0.080822	0.185281	stat
	4 YGR285C	0.003322	0.025016	0.037179	0.003322	0.02136	-0.7178	
	5 YNL064C	0.003322	0.003034	-1.67397	0.003322	0.006805	-0.80407	
	6 YOL018C	0.003322	0.023943	-0.47599	0.006645	0.030172	-1.36339	Strains that satisfy the criteria
	7 YOL086C	0.0299	0.004883	-1.71434	0.003322	0.02359	-1.74075	
	8 YPL106C	0.003322	0.017828	-0.66305	0.003322	0.050712	-0.29063	
PLATE 2	X3	5_Euclidean	5_Euclidean	5_Euclidean_z-prime	15_Euclidean	15_Euclidean	15_Euclidean_z-prime	
	1 WT	0.003322	0.016549	-0.00066	0.003322	0.021507	-0.39968	
	2 YBR131W	0.003322	0.018768	-0.70234	0.006645	0.012603	-1.55343	
	3 YIL170W	0.003322	0.025147	-0.17276	0.003322	0.026066	-0.16029	
	4 YNL077W	0.003322	0.014823	-0.40903	0.003322	0.011378	-0.97103	
	5 YNL098C	0.003322	0.059416	0.334262	0.003322	0.023956	-0.70612	
	6 YNL127W	0.003322	0.019057	-0.59037	0.003322	0.022572	-0.30614	
	7 YPL036W	0.003322	0.0193	-0.32084	0.003322	0.032397	-0.0582	
8 YPL193W	0.003322	0.003356	-1.57986	0.003322	0.012087	-0.71726		
PLATE 3	X3	5_Euclidean	5_Euclidean	5_Euclidean_z-prime	15_Euclidean	15_Euclidean	15_Euclidean_z-prime	
	1 WT	0.003322	0.013823	-0.70009	0.003322	0.015155	-0.69944	
	2 YCR028C	0.006645	0.005457	-2.36459	0.009967	0.009139	-2.87568	
	3 YDR283C	0.003322	0.017003	-0.71163	0.003322	0.017435	-0.80519	
	4 YGR053C	0.003322	0.012279	-0.58307	0.003322	0.009445	-1.58927	
	5 YIL121W	0.003322	0.014672	-0.78177	0.003322	0.02259	-0.78314	
	6 YLR452C	0.003322	0.015993	-0.38742	0.003322	0.01473	-1.23826	
	7 YML071C	0.003322	0.023911	-0.01445	0.003322	0.025281	-0.2316	
8 YML116W	0.003322	0.011422	-1.31752	0.003322	0.019727	-0.95014		
PLATE 4	X3	5_Euclidean	5_Euclidean	5_Euclidean_z-prime	15_Euclidean	15_Euclidean	15_Euclidean_z-prime	
	1 WT	0.003322	0.007955	-1.18718	0.003322	0.015939	-0.83216	
	2 YGL005C	0.003322	0.01491	0.019629	0.003322	0.018165	-2.08635	
	3 YGL025C	0.003322	0.017777	-1.10896	0.003322	0.026783	-1.52149	
	4 YGR235C	0.003322	0.014783	-0.5923	0.003322	0.013968	-1.16405	
	5 YGR236C	0.003322	0.010285	-0.79654	0.003322	0.015985	-1.17515	
	6 YJR073C	0.003322	0.022464	0.076522	0.003322	0.021103	-0.47817	
	7 YML123C	0.003322	0.008042	-0.57299	0.006645	0.008764	-2.00967	
8 YMR095C	0.003322	0.022906	0.040503	0.003322	0.021088	-0.41289		
PLATE 5	X3	5_Euclidean	5_Euclidean	5_Euclidean_z-prime	15_Euclidean	15_Euclidean	15_Euclidean_z-prime	

