

\$slcompose,+ zpq-pnas zpq-pnas zpq69908 zpq4406-08a\$sl

<zkeybdr;disk;bc>

<XXzpq999084406XX>

<<tt>>Dataset S1. DNA array expression results

ORF	Systematic Name	<i>hho1Δ</i> 25 ^o vs. wild type 25 ^o fold change	<i>hho1Δ</i> 37 ^o vs. wild type 25 ^o fold change	wild type 37 ^o vs. wild type 25 ^o fold change	<i>hho1Δ</i> 37 ^o vs. wild type 37 ^o fold change
TFC3	YAL001C	-1.127008794	-1.200325563	1.436863529	-1.197061509
VPS8	YAL002W	1.292310597	-1.249348262	1.00504949	1.243071386
EFB1	YAL003W	-1.34428878	-1.716528121	1.080885285	-1.855369987
YAL004W	YAL004W	1.215799781	2.732580938	3.859331644	-1.412339372
SSA1	YAL005C	1.086284162	7.615557156	10.65345608	-1.398906981
ERP2	YAL007C	1.088487211	-1.380233408	-1.388755536	1.006174411
FUN14	YAL008W	1.008480841	3.20906489	3.289533196	-1.025075313
SPO7	YAL009W	-1.013941289	-1.027134047	-1.076737468	1.105953713
MDM10	YAL010C	-1.274199674	-1.489049069	1.426407679	1.043915489
SWC1	YAL011W	1.030376105	-1.042827164	-1.425687185	1.367136601
CYS3	YAL012W	1.208192749	-1.20374282	-1.110777864	-1.083693562
DEP1	YAL013W	-1.033726124	-1.255613385	1.555001824	-1.238439987
UIP2	YAL014C	1.115276678	-1.333404109	1.400026038	-1.049963795
NTG1	YAL015C	-1.002887403	2.088398736	1.993947438	1.047369001
TPD3	YAL016W	1.006426892	-1.369419011	1.502331779	-1.097057779
PSK1	YAL017W	1.025023516	3.29186974	3.079019252	1.069129314
FUN30	YAL019W	1.239541467	-3.903759662	-5.481268696	1.404099937
ATS1	YAL020C	1.021304128	-1.025302481	1.240890646	-1.272288257
CCR4	YAL021C	1.365952104	-1.231379875	-1.257312851	1.548229741
FUN26	YAL022C	1.091813424	-1.044432246	1.074994315	-1.029261897
PMT2	YAL023C	1.226980314	-1.188914975	-1.535485005	1.291501107
LTE1	YAL024C	1.036299177	-1.219797365	-1.200949424	-1.015694201
MAK16	YAL025C	-1.163707629	-26.41456723	-29.34600816	1.110978192
DRS2	YAL026C	1.053476882	-1.295774504	-1.233809484	-1.050222519
YAL027W	YAL027W	-1.119529844	-1.152368764	-1.043849758	-1.103960369
YAL028W	YAL028W	1.143385868	3.473051204	3.004049624	1.156123113
MYO4	YAL029C	1.069459235	-1.788045103	-2.451162865	1.370861876
SNC1	YAL030W	-1.069637254	-1.532805283	2.025636074	-1.321522111
FUN21	YAL031C	1.129808199	-1.908164845	1.546073888	1.234200293
PRP45	YAL032C	-1.096786392	-1.155360514	1.184239997	-1.024996079
POP5	YAL033W	-1.103749731	-2.903866834	-2.656835765	-1.092979428
FUN19	YAL034C	-1.036487377	3.463720055	4.49629891	-1.298112676
MTW1	YAL034W-A	-1.145683137	-1.245397923	-1.444829436	1.160134773
FUN12	YAL035W	1.195892324	-3.376042364	-4.292093383	1.271338721
FUN11	YAL036C	-1.078152335	-8.269297433	-6.427850262	-1.286479476
YAL037W	YAL037W	1.272755332	-1.265026788	-1.677672995	1.326195627
CYC3	YAL039C	-1.025520132	-1.354780402	1.280460908	1.058041205
CLN3	YAL040C	1.371801543	-1.20268295	-1.483702088	1.784423206

CDC24	YAL041W	-1.026889852	-1.262754008	1.297570985	-1.027572256
KRE23	YAL042C-A	-1.090086489	-1.264091933	1.320707792	-1.04478777
ERV46	YAL042W	-1.04212588	-1.766681714	-1.518241818	-1.163636578
PTA1	YAL043C	1.249617783	-1.070833179	-1.259117238	1.348304515
GCV3	YAL044C	-1.201675785	-1.26638936	1.607630187	-1.269459645
YAL044W-A	YAL044W-A	1.060830157	-1.689015674	-1.513033239	-1.116311017
YAL046C	YAL046C	-1.27303654	-1.716144586	-1.00463245	-1.708231289
SPC72	YAL047C	1.136684479	-1.299145914	1.027471863	1.26441021
YAL048C	YAL048C	1.199426501	-1.709109452	1.28110855	1.334086368
YAL049C	YAL049C	-1.123042666	-1.431988635	1.706730065	-1.191860063
OAF1	YAL051W	1.068505947	-1.542000707	1.370501564	1.125136043
YAL053W	YAL053W	1.350384546	-1.583878025	1.24924866	1.267864497
ACS1	YAL054C	1.198173028	3.928241962	3.351407675	1.172117016
PEX22	YAL055W	-1.298079047	-1.545955919	2.023142784	-1.308667834
GPB2	YAL056W	-1.240234258	-1.021073935	1.167370106	-1.191971187
CNE1	YAL058W	1.037133055	-1.114578261	-1.133713832	1.263612791
ECM1	YAL059W	-1.30591163	-12.44070969	-11.82015834	-1.052499411
BDH1	YAL060W	1.050770937	6.612626684	6.976360882	-1.055006009
YAL061W	YAL061W	-1.264770865	18.98705824	26.18398032	-1.379043556
GDH3	YAL062W	1.027028096	2.215343462	1.569298366	1.41167767
FLO9	YAL063C	1.124592074	-1.278734316	-1.061636549	1.357551086
SEO1	YAL067C	-1.225925068	-1.138992453	1.086967683	-1.238047988
YAL068C	YAL068C	1.102262747	-1.053709992	-1.13667812	1.078739055
YAL069W	YAL069W	1.255414987	-1.000486922	-1.450818521	1.451524958
ERP1	YAR002C-A	1.251361979	-1.455265083	-1.612563838	1.108089417
NUP60	YAR002W	-1.040894583	-1.569973023	-2.0209217	1.287233392
SWD1	YAR003W	1.070257515	-1.647958924	-1.744016891	1.058289054
RFA1	YAR007C	-1.170773761	-1.137098141	1.084157627	1.048831012
SEN34	YAR008W	-1.216404815	-4.47606285	-3.84186425	-1.165075744
BUD14	YAR014C	-1.146734396	-1.40846976	-1.288545527	-1.093069458
ADE1	YAR015W	-1.187402261	-2.879169495	-2.644760006	-1.088631667
KIN3	YAR018C	-1.072792928	-1.14215752	-1.059234298	1.209812419
CDC15	YAR019C	1.317611157	2.429646757	1.632677237	1.488136603
PAU7	YAR020C	1.117113213	-1.966549123	1.878317262	1.046973886
YAR023C	YAR023C	1.146132056	2.025067337	1.684409776	1.202241501
UIP3	YAR027W	-1.103934172	2.27807824	2.812768243	-1.234710991
YAR028W	YAR028W	-1.000540672	-1.274254347	-1.285495594	1.008821824
YAR029W	YAR029W	-1.127280081	-1.148311345	1.04473887	1.09913719
YAR030C	YAR030C	-1.147013253	-2.072070994	-1.704690275	-1.215511712
PRM9	YAR031W	1.000556345	-1.623921397	-1.434063936	-1.132391211
YAR033W	YAR033W	1.008916271	-1.062940137	1.035562772	-1.100741235
YAT1	YAR035W	1.087316431	2.085706386	2.112836983	-1.013007869
OSH1	YAR044W	-1.043933947	2.330491082	2.452454944	-1.052333975
FLO1	YAR050W	-1.041341205	-1.226734435	1.097112623	1.118148136
YAR053W	YAR053W	1.206080683	-1.527813884	1.271531891	-1.942664078
YAR060C	YAR060C	1.030121182	-1.715159693	1.664301682	1.030558168
YAR062W	YAR062W	1.03303943	-1.115904295	-1.105656111	1.233806403
YAR066W	YAR066W	1.003569788	-1.655666342	-1.888669116	1.140730513
YAR068W	YAR068W	1.097772269	-1.037642053	1.096638364	-1.137918085

YAR069C	YAR069C	1.313882142	-2.162941325	-2.1153136	-1.02251568
PHO11	YAR071W	-1.046162169	-14.59019379	-12.34567842	-1.181805753
IMD1	YAR073W	1.183125932	-5.955849572	-7.747981558	1.30090283
YAR075W	YAR075W	1.304754695	-2.897461123	-2.991437517	1.032434048
ECM15	YBL001C	1.08001819	-1.388276559	1.249986142	1.11063356
HTB2	YBL002W	1.169829782	-1.998004287	-1.872954769	-1.066765904
HTA2	YBL003C	-1.212178751	-4.027613376	-2.321354984	-1.735026914
UTP20	YBL004W	1.097568741	-15.06944241	-16.13978052	1.071027055
PDR3	YBL005W	-1.064685366	-1.039076288	1.099779873	-1.058420721
YBL006C	YBL006C	-1.150790025	-1.20799045	1.239882125	-1.497765767
SLA1	YBL007C	1.200598354	-1.714376861	1.573116932	1.089796204
HIR1	YBL008W	1.086889002	-1.377049202	-1.367352493	-1.007091594
YBL009W	YBL009W	1.038745859	-3.132494369	-3.47395271	1.109005254
YBL010C	YBL010C	-1.20593452	-1.273968426	-1.239839085	-1.027527233
SCT1	YBL011W	-1.021366651	-1.123523747	1.294538269	-1.152212645
RRN6	YBL014C	1.055300995	-1.54495193	-1.596711039	1.033502084
ACH1	YBL015W	1.123834155	4.10658402	4.151394105	-1.010911766
FUS3	YBL016W	-1.111198136	-2.250689768	-2.48200863	1.102776875
PEP1	YBL017C	1.114154941	-1.041163866	-1.285978995	1.235136021
POP8	YBL018C	-1.084710942	-3.971001872	-3.730494339	-1.064470686
APN2	YBL019W	1.03925379	2.124882676	1.584362532	1.341159383
RFT1	YBL020W	1.394675539	-2.091478986	-2.34810115	1.122698896
HAP3	YBL021C	-1.484723984	-1.735194077	1.126815783	-1.955244073
PIM1	YBL022C	1.109426119	-1.6610447	1.272531111	1.305307733
MCM2	YBL023C	1.03590951	-1.188871878	-1.040455781	-1.142645272
NCL1	YBL024W	-1.243181271	-6.851134832	-6.410041215	-1.068812914
RRN10	YBL025W	-1.127843891	-1.155881015	-1.263839195	1.093399042
LSM2	YBL026W	1.035094426	-2.834205246	-2.885457008	1.018083292
RPL19B	YBL027W	-1.095387843	-9.215387092	-9.978995572	1.082862334
YBL028C	YBL028C	-1.043202571	-3.67894482	-4.650592828	1.264110514
YBL029C-A	YBL029C-A	-1.132851018	-1.170014464	1.778711122	-1.520247123
PET9	YBL030C	1.043314788	-1.380405342	1.273793179	1.083696604
SHE1	YBL031W	-1.260606104	-1.375274876	-1.368884846	-1.004668055
HEK2	YBL032W	1.112681404	-1.761132951	-2.012753907	1.142874481
RIB1	YBL033C	-1.141578138	-1.516782953	1.817045912	-1.197960399
STU1	YBL034C	1.087314245	-1.01645887	-1.251477209	1.231212837
POL12	YBL035C	-1.11172414	-3.517245814	-3.329108825	-1.056512718
YBL036C	YBL036C	-1.234233807	-1.498552647	-1.536959221	1.025629113
APL3	YBL037W	-1.081368588	-1.244504522	-1.054323221	-1.180382352
MRPL16	YBL038W	-1.186278881	-1.210984022	1.590015779	-1.312994846
URA7	YBL039C	-1.020307927	-51.19892135	-46.58862969	-1.098957443
ERD2	YBL040C	1.136003977	-1.162810918	1.64250327	-1.412528249
PRE7	YBL041W	-1.133868506	-1.235901788	1.372655903	-1.11065128
FUI1	YBL042C	1.239023968	-11.39316696	-15.44933665	1.356017751
YBL044W	YBL044W	1.154521713	-1.050155527	-1.184780857	1.244204165
COR1	YBL045C	1.056420185	-1.878444206	1.838205505	1.021890207
YBL046W	YBL046W	-1.145917046	-1.171107106	1.110078818	-1.300021192
EDE1	YBL047C	1.248495338	-1.73548094	1.425524983	1.217432848
YBL048W	YBL048W	-1.360971999	4.936539765	10.06297194	-2.038466703

YBL049W	YBL049W	1.106496312	5.899623434	4.83622793	1.219881179
SEC17	YBL050W	-1.167184675	-1.312029594	1.296908959	1.011658979
PIN4	YBL051C	-1.037372469	-1.253905517	-1.317553875	1.050760091
SAS3	YBL052C	-1.128671142	-2.509074239	-2.345317145	-1.069823006
YBL054W	YBL054W	-1.22471694	-14.23083207	-12.12133581	-1.174031666
YBL055C	YBL055C	-1.134804375	-2.387460035	-2.106738263	-1.133249477
PTC3	YBL056W	-1.055462923	-1.126501021	1.119054226	1.006654543
YBL057C	YBL057C	-1.234333201	-1.514440149	-1.104153498	-1.371584795
SHP1	YBL058W	-1.023738459	-1.660122475	1.560934491	1.063543975
YBL059C-A	YBL059C-A	-1.136660546	-1.28840247	1.217433337	1.058294061
YBL059W	YBL059W	-1.177057826	-1.286695199	-1.067492419	-1.205343641
YBL060W	YBL060W	-1.087529646	-1.052183807	1.024112443	1.027410431
SKT5	YBL061C	-1.026209256	-1.010370748	-1.17185536	1.184008378
KIP1	YBL063W	1.080167182	-1.092189677	-1.167737728	1.069171182
YBL064C	YBL064C	-1.19421318	6.507825652	8.249331251	-1.26760176
YBL065W	YBL065W	1.274098465	-1.999678595	1.507146804	1.326797489
SEF1	YBL066C	1.172915263	-1.378024435	1.255098284	1.097941454
UBP13	YBL067C	1.12240343	-2.360562756	-1.764065114	-1.338138109
PRS4	YBL068W	1.090546913	-6.882142906	-6.25535477	-1.100200254
AST1	YBL069W	1.012067946	-1.997629204	-2.578266714	1.290663307
KTI11	YBL071W-A	1.180147674	-2.323069034	-3.097555176	1.333389207
RPS8A	YBL072C	1.060356032	-8.912881003	-6.939988348	-1.284278958
SSA3	YBL075C	1.036197903	12.44081756	17.78882527	-1.429875906
ILS1	YBL076C	1.090161647	-3.154225239	-3.908694144	1.239193098
YBL077W	YBL077W	-1.051811148	-2.985503995	-2.005961688	-1.488315561
AUT7	YBL078C	-1.230878597	5.349330322	5.370102621	-1.003883158
NUP170	YBL079W	1.168021541	-1.703865914	-2.267262136	1.330657604
PET112	YBL080C	-1.137396888	-1.696354272	1.633576642	1.038429559
YBL081W	YBL081W	1.268169856	-4.66908002	-5.292597321	1.13354179
RHK1	YBL082C	1.172746582	-3.270476297	-3.877444463	1.185590144
YBL083C	YBL083C	1.202545845	-3.754449751	-4.262864243	1.135416513
CDC27	YBL084C	1.172270337	-1.444717664	1.014300915	1.424348183
BOI1	YBL085W	1.038010613	-1.144364221	1.046024835	1.094012477
YBL086C	YBL086C	-1.022247612	2.615799387	2.255801764	1.159587438
RPL23A	YBL087C	1.137385921	-9.894622757	-6.67373943	-1.482620481
TEL1	YBL088C	1.046093299	-1.076980879	-1.418619514	1.317218849
YBL089W	YBL089W	1.115498435	-1.116381172	-1.152802045	1.032624047
MRP21	YBL090W	-1.225204736	-1.139616578	1.071097433	1.063970974
MAP2	YBL091C	-1.048219768	-1.051803425	-1.013163321	-1.03813808
YBL091C-A	YBL091C-A	-1.129585179	-1.830907978	1.875694737	-1.024461502
RPL32	YBL092W	-1.255803729	-6.350842787	-3.872257339	-1.640087998
ROX3	YBL093C	-1.124096984	-1.662011891	-1.955460401	1.17656222
YBL094C	YBL094C	1.15843976	-1.11778163	-1.226498994	1.097261719
YBL095W	YBL095W	-1.059161807	-1.185082031	1.468085638	-1.238805079
YBL096C	YBL096C	1.145514855	-1.258139044	-1.04509964	-1.203846021
BRN1	YBL097W	1.050316923	-1.098909758	-1.223546882	1.113418888
BNA4	YBL098W	-1.072511118	-1.511384486	-1.60075921	1.05913434
ATP1	YBL099W	1.551126045	-1.449714984	-1.221936896	1.771460228
YBL100C	YBL100C	1.583596287	-1.063513021	-1.013658881	1.078039418

ECM21	YBL101C	1.062936064	2.330060693	2.351398223	-1.0091575
SFT2	YBL102W	1.087029926	-1.423341234	1.471392258	-1.033759314
RTG3	YBL103C	-1.077598584	-1.080342191	1.148368402	-1.062967282
YBL104C	YBL104C	1.027938015	-1.103993701	-1.335446241	1.209650236
PKC1	YBL105C	1.088017061	-1.09745023	-1.027266416	1.127373763
SRO77	YBL106C	-1.038168758	-2.221287798	-2.364687211	1.064556881
YBL107C	YBL107C	-1.287648806	-1.278628916	1.003757835	-1.283433794
YBL108C-A	YBL108C-A	1.027701372	-1.069247656	1.120667372	-1.19827096
YBL109W	YBL109W	1.276211712	-1.178570083	-1.19835779	1.41234864
YBL111C	YBL111C	1.342880929	-1.264971272	-1.12462431	-1.12479453
YBL112C	YBL112C	1.349142713	-1.322873661	-1.119146392	-1.182038088
YBL113C	YBL113C	-1.004119799	-1.037640618	1.135528073	-1.094336569
NTH2	YBR001C	-1.213496717	4.098631121	5.00110814	-1.220189861
RER2	YBR002C	-1.173273332	-1.770494938	-1.327571507	-1.33363433
COQ1	YBR003W	1.203358468	-1.667531561	1.605965635	1.038335767
YBR004C	YBR004C	1.179658393	-1.799343595	-1.965924896	1.092578928
YBR005W	YBR005W	1.062780666	-1.827753956	1.701213757	1.074382304
UGA2	YBR006W	1.009247521	4.692309462	5.229889916	-1.114566283
YBR007C	YBR007C	1.075848073	-1.506517075	1.345611521	1.119578015
FLR1	YBR008C	1.356833892	-1.073241942	-1.260867485	1.353215868
HHF1	YBR009C	-1.320854128	-2.177923331	-1.812267024	-1.201767346
HHT1	YBR010W	-1.202614946	-2.356909372	-2.324441703	-1.013967943
IPP1	YBR011C	-1.110839962	-1.040402836	1.196866416	-1.245223213
YBR012C	YBR012C	-1.061991928	-1.167967966	-1.357684812	1.162433262
YBR013C	YBR013C	-1.120319604	-1.570402099	2.097513786	-1.335653962
YBR014C	YBR014C	-1.098482219	-1.767300515	1.514010378	1.167297491
MNN2	YBR015C	1.128660741	-1.433981271	-1.527938901	1.065522215
YBR016W	YBR016W	-1.236190264	-1.081644756	1.446136608	-1.564206078
KAP104	YBR017C	1.016834205	-1.334436416	-1.437230097	1.077031532
GAL7	YBR018C	-1.165437788	3.704642006	4.763934493	-1.285936532
GAL1	YBR020W	1.231791228	-1.469910079	-1.080994327	1.588964456
FUR4	YBR021W	1.263388805	-5.933163773	-7.235338782	1.21947397
YBR022W	YBR022W	-1.098419324	-1.07940916	1.3771234	-1.275812223
CHS3	YBR023C	1.258285593	-1.446402241	-1.653483511	1.143169904
SCO2	YBR024W	-1.152020421	-1.710195184	1.743060713	-1.019217414
YBR025C	YBR025C	1.027623537	-1.055445456	-1.149993761	1.089581422
MRF1'	YBR026C	-1.143014722	3.500624786	3.237653624	1.08122276
YBR028C	YBR028C	-1.224663591	-2.080996273	-2.029194656	-1.025528165
CDS1	YBR029C	1.218334263	-1.141266287	-1.62785591	1.426359412
YBR030W	YBR030W	-1.143997468	-2.806214906	-2.633471853	-1.065595176
RPL4A	YBR031W	-1.317698694	-8.503017611	-5.86136485	-1.450689017
YBR032W	YBR032W	1.130159191	-3.688016699	-6.915464557	1.875117474
EDS1	YBR033W	-1.421813103	5.112019341	4.875504302	1.048510887
HMT1	YBR034C	-1.03273426	-8.485058815	-10.48421783	1.235609329
PDX3	YBR035C	-1.225005097	-1.5440799	1.887446753	-1.222376351
CSG2	YBR036C	1.169717994	-1.399089501	1.373897972	1.018335807
SCO1	YBR037C	-1.113773829	-1.766728293	1.920691441	-1.087145912
CHS2	YBR038W	1.190878433	-1.143642107	-1.021395424	1.168110814
ATP3	YBR039W	-1.05133104	-1.221727705	1.067573396	1.144396919

FIG1	YBR040W	1.098853742	-8.464266712	-5.91994213	-1.42978876
FAT1	YBR041W	1.056412386	-1.236865819	-1.392797329	1.126069868
YBR042C	YBR042C	-1.019932305	-1.748879101	-1.484071899	-1.178432865
AQR2	YBR043C	1.089611941	-1.377598153	-1.328587752	-1.036889096
TCM62	YBR044C	-1.153378935	-1.187666534	1.13989737	1.041906548
GIP1	YBR045C	1.065780259	2.468116234	1.243329165	1.985086735
ZTA1	YBR046C	1.098948202	3.964611903	3.168163864	1.25139105
YBR047W	YBR047W	1.087992687	-1.562571182	1.199642559	1.302530633
RPS11B	YBR048W	1.150676101	-5.717554002	-4.595065183	-1.24428137
REB1	YBR049C	-1.041712691	-1.193521229	-1.192060306	-1.001225545
REG2	YBR050C	-1.008931489	-1.014764885	-1.011782213	-1.002947938
YBR052C	YBR052C	-1.374365439	3.307729483	4.779146942	-1.444842139
YBR053C	YBR053C	1.039048259	4.843804507	4.352486245	1.112882209
YRO2	YBR054W	1.420050019	38.88937144	24.00451539	1.620085672
PRP6	YBR055C	-1.037704694	-1.390428696	-1.605350625	1.154572421
YBR056W	YBR056W	-1.153614394	4.073977582	3.933176863	1.035798217
MUM2	YBR057C	-1.285678711	-1.02546121	-1.05928873	1.032987616
UBP14	YBR058C	-1.033061901	-1.073240061	-1.135078719	1.218211953
TSC3	YBR058C-A	-1.004712817	-1.461575477	-1.140621102	-1.28138562
AKL1	YBR059C	1.015116045	-1.845012345	1.918630092	-1.039900951
ORC2	YBR060C	-1.045313016	-1.49712348	-1.470808409	-1.01789157
TRM7	YBR061C	1.007734141	-4.454309913	-5.450903805	1.22373699
YBR062C	YBR062C	-1.429134527	2.240318391	3.289645641	-1.46838309
YBR063C	YBR063C	-1.083253609	-1.556659571	1.342511079	1.159513389
ECM2	YBR065C	1.110597132	2.141088655	1.467608654	1.458896176
NRG2	YBR066C	-1.196582029	-1.228652306	1.389233232	-1.130696801
TIP1	YBR067C	1.176566354	3.127103977	2.962019674	1.055733696
BAP2	YBR068C	1.355039628	-1.249879411	-1.210403682	1.51285864
TAT1	YBR069C	1.227000445	-4.836929989	-6.284295626	1.29923229
YBR070C	YBR070C	1.094120393	-1.225927947	-1.015642979	-1.207046149
YBR071W	YBR071W	-1.015597397	-1.119633819	-1.147902089	1.025247782
HSP26	YBR072W	-1.486157085	91.61835516	259.9034172	-2.836805101
RDH54	YBR073W	-1.094710893	-2.698413397	-2.435656081	-1.107879481
YBR074W	YBR074W	1.388931178	-1.098129494	-1.46454309	1.333670663
YBR075W	YBR075W	1.29430931	-1.042234563	-1.510024509	1.448833652
YBR077C	YBR077C	-1.11277561	-1.256900944	1.466568404	-1.166813034
ECM33	YBR078W	1.143922943	-1.681385407	-2.019660688	1.201188423
RPG1	YBR079C	1.176851628	-2.791483742	-3.96693812	1.421085876
SEC18	YBR080C	1.054688791	-1.088833274	-1.022944642	1.113816164
SPT7	YBR081C	1.069576048	-1.048311098	1.014591723	1.033234427
UBC4	YBR082C	1.011651874	-1.711259926	2.114511956	-1.235646278
TEC1	YBR083W	-1.138977479	-1.474280016	1.222776636	1.205682192
RPL19A	YBR084C-A	-1.150620046	-5.881837156	-5.370960137	-1.095118379
MIS1	YBR084W	-1.124303125	-7.578588047	-6.947605305	-1.090820177
YBR085C-A	YBR085C-A	1.061285546	6.422380674	11.93182698	-1.857851098
AAC3	YBR085W	-1.155698458	-2.037223528	-1.774455865	-1.148083516
IST2	YBR086C	1.36670404	-1.008619356	-1.493552046	1.506425503
RFC5	YBR087W	-1.135573008	-1.896465103	-2.105808892	1.110386313
POL30	YBR088C	-1.066484641	-6.212963579	-5.439399729	-1.14221493

NHP6B	YBR089C-A	1.039234629	-1.575107566	2.171304769	-1.378512056
YBR090C	YBR090C	1.170848949	-1.347964714	2.345664004	-1.740152379
MRS5	YBR091C	-1.183137629	-2.440074966	-1.479057004	-1.649750455
PHO3	YBR092C	1.168307152	-4.519171655	-6.088817197	1.347330365
PHO5	YBR093C	1.214221182	-4.592205129	-4.761427689	1.036849957
YBR094W	YBR094W	-1.13224907	-1.312278569	-1.238163994	-1.059858448
RXT2	YBR095C	-1.130247435	-1.001516251	-1.039232019	1.037658669
YBR096W	YBR096W	1.231207581	-1.467123881	1.048357856	1.399449504
VPS15	YBR097W	1.138102661	-1.245985307	-1.050883784	1.309385753
MMS4	YBR098W	-1.26218036	-1.266538892	1.668663737	-1.31749901
YBR099C	YBR099C	1.294843321	-1.727029373	1.721497526	1.003213392
YBR100W	YBR100W	-1.044567022	-1.152615552	1.18957689	-1.032067359
YBR101C	YBR101C	-1.046653005	4.561379017	8.509310325	-1.865512665
EXO84	YBR102C	-1.047583688	-1.300307521	1.359902084	-1.045831129
SIF2	YBR103W	-1.101392533	-1.152122791	1.196001774	-1.038085336
YMC2	YBR104W	-1.163467462	-13.70640317	-13.48021604	-1.016779192
VID24	YBR105C	-1.039041612	2.24317997	2.218691543	1.011037329
PHO88	YBR106W	-1.014728715	-3.285681489	-3.184622153	-1.031733541
IML3	YBR107C	-1.153455959	-1.220029751	1.282338003	-1.051071092
YBR108W	YBR108W	-1.121332518	2.325138156	2.269948425	1.024313209
CMD1	YBR109C	1.062173178	-1.014779695	1.125550863	-1.142186162
ALG1	YBR110W	1.156714305	-1.000261394	-1.271165149	1.271497425
YSA1	YBR111C	-1.252020583	-1.81550903	1.900152776	-1.046622597
CYC8	YBR112C	1.096358354	-1.129578459	1.277642544	-1.131079061
RAD16	YBR114W	1.041630956	3.094874565	2.829019925	1.093974114
LYS2	YBR115C	1.021685845	-2.128462035	-2.006418996	-1.060826297
YBR116C	YBR116C	1.209369193	71.23627823	90.02431445	-1.263742531
TKL2	YBR117C	1.3665099	36.4853085	43.33434124	-1.187720291
MUD1	YBR119W	-1.185798042	-1.045735083	1.007508559	1.037941637
CBP6	YBR120C	-1.235198034	-1.025683023	1.353235764	-1.319350845
GRS1	YBR121C	-1.070884736	-3.486572114	-3.627564781	1.040438764
MRPL36	YBR122C	-1.02911794	-1.081593116	-1.100257504	1.190030942
TFC1	YBR123C	1.008294159	-1.108061384	-1.1836099	1.068180805
PTC4	YBR125C	-1.001975536	-1.197265767	-1.230506686	1.027764027
TPS1	YBR126C	1.041195372	9.743357958	12.36697988	-1.269272866
VMA2	YBR127C	-1.028858152	-1.149519879	-1.125460298	-1.021377547
APG14	YBR128C	1.15190044	-1.610326176	1.010622599	1.593400126
OPY1	YBR129C	-1.034642102	-1.118105376	-1.718892732	1.537326239
SHE3	YBR130C	-1.271310958	-1.346713741	-1.278929994	-1.053000357
CCZ1	YBR131W	-1.095280445	-1.22507903	-1.243366723	1.014927766
AGP2	YBR132C	1.316205928	5.772355203	4.312318366	1.338573527
HSL7	YBR133C	1.184007675	-1.078750289	-1.438358207	1.333356035
CKS1	YBR135W	1.099545736	-2.075481272	-1.863137436	-1.113971107
MEC1	YBR136W	-1.080271876	-1.138115722	-1.089826273	1.240348415
YBR137W	YBR137W	-1.241549153	2.720986343	2.950646482	-1.084403268
HDR1	YBR138C	-1.096686885	-1.520691039	1.410990862	1.077746908
YBR139W	YBR139W	1.150837083	6.158735923	5.339348974	1.153461958
IRA1	YBR140C	1.183121129	-1.076139654	-1.137413075	1.224015313
YBR141C	YBR141C	-1.213045021	-6.150883905	-6.064956326	-1.014167881

MAK5	YBR142W	-1.093370966	-13.71708789	-11.92532277	-1.150248773
SUP45	YBR143C	1.063246521	-4.888984595	-5.900964395	1.206991816
ADH5	YBR145W	1.054015692	-1.008238925	-1.043379504	1.034853424
MRPS9	YBR146W	-1.267118169	-1.140391337	-1.193081992	1.046204012
YBR147W	YBR147W	1.214840509	9.440416742	5.631165202	1.676458851
YSW1	YBR148W	1.214046688	-1.27048085	-1.034630606	1.314478372
ARA1	YBR149W	-1.13342905	2.757913245	3.04942205	-1.105699049
TBS1	YBR150C	-1.014263066	-1.495117408	1.461286055	1.023151766
APD1	YBR151W	-1.071912703	-1.23762854	1.198292886	1.03282641
SPP381	YBR152W	-1.056543549	-1.157335766	-1.212331337	1.047519115
RIB7	YBR153W	-1.08519143	-1.486021603	-1.543715914	1.038824678
RPB5	YBR154C	-1.133749739	-3.214324089	-3.722414637	1.158070728
CNS1	YBR155W	-1.048032979	-4.127824492	-4.568236742	1.106693551
SLI15	YBR156C	1.054498978	-1.085671225	-1.170841641	1.271149078
ICS2	YBR157C	1.070755748	-1.462754133	1.289207956	1.134614572
CST13	YBR158W	1.141830839	-1.369272815	-2.164454978	1.580733184
YBR159W	YBR159W	1.12350605	-1.275238265	-1.202931908	-1.060108438
CDC28	YBR160W	1.006705318	-1.308637708	1.023386923	1.2787321
YBR161W	YBR161W	1.069619389	2.500910769	1.93335286	1.29356147
TOS1	YBR162C	-1.019179979	-3.104911847	-2.515189845	-1.234464211
YSY6	YBR162W-A	-1.284868746	-3.478826413	-1.737871006	-2.001774814
DEM1	YBR163W	1.032369261	-1.953193611	-2.399878165	1.228694458
ARL1	YBR164C	-1.104277167	-1.641983863	-1.891181909	1.15176644
UBS1	YBR165W	-1.098240242	-1.123286277	1.10791333	-1.24450384
TYR1	YBR166C	-1.11293291	-1.505159937	-1.663292309	1.105060179
POP7	YBR167C	-1.10259764	-1.342936466	-1.313662607	-1.022284154
YBR168W	YBR168W	1.194466064	-1.279269025	-1.231013214	1.574797074
SSE2	YBR169C	-1.175764262	14.34272128	19.23368592	-1.341006742
NPL4	YBR170C	1.035976494	-1.812318643	1.837772738	-1.014045044
SEC66	YBR171W	1.039170189	-1.231311451	-1.737521266	1.411114357
SMY2	YBR172C	1.152776886	-1.67601706	-2.702740898	1.612597486
UMP1	YBR173C	-1.284867715	-1.160491479	1.323873313	-1.536343699
SWD3	YBR175W	1.016504197	-1.072004161	-1.001559002	-1.070335505
ECM31	YBR176W	1.048434219	-1.179011156	-1.217265163	1.032445839
EHT1	YBR177C	1.24320844	2.993387389	2.330766344	1.28429321
FZO1	YBR179C	-1.023217868	-1.103108303	1.009966556	1.092222605
DTR1	YBR180W	1.33526896	-1.001132041	-1.262061535	1.26349024
RPS6B	YBR181C	-1.27230188	-9.791088539	-10.00655595	1.022006482
SMP1	YBR182C	1.234525795	-1.301440004	1.004379971	1.295764593
YPC1	YBR183W	1.158331662	6.002218784	5.01187151	1.197600292
YBR184W	YBR184W	1.192317647	-1.216936193	-1.483141461	1.804888523
MBA1	YBR185C	-1.065655383	-1.227076815	1.400191538	-1.141078962
YBR187W	YBR187W	1.157140222	-2.914930033	-3.847681282	1.319990956
RPS9B	YBR189W	-1.179569718	-23.09920075	-16.49818941	-1.400105199
YBR190W	YBR190W	-1.062438056	-3.848066386	-2.721397552	-1.414003765
RPL21A	YBR191W	-1.080688644	-13.12983037	-7.556086618	-1.737649532
RIM2	YBR192W	-1.124067468	-1.499272027	-2.067135468	1.378759445
MED8	YBR193C	-1.181176704	-1.385483221	1.681822144	-1.213888497
YBR194W	YBR194W	-1.136334334	-1.231959335	1.239436787	-1.006069561

MSI1	YBR195C	-1.045303068	-1.464790283	-2.002726868	1.36724478
PGI1	YBR196C	-1.022972888	-1.235980293	1.041105166	-1.286785469
YBR197C	YBR197C	-1.173441055	-1.456347319	-1.406950651	-1.035109026
TAF5	YBR198C	-1.091378647	-1.347413181	-1.050389842	-1.282774382
KTR4	YBR199W	-1.249417996	-1.577949669	1.790113649	-1.13445548
BEM1	YBR200W	-1.108594293	-1.034416927	1.007911377	-1.042600589
DER1	YBR201W	-1.546878024	-1.396345155	2.425175969	-1.736802652
CDC47	YBR202W	-1.02258126	-1.908297842	-2.005493726	1.050933288
YBR203W	YBR203W	-1.000277226	3.3551	3.332351004	1.006826711
YBR204C	YBR204C	-1.271930384	2.156717641	1.879464766	1.14751693
KTR3	YBR205W	1.031592069	-1.599335909	-1.998563078	1.249620588
YBR206W	YBR206W	-1.13296046	-2.085540181	-1.597954901	-1.305130814
FTH1	YBR207W	1.064080573	-1.185252785	1.069424723	1.108308757
DUR1,2	YBR208C	1.046413838	-2.877544771	-3.298795765	1.146392507
YBR210W	YBR210W	-1.050532508	-2.351398297	-1.515051265	-1.552025566
AME1	YBR211C	-1.116758818	-1.167025788	1.065993912	1.094777161
NGR1	YBR212W	1.226696281	2.170372845	1.937301795	1.120307043
MET8	YBR213W	1.041095926	-2.891205204	-2.730288546	-1.058937601
SDS24	YBR214W	1.164076947	6.696336922	6.978304102	-1.042107675
HPC2	YBR215W	-1.195622974	-1.02248945	-1.016546178	1.039407743
YBR216C	YBR216C	1.121951771	-1.613378639	1.311579458	1.230103619
APG12	YBR217W	-1.280313485	-1.052682226	1.32383407	-1.257581859
PYC2	YBR218C	1.059921343	-1.427564181	-1.35974127	-1.049879277
YBR220C	YBR220C	1.237714045	-1.787681261	-2.691768891	1.505732007
PDB1	YBR221C	1.023620555	-1.228173131	-1.592568588	1.296697142
FAT2	YBR222C	1.125090071	-1.389961384	1.060737	1.310373243
TDP1	YBR223C	-1.022105835	-1.795127498	2.245345654	-1.2508001
YBR225W	YBR225W	1.18529187	-1.751828357	1.508136645	1.161584637
MCX1	YBR227C	-1.118916224	-1.012223587	-1.041948169	1.054684513
SLX1	YBR228W	-1.12711406	-1.253936779	1.295442836	-1.033100598
ROT2	YBR229C	1.207160763	-1.462003183	1.233417303	1.185327285
YBR230C	YBR230C	1.063355682	6.088635548	7.634054664	-1.25382027
AOR1	YBR231C	-1.04922543	-1.428324136	1.542752458	-1.080113693
PBP2	YBR233W	-1.249086406	-1.02687432	1.17630385	-1.14551881
DAD3	YBR233W-A	1.149596057	-1.387485173	-1.771258015	1.276595994
ARC40	YBR234C	1.022065502	-1.275688531	1.576177004	-1.23555003
YBR235W	YBR235W	1.194478104	-1.168201601	-1.460446042	1.250166102
ABD1	YBR236C	-1.278101856	-1.186768449	1.495082614	-1.259793024
PRP5	YBR237W	1.002010225	-1.331700174	-1.001418881	1.333589698
YBR238C	YBR238C	1.335856643	-4.366300123	-5.571223316	1.275959774
YBR239C	YBR239C	1.014731891	-1.226108575	-1.290048297	1.052148499
THI2	YBR240C	1.50539757	2.170441068	-1.003089087	2.17714575
YBR241C	YBR241C	1.017549672	4.532979589	4.817187576	-1.06269783
YBR242W	YBR242W	-1.326170318	-4.375497471	-4.481099742	1.024134917
ALG7	YBR243C	1.616744939	-1.251587943	-1.605125113	1.282470899
GPX2	YBR244W	1.191348132	-3.43447066	-4.461167485	1.298938884
ISW1	YBR245C	1.133086993	-1.347594316	-1.607167229	1.192619477
YBR246W	YBR246W	1.249790011	-1.096575969	-1.451162124	1.323357583
ENP1	YBR247C	-1.017296654	-15.56837769	-17.98880383	1.155470672

HIS7	YBR248C	-1.184494642	-2.533859715	-2.113608071	-1.198831397
ARO4	YBR249C	1.068822056	-3.520256687	-4.020628758	1.142140791
MRPS5	YBR251W	-1.242218372	-1.105289719	1.013827888	1.090214357
DUT1	YBR252W	1.015181717	-3.072767555	-2.470691777	-1.243687126
SRB6	YBR253W	-1.1641417	-1.038322048	1.140506049	-1.098412628
TRS20	YBR254C	-1.059857039	-2.075102325	-1.873268343	-1.107744297
YBR255W	YBR255W	-1.02224536	-1.135693957	1.202241961	-1.058596776
RIB5	YBR256C	-1.347047165	-1.295677093	1.6331556	-1.260464979
POP4	YBR257W	-1.388745157	-2.253760866	-1.428739807	-1.57744668
SHG1	YBR258C	-1.124450804	-1.030977245	1.10554217	-1.139788821
YBR259W	YBR259W	-1.296161953	-1.344442788	-1.290722484	-1.041620336
RGD1	YBR260C	-1.010659558	-1.2334202	1.137903836	1.083940629
YBR261C	YBR261C	-1.273684894	-1.315110095	-1.185764611	-1.109081922
YBR262C	YBR262C	-1.072537219	-1.067380629	1.158556276	-1.236620527
SHM1	YBR263W	1.378986529	-4.040291617	-4.076778489	1.009030752
YPT10	YBR264C	-1.028248539	-1.01667343	1.097730394	-1.116033325
TSC10	YBR265W	1.123769756	-1.580750809	-2.108792809	1.334045061
YBR267W	YBR267W	-1.114971232	-11.78508937	-14.42062709	1.223633239
MRPL37	YBR268W	-1.265672989	-2.160797018	-1.067499963	-2.024165895
YBR269C	YBR269C	-1.060441557	2.774118795	2.669762862	1.039088092
YBR270C	YBR270C	-1.220990895	-1.031603319	1.073386918	-1.040503552
YBR271W	YBR271W	1.045166976	-3.210567229	-4.89565469	1.524856618
HSM3	YBR272C	-1.260064652	-1.477110298	1.594829971	-1.079695926
YBR273C	YBR273C	-1.06191287	2.161577842	2.309321313	-1.068349828
CHK1	YBR274W	1.269290241	-1.265298674	-1.172624824	1.483720635
RIF1	YBR275C	1.184238891	-2.437835531	-2.317219103	-1.052052232
PPS1	YBR276C	1.035162097	-1.687674082	-2.07099398	1.227129102
DPB3	YBR278W	-1.272608097	-1.156998545	1.077996748	-1.247240669
PAF1	YBR279W	-1.229227279	-1.43956404	1.523792549	-1.058509734
YBR280C	YBR280C	1.02926821	5.269921141	5.498992344	-1.043467672
YBR281C	YBR281C	1.01902459	-1.480312191	-1.633220922	1.103294921
MRPL27	YBR282W	-1.270470521	-1.061553583	1.730195879	-1.629871451
SSH1	YBR283C	1.370749114	-2.077859291	-2.668904578	1.284449139
YBR284W	YBR284W	1.284975338	2.583638955	1.820762765	1.418987143
YBR285W	YBR285W	-1.173288572	7.536717513	10.21808384	-1.355773759
APE3	YBR286W	1.137952003	-1.358052911	1.520954161	-1.119952064
YBR287W	YBR287W	1.710956943	2.400157755	2.531039444	-1.054530453
APM3	YBR288C	-1.085566266	-1.483382289	-1.51188727	1.019216207
SNF5	YBR289W	-1.135062799	-1.032518688	1.22711401	-1.267018148
BSD2	YBR290W	-1.152104217	-1.879829118	2.195141373	-1.167734531
CTP1	YBR291C	1.158174922	-1.656065333	-1.950326253	1.177686782
YBR292C	YBR292C	1.285550704	-1.680423823	-1.917758118	1.141234784
YBR293W	YBR293W	1.145646868	-1.083597378	-1.22576285	1.131197688
PCA1	YBR295W	1.059258378	-1.077488862	1.432757609	-1.329719184
PHO89	YBR296C	1.447387452	-9.145551577	-11.60043701	1.268423988
MAL33	YBR297W	-1.018730114	-1.136316173	-1.066418135	1.211788174
MAL31	YBR298C	1.360860733	3.037919021	2.21348721	1.372458358
MAL32	YBR299W	-1.277364654	2.641777574	2.684327929	-1.016106714
YBR300C	YBR300C	1.508325874	-1.000068389	-2.241752139	2.241598836