1	WT	0.003322	0.005878	-0.7249	0.003322	0.007192	-1.46352
2	YFR035C	0.003322	0.004123	-1.50256	0.003322	0.015956	-0.73246
3	YGR243W	0.003322	0.012047	0.088519	0.003322	0.012478	-0.84209
4	YIL041W	0.003322	0.005569	-0.66192	0.023256	0.002126	-1.97041
5	YIL053W	0.003322	0.006248	-0.4409	0.003322	0.008405	-1.11026
6	YIR019C	0.003322	0.01667	0.367963	0.003322	0.015608	-0.03574
7	YJL106W	0.003322	0.007345	-0.49921	0.003322	0.01217	-0.73195
8	YMR063W	0.003322	0.00743	-0.6241	0.003322	0.014433	-0.70916
PLATE 6	X3	5_Euclidea	5_Euclidea	5_Euclidean_z-prime	15_Euclide	15_Euclide	15_Euclidean_z-prime
1	EMPTY	0.049834	0.000154	-2.45458	0.036545	0.000122	-1.40683
2	WT	0.003322	0.008664	-0.47497	0.016611	0.004054	-2.92584
3	YGL253W	0.003322	0.008852	-0.17988	0.003322	0.006151	-1.63176
4	YHL027W	0.003322	0.00799	-0.38741	0.013289	0.009126	-1.89173
5	YJL179W	0.003322	0.015506	-2.19977	0.003322	0.016129	0.00986
6	YKL037W	0.003322	0.007446	0.042404	0.003322	0.024887	-0.21382
7	YNL197C	0.003322	0.012072	-0.00738	0.069767	0.001523	-2.03266
8	YNL322C	0.003322	0.01615	0.273182	0.003322	0.018201	-0.08585


PLATE	X3	5_KS_p-val	5_KS_stat	5_KS_z-prime	15_KS_p-v	15_KS_stat	15_KS_z-prime
PLATE 1	1 WT	0.003322	0.058615	-0.286	0.003322	0.077433	-0.92687
	2 YAL035W	0.003322	0.029506	-0.63641	0.003322	0.019683	-1.12183
	3 YBL008W	0.003322	0.082689	-0.25134	0.003322	0.29327	0.461845
	4 YGR285C	0.003322	0.094796	0.237204	0.003322	0.052917	-0.85291
	5 YNL064C	0.169435	0.00308	-2.60894	0.003322	0.009655	-1.60907
	6 YOL018C	0.003322	0.055485	-1.03457	0.006645	0.096099	-1.44583
	7 YOL086C	0.023256	0.01892	-2.08928	0.003322	0.058979	-3.03157
	8 YPL106C	0.003322	0.047707	-0.74969	0.003322	0.152789	0.108816
PLATE 2	1 WT	0.003322	0.042893	-0.14032	0.003322	0.040156	-1.02485
	2 YBR131W	0.003322	0.047845	-1.18348	0.425249	0.037614	-1.75263
	3 YIL170W	0.003322	0.060528	-0.41449	0.003322	0.056779	-0.3927
	4 YNL077W	0.003322	0.041695	-0.54123	0.003322	0.023052	-1.31954
	5 YNL098C	0.003322	0.143749	0.298599	0.003322	0.069036	-0.75041
	6 YNL127W	0.003322	0.043857	-0.90137	0.003322	0.040308	-0.65927
	7 YPL036W	0.003322	0.067038	-0.32637	0.003322	0.065581	-0.57355
	8 YPL193W	0.009967	0.004005	-2.00815	0.003322	0.023203	-1.37358
PLATE 3	1 WT	0.003322	0.034662	-0.65498	0.003322	0.035733	-0.99228
	2 YCR028C	0.026578	0.012837	-2.99674	0.009967	0.030647	-3.23638
	3 YDR283C	0.003322	0.040941	-0.11555	0.003322	0.035822	-1.15757
	4 YGR053C	0.003322	0.034493	-0.21066	0.003322	0.024102	-1.43615
	5 YIL121W	0.003322	0.029677	-1.24636	0.003322	0.042476	-0.45761
	6 YLR452C	0.003322	0.04268	-0.24075	0.003322	0.028374	-1.78765
	7 YML071C	0.003322	0.07514	0.223042	0.003322	0.059717	0.032034
	8 YML116W	0.003322	0.0304	-0.65441	0.003322	0.049199	-0.77151
PLATE 4	1 WT	0.003322	0.017438	-1.11332	0.003322	0.027341	-0.62379
	2 YGL005C	0.003322	0.050737	0.240543	0.003322	0.042508	-1.86488
	3 YGL025C	0.003322	0.049026	-1.14556	0.003322	0.038074	-2.30271
	4 YGR235C	0.003322	0.043472	-0.01938	0.003322	0.026761	-1.02469
	5 YGR236C	0.003322	0.018875	-0.62045	0.003322	0.020107	-1.00879
	6 YJR073C	0.003322	0.062995	0.002144	0.003322	0.031973	-1.35756
	7 YML123C	0.003322	0.025154	-0.30217	0.003322	0.015583	-1.52782
	8 YMR095C	0.003322	0.074058	0.112045	0.003322	0.035025	-0.87986
PLATE 5	X3	5_KS_p-val	5_KS_stat	5_KS_z-prime	15_KS_p-v	15_KS_stat	15_KS_z-prime