DAN3	YBR301W	1.012188855	-1.062678831	1.129767656	-1.200580173
COS2	YBR302C	1.098052308	-1.590008032	1.641278821	-1.032245617
RER1	YCL001W	1.102364959	-1.505175901	-1.33072848	-1.131091672
YCL002C	YCL002C	1.068088771	-2.25616943	-2.14139738	-1.053596802
PGS1	YCL004W	1.172696513	-1.774505991	1.580160942	1.122990668
YCL005W	YCL005W	1.158697942	-1.191646504	-1.216681994	1.021009158
CWH36	YCL007C	1.389734047	-1.498628401	-1.594252876	1.063807997
STP22	YCL008C	-1.080733981	-1.457244678	1.338639442	1.088601331
ILV6	YCL009C	-1.004320117	-1.575893784	-1.387141944	-1.136072477
SGF29	YCL010C	1.300145581	-1.531442616	1.404696235	1.090230455
GBP2	YCL011C	1.087593307	-1.216043803	-1.240966329	1.02049476
BUD3	YCL014W	1.031003276	-1.645508303	-1.52935	-1.075952727
DCC1	YCL016C	-1.149978487	-1.04025282	-1.174920386	1.129456573
NFS1	YCL017C	1.037565744	-1.001053742	1.155150175	-1.153934226
YCL021W-A	YCL021W-A	1.172587429	-1.364260077	-1.12685414	-1.210680273
KCC4	YCL024W	1.115717628	-1.571175674	-2.146742133	1.366328519
AGP1	YCL025C	1.375119116	-1.227653872	-1.172374013	1.439269496
FRM2	YCL026C-A	1.262064191	-1.428890514	-2.198660496	1.538718659
YCL027C-A	YCL027C-A	1.155213204	2.371554977	3.088075046	-1.302130912
FUS1	YCL027W	-1.128429077	-1.453917876	-1.524296957	1.048406504
RNQ1	YCL028W	-1.080408256	-1.18282037	-1.120918694	-1.055224056
BIK1	YCL029C	-1.163100712	-1.338000116	-1.322585577	-1.011654852
HIS4	YCL030C	-1.073571731	-2.019182352	-1.89821189	-1.06372864
RRP7	YCL031C	-1.250958966	-1.953309556	-1.624922274	-1.202094148
STE50	YCL032W	-1.096400421	-1.11747011	1.116538023	1.000834801
YCL033C	YCL033C	-1.329487483	-1.077046863	1.658317924	-1.539689666
LSB5	YCL034W	-1.186267389	-1.195500587	1.802043015	-1.507354355
GRX1	YCL035C	-1.223544065	3.744944793	4.860333668	-1.297838537
GFD2	YCL036W	-1.040228279	-6.422793514	-6.073579951	-1.057497154
SRO9	YCL037C	1.101866074	-9.538264131	-8.949052884	-1.065840626
AUT4	YCL038C	1.233918177	-1.273115108	-1.335141796	1.699789193
YCL039W	YCL039W	1.069220343	-1.763762024	1.469627484	1.200142243
GLK1	YCL040W	1.092997332	10.57019795	13.96994051	-1.321634711
YCL041C	YCL041C	1.216771077	-1.606608099	2.130329804	-1.325979749
PDI1	YCL043C	1.012515074	-1.502386364	2.239694451	-1.490757973
YCL044C	YCL044C	1.369939045	2.817483278	2.064368872	1.364815812
YCL045C	YCL045C	1.169095506	-1.201574095	-1.552883791	1.292374558
YCL047C	YCL047C	1.001073883	2.27561794	2.493250843	-1.095636837
YCL049C	YCL049C	-1.042784054	-1.62836332	-1.494361273	-1.089671788
APA1	YCL050C	-1.040956055	2.372244385	3.397990802	-1.432394918
LRE1	YCL051W	1.085099635	-1.958470207	1.653005155	1.184793769
PBN1	YCL052C	-1.236624208	-1.746912479	2.408109381	-1.378494578
SPB1	YCL054W	-1.089594621	-24.25230739	-30.52130281	1.25849068
KAR4	YCL055W	-1.313308362	-1.479360253	-1.306990375	-1.131883051
YCL056C	YCL056C	1.06167518	-1.312963328	-1.27726158	-1.02795179
YCL057C-A	YCL057C-A	1.005217043	-1.097895905	1.281859434	-1.407348222
PRD1	YCL057W	1.362490333	-1.542309785	-1.007649828	1.554108189
KRR1	YCL059C	-1.081258207	-8.180367221	-6.774107775	-1.207593309
MRC1	YCL061C	1.07305052	-1.208808002	-1.410416359	1.166782779

YCL063W	YCL063W	-1.103399153	-1.596229743	-1.423917523	-1.121012782
CHA1	YCL064C	-1.408045562	4.440283421	4.734656983	-1.06629612
HMLALPHA1	YCL066W	-1.053740818	-1.104035642	1.134818963	-1.252880583
HMLALPHA2	YCL067C	-1.045092224	-1.339413364	1.590030475	-1.187109609
YCL068C	YCL068C	1.104025457	-1.467562029	1.101388289	1.33246562
YCL073C	YCL073C	1.8220862	-1.58813309	-1.255953308	1.994621008
CDC10	YCR002C	1.120479462	-1.009430614	-1.083412223	1.093629465
MRPL32	YCR003W	-1.26909991	-1.619399097	-1.104413354	-1.466298004
YCP4	YCR004C	-1.038689974	-1.848865385	1.62214122	1.139768451
CIT2	YCR005C	1.109074912	3.445528106	2.308343546	1.492640952
YCR006C	YCR006C	1.01606168	-1.320209908	1.131757343	1.166513225
YCR007C	YCR007C	-1.044267767	-1.71002702	2.250607638	-1.316124021
SAT4	YCR008W	1.17272118	-1.656866077	1.333876233	1.242143787
RVS161	YCR009C	-1.140074205	-1.543604736	1.504290371	1.026134824
ADY2	YCR010C	1.04730546	5.200988691	5.128215408	1.014190762
ADP1	YCR011C	-1.032784136	2.29834336	2.796693496	-1.216830151
YCR013C	YCR013C	1.125233982	-1.220305198	1.811245357	-1.484256037
POL4	YCR014C	-1.030466747	-1.316818836	-1.789467754	1.35893238
YCR015C	YCR015C	-1.17159719	-1.27788936	1.283472035	-1.004368669
YCR016W	YCR016W	-1.062575835	-8.392941668	-11.10754047	1.323438302
CWH43	YCR017C	1.218780576	-1.664442539	-2.002141969	1.20289041
SRD1	YCR018C	1.008459307	-1.020499126	1.453048737	-1.423860835
MAK32	YCR019W	-1.107470306	-1.289638118	-1.12333086	1.448690295
PET18	YCR020C	-1.0972184	-1.555632582	-1.429337898	-1.088358872
MAK31	YCR020C-A	-1.075376443	-3.764787685	-1.819647474	-2.06896541
HSP30	YCR021C	-1.074369832	50.29460205	82.42076836	-1.638759728
YCR023C	YCR023C	1.205225733	-1.100508518	-1.424908685	1.294772973
YCR024C	YCR024C	1.132257884	-1.779153416	1.33078918	1.336916052
PMP1	YCR024C-A	1.261246945	-3.472299232	-3.49797389	1.007394138
YCR025C	YCR025C	1.051509868	-1.393486113	-1.167707054	1.627183564
YCR026C	YCR026C	1.041013305	-1.291408917	1.098840903	1.175246493
RHB1	YCR027C	1.109151062	-1.0940278	-1.223421481	1.118272755
FEN2	YCR028C	1.27654429	-1.404802009	-1.776589768	1.264654917
RIM1	YCR028C-A	1.238734531	-1.911077649	-1.556323789	-1.22794348
SYP1	YCR030C	1.294228199	2.592294974	1.733981563	1.494995696
RPS14A	YCR031C	1.198820049	-5.355618181	-3.320404195	-1.612941638
BPH1	YCR032W	-1.009322645	-1.030824208	-1.056488695	1.089054122
SNT1	YCR033W	1.08862396	-1.240579107	1.040380575	1.192428172
FEN1	YCR034W	1.251354533	-4.815594983	-5.139864675	1.06733741
RRP43	YCR035C	-1.200687718	-1.662780222	-1.586879319	-1.047830293
RBK1	YCR036W	-1.105360312	-1.555968872	1.763445646	-1.133342497
PHO87	YCR037C	1.060831175	-1.83891658	1.954979373	-1.063114769
BUD5	YCR038C	-1.075536018	-1.58167079	1.540754303	1.02655614
MATALPHA2	YCR039C	-1.066823058	-1.309243352	1.598184574	-1.220693289
MATALPHA1	YCR040W	-1.112167039	-1.160930292	1.181996411	-1.372215439
YCR041W	YCR041W	1.272548934	-1.048661936	1.181155618	-1.126345467
TAF2	YCR042C	-1.036424137	-1.265729299	1.525011023	-1.204847691
YCR043C	YCR043C	-1.098469321	-3.70683684	-1.528950988	-2.424431438
PER1	YCR044C	1.175235273	-1.231315513	-1.131765641	-1.087959794

YCR045C	YCR045C	1.242741055	2.523193941	2.358782978	1.069701606
IMG1	YCR046C	-1.158779185	-1.363220972	1.14020675	-1.554353754
BUD23	YCR047C	1.096068783	-9.515895574	-8.798368228	-1.081552321
ARE1	YCR048W	1.066043553	-1.140535647	-1.019221286	-1.119026519
YCR050C	YCR050C	1.695417661	-1.375947233	-1.870958098	2.574339617
YCR051W	YCR051W	-1.122756504	-3.234408518	-2.955315363	-1.09443769
RSC6	YCR052W	-1.048665961	-1.589460941	-1.480910015	-1.07330015
THR4	YCR053W	1.188444053	-1.659199044	-2.312150379	1.39353406
CTR86	YCR054C	-1.012361619	-1.885009399	-2.177190787	1.155002616
PWP2	YCR057C	-1.077723708	-25.20902995	-20.54471679	-1.227032244
YIH1	YCR059C	-1.040409155	-4.751887805	-3.68811298	-1.288433361
YCR060W	YCR060W	-1.154000116	-2.33032083	-1.540330246	-1.512870915
YCR061W	YCR061W	1.178413591	4.407267048	3.646797455	1.208530801
BUD31	YCR063W	-1.066498931	-1.782698791	-2.190395321	1.228696251
YCR064C	YCR064C	-1.069814086	-1.866377368	3.346973569	-1.793299482
HCM1	YCR065W	1.175135231	-1.204914373	-1.248940203	1.036538555
RAD18	YCR066W	1.049863365	-1.558680298	1.053407181	1.479656041
SED4	YCR067C	1.143827619	-1.452985954	1.471430959	-1.012694552
CVT17	YCR068W	1.083243758	2.422151896	2.547572011	-1.05178045
CPR4	YCR069W	1.04057737	-1.284720633	1.217997459	1.054781044
IMG2	YCR071C	-1.278710004	-1.082107453	1.348635341	-1.459368353
YCR072C	YCR072C	-1.020253868	-17.80319254	-26.12480838	1.467422672
SSK22	YCR073C	-1.072088775	-1.96717478	-1.731991709	-1.135787641
SOL2	YCR073W-A	-1.123126322	2.07504069	2.714136046	-1.307991723
ERS1	YCR075C	-1.025884974	-1.437219557	1.432217463	1.003492552
YCR076C	YCR076C	-1.044243184	2.119772546	1.992687249	1.063775837
PAT1	YCR077C	1.189375766	-1.281918639	-1.227507928	-1.044326159
YCR079W	YCR079W	1.190692191	2.396223379	1.970458609	1.216073947
SRB8	YCR081W	-1.091934689	-1.122474493	1.017320273	1.103363929
YCR082W	YCR082W	-1.133396417	-1.154143297	1.161352037	-1.006245966
TRX3	YCR083W	1.171089932	-1.628053312	1.426212528	1.141522235
TUP1	YCR084C	1.199978951	-1.155090374	-1.375770738	1.191050302
CSM1	YCR086W	-1.115596153	-1.163830076	1.012159178	-1.177981294
YCR087C-A	YCR087C-A	-1.024875526	-8.900032257	-7.527279393	-1.182370388
ABP1	YCR088W	-1.020112259	-1.481649947	1.355961921	1.092692888
FIG2	YCR089W	1.339537326	-2.214989082	-2.280703052	1.029667853
YCR090C	YCR090C	-1.281628719	-1.637673424	-1.484049109	-1.103517002
KIN82	YCR091W	1.229422967	7.727368696	6.309305331	1.224757448
MSH3	YCR092C	1.005866748	-1.340836503	-1.442837587	1.076072723
CDC39	YCR093W	1.141326893	-1.082875317	1.029659098	1.051683338
CDC50	YCR094W	-1.164809804	-1.161487236	-1.352657162	1.164590639
YCR095C	YCR095C	-1.128851066	-1.029675251	-1.052771971	1.022431072
HMRA2	YCR096C	-1.059811389	-1.368019284	1.609162673	-1.176271922
HMRA1	YCR097W	-1.077050648	-1.078676318	1.530536164	-1.418902166
YCR097W-A	YCR097W-A	1.218692752	-1.038495096	1.152882064	-1.19726237
GIT1	YCR098C	1.186928417	2.069443306	1.406786701	1.4710427
YCR099C	YCR099C	1.079612009	2.287695421	1.991840417	1.148533488
YCR100C	YCR100C	1.215849007	2.352985878	1.710925885	1.375270488
YCR101C	YCR101C	-1.00060194	-1.930178105	2.271098751	-1.176626523

YCR102C	YCR102C	-1.039433576	-3.005514399	-1.399436184	-2.147660917
PAU3	YCR104W	1.000329159	-1.185909729	1.405103664	-1.184831889
YCR105W	YCR105W	1.116709075	-1.241803246	1.175776091	1.056156232
RDS1	YCR106W	1.454051369	-1.328127839	-1.924000991	1.448656473
AAD3	YCR107W	-1.016217177	-1.417324655	-1.749465615	1.234343599
RMD1	YDL001W	-1.06847659	-1.184498498	-1.279794722	1.080452802
NHP10	YDL002C	-1.149485399	-1.041922216	-1.1079551	1.063376021
MCD1	YDL003W	-1.204348339	-2.735986169	-2.712578202	-1.008629417
ATP16	YDL004W	1.174990262	-1.512522122	1.613760962	-1.066933791
MED2	YDL005C	-1.215422065	-1.029490287	1.096362159	-1.128694194
PTC1	YDL006W	-1.239944832	-1.204756185	-1.080785224	-1.114704529
RPT2	YDL007W	-1.089861363	-1.638588502	1.609361569	1.018160575
APC11	YDL008W	-1.233209507	-1.897705071	-1.237937334	-1.532957298
YDL010W	YDL010W	-1.273937336	-1.44635385	1.718446122	-1.188122894
YDL012C	YDL012C	-1.030978504	-1.686293151	-1.264065946	-1.334023084
HEX3	YDL013W	-1.104171524	-1.139836992	1.136270199	-1.295162806
NOP1	YDL014W	1.223842447	-28.80683436	-39.66058674	1.376776992
TSC13	YDL015C	1.356680662	-1.222775039	-1.433775685	1.753185119
YDL016C	YDL016C	1.087837224	-1.024424886	-1.779408027	1.73698243
CDC7	YDL017W	-1.010558529	-1.3003752	1.137578106	1.143108498
ERP3	YDL018C	-1.105865564	-1.451147064	1.522198039	-1.04896194
OSH2	YDL019C	1.099533541	2.867645629	2.395291152	1.197201278
RPN4	YDL020C	-1.149534803	2.422329319	2.752744024	-1.136403709
GPM2	YDL021W	-1.251968771	15.12536121	14.23894111	1.062253232
GPD1	YDL022W	1.156680187	5.47461302	6.312616559	-1.153070826
YDL023C	YDL023C	1.130607986	2.865457555	2.87638188	-1.003812419
DIA3	YDL024C	1.437351698	9.395474253	7.460687347	1.259330919
YDL025C	YDL025C	-1.004514099	3.174142533	2.737615029	1.159455402
YDL026W	YDL026W	1.336819254	3.175568546	1.825241313	1.739807511
YDL027C	YDL027C	-1.027353427	2.117623761	2.359209363	-1.114083345
MPS1	YDL028C	-1.120392723	-1.259783574	1.245066979	1.011819923
ARP2	YDL029W	1.026705863	-1.265042741	1.028242319	1.230296319
PRP9	YDL030W	-1.206359382	-1.956474559	-1.548208813	-1.26370199
DBP10	YDL031W	1.079427747	-6.374082106	-8.511054671	1.335259654
YDL033C	YDL033C	-1.053647286	-1.148511259	1.021220642	-1.172883406
GPR1	YDL035C	-1.021506854	-1.930773559	1.704631087	1.132663585
YDL036C	YDL036C	-1.1472104	-1.834117817	-1.868050903	1.01850104
YDL038C	YDL038C	1.291704232	-1.56188954	-2.273689665	1.455730131
PRM7	YDL039C	1.33479721	-1.725148145	-2.505707548	1.452459347
NAT1	YDL040C	1.068461254	-1.748972109	-2.540823084	1.452752203
SIR2	YDL042C	-1.200496081	-2.084047267	-2.619735601	1.257042314
PRP11	YDL043C	-1.249853804	-1.204452006	-1.608771206	1.335687266
MTF2	YDL044C	-1.212852039	-1.000758152	1.20188486	-1.200974339
FAD1	YDL045C	-1.278976208	-1.197088214	1.434886738	-1.198647453
MRP10	YDL045W-A	-1.347928166	-1.799989251	1.784689461	-3.212421846
YDL046W	YDL046W	2.080386305	-1.343139453	1.421780102	-1.058549876
SIT4	YDL047W	1.019045511	-1.009669737	-1.286095343	1.298531546
STP4	YDL048C	1.222761935	2.655014988	2.070524227	1.282291197
KNH1	YDL049C	-1.149747893	-1.012264152	-1.007840635	1.020200946

YDL050C	YDL050C	1.019043533	-2.004058298	-3.008844476	1.501375723
LHP1	YDL051W	-1.228312929	-8.216336463	-6.099928564	-1.346956178
SLC1	YDL052C	1.132515675	-1.032606014	-1.08205282	1.047885453
YDL053C	YDL053C	-1.087497465	-1.192328776	1.114630716	-1.329006278
MCH1	YDL054C	1.047221702	-1.957997668	1.695932811	1.154525494
PSA1	YDL055C	-1.00737324	-4.18563007	-3.964740466	-1.055713509
MBP1	YDL056W	-1.000238286	-1.214574626	1.165730464	1.041900048
YDL057W	YDL057W	-1.132175498	2.239459714	2.07723385	1.078097063
USO1	YDL058W	1.110667393	-1.181892154	-1.389993898	1.17607507
RAD59	YDL059C	-1.232545098	-1.088163144	1.397107407	-1.520280789
TSR1	YDL060W	1.02206415	-21.63711471	-27.55498969	1.273505735
RPS29B	YDL061C	1.407449771	-9.626176981	-8.197923393	-1.174221387
YDL063C	YDL063C	1.011392642	-27.07736791	-36.2476732	1.338670483
UBC9	YDL064W	-1.113640777	-2.606969242	-1.7777892	-1.466410778
PEX19	YDL065C	-1.228458551	-1.034937634	1.185154601	-1.226561098
IDP1	YDL066W	1.204762252	-1.763762233	-1.864132268	1.056906783
COX9	YDL067C	1.262932173	-1.024160375	1.248004832	-1.218563872
CBS1	YDL069C	-1.047937148	-1.158626805	-1.346250959	1.16193666
BDF2	YDL070W	-1.054640424	-1.05772987	1.143473409	-1.209485981
YDL071C	YDL071C	1.261615845	-1.554111977	1.103478464	1.40837545
YDL072C	YDL072C	1.248811013	2.39509377	1.858001019	1.289070213
YDL073W	YDL073W	1.166874739	-1.712053029	-2.283507899	1.333783394
BRE1	YDL074C	-1.182860899	-1.927356088	-1.742637224	-1.105999609
RPL31A	YDL075W	-1.223805392	-8.22057418	-4.825633105	-1.70352242
RXT3	YDL076C	-1.040632612	-1.034063018	1.008267378	1.025584127
VAM6	YDL077C	-1.03501373	-1.142045456	-1.02366631	1.169073458
MDH3	YDL078C	1.076845308	-1.072924076	1.033173915	1.038473834
MRK1	YDL079C	-1.072941668	4.633809553	5.502439872	-1.187454903
THI3	YDL080C	1.056368796	-1.175269503	-1.361821647	1.158731375
RPP1A	YDL081C	1.639544718	-6.200819454	-5.340692974	-1.161051475
RPL13A	YDL082W	-1.192370486	-14.69192876	-12.21299165	-1.202975421
RPS16B	YDL083C	1.091087209	-15.77987768	-11.46141243	-1.376782991
SUB2	YDL084W	-1.001367762	-2.752142741	-2.629626932	-1.046590567
YDL085C-A	YDL085C-A	-1.07363716	-1.217958014	1.092126595	-1.330164339
NDE2	YDL085W	1.036343707	10.66163463	13.23902699	-1.241744577
YDL086W	YDL086W	1.157310619	-1.278675133	1.342998276	-1.050304524
LUC7	YDL087C	1.028062576	-1.675322506	1.730933711	-1.033194328
ASM4	YDL088C	-1.019611098	-1.043347335	1.153871714	-1.105932488
YDL089W	YDL089W	-1.043026097	-1.27322672	-1.009857392	1.285777415
RAM1	YDL090C	1.117225367	-1.199569863	1.039999018	1.15343365
YDL091C	YDL091C	-1.085245546	-1.969477859	2.0206667	-1.025991072
SRP14	YDL092W	1.066949513	-1.613042372	-1.759036049	1.090508272
PMT5	YDL093W	1.127178643	-1.406708503	-1.596746856	1.135094337
PMT1	YDL095W	1.097755401	-1.175332211	-1.287480377	1.09541827
YDL096C	YDL096C	-1.003381434	-1.06177296	-1.212104229	1.141585136
RPN6	YDL097C	-1.16804865	-1.381926699	1.480833082	-1.071571368
SNU23	YDL098C	-1.137876925	-1.180412798	-1.023356451	-1.153471792
YDL099W	YDL099W	-1.431471434	-1.094502598	1.802124541	-1.646523768
ARR4	YDL100C	-1.034986244	-1.083472059	-1.045603745	1.132882443

DUN1	YDL101C	-1.067654765	-1.60076265	1.359292559	1.177643944
CDC2	YDL102W	-1.046629666	-1.872403585	-1.768467055	-1.058772104
QRI1	YDL103C	-1.15070242	-1.194432475	1.12941623	1.05756624
QRI7	YDL104C	-1.177408327	-1.025351035	-1.170419429	1.141481687
QRI2	YDL105W	-1.194561753	-1.47465858	-1.485638492	1.007445731
PHO2	YDL106C	1.035597435	-1.674869981	1.352133462	1.238686882
MSS2	YDL107W	-1.090549652	-1.753005343	1.291093563	1.357767859
KIN28	YDL108W	-1.049393014	-1.007921597	-1.217146807	1.226788552
YDL109C	YDL109C	1.398878605	-1.933247489	1.043654703	1.85238229
YDL110C	YDL110C	-1.220346873	5.496923128	8.560149085	-1.557261924
RRP42	YDL111C	1.13455598	-1.749055469	-1.491422662	-1.172742988
TRM3	YDL112W	1.199201287	-6.548413338	-8.520202639	1.301109475
CVT20	YDL113C	-1.231816987	2.149960368	2.211398433	-1.02857637
YDL114W-A	YDL114W-A	1.541779505	-1.232953623	-1.85665731	1.505861432
IWR1	YDL115C	-1.226975085	-1.860501549	2.335479275	-1.255295529
NUP84	YDL116W	1.009904938	-1.003730436	-1.178412952	1.182808945
CYK3	YDL117W	-1.174631374	-1.039411782	1.06861966	-1.028100391
YDL119C	YDL119C	-1.145290846	-1.98813112	1.680251036	1.183234574
YFH1	YDL120W	-1.162951947	-2.0266937	-1.853598069	-1.093383585
YDL121C	YDL121C	-1.141990462	-11.33857877	-8.101961604	-1.399485621
UBP1	YDL122W	-1.089990767	-2.273418263	-2.10081109	-1.082162158
SNA4	YDL123W	1.035864794	-1.367462036	2.132694364	-1.559600418
YDL124W	YDL124W	-1.229764699	4.499041423	6.24126969	-1.387244327
HNT1	YDL125C	1.095777134	-1.094712465	1.253219218	-1.3719147
CDC48	YDL126C	-1.106040703	-1.260267979	1.389221535	-1.102322329
PCL2	YDL127W	1.170346025	-1.37790233	-2.297761527	1.66757939
VCX1	YDL128W	1.093826239	-1.114660298	-1.073726012	1.196839757
YDL129W	YDL129W	-1.055531665	-3.167931208	-2.061027585	-1.537063954
RPP1B	YDL130W	1.560695711	-5.071272035	-4.975488009	-1.019251181
STF1	YDL130W-A	-1.042997053	3.105285207	4.761777482	-1.533442877
LYS21	YDL131W	-1.136721419	-2.7411502	-2.441448099	-1.122755876
CDC53	YDL132W	-1.040952311	-1.449308348	1.476922015	-1.019052997
RPL41B	YDL133C-A	1.33205776	-3.573191562	-1.552052323	-2.302236535
YDL133W	YDL133W	-1.28116969	-1.178535284	1.104509913	-1.301703904
PPH21	YDL134C	1.010333649	-1.008231244	-1.062163614	1.053492063
RDI1	YDL135C	-1.273715873	-1.006988305	1.23684819	-1.228264702
RPL35B	YDL136W	-1.061024906	-6.157755057	-4.408543188	-1.396777755
ARF2	YDL137W	-1.174223629	-1.38516696	-1.049433152	-1.319919195
RGT2	YDL138W	1.259592619	-1.760368925	1.25332057	1.404563978
SCM3	YDL139C	-1.132909099	-1.032022107	1.302966178	-1.26253708
RPO21	YDL140C	1.338157216	-1.10807088	-1.189032157	1.317531908
BPL1	YDL141W	1.256934807	-1.136203855	-1.364364382	1.200809499
CRD1	YDL142C	1.038401541	2.275386845	2.748418023	-1.207890443
CCT4	YDL143W	-1.373515752	-1.973196848	-1.354223663	-1.457068652
YDL144C	YDL144C	1.038837974	-1.58768068	1.524829705	1.041218357
COP1	YDL145C	1.13628455	-1.252119037	-1.200259542	-1.043206901
YDL146W	YDL146W	1.249525617	2.421344611	2.339649182	1.034917812
RPN5	YDL147W	-1.064728891	-1.528555671	1.580446512	-1.033947629
NOP14	YDL148C	-1.012734506	-10.78335778	-18.20884678	1.688606383

APG9	YDL149W	-1.037352442	2.993000847	2.874884229	1.041085696
RPC53	YDL150W	-1.030383077	-5.554503476	-5.790150729	1.04242454
SAS10	YDL153C	-1.114036803	-33.38074277	-23.32014074	-1.431412578
MSH5	YDL154W	1.062758234	-1.328240457	1.071463839	1.239650289
CLB3	YDL155W	-1.095261538	-1.356079881	-1.411195364	1.040643243
YDL156W	YDL156W	1.198439016	-1.707409267	-2.055026135	1.203593171
YDL157C	YDL157C	-1.091640942	-3.017404472	-2.289770677	-1.317775838
YDL158C	YDL158C	1.204738795	-4.602218421	-4.659954095	1.012545184
STE7	YDL159W	-1.092459877	-1.266437266	1.327346285	-1.048094778
DHH1	YDL160C	1.187495786	-1.636316196	1.697813641	-1.037582862
ENT1	YDL161W	-1.109302423	-1.325016973	1.413007251	-1.066406906
CDC9	YDL164C	-1.135180486	-1.705458765	-1.648100366	-1.034802735
CDC36	YDL165W	-1.138269661	-2.015948485	-1.355276053	-1.487481816
FAP7	YDL166C	-1.254496685	-4.932651366	-3.808598413	-1.295135594
NRP1	YDL167C	-1.004292129	-15.22577319	-22.02761382	1.446732035
SFA1	YDL168W	1.004504239	-1.006795138	1.077371358	-1.084692245
UGX2	YDL169C	-1.138190904	4.920037704	6.270208404	-1.274422836
UGA3	YDL170W	-1.29939186	-1.152294498	1.416126335	-1.228962159
GLT1	YDL171C	1.174517102	-4.899831445	-4.827481112	-1.014987181
YDL172C	YDL172C	-1.131752793	-1.133870936	-1.165203359	1.321190224
YDL173W	YDL173W	-1.215993453	-1.0855063	1.231468564	-1.134464687
DLD1	YDL174C	-1.146563131	-1.785958813	1.831855367	-1.025698551
AIR2	YDL175C	-1.256344725	-1.038450389	1.079758755	-1.121275899
YDL176W	YDL176W	-1.126213702	-1.26711941	-1.505682514	1.188271999
YDL177C	YDL177C	-1.073594983	-1.382464459	-1.31850231	-1.048511215
DLD2	YDL178W	-1.176920375	-1.178650017	-1.267891667	1.07571514
PCL9	YDL179W	-1.011070483	-1.274842558	-1.109668344	1.41465243
YDL180W	YDL180W	1.161644914	2.401069464	2.336830688	1.027489701
INH1	YDL181W	1.2630912	5.726022527	4.833284449	1.184706298
LYS20	YDL182W	-1.006790956	-4.608774952	-4.282940684	-1.076077231
YDL183C	YDL183C	-1.000914599	-1.583561744	1.366036103	1.159238574
RPL41A	YDL184C	1.368036045	-3.821946529	-1.522306103	-2.510629447
TFP1	YDL185W	1.20859691	-1.117468163	-1.005109782	1.123178182
YDL187C	YDL187C	1.306211072	-1.236688673	-1.855191859	1.500128448
PPH22	YDL188C	1.01700707	-1.136359531	1.165254052	-1.02542727
YDL189W	YDL189W	1.055082045	-1.853007929	-2.211849875	1.193653756
UFD2	YDL190C	1.13759854	-1.334536715	1.262130518	1.057368233
RPL35A	YDL191W	-1.014414001	-5.516604697	-4.297724999	-1.283610444
ARF1	YDL192W	-1.142383317	-2.598063391	-1.664053803	-1.561285691
YDL193W	YDL193W	-1.176118324	2.182943321	1.934736676	1.128289626
SNF3	YDL194W	-1.05413738	-1.770686923	1.984132567	-1.120543977
SEC31	YDL195W	1.265418679	-1.520783891	1.260065093	1.206908992
ASF2	YDL197C	-1.009878166	-1.648759947	1.62084525	1.017222309
YHM1	YDL198C	1.218410925	-1.813617719	-2.079128845	1.146398618
YDL199C	YDL199C	-1.013424322	2.737222763	3.464459133	-1.265684027
MGT1	YDL200C	-1.227761748	-1.029758088	1.249402025	-1.213296637
TRM8	YDL201W	-1.18513379	-8.429071634	-10.03525404	1.190552705
MRPL11	YDL202W	-1.195590823	-1.082786969	1.055040886	-1.142384523
YDL203C	YDL203C	-1.032294138	-1.304059719	-1.3599339	1.042846336

YDL204W	YDL204W	-1.086451257	26.33850956	29.73341158	-1.128894993
HEM3	YDL205C	1.537629556	-2.041108826	-2.399795117	1.175731096
YDL206W	YDL206W	1.133538379	-1.581962272	1.623413575	-1.026202459
GLE1	YDL207W	1.048228828	-1.586596863	-1.534394391	-1.034021547
NHP2	YDL208W	-1.190211255	-19.86030554	-20.03239535	1.008665013
CWC2	YDL209C	-1.158874329	-2.240125873	-2.375476877	1.06042116
UGA4	YDL210W	1.242212443	-1.183518915	-1.179726288	1.396228377
YDL211C	YDL211C	1.010812908	-2.013519046	-1.956375251	-1.029209015
SHR3	YDL212W	1.230874468	-2.682714454	-3.382860066	1.260984024
FYV14	YDL213C	-1.107726635	-7.705221606	-8.215082377	1.066170812
PRR2	YDL214C	1.182372276	3.773530657	3.709868636	1.017160182
GDH2	YDL215C	1.058632516	-1.869248628	1.908902522	-1.021213814
RRI1	YDL216C	-1.182757227	2.247118424	2.309147587	-1.02760387
TIM22	YDL217C	-1.134524582	-1.263452257	-1.351031671	1.069317549
YDL218W	YDL218W	1.201813049	-1.6906339	1.455716263	1.161375979
DTD1	YDL219W	1.095974386	-1.342584647	-1.399706963	1.042546528
CDC13	YDL220C	1.257260404	-1.062879189	-1.257444629	1.336511727
YDL222C	YDL222C	1.257009903	20.16309007	24.32087751	-1.206207851
HBT1	YDL223C	1.147046289	10.959136	10.3581896	1.058016547
WHI4	YDL224C	1.188954919	-1.367762395	1.015954366	1.3462833
SHS1	YDL225W	-1.04979995	-1.006435424	-1.23732503	1.229413235
GCS1	YDL226C	-1.148596649	-1.582998981	-1.511934171	-1.047002582
HO	YDL227C	-1.308848564	-17.59637685	-22.3107105	1.26791502
YDL228C	YDL228C	1.045274828	-7.146122321	-5.14663038	-1.38850506
SSB1	YDL229W	-1.070857353	-19.3291498	-17.64019161	-1.095744889
PTP1	YDL230W	-1.10492591	-1.956228075	2.099071707	-1.073019927
BRE4	YDL231C	1.236772913	-1.297013087	-1.392371845	1.073521817
OST4	YDL232W	1.257109974	-1.581805021	1.062374897	-1.680469947
YDL233W	YDL233W	-1.122088067	2.314227842	2.811417355	-1.214840348
GYP7	YDL234C	-1.002726093	3.288471821	2.847063279	1.155039947
YPD1	YDL235C	-1.226492347	-1.515044885	-1.171517149	-1.293233211
PHO13	YDL236W	1.087939192	-2.166419016	-2.170553918	1.001908634
YDL237W	YDL237W	1.295369032	-1.637484076	1.039128617	1.575824253
YDL238C	YDL238C	1.128018351	5.023736774	4.532873635	1.108289615
ADY3	YDL239C	1.033004607	2.475889396	2.355747182	1.050999621
LRG1	YDL240W	1.034150282	-1.516446642	-1.517450581	1.000662034
YDL241W	YDL241W	-1.150715325	-2.87827202	-2.175142895	-1.323256521
AAD4	YDL243C	1.091304541	-1.419493471	1.613052921	-1.136358112
YDL247W	YDL247W	1.460698035	2.049198865	1.259111724	1.62749566
YDL247W-A	YDL247W-A	1.272721328	-1.313745608	-1.072067995	1.408424619
COS7	YDL248W	1.486404899	2.774153867	1.690039057	1.641473228
NTH1	YDR001C	1.021043257	11.14504658	9.694972002	1.149569755
YRB1	YDR002W	-1.259213707	-1.086922787	1.228648678	-1.335446245
YDR003W	YDR003W	1.118457157	2.01639369	2.479488703	-1.229664978
RAD57	YDR004W	-1.141761717	-1.27360028	1.217282308	1.046265333
MAF1	YDR005C	-1.108595379	-1.50086812	1.440802868	1.041688737
SOK1	YDR006C	1.066857241	-1.15969054	1.271936932	-1.096789952
TRP1	YDR007W	-1.05430578	-1.018951489	1.224742784	-1.247953484
GAL3	YDR009W	1.092104643	-1.918144263	1.107950409	1.731254619

SNQ2	YDR011W	1.122576646	-1.537493497	1.785928361	-1.161584334
RPL4B	YDR012W	-1.248788894	-6.599879577	-4.913224232	-1.343288901
YDR013W	YDR013W	1.041569353	-2.067496641	-2.534783748	1.226015897
RAD61	YDR014W	1.000546665	-1.144091981	-1.178584461	1.34840903
DAD1	YDR016C	-1.2729219	-1.702407323	1.469132041	-2.501061146
KCS1	YDR017C	-1.045091603	-1.567310457	-1.595046448	1.017696552
YDR018C	YDR018C	1.155706891	5.233870652	4.170833769	1.254873951
GCV1	YDR019C	-1.509318119	2.691629845	2.831424555	-1.051936826
YDR020C	YDR020C	-1.071964142	-4.082888762	-4.208802742	1.030839434
FAL1	YDR021W	-1.210351191	-10.58745908	-7.742382567	-1.367467829
CIS1	YDR022C	-1.184852589	-1.871493573	2.005505697	-1.071607045
SES1	YDR023W	-1.228000743	-2.450934906	-2.407554313	-1.018018531
RPS11A	YDR025W	1.109763212	-6.913575493	-5.512231481	-1.254224449
YDR026C	YDR026C	-1.107754345	-1.586141524	-1.696567022	1.069618943
LUV1	YDR027C	-1.050732976	-1.379076036	1.387128745	-1.005839206
REG1	YDR028C	1.016962606	-1.757068655	1.353535739	1.298132443
RAD28	YDR030C	-1.292464059	-1.042138908	1.249053506	-1.301687256
YDR031W	YDR031W	-1.163429755	2.083884569	2.495803145	-1.197668615
PST2	YDR032C	1.00500399	2.601125131	3.280917811	-1.261345628
MRH1	YDR033W	1.058945001	-1.030794508	-1.275206118	1.314475462
LYS14	YDR034C	-1.153773507	-1.112829494	-1.204157808	1.08206856
YDR034C-A	YDR034C-A	-1.137338667	-1.21342825	1.425537255	-1.729787177
YDR034W-B	YDR034W-B	-1.474848806	8.209764686	14.44074958	-1.75897241
ARO3	YDR035W	-1.050019768	-1.893874199	-1.813983218	-1.044041742
YDR036C	YDR036C	1.128868485	-1.129762085	-1.280644182	1.133552099
KRS1	YDR037W	-1.057728191	-4.720691235	-5.179412019	1.097172376
ENA5	YDR038C	1.0925855	-1.824361825	-1.68893587	-1.08018419
ENA2	YDR039C	1.011842383	-1.865261684	2.812129553	-1.507632724
ENA1	YDR040C	1.380861804	2.555246537	1.817578851	1.40585182
RSM10	YDR041W	-1.154294426	-1.073087262	1.148542283	-1.07031583
YDR042C	YDR042C	1.226004925	-1.244887067	-1.920507271	1.54271606
NRG1	YDR043C	1.006479189	3.687345553	4.198421087	-1.13860256
HEM13	YDR044W	1.08948539	-2.039402095	-1.997629454	-1.020911106
RPC11	YDR045C	-1.057171367	-4.792647806	-4.451693305	-1.076589846
BAP3	YDR046C	1.265961039	-2.6610656	-3.405802731	1.279864251
HEM12	YDR047W	-1.085257124	-1.323329627	-1.297703579	-1.019747228
YDR049W	YDR049W	1.007618968	-1.301086489	-1.368319928	1.051674841
YDR051C	YDR051C	-1.333129718	-1.22656239	1.156572177	-1.418607935
DBF4	YDR052C	-1.259198442	-1.373804046	-1.137109453	-1.208154626
CDC34	YDR054C	-1.190366532	-1.27447434	1.436470278	-1.127108042
PST1	YDR055W	1.008406271	4.797957766	3.491683332	1.374110224
YDR056C	YDR056C	-1.153774139	-1.512367799	-1.319561392	-1.146114011
YDR057W	YDR057W	-1.181984859	-1.43286307	1.362956702	1.051290234
TGL2	YDR058C	-1.542780391	2.216420886	3.136177411	-1.414973768
UBC5	YDR059C	-1.006452097	-1.620400607	2.004864083	-1.23726446
MAK21	YDR060W	-1.027845531	-33.53046887	-44.98230229	1.341535141
YDR061W	YDR061W	-1.286924067	-1.216887268	1.321790161	-1.086205925
LCB2	YDR062W	1.182561233	-1.673851102	-2.110483566	1.260855021
YDR063W	YDR063W	1.094367985	-1.103300313	1.015494665	1.086465888