Criteria

p-value: <0.1

z-prime >0

stat

 Strains that satisfy the criteria

1	WT	0.003322	0.01241	-1.53779	0.006645	0.016979	-2.28976
2	YFR035C	0.003322	0.016116	-1.81993	0.003322	0.057131	-0.73132
3	YGR243W	0.003322	0.020908	-0.42061	0.003322	0.046013	-0.76704
4	YIL041W	0.003322	0.010718	-1.66385	0.215947	0.003753	-3.07603
5	YIL053W	0.003322	0.017251	-0.07464	0.003322	0.033975	-0.97679
6	YIR019C	0.003322	0.038358	0.151616	0.003322	0.057981	0.12969
7	YJL106W	0.003322	0.029338	-0.14216	0.003322	0.048207	-0.71054
8	YMR063W	0.003322	0.02351	-0.38004	0.003322	0.053029	-0.23737


PLATE 6

	X3	5_KS_p-val	5_KS_stat	5_KS_z-prime	15_KS_p-v	15_KS_stat	15_KS_z-prime
1	EMPTY	0.099668	0.000341	-2.64816	0.122924	0.00026	-2.00315
2	WT	0.003322	0.016222	-0.94526	0.129568	0.010094	-3.33488
3	YGL253W	0.003322	0.013847	-0.60504	0.003322	0.02322	-1.84211
4	YHL027W	0.003322	0.033126	-0.01679	0.016611	0.033976	-1.92587
5	YJL179W	0.003322	0.035442	-3.11231	0.003322	0.059246	0.07609
6	YKL037W	0.003322	0.025621	0.086941	0.003322	0.090448	-0.12722
7	YNL197C	0.003322	0.037489	0.128847	0.272425	0.002564	-2.29587
8	YNL322C	0.003322	0.051229	0.301774	0.003322	0.032958	-0.78025

PLATE	X3	5_SAM_p	5_SAM_st	5_SAM_z-prime	15_SAM_p	15_SAM_s	15_SAM_z-prime
PLATE 1	1 WT	0.003322	0.023942	0.373815	0.003322	0.047169	-0.56955
	2 YAL035W	0.003322	0.009198	-0.29388	0.003322	0.01416	-0.851
	3 YBL008W	0.003322	0.056917	0.547793	0.003322	0.222894	0.658763
	4 YGR285C	0.003322	0.026959	0.506116	0.003322	0.026373	-0.83294
	5 YNL064C	0.003322	0.002328	-2.13904	0.003322	0.004392	-0.48706
	6 YOL018C	0.003322	0.03276	-0.02226	0.006645	0.079711	-1.48869
	7 YOL086C	0.112957	0.00493	-2.84305	0.003322	0.040667	-2.47341
	8 YPL106C	0.003322	0.02142	-0.29333	0.003322	0.115472	0.145677
PLATE 2	1 WT	0.003322	0.012406	0.524115	0.003322	0.021334	0.136736
	2 YBR131W	0.003322	0.020459	-0.45765	0.096346	0.02436	-2.43579
	3 YIL170W	0.003322	0.026049	0.373947	0.003322	0.027687	0.350501
	4 YNL077W	0.003322	0.010394	0.081634	0.003322	0.010726	-0.77848
	5 YNL098C	0.003322	0.112648	0.705093	0.003322	0.058274	-0.3312
	6 YNL127W	0.003322	0.015679	-0.47118	0.003322	0.022863	0.165515
	7 YPL036W	0.003322	0.017496	0.165724	0.003322	0.037262	0.452075
	8 YPL193W	0.003322	0.001346	-2.64664	0.003322	0.008959	-0.34032
PLATE 3	1 WT	0.003322	0.01349	-0.40449	0.003322	0.016182	-0.34843
	2 YCR028C	0.009967	0.003437	-3.68661	0.0299	0.01017	-4.61804
	3 YDR283C	0.003322	0.017613	-0.44826	0.003322	0.021753	-0.5872
	4 YGR053C	0.003322	0.008423	-0.20356	0.003322	0.011643	-2.11152
	5 YIL121W	0.003322	0.015009	-0.56396	0.003322	0.031237	-0.75056
	6 YLR452C	0.003322	0.015205	0.02731	0.003322	0.017943	-1.32978
	7 YML071C	0.003322	0.020893	0.480626	0.003322	0.028489	0.222298
	8 YML116W	0.003322	0.011294	-1.53657	0.003322	0.029417	-0.71952
PLATE 4	1 WT	0.003322	0.006394	-1.38893	0.003322	0.019016	-0.59566
	2 YGL005C	0.003322	0.008879	0.524996	0.003322	0.020974	-3.61228
	3 YGL025C	0.003322	0.013875	-1.84914	0.003322	0.034708	-2.40337
	4 YGR235C	0.003322	0.012417	-0.2301	0.003322	0.014135	-1.41834
	5 YGR236C	0.003322	0.007261	-0.55299	0.003322	0.017018	-1.22775
	6 YJR073C	0.003322	0.019191	0.577767	0.003322	0.023359	-0.1
	7 YML123C	0.003322	0.004155	-0.19143	0.006645	0.008049	-3.25147
	8 YMR095C	0.003322	0.023044	0.494259	0.003322	0.027328	0.041577
PLATE 5	X3	5_SAM_p	5_SAM_st	5_SAM_z-prime	15_SAM_p	15_SAM_s	15_SAM_z-prime