RPS13	YDR064W	1.136619131	-6.06381043	-5.083891164	-1.192749851
YDR065W	YDR065W	1.046140029	-1.275340544	-1.129764948	1.440835042
YDR066C	YDR066C	-1.399723624	-1.168404312	1.576338704	-1.841800937
YDR067C	YDR067C	-1.356498905	-1.1124953	1.630114044	-1.813494212
DOS2	YDR068W	-1.281270594	-1.025445542	1.068735363	-1.042215622
DOA4	YDR069C	1.015774161	2.514141433	2.394038634	1.050167444
YDR070C	YDR070C	-1.02786502	14.93707891	17.55462622	-1.175238233
YDR071C	YDR071C	-1.424064453	-1.471416626	1.22423462	-1.801359174
IPT1	YDR072C	1.127865763	-1.410043937	-1.305295925	-1.080248479
SNF11	YDR073W	-1.035194119	-1.081493525	1.143022443	-1.236171371
TPS2	YDR074W	-1.047016425	10.95489174	12.72358568	-1.161452434
PPH3	YDR075W	-1.253941832	-3.525125238	-3.186601089	-1.106233614
SED1	YDR077W	1.152150583	3.034334991	3.431499575	-1.130890157
SHU2	YDR078C	-1.378503581	-2.492048932	-1.652694704	-1.507870103
YDR079C-A	YDR079C-A	-1.202471845	-1.618799486	1.116006616	-1.806590936
PET100	YDR079W	-1.103304919	-1.09369919	1.207415475	-1.103974004
VPS41	YDR080W	-1.033584842	-1.412814239	1.375419555	1.027187838
PDC2	YDR081C	1.063230518	-1.408825925	-1.759271887	1.248750365
STN1	YDR082W	-1.302083387	-1.092252345	-1.015380256	-1.075707686
RRP8	YDR083W	-1.018087079	-21.44129133	-24.25544192	1.131249118
YDR084C	YDR084C	1.169457403	-1.392920194	1.328145854	1.048770502
AFR1	YDR085C	-1.119189415	5.12260756	4.821778247	1.062389703
SSS1	YDR086C	-1.340609757	-2.809825817	-1.754198651	-1.601771735
RRP1	YDR087C	-1.20083448	-17.11090881	-16.3961788	-1.043591255
SLU7	YDR088C	-1.134814167	-1.032392549	1.032882179	-1.000474267
YDR089W	YDR089W	-1.012602859	-1.28130768	1.027707828	1.246762596
YDR090C	YDR090C	1.160120759	-1.13341809	-1.330808423	1.508362342
RLI1	YDR091C	1.277084299	-6.344455509	-11.67306658	1.839884693
UBC13	YDR092W	-1.307861517	-1.439923196	1.045846219	-1.505938229
DNF2	YDR093W	1.152187953	-1.407252791	-1.988518295	1.413049815
YDR094W	YDR094W	1.163842561	-1.521130035	-1.648783395	1.083920084
GIS1	YDR096W	1.198729399	3.780749701	3.288156067	1.149808471
MSH6	YDR097C	1.167911834	-3.773918274	-4.073625461	1.079415389
GRX3	YDR098C	-1.280201973	-1.555913439	-1.544358107	-1.007482287
BMH2	YDR099W	-1.096680957	-1.39824807	1.181240273	1.183711817
YDR100W	YDR100W	1.19127971	2.2896995	2.3050202	-1.00669114
ARX1	YDR101C	-1.086061199	-39.50052524	-43.25509871	1.095051228
STE5	YDR103W	1.141682833	-1.427787806	1.280784068	1.114776363
SPO71	YDR104C	1.051369199	-1.398989152	1.221905724	1.14492397
YDR105C	YDR105C	-1.066423464	-1.38700561	1.676614553	-1.208801565
ARP10	YDR106W	1.074334574	-1.111501652	-1.850725161	1.665067396
YDR107C	YDR107C	1.05608496	-1.562934009	1.418812927	1.101578637
GSG1	YDR108W	1.084881743	-1.059577783	-1.103223937	1.041192025
YDR109C	YDR109C	-1.144167371	-1.321624946	1.399939691	-1.059256407
FOB1	YDR110W	1.089538853	-2.247919165	-2.493976918	1.109460233
YDR111C	YDR111C	1.260906987	-3.82563173	-4.60048865	1.202543521
PDS1	YDR113C	-1.143940954	-1.157852889	-1.052736149	-1.099850983
YDR115W	YDR115W	1.001973661	-1.143034396	1.535591119	-1.343433868
YDR116C	YDR116C	-1.17477877	-1.23172943	1.246155521	-1.011712062

YDR117C	YDR117C	-1.128072095	-1.379231679	-1.432861352	1.038883731
APC4	YDR118W	-1.122504523	-1.081095913	-1.12521605	1.040810566
YDR119W	YDR119W	1.038399681	-3.211515257	-2.26132814	-1.420189844
TRM1	YDR120C	-1.052511559	-12.71931796	-14.78202383	1.162171107
DPB4	YDR121W	-1.265297367	-3.325692001	-2.98831641	-1.112898216
KIN1	YDR122W	1.051510444	2.844184738	2.621449816	1.084966312
INO2	YDR123C	-1.256693679	-1.173476292	1.337916432	-1.570013214
YDR124W	YDR124W	-1.055932462	-1.335015512	1.228610531	1.086605949
ECM18	YDR125C	1.182925465	-1.634642417	1.689754538	-1.033715093
SWF1	YDR126W	1.03682347	-1.516819569	-1.647723848	1.086301813
ARO1	YDR127W	1.121210465	-1.789866463	-1.71570533	-1.043224866
YDR128W	YDR128W	-1.079077942	-1.238368309	-1.095835161	-1.130068055
SAC6	YDR129C	1.042729928	2.571696462	2.467205027	1.042352149
FIN1	YDR130C	-1.214023875	-1.269992623	1.567048685	-1.233903771
YDR131C	YDR131C	-1.019817099	-1.476495268	1.535786905	-1.040157011
YDR132C	YDR132C	-1.095403677	-1.821624994	-1.444691611	-1.260909235
YDR134C	YDR134C	1.224646541	-1.718158779	-1.203076728	-1.428137323
YCF1	YDR135C	1.094937472	-2.28814254	-2.263328808	-1.010963379
RGP1	YDR137W	-1.284850471	-1.227468933	1.025589027	-1.258878669
HPR1	YDR138W	-1.025925608	-1.353096105	-1.754363417	1.296554924
RUB1	YDR139C	-1.127174453	-1.48751493	-1.028636424	-1.446103691
FYV9	YDR140W	-1.255041153	-1.307207637	-1.084155338	-1.205738321
DOP1	YDR141C	1.135441407	-1.516006302	1.498580033	1.01162852
PEX7	YDR142C	1.115040406	-1.38054871	1.021247243	1.351826132
SAN1	YDR143C	1.0206238	-1.480016469	-1.382915402	-1.070214756
MKC7	YDR144C	1.060955621	-4.824140087	-5.386524908	1.116577216
TAF12	YDR145W	-1.128132853	-1.101984838	-1.117037956	1.013660005
SWI5	YDR146C	1.091173645	-1.041843393	-1.380559835	1.325112626
EKI1	YDR147W	1.002871098	-1.178755795	-1.405902451	1.192700351
KGD2	YDR148C	1.070275358	-1.448490633	1.449258802	-1.000530324
NUM1	YDR150W	1.019745205	-1.058272254	1.079677021	-1.020226144
CTH1	YDR151C	-1.193834415	-1.721061819	2.660520816	-1.545860111
YDR152W	YDR152W	-1.034013527	-2.446871884	-2.586353007	1.057003852
YDR153C	YDR153C	1.004830702	-1.262733221	1.182693597	1.067675706
YDR154C	YDR154C	1.006218949	-1.042448212	1.988540597	-1.907567756
CPR1	YDR155C	-1.149946922	-1.008056919	2.113932726	-2.097037068
RPA14	YDR156W	1.077250518	-2.0977871	-1.54743912	-1.355650812
YDR157W	YDR157W	1.157949116	-2.293264044	-1.861624765	-1.231861591
HOM2	YDR158W	-1.048151826	-1.296981082	1.012942924	-1.313767809
SAC3	YDR159W	-1.0443149	-1.097370314	-1.119882348	1.020514528
SSY1	YDR160W	1.388244578	-1.224170084	-1.03132306	1.262514837
TCI1	YDR161W	-1.100856326	-10.88240609	-12.14018146	1.115578794
NBP2	YDR162C	-1.280110376	-1.130015188	1.561137714	-1.381519232
CWC15	YDR163W	-1.070991559	-1.022103223	1.149183989	-1.124332615
SEC1	YDR164C	-1.160183359	-1.455913266	-1.388657534	-1.048432195
TRM82	YDR165W	-1.190032559	-14.78092554	-19.13087547	1.294294828
SEC5	YDR166C	1.074540743	-1.582341425	1.409013184	1.123013925
TAF10	YDR167W	-1.386392683	-1.753305584	-1.097296807	-1.597840778
CDC37	YDR168W	-1.035593873	-1.68377679	1.716878459	-1.019659179

STB3	YDR169C	1.064605433	2.198441062	1.814062464	1.211888293
SEC7	YDR170C	1.119260187	-1.541812694	-1.7323335	1.123569358
HSP42	YDR171W	-1.148014026	34.37886465	76.43769701	-2.223392129
SUP35	YDR172W	-1.181140271	-2.739792232	-2.654934374	-1.031962319
ARG82	YDR173C	-1.203101269	-1.271654061	1.324274135	-1.041379236
HMO1	YDR174W	-1.042140065	-1.058153779	1.056712637	1.001363798
RSM24	YDR175C	-1.167866622	-1.158389773	-1.148444079	-1.008660146
NGG1	YDR176W	-1.089622199	-1.053074052	1.047249611	-1.102831392
UBC1	YDR177W	-1.108999824	-1.200209711	-1.213159078	1.010789253
SDH4	YDR178W	1.215174367	3.807723325	4.598077345	-1.207566031
CSN9	YDR179C	-1.103280037	-1.763721886	-1.384123945	-1.274251408
YDR179W-A	YDR179W-A	-1.043943238	-2.291871064	-2.158034472	-1.062017819
SCC2	YDR180W	-1.061081419	-2.257344276	-2.059740387	-1.095936309
SAS4	YDR181C	-1.281488873	-1.029575108	1.195407508	-1.230761814
CDC1	YDR182W	-1.051838785	-1.295234247	1.309500755	-1.011014617
PLP1	YDR183W	-1.060823079	-1.042728481	1.082380636	-1.038027306
ATC1	YDR184C	-1.117462577	-5.240884964	-7.602153377	1.450547651
YDR185C	YDR185C	1.151298003	-2.004160919	-1.887069003	-1.062049621
YDR186C	YDR186C	-1.022182968	-1.335730765	1.336021405	-1.000217589
YDR187C	YDR187C	-1.272669898	-1.162518842	-1.193204249	1.026395621
CCT6	YDR188W	-1.166811714	-1.441400769	-1.148660549	-1.254853551
SLY1	YDR189W	-1.215392366	-1.181383495	-1.086202549	-1.087627254
RVB1	YDR190C	-1.007537188	-2.153431176	-2.787878703	1.294621688
HST4	YDR191W	-1.255261016	-1.007139969	1.004956103	-1.012131459
NUP42	YDR192C	1.076061723	-1.128542698	1.006779447	1.120943323
MSS116	YDR194C	-1.37775734	-1.339016332	-1.107168049	-1.209406587
REF2	YDR195W	-1.204979785	-1.309491439	-1.150714287	-1.137981386
YDR196C	YDR196C	-1.137570112	-1.0784765	1.305310977	-1.210328623
CBS2	YDR197W	-1.292727507	-1.079848966	1.427509781	-1.321953186
YDR198C	YDR198C	-1.126280238	-2.097043142	-2.081362514	-1.007533829
VPS64	YDR200C	-1.136746704	-1.438908063	1.47941332	-1.028149996
SPC19	YDR201W	-1.157078404	-1.116804895	1.071192655	-1.196313201
RAV2	YDR202C	-1.307761983	2.215119266	2.618635213	-1.182164434
COQ4	YDR204W	-1.138943432	3.655244776	3.691358963	-1.009880101
MSC2	YDR205W	1.124091732	-1.215870527	-1.15022214	-1.057074529
EBS1	YDR206W	-1.0512842	-1.945267819	-2.045088128	1.05131443
UME6	YDR207C	1.130987959	-1.163411203	-1.196944403	1.392538528
MSS4	YDR208W	1.006596235	-1.704782705	1.458791965	1.168626335
YDR210W	YDR210W	-1.256310259	-1.019332208	1.966846217	-2.004869697
GCD6	YDR211W	-1.12866247	-3.053553733	-3.092390348	1.012718498
TCP1	YDR212W	1.049718201	-1.391118145	-1.460602297	1.04994842
UPC2	YDR213W	-1.116223203	-1.542231107	-1.121868428	-1.374698732
AHA1	YDR214W	-1.10059697	6.713731961	10.80891238	-1.609970795
ADR1	YDR216W	1.474744119	5.480479908	4.441753155	1.233855127
RAD9	YDR217C	1.017303296	-1.438083989	-1.337489068	-1.075211771
YDR219C	YDR219C	-1.371395701	-1.412992617	1.586754639	-1.122974473
YDR221W	YDR221W	-1.087101238	-1.380455627	1.490362458	-1.079616345
YDR222W	YDR222W	1.041955482	-2.703912511	-2.48599171	-1.087659504
HTB1	YDR224C	1.024269882	-3.238418294	-2.595823546	-1.247549471

HTA1	YDR225W	1.063347718	-3.530958172	-2.625748516	-1.344743471
ADK1	YDR226W	-1.176963425	-1.964708378	-1.75430988	-1.119932346
SIR4	YDR227W	-1.032409247	-1.253337384	-1.367505154	1.091091011
PCF11	YDR228C	-1.150111757	-1.073856285	-1.299421779	1.210051845
YDR229W	YDR229W	-1.029535365	-1.793267714	1.798133449	-1.002713334
YDR230W	YDR230W	1.2322725	-1.335731494	1.350994193	-1.011426473
COX20	YDR231C	-1.266656305	2.642786149	2.727304164	-1.031980649
HEM1	YDR232W	1.385259425	-1.815952268	-1.650164108	-1.10046768
YDR233C	YDR233C	1.243420749	-1.622597252	-2.096253995	1.291912699
LYS4	YDR234W	1.222160151	-9.175811203	-11.94622192	1.301925427
PRP42	YDR235W	-1.080886135	-1.123414459	-1.400132791	1.246319005
FMN1	YDR236C	1.109193442	-1.599032976	1.549267474	1.032121956
MRPL7	YDR237W	-1.148391727	-1.034039337	-1.043986372	1.079522975
SEC26	YDR238C	-1.021050097	-1.008193821	1.001142876	-1.009346061
YDR239C	YDR239C	1.045769468	-1.318156482	-1.213871522	-1.085911036
SNU56	YDR240C	-1.000516943	-1.34683907	-1.481104549	1.099689326
AMD2	YDR242W	-1.347688669	-1.34921249	1.957414347	-1.450782854
PRP28	YDR243C	-1.014576668	-1.222409788	-1.370564944	1.121199255
PEX5	YDR244W	-1.091112266	-1.499865129	1.701299587	-1.134301714
MNN10	YDR245W	-1.044469487	-2.012028229	-2.23778189	1.112202035
TRS23	YDR246W	-1.176054146	-1.847944309	1.901136447	-1.028784492
YDR247W	YDR247W	1.186967964	2.588182117	1.943542023	1.331683126
YDR248C	YDR248C	-1.203455666	-1.359951384	1.785166967	-1.312669694
YDR249C	YDR249C	1.146169198	-1.039552107	-1.451167184	1.395954253
PAM1	YDR251W	1.021406449	-1.293721094	1.313957753	-1.015642211
BTT1	YDR252W	-1.11127762	-1.095558188	1.057978042	-1.159076506
MET32	YDR253C	-1.101600763	-1.323753016	-2.027835721	1.53188374
CHL4	YDR254W	-1.055195963	-1.06344893	-1.313502035	1.235134098
RMD5	YDR255C	-1.263250782	2.947451012	3.039389068	-1.031192395
CTA1	YDR256C	1.134253242	-1.333650887	1.244791776	1.07138472
RMS1	YDR257C	1.0404077	-1.13041433	-1.784274191	1.578424958
HSP78	YDR258C	-1.03156805	38.435552	52.4303718	-1.364111326
YAP6	YDR259C	-1.054486908	-1.559688217	1.186984881	1.313991645
SWM1	YDR260C	-1.124617706	-1.534382354	-1.201347736	-1.277217502
EXG2	YDR261C	1.061660887	-1.193778561	1.061237415	1.12489302
YDR262W	YDR262W	1.098931354	-1.111854577	1.323261896	-1.190139362
DIN7	YDR263C	1.086972216	-1.328165042	-2.095999363	1.578116647
AKR1	YDR264C	1.191342856	-1.283325819	-1.019433438	1.308265254
PEX10	YDR265W	-1.168927526	-1.15959747	1.294089147	-1.115981347
YDR266C	YDR266C	-1.075376475	-1.037497772	-1.023433707	-1.013742038
YDR267C	YDR267C	-1.166138092	-2.719086012	-2.561441456	-1.06154525
MSW1	YDR268W	-1.389301878	-1.121574678	1.203321557	-1.072885809
CCC2	YDR270W	1.178772953	-1.437888185	1.139419038	1.261948534
GLO2	YDR272W	-1.042365272	2.74405424	2.367241	1.159178233
DON1	YDR273W	-1.033203419	-1.64507354	1.733141746	-1.05353451
YDR275W	YDR275W	-1.164710405	-1.418175881	2.033908389	-1.434172175
PMP3	YDR276C	1.195751938	-1.357467112	1.911869698	-1.408409588
MTH1	YDR277C	1.117681316	2.691729167	1.881491498	1.430635839
YDR279W	YDR279W	-1.271284627	-2.861261454	-2.366301539	-1.209170262

RRP45	YDR280W	-1.147531976	-2.296498484	-2.303205623	1.002920594
PHM6	YDR281C	1.098944907	-15.18500619	-12.59693199	-1.205452741
YDR282C	YDR282C	-1.105498406	-1.982113249	1.826410237	1.085250842
GCN2	YDR283C	1.034689829	-1.217646651	-1.606949409	1.319717348
DPP1	YDR284C	1.143318924	-1.087938747	-1.188853389	1.293399666
ZIP1	YDR285W	-1.215618118	-1.652205139	1.945186155	-1.177327262
YDR286C	YDR286C	-1.048920562	-1.084210106	1.340587888	-1.453478935
YDR287W	YDR287W	-1.253283491	-1.979429048	2.259064765	-1.141270897
YDR288W	YDR288W	-1.18380557	-1.174140402	1.091190317	1.076017982
RTT103	YDR289C	-1.235220308	-1.20077457	1.535456954	-1.278722079
YDR291W	YDR291W	-1.072721361	-1.017591529	1.021261928	-1.039227487
SRP101	YDR292C	-1.064587419	-1.541484024	-1.89676866	1.230482205
SSD1	YDR293C	1.305178683	2.206687297	1.739639773	1.268473699
DPL1	YDR294C	1.104642865	-1.392807367	1.262117621	1.103547993
PLO2	YDR295C	-1.068033078	-1.569868735	1.416949013	1.107921824
MHR1	YDR296W	-1.192008294	-1.215862282	1.416203949	-1.164773321
SUR2	YDR297W	1.135546063	-2.144710619	-2.482033663	1.157281379
ATP5	YDR298C	1.164039147	-1.051022808	-1.255645906	1.194689494
BFR2	YDR299W	1.008714685	-15.71128112	-23.18698317	1.47581747
PRO1	YDR300C	-1.102431174	-7.542001994	-7.541099499	-1.000119677
CFT1	YDR301W	1.060094757	-1.124885961	-1.304650878	1.159807237
GPI11	YDR302W	1.086339428	-1.285718571	-1.424755424	1.108139414
RSC3	YDR303C	1.262794941	-1.096788726	-1.181692094	1.296066567
CPR5	YDR304C	-1.118269172	-1.102182183	1.64910692	-1.496219904
HNT2	YDR305C	-1.087715232	-1.070118591	-1.046582987	-1.022488043
YDR306C	YDR306C	-1.093789837	-1.817427869	2.117666612	-1.165199813
YDR307W	YDR307W	1.216395083	2.014404945	1.449456041	1.389766153
SRB7	YDR308C	1.127192828	-1.326867467	-1.75468492	1.322426665
GIC2	YDR309C	1.163989295	-1.504639632	-1.955362781	1.299555548
SUM1	YDR310C	1.228929636	-1.015857027	-1.389651173	1.367959404
TFB1	YDR311W	-1.171418567	-1.08031989	1.196577269	-1.292686223
SSF2	YDR312W	-1.246701615	-5.250056248	-4.603803289	-1.140373712
PIB1	YDR313C	1.081985707	-1.452231396	1.932083969	-1.330424321
YDR314C	YDR314C	-1.000149011	2.501113956	2.859189025	-1.143166235
IPK1	YDR315C	-1.038543898	-1.000616415	-1.054092609	1.054742368
YDR316W	YDR316W	-1.092167202	-1.592955712	1.327633972	1.199845548
YDR317W	YDR317W	-2.314257846	-1.536440827	1.001965794	-1.539461153
MCM21	YDR318W	-1.062750408	-1.056860427	-1.206016409	1.141131202
YDR319C	YDR319C	1.212119695	-1.587244931	1.43308693	1.107570586
SWA2	YDR320C	-1.066075974	-1.552220563	1.565493271	-1.008550787
HSK2	YDR320C-A	-1.047202932	-1.768257908	-1.103943417	-1.601764981
ASP1	YDR321W	1.164127359	-4.238920336	-4.260552883	1.005103315
TIM11	YDR322C-A	-1.11338787	-1.03429932	1.683641551	-1.627808814
MRPL35	YDR322W	-1.07296726	-1.032311052	-1.247849082	1.288168399
PEP7	YDR323C	-1.141507675	-1.360947941	1.041889424	1.306230689
UTP4	YDR324C	-1.029233928	-16.07208608	-21.87973927	1.361350304
YCG1	YDR325W	-1.15013078	-1.376300429	-1.194202222	-1.152485236
YDR326C	YDR326C	1.129641173	-1.012617375	-1.126248945	1.112215703
YDR327W	YDR327W	1.083459954	-1.132731517	1.00787054	1.123885928