Criteria

p-value: <0.1
z-prime >0
stat

 Strains that satisfy the criteria

1	WT	0.003322	0.003093	-0.3709	0.003322	0.005447	-1.90898
2	YFR035C	0.003322	0.002072	-1.87072	0.003322	0.017912	-0.62927
3	YGR243W	0.003322	0.006541	0.554279	0.003322	0.011114	-0.72805
4	YIL041W	0.003322	0.002286	-0.32088	0.023256	0.00151	-2.80909
5	YIL053W	0.003322	0.002088	-0.00381	0.003322	0.006479	-1.15775
6	YIR019C	0.003322	0.009648	0.812944	0.003322	0.010794	0.457845
7	YJL106W	0.003322	0.003168	-0.12775	0.003322	0.009989	-0.74
8	YMR063W	0.003322	0.003223	-0.30856	0.003322	0.012247	-0.54916
PLATE 6	X3	5_SAM_p-	5_SAM_stz	5_SAM_z-prime	15_SAM_p	15_SAM_s	15_SAM_z-prime
1	EMPTY	0.059801	1.29E-05	-4.1457	0.086379	8.34E-06	-1.80152
2	WT	0.003322	0.003181	-0.07609	0.016611	0.00456	-5.35101
3	YGL253W	0.003322	0.003808	0.306744	0.003322	0.004204	-2.14105
4	YHL027W	0.003322	0.003506	-0.00108	0.019934	0.011222	-2.53201
5	YJL179W	0.003322	0.009609	-4.68983	0.003322	0.010746	0.516765
6	YKL037W	0.003322	0.002227	0.569067	0.003322	0.027794	0.231761
7	YNL197C	0.003322	0.006402	0.456397	0.112957	0.0009	-3.00438
8	YNL322C	0.003322	0.009345	0.69091	0.003322	0.013199	0.469316

	X3	5_QFD_p-v	5_QFD_sta	5_QFD_z-prime	X3	5_Euclidean	5_Euclidean	5_Euclidean_z-prime	X3	5_KS_p-v	5_KS_stat	5_KS_z-pri
PLATE1	YGR285C	0.003322	0.093059	0.244339	YBL008W	0.003322	0.038028	0.070814	YGR285C	0.003322	0.094796	0.237204
	YGR285C	0.003322	0.025016	0.037179								
PLATE2	YNL098C	0.003322	0.115081	0.21789	YNL098C	0.003322	0.059416	0.334262	YNL098C	0.003322	0.143749	0.298599
PLATE3	YML071C	0.003322	0.05823	0.297425					YML071C	0.003322	0.07514	0.223042
PLATE4	YGL005C	0.003322	0.039636	0.326441	YGL005C	0.003322	0.01491	0.019629	YGL005C	0.003322	0.050737	0.240543
	YGR235C	0.003322	0.03403	0.001086	YJR073C	0.003322	0.022464	0.076522	YJR073C	0.003322	0.062995	0.002144
	YJR073C	0.003322	0.045185	0.048446	YMR095C	0.003322	0.022906	0.040503	YMR095C	0.003322	0.074058	0.112045
	YMR095C	0.003322	0.057871	0.160342								
PLATE5	YIR019C	0.003322	0.029425	0.09598	YGR243W	0.003322	0.012047	0.088519	YIR019C	0.003322	0.038358	0.151616
					YIR019C	0.003322	0.01667	0.367963				
PLATE6	YHL027W	0.003322	0.031165	0.096686	YKL037W	0.003322	0.007446	0.042404	YKL037W	0.003322	0.025621	0.086941
	YNL197C	0.003322	0.029224	0.166768	YNL322C	0.003322	0.01615	0.273182	YNL197C	0.003322	0.037489	0.128847
	YNL322C	0.003322	0.038851	0.28426					YNL322C	0.003322	0.051229	0.301774

me	X3	5_SAM_p-	5_SAM_st	5_SAM_z-prime
	WT	0.003322	0.023942	0.373815
	YBL008W	0.003322	0.056917	0.547793
	YGR285C	0.003322	0.026959	0.506116
	WT	0.003322	0.012406	0.524115
	YIL170W	0.003322	0.026049	0.373947
	YNL077W	0.003322	0.010394	0.081634
	YNL098C	0.003322	0.112648	0.705093
	YPL036W	0.003322	0.017496	0.165724
	YLR452C	0.003322	0.015205	0.02731
	YML071C	0.003322	0.020893	0.480626
	YGL005C	0.003322	0.008879	0.524996
	YJR073C	0.003322	0.019191	0.577767
	YMR095C	0.003322	0.023044	0.494259
	YGR243W	0.003322	0.006541	0.554279
	YIR019C	0.003322	0.009648	0.812944
	YGL253W	0.003322	0.003808	0.306744
	YKL037W	0.003322	0.002227	0.569067
	YNL197C	0.003322	0.006402	0.456397
	YNL322C	0.003322	0.009345	0.69091

	X3	15_QFD_p	15_QFD_s	15_QFD_z-prime	X3	15_Euclide	15_Euclide	15_Euclidean_z-prime	X3	15_KS_p-v	15_KS_sta	15_KS_z-prime
PLATE1	YBL008W	0.003322	0.301201	0.476806	YBL008W	0.003322	0.080822	0.185281	YBL008W	0.003322	0.29327	0.461845
	YPL106C	0.003322	0.165286	0.323921					YPL106C	0.003322	0.152789	0.108816
PLATE2									YML071C	0.003322	0.059717	0.032034
PLATE3												
PLATE4												
PLATE5	YIR019C	0.003322	0.043842	0.122526					YIR019C	0.003322	0.057981	0.12969
PLATE6					YJL179W	0.003322	0.016129	0.00986	YJL179W	0.003322	0.059246	0.07609

Time	X3	15_SAM_p	15_SAM_s	15_SAM_z-prime
	YBL008W	0.003322	0.222894	0.658763
	YPL106C	0.003322	0.115472	0.145677
	WT	0.003322	0.021334	0.136736
	YIL170W	0.003322	0.027687	0.350501
	YNL127W	0.003322	0.022863	0.165515
	YPL036W	0.003322	0.037262	0.452075
	YML071C	0.003322	0.028489	0.222298
	YMR095C	0.003322	0.027328	0.041577
	YIR019C	0.003322	0.010794	0.457845
	YJL179W	0.003322	0.010746	0.516765
	YKL037W	0.003322	0.027794	0.231761
	YNL322C	0.003322	0.013199	0.469316

Final Hit Strain List 5uM

PLATE1	YGR285C		
PLATE2	YNL098C		
PLATE3	YML071C		
PLATE4	YGL005C	YJR073C	YMR095C
PLATE5	YIR019C		
PLATE6	YNL197C	YNL322C	YKL037W

Final Hit Strain List 15uM

YBL008W	YPL106C
YIR019C	
YJL179W	

Criteria

Must be a hit in 3 or more of the dist measurements ca

lc