SKP1	YDR328C	-1.20747601	-1.266074437	1.27216017	-1.004806774
PEX3	YDR329C	-1.178470134	-1.961428614	2.112592855	-1.077068438
YDR330W	YDR330W	-1.051970467	2.304422788	2.542127127	-1.103151358
GPI8	YDR331W	1.04449993	-1.465118243	-1.710954828	1.167793
YDR332W	YDR332W	-1.101927736	-1.59213556	1.176679341	1.353075136
YDR333C	YDR333C	-1.042735004	-1.32857382	-1.586327598	1.194007871
SWR1	YDR334W	1.036686179	-1.424821751	1.356510025	1.050358439
MSN5	YDR335W	1.120174598	-1.431033008	1.209824821	1.182843154
YDR336W	YDR336W	-1.154480261	-1.113216297	-1.323546871	1.188939539
MRPS28	YDR337W	-1.170103842	-1.05458087	1.26640794	-1.200863752
YDR338C	YDR338C	1.233728479	-1.448300222	1.179727541	1.227656532
YDR339C	YDR339C	-1.145143774	-3.638515366	-3.088360585	-1.178138131
YDR341C	YDR341C	1.039972674	-2.442951648	-2.851814295	1.167364199
HXT7	YDR342C	1.607670212	23.58515322	18.46276937	1.27744396
HXT6	YDR343C	1.670722654	24.07469149	16.2871737	1.47813807
HXT3	YDR345C	1.030825811	-9.985310265	-8.503650754	-1.174238049
SGI1	YDR346C	-1.165689417	-2.612439558	-2.565253143	-1.018394448
MRP1	YDR347W	-1.093579439	-1.042770989	1.340140251	-1.285172166
YDR348C	YDR348C	-1.044277636	-1.150994959	-1.075690769	-1.070005426
YPS7	YDR349C	1.161699361	-1.549262932	-1.457861091	-1.062695851
TCM10	YDR350C	1.068592281	-1.484785053	1.349201483	1.100491714
SBE2	YDR351W	-1.136906847	-1.153148799	1.314799258	-1.140181787
YDR352W	YDR352W	1.047213384	-1.270509402	-1.188582028	-1.068928665
TRR1	YDR353W	1.051252311	-1.02496487	-1.000092197	-1.024870379
TRP4	YDR354W	1.035261779	-1.077383854	-1.177732479	1.093141014
SPC110	YDR356W	-1.057330351	-1.12417073	-1.148265944	1.021433768
YDR357C	YDR357C	-1.073375158	-1.090994249	-1.155463701	1.059092384
GGA1	YDR358W	-1.284681623	3.585334609	4.482207843	-1.250150497
VID21	YDR359C	-1.128221952	-1.103150448	1.015004054	-1.119702177
BCP1	YDR361C	-1.190656864	-12.84152996	-14.03746558	1.093130307
TFC6	YDR362C	-1.079711379	-1.105775788	1.084523174	-1.199239468
ESC2	YDR363W	-1.027383398	-1.332905076	1.350510934	-1.013208636
SEM1	YDR363W-A	-1.081014204	-1.389571606	1.352776627	1.027199596
CDC40	YDR364C	-1.024904819	-1.535927166	-1.792740077	1.167203834
YDR365C	YDR365C	-1.088202456	-1.896701025	-1.427886516	-1.328327569
YDR366C	YDR366C	1.09920179	-1.158558461	1.176692634	-1.015652359
YDR367W	YDR367W	1.095238754	-1.776433043	-1.574103117	-1.128536641
YPR1	YDR368W	-1.034352654	-1.513206348	1.664113079	-1.099726472
XRS2	YDR369C	-1.078843953	-1.413291728	1.46399054	-1.035872857
YDR370C	YDR370C	-1.355582319	-2.768174878	-2.469367796	-1.121005498
CTS2	YDR371W	-1.181412289	-1.407319223	1.205888227	1.167039525
VPS74	YDR372C	-1.252059682	-2.0317901	-1.920614861	-1.057885233
FRQ1	YDR373W	1.13170726	-1.110446154	-1.027296337	1.140757267
BCS1	YDR375C	-1.21136281	-1.065307445	1.133016787	-1.207011218
ARH1	YDR376W	1.034330191	-1.203883281	1.3613546	-1.130802812
ATP17	YDR377W	1.228292188	-1.672010099	1.731044568	-1.035307484
LSM6	YDR378C	-1.000875415	-2.599294825	-1.677169758	-1.549810216
YDR379C-A	YDR379C-A	1.264313553	3.319197885	5.101678076	-1.537021369
RGA2	YDR379W	-1.061231306	-1.503577141	1.610226998	-1.070930752

ARO10	YDR380W	1.368720954	35.53858802	21.43985967	1.657594246
YRA1	YDR381W	-1.068129406	-1.609399609	-1.54314053	-1.042937812
RPP2B	YDR382W	1.043694106	-6.010752268	-2.957087776	-2.0326594
NKP1	YDR383C	-1.143381216	-1.011405945	-1.050837186	1.038986562
YDR384C	YDR384C	1.059735751	-3.115980973	-2.689268174	-1.158672461
EFT2	YDR385W	-1.006014295	-3.981199453	-3.624834227	-1.098312144
MUS81	YDR386W	-1.04401344	-1.28471899	1.211634895	1.060318579
YDR387C	YDR387C	1.324174453	-1.891096743	1.293469293	1.462034509
RVS167	YDR388W	-1.11615226	-1.50577428	1.618835498	-1.075085103
SAC7	YDR389W	-1.106908756	-1.077427967	1.155604028	-1.07255804
UBA2	YDR390C	-1.101762783	-1.454749073	-1.524079065	1.047657698
YDR391C	YDR391C	-1.036313548	3.701964378	4.512872446	-1.219048048
SPT3	YDR392W	-1.242837103	-1.404154682	1.72293896	-1.227029317
SHE9	YDR393W	-1.210646398	-1.009471673	1.086346849	-1.096636371
RPT3	YDR394W	-1.091302726	-1.368522964	1.417366109	-1.035690409
SXM1	YDR395W	1.113065919	-3.090178558	-3.559665292	1.151928675
YDR396W	YDR396W	1.270593972	-7.561865668	-3.361693717	-2.249421364
NCB2	YDR397C	-1.307999993	-1.917470441	-1.362805002	-1.407002791
UTP5	YDR398W	-1.128998748	-24.85033904	-23.05978782	-1.077648209
HPT1	YDR399W	-1.062109726	-15.91344377	-15.04107167	-1.057999332
URH1	YDR400W	1.051094824	-1.55478561	-1.509774466	-1.029813158
DIT2	YDR402C	1.153229397	-1.694650795	1.323702546	1.280235353
DIT1	YDR403W	1.275165369	-1.459300962	1.301090676	1.121598202
RPB7	YDR404C	1.060451896	-1.241850389	-1.102651043	-1.126240615
MRP20	YDR405W	1.104587066	-1.436909491	-1.180381405	1.696101245
PDR15	YDR406W	1.015060875	3.730539786	3.231551148	1.154411493
TRS120	YDR407C	-1.077236327	-1.071184589	-1.142149461	1.066248966
ADE8	YDR408C	-1.301805984	-2.467764674	-1.554852639	-1.587137334
SIZ1	YDR409W	1.04754385	-1.567518684	1.288988026	1.216084752
STE14	YDR410C	1.308392019	-1.78648112	-1.94483984	1.088642817
YDR411C	YDR411C	1.191006388	-1.078819264	-1.093237221	1.179405374
YDR412W	YDR412W	-1.013085548	-7.509772536	-10.31843232	1.374000647
ERD1	YDR414C	1.19282273	-2.489508118	-2.798191348	1.123993663
YDR415C	YDR415C	-1.046112212	-1.61566006	1.513148424	1.067747244
SYF1	YDR416W	-1.075334822	-1.332563666	-1.147759685	-1.161012783
YDR417C	YDR417C	1.403508576	-4.455762894	-4.02525105	-1.106952793
RPL12B	YDR418W	-1.167900298	-9.505627273	-6.199510015	-1.533286864
RAD30	YDR419W	-1.160908616	-1.493370995	-1.726327759	1.155993898
HKR1	YDR420W	1.154851295	-1.232077046	-1.382464672	1.122060245
ARO80	YDR421W	1.089159328	2.165529272	2.054468742	1.054058029
SIP1	YDR422C	-1.127547684	-1.418937449	1.725074019	-1.215750576
CAD1	YDR423C	-1.211687382	-1.587621064	2.51577005	-1.584616195
DYN2	YDR424C	-1.015710366	-1.30685284	1.18549133	-1.549262712
YDR425W	YDR425W	-1.010822335	-1.923076704	1.61131312	1.193484171
RPN9	YDR427W	1.07043232	-1.348038437	1.235405881	1.091170487
YDR428C	YDR428C	1.00619339	-1.507554807	-1.755474807	1.164451732
TIF35	YDR429C	-1.166387937	-4.504707149	-3.55198766	-1.268221509
CYM1	YDR430C	-1.140609367	-1.30993086	1.665253945	-1.271253313
NPL3	YDR432W	1.283516303	-1.44317466	1.121954737	1.286303817

KRE22	YDR433W	1.046891469	-1.079542119	1.5361364	-1.422951799
GPI17	YDR434W	1.12078552	-1.053850432	-1.098430398	1.042301986
PPM1	YDR435C	1.150230704	2.31196445	1.900778498	1.216325023
PPZ2	YDR436W	1.179686327	2.651240818	2.576215137	1.029122444
YDR437W	YDR437W	1.493416602	-1.313677221	-1.339521915	1.759699427
YDR438W	YDR438W	1.00802575	-1.055624717	-1.005565441	-1.049782215
LRS4	YDR439W	-1.116949635	-1.006736746	-1.086541778	1.093861534
DOT1	YDR440W	-1.159171635	-2.530522817	-2.247695461	-1.125829926
APT2	YDR441C	1.113982835	-3.022770539	-3.829662213	1.266937786
SSN2	YDR443C	1.09465477	-1.378396274	1.00578741	1.370464833
YDR444W	YDR444W	-1.159739482	-1.954157625	-1.626295808	-1.201600358
RPS17B	YDR447C	-1.093350215	-9.108729309	-7.177816038	-1.269011251
ADA2	YDR448W	-1.214634153	-1.640931316	1.100708272	-1.806186673
UTP6	YDR449C	-1.074462687	-16.20349079	-26.79167069	1.653450545
RPS18A	YDR450W	-1.233072051	-8.987621744	-4.591189652	-1.957580155
YHP1	YDR451C	-1.261944508	-1.3653123	-1.679771559	1.230320389
PPN1	YDR452W	-1.015207567	-1.063654922	1.092385608	-1.027011285
TSA2	YDR453C	1.093135389	10.33094362	9.800077308	1.054169605
GUK1	YDR454C	-1.117269563	-3.302375323	-2.404678444	-1.373312649
NHX1	YDR456W	1.29558811	-1.245252989	-1.788277454	1.436075616
TOM1	YDR457W	1.164533524	-1.071885827	-1.171076153	1.092538145
YDR458C	YDR458C	-1.079008425	-1.131516329	1.119586082	1.010655945
YDR459C	YDR459C	1.194903772	-1.122115484	-1.503883881	1.340222202
TFB3	YDR460W	-1.159933021	-1.118028599	1.262630302	-1.129336318
MFA1	YDR461W	1.108455028	-2.536479151	-1.555483782	-1.630668979
MRPL28	YDR462W	-1.198985186	-1.308899716	1.502670404	-1.148040897
STP1	YDR463W	-1.222054866	-1.12617564	1.21783482	-1.081389773
SPP41	YDR464W	1.03161403	-1.565902881	-1.569335225	1.002191927
RMT2	YDR465C	-1.240657338	-30.41075337	-19.70574493	-1.543243023
YDR466W	YDR466W	-1.017757129	-1.374661905	1.368721856	1.004339852
YDR467C	YDR467C	1.101352375	-1.500123575	-1.835529973	1.223585846
TLG1	YDR468C	-1.141156524	-1.223804754	1.488584016	-1.216357438
SDC1	YDR469W	-1.047553658	-1.552751182	-1.461726497	-1.062272036
UGO1	YDR470C	-1.012739759	-1.290802842	1.248053211	1.034253052
RPL27B	YDR471W	1.04037509	-20.02726103	-18.38821355	-1.089135765
TRS31	YDR472W	-1.162255256	-2.269030525	-1.782362615	-1.27304652
PRP3	YDR473C	-1.219835001	-1.051324728	1.303101992	-1.239485726
YDR474C	YDR474C	-1.037382197	2.874681502	3.32675533	-1.157260493
JIP4	YDR475C	1.4336407	2.063867683	1.972053247	1.046557787
YDR476C	YDR476C	-1.000121861	-1.168190822	1.388642251	-1.188711831
SNF1	YDR477W	1.096443513	-1.017996975	-1.035379079	1.05401277
YDR479C	YDR479C	-1.014351536	2.110629375	2.675029072	-1.267408245
DIG2	YDR480W	-1.107639298	-1.012229146	1.010160428	1.00204791
PHO8	YDR481C	-1.025794978	-1.37011564	-1.309042863	-1.046654528
CWC21	YDR482C	-1.095496145	-1.086685118	1.027950619	-1.11705864
KRE2	YDR483W	1.091284442	-1.543122522	-1.569526633	1.017110833
SAC2	YDR484W	-1.153833691	-1.306103534	1.168104322	1.11813946
VPS72	YDR485C	-1.032357207	-1.170412664	1.201261236	-1.026357004
VPS60	YDR486C	-1.131788116	-1.054991366	-1.01218253	1.06784383

RIB3	YDR487C	1.044912423	-2.291573355	-1.967378359	-1.164785281
PAC11	YDR488C	1.055176599	-1.907392502	-1.361554898	-1.400892836
YDR489W	YDR489W	1.043029167	-1.188713152	-1.171980838	-1.014276952
PKH1	YDR490C	-1.009164278	-1.98667612	2.044469855	-1.029090668
YDR492W	YDR492W	1.25032361	-5.702899852	-8.23977247	1.444839061
YDR493W	YDR493W	-1.054183485	-1.054366869	1.087454358	-1.146575847
RSM28	YDR494W	-1.236854453	-1.554429852	1.343848507	1.156700211
VPS3	YDR495C	-1.221502493	-1.267009214	1.389296078	-1.09651616
PUF6	YDR496C	-1.068010791	-27.1577609	-34.30383425	1.263131905
ITR1	YDR497C	1.396156142	-1.52155917	-1.14421142	1.740985378
SEC20	YDR498C	-1.122941906	-1.048565082	-1.097524781	1.046692093
LCD1	YDR499W	-1.082166454	-1.077273132	-1.175519429	1.266355497
RPL37B	YDR500C	-1.016952675	-10.68139823	-7.737739352	-1.380428798
PLM2	YDR501W	-1.13464488	-1.188091282	-1.04267704	-1.139462401
SAM2	YDR502C	-1.030950162	-2.848594346	-3.678875468	1.291470466
LPP1	YDR503C	1.016646329	-1.697766721	1.913940825	-1.127328509
YDR504C	YDR504C	1.110401809	2.496845441	2.152581083	1.15993096
PSP1	YDR505C	1.210795787	3.133302279	2.477315716	1.264797321
YDR506C	YDR506C	-1.129539313	2.257595092	2.916475325	-1.291850489
GIN4	YDR507C	-1.107340238	-2.600245156	-2.537675992	-1.024656088
GNP1	YDR508C	1.304994688	-1.087711879	-1.201797278	1.307209175
YDR509W	YDR509W	1.13672934	-1.380713744	-1.036287549	-1.332365467
SMT3	YDR510W	-1.052778794	-1.198881312	-1.062737071	-1.128107172
ACN9	YDR511W	1.056786461	-1.646465762	1.893974807	-1.150327478
EMI1	YDR512C	-1.143498487	-1.48521229	2.173104436	-1.463160823
TTR1	YDR513W	1.287458865	3.237021029	3.074544767	1.052845632
YDR514C	YDR514C	-1.034862385	-2.955434291	-3.037088504	1.027628499
SLF1	YDR515W	-1.060213383	-1.159035506	-1.113292734	1.290345808
EMI2	YDR516C	1.084123529	5.946635153	6.640130493	-1.11661979
GRH1	YDR517W	-1.103448908	-1.484871567	1.989757489	-1.340019927
EUG1	YDR518W	1.145807464	-1.022303849	-1.097007881	1.121475378
FPR2	YDR519W	1.320074321	-1.08089336	-1.022517638	-1.057090187
YDR520C	YDR520C	-1.041108445	-1.20497179	-1.151555748	-1.04638598
AGE1	YDR524C	1.106949847	-2.860482143	-3.524258826	1.23205063
SNA2	YDR525W-A	-1.019602195	-1.172540744	-1.117634035	-1.049127628
YDR527W	YDR527W	-1.024715467	-2.132889419	-2.721095328	1.275778905
HLR1	YDR528W	-1.015644266	-2.067601517	-1.879152356	-1.100284131
QCR7	YDR529C	1.19387635	-1.964024382	1.934630957	1.015193298
APA2	YDR530C	1.136270621	-1.131077891	1.205101951	-1.065445589
YDR531W	YDR531W	-1.158657431	-1.425571132	-1.369923607	-1.040620897
KRE28	YDR532C	-1.179484498	-1.210571122	1.551435662	-1.281573329
YDR533C	YDR533C	-1.054370483	4.231829924	7.256499882	-1.714742798
FIT1	YDR534C	-1.775481134	-2.877874187	-2.090172384	-1.376859731
PAD1	YDR538W	1.130091111	-1.348324706	-1.460159994	1.082943885
YDR539W	YDR539W	-1.112917934	-1.151002172	-1.014642729	-1.134391583
YDR540C	YDR540C	1.035911402	2.8077812	3.068898474	-1.092997728
YDR541C	YDR541C	1.009282969	-1.219682697	1.102850326	1.105936743
YDR542W	YDR542W	1.023434889	-1.087547349	1.081854958	-1.176568492
YDR543C	YDR543C	1.615306454	-1.294818258	-1.642985526	1.26889277

YRF1-1	YDR545W	-1.085144973	-1.045754038	1.230441051	-1.286738698
YEL001C	YEL001C	1.062523949	-1.646229402	-1.835109012	1.114734683
WBP1	YEL002C	1.225012961	-1.028060024	-1.294527375	1.259194352
GIM4	YEL003W	-1.062603437	-1.927908564	-1.465917748	-1.315154665
YEA4	YEL004W	1.069617454	-1.584236139	1.519307347	1.042735784
VAB2	YEL005C	-1.073984074	-1.742488547	1.741313554	1.000674773
YEL006W	YEL006W	1.17083457	-1.193292978	-1.102909058	1.316093633
YEL007W	YEL007W	1.236728807	-1.557687278	-1.135398461	1.768595737
GCN4	YEL009C	1.254602388	-2.339975186	-3.298088666	1.409454547
GLC3	YEL011W	1.235728893	22.516252	21.81257044	1.032260368
UBC8	YEL012W	-1.338213221	2.3142077	2.563223616	-1.107603097
VAC8	YEL013W	1.264309808	-1.561307954	1.32079488	1.182097218
YEL015W	YEL015W	-1.039600945	-1.358902438	-1.663011701	1.223790358
YEL016C	YEL016C	-1.151498951	-1.464942431	-1.410930915	-1.038280766
PMP2	YEL017C-A	1.29629128	-2.310171502	-2.39216698	1.035493243
YEL017W	YEL017W	-1.114776571	-1.084182562	1.850062685	-1.706412507
EAF5	YEL018W	1.020002001	-1.216743795	-1.299497934	1.068012789
YEL020C	YEL020C	-1.009916977	2.382269159	2.479114833	-1.040652701
TIM9	YEL020W-A	-1.088912363	-1.090248348	1.104217717	-1.203871542
GEA2	YEL022W	-1.048286697	-1.934657177	-1.693495439	-1.142404717
YEL023C	YEL023C	-1.048828472	-1.297346559	1.004544816	-1.303242761
RIP1	YEL024W	1.274435488	3.462652707	2.002025365	1.729574844
SRI1	YEL025C	1.042312871	-1.551771694	1.369812435	1.132835163
SNU13	YEL026W	1.322877009	-10.41049529	-9.700765061	-1.073162295
CUP5	YEL027W	1.259899872	-1.933468122	-1.927993296	-1.00283965
YEL028W	YEL028W	-1.066374556	2.381319583	-1.157524919	2.756436759
BUD16	YEL029C	1.106252154	-2.071177618	-2.755838774	1.330566124
ECM10	YEL030W	1.194504455	-1.741181707	1.214966456	1.433110929
SPF1	YEL031W	1.066348037	-1.30295585	-1.101803383	-1.182566571
MCM3	YEL032W	-1.019396168	-2.009119971	-1.82161963	-1.102930567
YEL033W	YEL033W	1.415066066	-2.318620209	-2.957974722	1.27574784
HYP2	YEL034W	1.083249048	-1.386329065	-1.118571237	-1.239374855
ANP1	YEL036C	1.122136662	-1.522353401	-1.629251052	1.070218683
RAD23	YEL037C	-1.123391019	-1.142120583	-1.012362183	-1.128173891
UTR4	YEL038W	1.129189051	-1.282455387	1.309725618	-1.021264078
CYC7	YEL039C	-1.042972251	13.12654347	18.90872338	-1.440495239
UTR2	YEL040W	1.170758449	-3.158483124	-3.64628138	1.154440672
YEL041W	YEL041W	1.012437248	3.991526295	3.062707668	1.30326715
GDA1	YEL042W	1.267612337	-3.472291947	-5.634529783	1.622711992
YEL043W	YEL043W	-1.076653012	-1.443809542	-1.050787288	-1.374026464
IES6	YEL044W	-1.207954104	-2.214076625	-1.542064583	-1.435787223
GLY1	YEL046C	1.186311728	-2.989426115	-3.046096487	1.01895694
YEL047C	YEL047C	1.141111724	-1.016533358	1.05347002	-1.070887416
YEL048C	YEL048C	1.201187189	-3.240466184	-2.975191983	-1.089162045
PAU2	YEL049W	1.110908508	-1.097134623	1.064932003	1.030239132
RML2	YEL050C	-1.151535671	-1.293161332	1.253340761	1.031771545
VMA8	YEL051W	-1.258203928	-1.719855151	-1.439660343	-1.194625635
AFG1	YEL052W	-1.017019188	-1.289468016	1.309324746	-1.015399165
MAK10	YEL053C	1.013753715	-2.991667195	-3.514378486	1.174722406

RPL12A	YEL054C	1.022826712	-15.656711	-10.50493979	-1.490414159
POL5	YEL055C	-1.010099242	-5.083811442	-5.630320352	1.107499838
HAT2	YEL056W	-1.161316797	-1.096006646	1.249767711	-1.140292093
YEL057C	YEL057C	-1.282736906	2.144870029	2.706157501	-1.261688338
PCM1	YEL058W	1.069965257	-1.386084278	-1.214140288	-1.141617893
SOM1	YEL059C-A	-1.255274902	-1.349342996	1.10274234	-1.487977654
PRB1	YEL060C	1.253053595	6.620982034	5.721499913	1.157210895
CIN8	YEL061C	1.063463902	-1.052443391	-1.355065925	1.287542815
NPR2	YEL062W	1.019451258	-1.758889393	1.650665066	1.065564074
CAN1	YEL063C	1.003995557	-1.103144519	-1.170072136	1.060669855
YEL064C	YEL064C	1.194482024	-1.036648071	-1.167196708	1.209972216
SIT1	YEL065W	1.247728646	-1.86493486	-2.426118794	1.300913423
HPA3	YEL066W	-1.411848235	-1.49516511	1.127690509	-1.686083504
YEL067C	YEL067C	1.149751167	-1.255711297	-1.689844676	1.345727063
YEL068C	YEL068C	1.021903504	-1.35233655	-1.369996194	1.013058617
YEL070W	YEL070W	1.306294173	-1.547597239	1.506635224	1.027187745
DLD3	YEL071W	-1.065847848	-1.05857717	1.335014958	-1.261140894
RMD6	YEL072W	-1.253778521	-1.047110973	-1.013885898	-1.032770034
YEL073C	YEL073C	1.052969995	-1.648228573	1.294371211	1.273381669
YEL074W	YEL074W	1.267825897	-1.099568369	-1.278665955	1.405980639
YEL075C	YEL075C	-1.113535503	-1.423769008	-1.144834736	-1.243645884
YEL075W-A	YEL075W-A	1.511823936	-1.42528985	-1.146263218	1.63375733
YEL076C	YEL076C	-1.078548768	-2.292428399	-1.92598122	-1.190265188
YEL076C-A	YEL076C-A	1.199328996	-1.605687476	-2.048669563	1.27588313
YEL077C	YEL077C	-1.133040877	-1.033705215	1.309312457	-1.266620733
MNN1	YER001W	1.003106123	-4.401782281	-5.423575071	1.232131606
NOPI6	YER002W	-1.166375885	-5.983115614	-6.228916971	1.041082502
PMI40	YER003C	1.186173097	-1.191338128	-1.306984293	1.097072495
YER004W	YER004W	1.101798146	-1.414529506	1.259087296	1.123456262
YND1	YER005W	1.103386122	-1.140598271	1.131226127	1.008284943
NUG1	YER006W	1.017534666	-17.95809144	-18.7073512	1.041722683
YER007C-A	YER007C-A	-1.312678182	-2.040095945	-1.340925276	-1.521409121
PAC2	YER007W	-1.157765397	-1.33759537	-1.135601276	-1.177874134
SEC3	YER008C	1.196232924	-1.332633832	1.241673679	1.073256086
NTF2	YER009W	1.308586879	-2.292309249	-1.614401701	-1.419912557
YER010C	YER010C	1.075653473	-1.085911079	-1.090250235	1.003995867
TIR1	YER011W	1.300429889	-1.03523939	-1.050596733	1.01483458
PRE1	YER012W	1.003614059	-1.011623705	1.002521201	-1.014174212
PRP22	YER013W	-1.058124666	-1.01195312	1.184134587	-1.170147671
HEM14	YER014W	-1.205083068	-1.966575726	1.991387987	-1.012616988
FAA2	YER015W	1.123798406	-1.657026402	1.470619419	1.126754061
BIM1	YER016W	-1.12020095	-1.341448394	-1.195022328	-1.122529983
AFG3	YER017C	1.023215585	-1.292095672	1.146658805	1.126835347
SPC25	YER018C	-1.075048217	-1.126263281	1.206432389	-1.3587605
SBH2	YER019C-A	1.001993061	-2.644679888	-1.452150635	-1.821215942
ISC1	YER019W	1.106753082	-1.01084588	1.057866912	-1.046516519
GPA2	YER020W	-1.138677083	2.329496045	2.563048911	-1.100258967
RPN3	YER021W	-1.14811525	-1.269106105	1.302502561	-1.026314944
SRB4	YER022W	-1.12653695	-1.112556757	1.143159844	-1.027506989

PRO3	YER023W	-1.018920084	-1.566781378	-1.303663563	-1.201829538
YAT2	YER024W	1.004995476	-1.118430775	1.505754539	-1.346310003
GCD11	YER025W	-1.108707717	-6.204443894	-6.026890802	-1.029460148
CHO1	YER026C	1.091311317	-1.578990848	1.385175344	1.139921278
GAL83	YER027C	-1.031065575	-1.502271806	1.406828412	1.067842953
YER028C	YER028C	-1.013030487	-2.928381917	-2.862450492	-1.023033211
SMB1	YER029C	-1.126539899	-2.0200922	-1.494894762	-1.351327365
YER030W	YER030W	-1.149334874	-1.209575774	1.390128836	-1.149269741
YPT31	YER031C	-1.367706374	-1.491865359	-1.091189585	-1.367191714
FIR1	YER032W	1.238216073	-1.6314759	-2.07922676	1.274445281
ZRG8	YER033C	1.264808065	4.07659565	3.199586508	1.274100775
YER034W	YER034W	-1.126360535	-1.452322189	1.287668717	1.127869435
EDC2	YER035W	-1.0785143	5.030509118	6.095152099	-1.211637223
KRE30	YER036C	1.126680649	-2.422859078	-2.900293866	1.197054295
PHM8	YER037W	-1.01229084	13.05674093	11.63684434	1.122017322
KRE29	YER038C	1.012535875	-1.526229935	-1.432945697	-1.065099632
HVG1	YER039C	-1.063114398	2.199775734	2.230552087	-1.013990678
YER039C-A	YER039C-A	1.14681894	-1.540296466	1.477603699	1.042428675
GLN3	YER040W	-1.08356593	-1.04296409	1.02939413	1.013182473
YEN1	YER041W	-1.046437416	-1.687708629	1.381372978	1.221761723
MXR1	YER042W	-1.085753223	-2.516964962	-1.919738875	-1.311097563
SAH1	YER043C	1.201311323	-3.039830933	-3.867359363	1.272228439
ERG28	YER044C	1.194030877	-1.069693983	1.15185721	-1.232134728
MEI4	YER044C-A	1.119222078	-1.341531598	-1.710182695	2.294264124
ACA1	YER045C	1.314651559	-1.1837675	-1.468924893	1.240889695
SPO73	YER046W	-1.136073992	-1.031287274	1.073210891	-1.106788734
SAP1	YER047C	1.080085489	5.883037093	1.161595922	5.064615832
CAJ1	YER048C	-1.15976818	-1.607500647	1.459501536	1.101403875
YER048W-A	YER048W-A	1.136410198	-1.260989862	-1.002411648	-1.257956115
YER049W	YER049W	1.007326703	-5.996333451	-7.521535257	1.254355736
RSM18	YER050C	-1.080279375	-1.135376686	1.382097397	-1.217302957
YER051W	YER051W	-1.231336301	-1.066737135	1.096512038	-1.027912127
HOM3	YER052C	1.177715136	-1.281180648	-1.419848624	1.108234522
YER053C	YER053C	-1.063740401	3.848562947	3.884903189	-1.009442549
YER053C-A	YER053C-A	-1.070755727	11.77821034	25.44258979	-2.160140553
GIP2	YER054C	1.232629144	17.37361509	15.88101503	1.09398644
HIS1	YER055C	1.012634084	-3.680613131	-3.428924045	-1.073401768
FCY2	YER056C	1.204414939	-8.915421317	-18.26555252	2.04875932
RPL34A	YER056C-A	1.033835545	-4.329604538	-3.735931964	-1.158908829
HMF1	YER057C	1.185305892	-1.661656621	-1.391642313	-1.194025653
PET117	YER058W	-1.07245933	2.003307366	2.716735756	-1.356125278
PCL6	YER059W	-1.196714579	-1.350552958	1.350827146	-1.000203019
FCY21	YER060W	1.215387573	-3.055392808	-3.154558876	1.032456078
FCY22	YER060W-A	1.292955764	-4.352341008	-6.00394458	1.379474762
CEM1	YER061C	-1.115875364	2.081798725	1.865052632	1.116214465
HOR2	YER062C	-1.473253701	3.732615882	5.202591607	-1.39381918
THO1	YER063W	-1.235405404	-1.257808503	-1.048053841	-1.200137296
YER064C	YER064C	-1.051191566	-1.004982141	-1.133868282	1.128247195
ICL1	YER065C	-1.215988129	-1.055628384	1.118363326	-1.180576071

YER066W	YER066W	1.101497799	-1.565987636	1.608418892	-1.027095524
YER067W	YER067W	-1.1630777	25.00486603	42.90499925	-1.715865992
MOT2	YER068W	1.063963059	-1.166293934	-1.026787089	1.197535553
ARG5,6	YER069W	-1.048938421	-1.807401634	1.792377416	1.008382285
RNR1	YER070W	1.11986186	-9.680751857	-11.17743212	1.154603721
YER071C	YER071C	1.045021438	-1.116800298	-1.039329326	-1.074539389
VTC1	YER072W	-1.003481103	-3.205743337	-2.932173878	-1.093299193
ALD5	YER073W	-1.079202925	-8.964226186	-7.214148019	-1.242589722
RPS24A	YER074W	-1.138181363	-10.15672839	-6.376916458	-1.592733489
YER074W-A	YER074W-A	1.258684954	-1.348145902	-1.225226618	-1.100323713
PTP3	YER075C	1.082447268	-1.690732049	-2.221932625	1.314183774
YER076C	YER076C	-1.025427328	-1.345775033	1.479800904	-1.099590102
YER077C	YER077C	-1.019898937	-1.009062198	-1.072160875	1.062532
YER078C	YER078C	-1.169541636	-1.120295226	1.050293717	1.06664946
YER079W	YER079W	-1.156829724	3.422475299	3.75253724	-1.096439539
YER080W	YER080W	-1.128409778	-1.462191116	1.36597285	1.070439369
SER3	YER081W	-1.093710205	-1.107307586	1.151284282	-1.27482582
UTP7	YER082C	1.105979643	-6.165572411	-11.09615686	1.799696139
RMD7	YER083C	1.256580162	-1.012984801	-1.057847788	1.071583731
ILV1	YER086W	1.269488786	-3.944411324	-5.831221464	1.47835025
SBH1	YER087C-B	1.051532365	-1.729143316	-1.419436667	-1.218189832
YER087W	YER087W	-1.061648674	2.24163671	1.868146407	1.199925606
DOT6	YER088C	1.601788219	2.270127119	1.297915423	1.749056279
PTC2	YER089C	1.071008263	-1.385817562	-1.646550298	1.188143622
TRP2	YER090W	-1.149679868	-1.853590574	-1.636193784	-1.132867386
MET6	YER091C	1.252896369	-2.546389212	-5.21307547	2.047242206
IES5	YER092W	-1.173665522	-1.141956528	-1.020122241	-1.119431066
TSC11	YER093C	-1.057396412	-1.064644152	1.036882386	-1.103910768
YER093C-A	YER093C-A	-1.003072189	-1.031508524	1.073187475	-1.107002028
PUP3	YER094C	-1.103547945	-1.106721642	1.099342257	-1.216665868
RAD51	YER095W	1.155416502	-1.8619678	1.880725102	-1.010073913
SHC1	YER096W	1.246184454	4.901122818	4.240534171	1.155779583
YER097W	YER097W	1.322598634	-1.980936012	-1.564488251	-1.266187849
UBP9	YER098W	-1.091891018	2.319435034	2.179235648	1.064334202
PRS2	YER099C	1.0004142	-1.538858051	-1.713154182	1.113263294
UBC6	YER100W	-1.147111862	-1.034053284	1.021671528	-1.056462798
AST2	YER101C	1.060968246	-1.573016144	1.336863573	1.176646724
RPS8B	YER102W	-1.070979777	-9.239141809	-6.29402852	-1.467921822
SSA4	YER103W	-1.01981041	45.7974408	154.8991178	-3.382265801
RTT105	YER104W	-1.15735786	-1.019615034	-1.469573023	1.441301837
NUP157	YER105C	1.111855706	-1.005516074	-1.300155685	1.293023274
GLE2	YER107C	-1.318478612	-2.023636358	-1.595719818	-1.26816521
FLO8	YER109C	-1.11063179	-1.149683997	-1.131937285	-1.015678177
KAP123	YER110C	1.310833651	-7.101919487	-7.262887609	1.022665439
SWI4	YER111C	-1.011632355	-1.059829414	1.110052183	-1.047387597
LSM4	YER112W	-1.038523833	-1.78077906	-1.891000211	1.061894905
YER113C	YER113C	1.159730391	-1.43156239	-1.679506934	1.17319856
BOI2	YER114C	1.143163876	-1.257993324	-1.409814509	1.120685207
SPR6	YER115C	-1.208841217	-1.304629661	-1.216266574	-1.072651085

SLX8	YER116C	-1.204869885	-1.354298253	1.493050355	-1.102453135
RPL23B	YER117W	-1.004369757	-9.974785904	-6.600372143	-1.511245985
SHO1	YER118C	-1.023772867	-3.061134249	-2.941098849	-1.040813113
YER119C	YER119C	1.059799536	3.23868554	3.723588798	-1.149722242
SCS2	YER120W	1.116834953	-1.574449932	-1.441691489	-1.092085196
YER121W	YER121W	-1.157865909	4.830013435	5.175284885	-1.071484574
GLO3	YER122C	-1.256587422	-1.35840508	-1.24924014	-1.087385072
YCK3	YER123W	-1.19364843	-1.645488611	-1.676493971	1.018842647
DSE1	YER124C	-1.22051383	-1.076657724	-1.332998013	1.238088934
RSP5	YER125W	1.297270006	-1.078422355	-1.217710236	1.31320594
NSA2	YER126C	-1.261643555	-23.31940964	-15.20885477	-1.533278474
LCP5	YER127W	-1.166234326	-9.036361337	-8.706987502	-1.037828679
YER128W	YER128W	1.085353028	-1.195064001	1.192844263	-1.425525238
PAK1	YER129W	-1.128827515	-1.494123365	-1.418692498	-1.053169286
YER130C	YER130C	-1.194004129	-1.064737981	1.317875679	-1.237746471
RPS26B	YER131W	-1.196037023	-24.31485331	-17.86387532	-1.361118619
PMD1	YER132C	1.049597294	-1.991734133	-2.012906839	1.010630287
GLC7	YER133W	-1.037166393	-1.140604617	1.189643474	-1.042993738
YER134C	YER134C	-1.086139793	-1.762021701	2.021632178	-1.147336708
GDI1	YER136W	-1.041607155	-1.158963455	-1.023293297	1.185959535
YER137C	YER137C	1.158170297	-1.762203839	-2.120446307	1.203292298
YER139C	YER139C	-1.037760075	-1.394871571	1.184824839	1.177280831
YER140W	YER140W	1.04412525	-1.728630018	-1.793323134	1.037424501
COX15	YER141W	-1.065443852	2.277295342	3.106959822	-1.364320106
MAG1	YER142C	-1.214351363	2.506153267	2.800925708	-1.117619479
DDI1	YER143W	-1.000639347	2.400506794	2.462924071	-1.026001709
UBP5	YER144C	1.057081442	-1.287936956	1.321860338	-1.026339319
FTR1	YER145C	-1.019358355	-2.169190137	-1.964738803	-1.104060313
LSM5	YER146W	1.061264092	-2.357914649	-1.371856022	-1.718777051
SCC4	YER147C	1.032627312	-1.239117419	-1.221528998	-1.014398693
SPT15	YER148W	-1.183516559	-2.066149737	-2.17164335	1.051058068
PEA2	YER149C	-1.099498002	-1.702211152	-1.51624033	-1.122652602
SPI1	YER150W	1.101702627	25.31782774	35.63077084	-1.407339177
UBP3	YER151C	-1.052626142	-1.184968215	1.146706691	1.033366443
YER152C	YER152C	1.232724281	-1.223576282	1.027296795	1.19106405
OXA1	YER154W	1.090688232	-1.126051948	-1.157925407	1.028305496
BEM2	YER155C	1.018734307	-1.029432154	-1.126001759	1.093808616
YER156C	YER156C	-1.021511346	-5.917948308	-5.99220768	1.012548162
COG3	YER157W	-1.009922171	-1.038535773	-1.106735889	1.065669493
YER158C	YER158C	1.329023694	3.605361863	2.701713626	1.334472251
BUR6	YER159C	-1.078278517	-1.094312247	-1.025302975	-1.067306224
SPT2	YER161C	-1.078484106	-1.010869042	-1.129247408	1.141521245
RAD4	YER162C	1.039825387	2.750672166	2.517635175	1.092561859
YER163C	YER163C	-1.568472068	2.051624659	3.043799317	-1.483604374
CHD1	YER164W	1.095310933	-1.453212439	-1.526967243	1.050752941
PAB1	YER165W	1.17087148	-5.35829923	-7.363291618	1.374184475
DNF1	YER166W	1.102708138	-1.092594323	-1.11466516	1.217876826
BCK2	YER167W	-1.092085643	-1.161313605	-1.039107735	1.20672995
CCA1	YER168C	-1.000062171	-1.540462251	-1.618372297	1.050575757

RPH1	YER169W	-1.026820585	-1.455806918	1.049010309	1.387790859
ADK2	YER170W	-1.186665188	-1.0530178	1.06792532	-1.014156949
RAD3	YER171W	-1.101003743	-2.346952621	-2.257408882	-1.039666603
BRR2	YER172C	-1.005502286	-1.496729149	-1.329781883	-1.125544849
RAD24	YER173W	-1.161547696	-1.350775442	-1.372596712	1.016154624
GRX4	YER174C	1.074658495	-1.956517238	-1.959777642	1.001666433
TMT1	YER175C	1.040571394	2.775528886	2.188100424	1.268465036
ECM32	YER176W	-1.046193195	-1.36735195	-1.249540571	-1.094283757
BMH1	YER177W	-1.111993311	-1.634387779	2.094801895	-1.281704331
PDA1	YER178W	1.003113609	-1.055877068	1.124723099	-1.187569329
DMC1	YER179W	1.027371749	2.284078378	2.899113378	-1.269270532
ISC10	YER180C	-1.169422805	-1.239648593	-1.302759357	1.050910206
YER182W	YER182W	-1.266086588	-1.72964644	2.761689611	-1.596678691
FAU1	YER183C	1.004188883	-1.405384761	-1.355006492	-1.037179356
YER184C	YER184C	1.27491815	-1.269780822	1.169813382	1.085455887
YER185W	YER185W	1.177690306	-1.629190278	-1.421585476	-1.146037509
YER186C	YER186C	-1.074286531	-1.855191387	-2.041398831	1.100371016
YER187W	YER187W	-1.14819328	-1.298213306	-1.045097644	-1.242193314
KHS1	YER187W-A	1.249210071	-1.03941771	-1.222391993	1.270575885
YER188W	YER188W	-1.00536186	-1.113745379	-1.271641445	1.141770344
YER189W	YER189W	-1.027829477	-1.460179219	-1.099184912	-1.328419998
YRF1-2	YER190W	-1.064295961	-1.097933268	1.186918408	-1.303157206
DEG1	YFL001W	-1.245644597	-2.923149433	-2.660254547	-1.098823207
SPB4	YFL002C	-1.003058182	-4.289917621	-4.79963053	1.118816479
VTC2	YFL004W	-1.047055677	-2.485531989	-2.797533391	1.125527012
SEC4	YFL005W	1.014958807	-1.094459675	-1.092080864	-1.002178237
YFL006W	YFL006W	1.148352475	-1.043490658	-1.140149647	1.189735504
BLM3	YFL007W	1.253900378	-1.074276107	-1.252322657	1.345340309
SMC1	YFL008W	1.055619216	-1.226509575	-1.132687361	-1.082831519
CDC4	YFL009W	1.078902064	-1.307580231	1.176091589	1.111801363
WWM1	YFL010C	-1.199537272	-1.236906494	1.586784124	-1.28286506
AUA1	YFL010W-A	1.230481979	-1.2749196	1.018639732	1.251590292
HXT10	YFL011W	1.571148044	2.050512811	-1.09416096	2.243591063
IES1	YFL013C	1.169301143	-1.125943432	1.020133238	1.103721935
HSP12	YFL014W	1.193765119	300.9833036	265.5461012	1.133450283
YFL015C	YFL015C	1.234809877	5.156028381	5.369057202	-1.041316456
MDJ1	YFL016C	-1.024442006	7.167125793	10.26155962	-1.431753803
GNA1	YFL017C	-1.222673411	-1.528209938	1.000059137	-1.528300311
SMX2	YFL017W-A	1.008096419	-1.534778279	-1.038196404	-1.478312074
LPD1	YFL018C	-1.149738131	-1.619970224	1.243639344	1.302604515
PAU5	YFL020C	1.053996455	-1.239739252	1.502760103	-1.212158203
GAT1	YFL021W	1.35766826	-1.327701698	-1.126715297	1.495941814
FRS2	YFL022C	1.104309743	-2.251297252	-2.876007273	1.27748891
BUD27	YFL023W	-1.010580464	-3.778674892	-5.495762442	1.454415264
EPL1	YFL024C	1.010347508	-1.132181461	1.004463995	1.12714987
BST1	YFL025C	1.412283223	-1.00830944	-1.604612459	1.59138891
STE2	YFL026W	1.135672687	-1.481496398	-2.518933946	1.700263294
GYP8	YFL027C	-1.228978921	-1.27126128	-1.142086675	-1.11310403
CAF16	YFL028C	-1.054031048	-1.230064531	-1.192436833	-1.031555297

CAK1	YFL029C	-1.017640075	-1.599163098	1.328415986	1.203811995
YFL030W	YFL030W	-1.046606065	3.098149486	3.17315079	-1.02420842
HAC1	YFL031W	-1.04869534	-1.552249406	1.723722934	-1.110467768
RIM15	YFL033C	-1.022451113	-1.561095254	1.863441651	-1.193675816
RPL22B	YFL034C-A	1.004947774	-8.118337681	-11.93239412	1.469807563
MOB2	YFL034C-B	-1.205941136	-1.565859622	-1.736519473	1.108987964
YFL034W	YFL034W	1.068764878	-1.249621952	1.092889023	1.143411569
RPO41	YFL036W	-1.037022497	-1.447853891	1.585546787	-1.095101374
TUB2	YFL037W	1.016595132	-1.12381815	-1.110510563	-1.011983305
YPT1	YFL038C	-1.196693743	-1.21014603	1.385782274	-1.145136404
ACT1	YFL039C	-1.257618131	-1.098392178	1.27576899	-1.401294679
FET5	YFL041W	1.148576601	-1.260213902	-1.130640444	-1.114601824
YFL042C	YFL042C	-1.074073499	2.832340297	2.421183385	1.16981651
YFL044C	YFL044C	1.081785172	2.782472102	2.148459584	1.295100975
SEC53	YFL045C	1.016667483	-3.2684479	-3.040780225	-1.074871466
YFL046W	YFL046W	-1.042450115	-1.078178131	1.125491508	-1.043882709
RGD2	YFL047W	-1.087723419	-1.017667735	-1.076111594	1.057429215
EMP47	YFL048C	-1.106361129	-1.429996191	1.153815127	1.239363358
YFL049W	YFL049W	-1.177561285	-1.050555764	1.121210793	-1.067254905
ALR2	YFL050C	1.10821602	-1.773413372	1.31543719	1.348155112
YFL054C	YFL054C	1.06518138	3.177107626	3.550493415	-1.117523808
AGP3	YFL055W	1.3299173	2.208423108	1.840958799	1.199604852
AAD6	YFL056C	1.090623165	-1.269659124	1.109715969	1.144129814
YFL057C	YFL057C	1.134354417	-1.591143257	1.338838142	1.188450797
THI5	YFL058W	1.100194077	-1.536394016	1.319453157	1.164417251
SNZ3	YFL059W	-1.481508595	-1.508672937	-1.146442676	-1.315960203
SNO3	YFL060C	-1.408376864	-1.042257967	1.513873029	-1.452493602
COS4	YFL062W	1.200980754	-1.705750392	1.255064389	1.359093929
YFL063W	YFL063W	1.532512473	-1.256875119	-1.767865011	2.221985546
YFL064C	YFL064C	-1.083352568	-1.392637227	-1.301015219	-1.070423472
YFL065C	YFL065C	1.0732833	-1.241345046	-1.341033543	1.08030684
YFL066C	YFL066C	1.262465305	-1.175430042	1.096867648	1.071624315
YFL067W	YFL067W	-1.00737837	-1.28620456	1.107186838	-1.42406876
YFL068W	YFL068W	-1.040203618	-1.237077513	-1.204227598	-1.027278826
LOC1	YFR001W	-1.263180835	-7.733346769	-6.432791798	-1.202175822
NIC96	YFR002W	-1.250132205	-1.807987686	-1.39520527	-1.295857839
YFR003C	YFR003C	-1.134074601	2.533011044	3.384708127	-1.336238993
RPN11	YFR004W	-1.221453702	-1.26166294	1.71022931	-1.355535822
SAD1	YFR005C	1.102498787	-1.745961859	-2.302665659	1.318852212
YFR006W	YFR006W	-1.069714096	-1.00215366	-1.004674339	1.006838066
YFR007W	YFR007W	-1.025572847	-1.177073678	-1.124820288	1.323996354
YFR008W	YFR008W	-1.34343944	2.214010351	2.466770597	-1.114163986
GCN20	YFR009W	-1.000662524	-1.280122065	-1.271742925	-1.006588706
UBP6	YFR010W	-1.069892137	-1.534760921	1.706468005	-1.111878717
YFR011C	YFR011C	1.063298652	-1.130897825	-1.024310657	1.158390695
YFR012W-A	YFR012W-A	1.616100286	-1.437049883	-1.182339656	1.699081064
IOC3	YFR013W	-1.180074327	-1.417687936	-1.382413184	-1.025516793
CMK1	YFR014C	-1.124625691	2.669698324	2.904519705	-1.087958021
GSY1	YFR015C	1.080666923	7.997464368	8.591097165	-1.074227626

YFR016C	YFR016C	-1.041791633	-1.669078921	1.727423258	-1.034956008
YFR017C	YFR017C	-1.016398174	6.62466242	8.516383323	-1.285557328
YFR018C	YFR018C	1.114301809	-1.96957691	-2.103363659	1.067926643
FAB1	YFR019W	-1.279243073	-1.291626343	1.595157481	-1.234999185
YFR020W	YFR020W	1.257684352	-1.22155117	1.236881148	-1.012549599
AUT10	YFR021W	1.151672243	-1.884755461	1.813515941	1.039282544
YFR022W	YFR022W	1.135485832	-1.341464554	1.169517438	1.147023986
YFR024C	YFR024C	-1.066252522	-1.497744358	1.833560486	-1.224214584
LSB3	YFR024C-A	-1.080990183	-1.468934448	1.834808023	-1.249074134
HIS2	YFR025C	-1.152538705	-1.108820986	1.004110732	1.10428158
YFR026C	YFR026C	-1.022770813	-1.291230007	1.209836965	1.067276042
ECO1	YFR027W	-1.260431606	-1.189963824	1.34044349	-1.595079261
CDC14	YFR028C	-1.039969764	-1.58321254	-1.486601201	-1.064988067
PTR3	YFR029W	-1.050469584	-1.522740535	1.609618705	-1.057053823
MET10	YFR030W	1.141428359	-1.261747275	-1.318176318	1.044722936
SMC2	YFR031C	-1.066516683	-1.597236367	-1.496990301	-1.066965073
RPL2A	YFR031C-A	-1.348070381	-11.68498917	-7.040509119	-1.659679573
YFR032C	YFR032C	1.125103609	-3.128168845	-5.138810133	1.642753441
RPL29	YFR032C-A	1.015058424	-7.694236501	-4.090743815	-1.880889356
QCR6	YFR033C	1.060519139	-1.530334025	1.691646602	-1.105410044
PHO4	YFR034C	-1.014465109	-1.838829938	-1.798215151	-1.022586167
CDC26	YFR036W	-1.107958112	-1.150188129	1.078386154	-1.240346953
RSC8	YFR037C	-1.043108881	-1.295710953	-1.283014813	-1.009895552
YFR038W	YFR038W	-1.039838028	-1.877038439	-2.303422531	1.227157891
YFR039C	YFR039C	1.007228167	-1.116145504	-1.023359338	1.142217924
SAP155	YFR040W	-1.10036299	-1.247511959	1.220911969	1.021786984
YFR041C	YFR041C	-1.109433627	-1.226158667	1.171627117	1.046543435
YFR042W	YFR042W	1.104311283	-1.866002443	2.214309947	-1.186659725
YFR043C	YFR043C	1.007355902	-1.151234177	1.01430934	1.134993173
YFR044C	YFR044C	1.057834136	-1.333187859	1.475667776	-1.106871597
YFR045W	YFR045W	1.339053352	-1.923631637	1.6779644	1.146407896
YFR046C	YFR046C	-1.071960964	-1.080626612	1.294447632	-1.197867624
BNA6	YFR047C	1.033789644	-1.449215726	1.319565063	1.098252574
RMD8	YFR048W	-1.173823325	-1.082660293	1.044123233	-1.130430765
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PRE4	YFR050C	1.043613731	-1.087561299	1.300981159	-1.196237086
RET2	YFR051C	1.088903152	-1.041337132	1.188779577	-1.141589539
RPN12	YFR052W	-1.032098779	-1.280350881	1.304287797	-1.018695591
HXX1	YFR053C	1.195852157	24.23117447	25.85625399	-1.067065652
YFR055W	YFR055W	1.327945023	-3.186540985	-4.81095437	1.509773259
ERG26	YGL001C	1.083373155	-1.449242565	-1.48319195	1.023425606
ERP6	YGL002W	-1.077660011	-1.132895706	1.36116332	-1.542056081
CDH1	YGL003C	1.024088984	-1.267037434	1.429634069	-1.128328201
YGL004C	YGL004C	-1.120700426	2.326891061	2.056161756	1.131667319
COG7	YGL005C	-1.142465703	-1.028331852	-1.150646636	1.183246586
PMC1	YGL006W	1.133482019	2.35629313	2.197837996	1.072095912
PMA1	YGL008C	1.201186157	-2.103358776	-2.458924175	1.16904648
LEU1	YGL009C	1.128095688	-3.137267888	-3.24799545	1.035294264
YGL010W	YGL010W	1.264616335	3.129459504	3.021915651	1.035587973

SCL1	YGL011C	-1.301606919	-1.109377001	1.735462394	-1.564357646
ERG4	YGL012W	1.130980197	-1.708154637	-1.588685155	-1.075200226
PDR1	YGL013C	-1.114949679	-1.083684341	1.415687244	-1.306364954
PUF4	YGL014W	1.351805588	-1.987813928	-2.790752093	1.403930245
KAP122	YGL016W	1.124190451	-2.5138137	-2.764215426	1.099610295
ATE1	YGL017W	-1.038556549	-1.132086825	1.328839901	-1.504362144
JAC1	YGL018C	-1.105752447	-1.202380494	1.279361659	-1.064023964
CKB1	YGL019W	-1.022253119	-1.048978251	1.021716806	-1.071758708
SWF3	YGL020C	-1.036017495	-1.567034746	-1.470044262	-1.065977935
ALK1	YGL021W	1.157527635	-1.039267118	-1.149430974	1.106001483
STT3	YGL022W	1.101905257	-1.54423344	-1.438021123	-1.073860053
PIB2	YGL023C	-1.152331919	-1.015988448	1.172084507	-1.1536396
YGL024W	YGL024W	-1.156701132	-1.043716158	1.228377942	-1.282077905
PGD1	YGL025C	1.106166686	-1.152271747	-1.220522797	1.059231731
TRP5	YGL026C	1.138309259	-1.37599578	-1.525094053	1.108356635
CWH41	YGL027C	-1.02379049	-1.288654006	-1.565284491	1.21466622
SCW11	YGL028C	1.182232093	-1.098111272	-2.196543342	2.000292136
CGR1	YGL029W	-1.042703888	-11.0420617	-11.41816159	1.034060658
RPL30	YGL030W	-1.098484758	-10.62201233	-5.556846733	-1.91151796
RPL24A	YGL031C	-1.438865322	-10.06577212	-4.627374296	-2.175266463
AGA2	YGL032C	1.147770455	-2.54411398	-2.390245487	-1.06437351
MIG1	YGL035C	1.063542402	-1.532235805	1.180323525	1.298149
YGL036W	YGL036W	1.124158551	2.508633144	2.208817616	1.135735755
PNC1	YGL037C	-1.260371552	9.374764516	17.34810335	-1.850510839
OCH1	YGL038C	1.198599999	-1.068279194	-1.781992211	1.668095963
YGL039W	YGL039W	1.071329623	-1.571237805	-1.81168187	1.153028437
HEM2	YGL040C	1.126459239	-1.353497699	-1.595029699	1.178450248
DST1	YGL043W	-1.228736241	-1.309679459	-1.257491553	-1.041501596
RNA15	YGL044C	-1.111586104	-1.311358349	-1.517637934	1.157302223
YGL045W	YGL045W	1.109460454	2.365561818	2.573795763	-1.088027268
YGL047W	YGL047W	-1.23136702	2.106931155	3.056309592	-1.45059775
RPT6	YGL048C	-1.105766042	-1.161896229	1.093783772	1.062272324
TIF4632	YGL049C	1.019804786	-1.199432302	1.037431601	1.156155549
YGL050W	YGL050W	-1.218132247	-2.168384496	-1.960716167	-1.105914529
YGL051W	YGL051W	-1.015866744	-1.06363997	1.116469117	-1.187521179
YGL052W	YGL052W	-1.035118415	-1.480286549	-1.047933667	1.551242111
PRM8	YGL053W	-1.072248514	-1.368310392	1.060154021	1.290671322
ERV14	YGL054C	1.235569947	-1.017307461	-1.197717564	1.218447013
OLE1	YGL055W	1.08321628	-5.866651257	-5.212297766	-1.125540313
SDS23	YGL056C	-1.000998856	-1.630608208	-1.484185264	-1.098655435
YGL057C	YGL057C	1.12459291	-1.039717755	-1.286744644	1.337851252
RAD6	YGL058W	-1.155703005	-1.215395447	1.468633067	-1.20835821
YGL059W	YGL059W	-1.149494767	2.389986857	1.926113701	1.240833735
YGL060W	YGL060W	-1.013832418	-1.528464335	-1.526016579	-1.001604016
DUO1	YGL061C	-1.244308625	-2.333149645	-1.804935253	-1.292650051
PYC1	YGL062W	1.18599808	3.27924753	3.09574865	1.059274476
PUS2	YGL063W	1.166077886	-1.476517399	-1.617705744	1.095622541
MRH4	YGL064C	-1.194732391	-1.525854517	-1.347448833	-1.132402567
ALG2	YGL065C	1.140418403	-1.146522717	-1.578336944	1.376629457

SGF73	YGL066W	-1.028833792	-1.1851497	1.155897286	1.025307105
NPY1	YGL067W	1.147872285	-1.133607299	-1.107324307	-1.023735586
YGL068W	YGL068W	-1.040565435	-1.545305223	-1.268678027	-1.218043656
RPB9	YGL070C	-1.109816635	-1.828285117	-1.729341849	-1.057214407
RCS1	YGL071W	-1.200463846	-1.080256029	-1.120528057	1.037280078
YGL072C	YGL072C	1.121958392	-1.347295079	1.977750414	-1.467941541
HSF1	YGL073W	-1.05319983	-1.505976382	1.756638045	-1.166444617
MPS2	YGL075C	-1.122297809	-1.028783746	1.229994425	-1.265398272
RPL7A	YGL076C	-1.009924762	-8.564091774	-5.066632856	-1.690292551
HNM1	YGL077C	1.443321342	-1.696881027	-1.97316962	1.162821429
DBP3	YGL078C	1.059763003	-28.69949745	-48.52353966	1.690745273
YGL079W	YGL079W	-1.032706441	-1.086445726	1.096838167	-1.00956554
YGL080W	YGL080W	1.213928045	-1.115214318	1.090903078	1.022285426
YGL081W	YGL081W	-2.042646895	2.069594934	4.426850906	-2.138993883
YGL082W	YGL082W	-1.227721846	-1.30821187	1.545433896	-1.181333033
SCY1	YGL083W	1.202397638	-1.619214373	-2.411582278	1.489353305
GUP1	YGL084C	1.096268144	-1.405737954	1.171976088	1.199459587
YGL085W	YGL085W	-1.128155092	-1.026068417	-1.096168428	1.124743804
MAD1	YGL086W	-1.053014983	-1.106544926	-1.181714762	1.067932024
MMS2	YGL087C	1.023212936	-1.514213155	1.932742063	-1.276400259
YGL088W	YGL088W	1.398648905	-1.912292105	-1.612533095	-1.185893245
LIF1	YGL090W	1.041990154	-1.497473958	1.774655941	-1.185099702
NBP35	YGL091C	1.009307432	-1.385252189	1.175519897	1.178416625
NUP145	YGL092W	1.069771118	-1.706467363	-1.617671197	-1.054891356
SPC105	YGL093W	1.057310327	-1.973052106	1.927960125	1.023388441
PAN2	YGL094C	-1.132492433	-1.309358014	1.235063345	1.060154541
VPS45	YGL095C	-1.112374118	-1.210565507	1.023577662	1.182680661
TOS8	YGL096W	1.0408223	2.182254184	2.250940353	-1.031474871
SRM1	YGL097W	1.033619797	-1.897170406	-1.969741554	1.038252309
USE1	YGL098W	-1.11284831	-1.249702134	1.400319532	-1.120522638
LSG1	YGL099W	-1.023888054	-6.57132535	-7.043581598	1.07186621
SEH1	YGL100W	-1.117116001	-1.563448956	-1.400667844	-1.116216783
YGL101W	YGL101W	-1.037561644	-2.981286797	-4.16311588	1.396415763
YGL102C	YGL102C	1.268953194	-4.837461529	-3.882889208	-1.24584073
RPL28	YGL103W	-1.010912307	-4.738537418	-3.316919785	-1.428595723
VPS73	YGL104C	-1.026603586	5.387618384	4.712856737	1.143174658
ARC1	YGL105W	-1.160574814	-1.477527106	-1.360152797	-1.086294944
MLC1	YGL106W	-1.26458168	-1.526496536	1.008559122	-1.539562007
RMD9	YGL107C	-1.064832126	-1.068471999	-1.438594488	1.346403547
YGL108C	YGL108C	-1.033336172	-1.28875746	1.27584722	1.010118955
CUE3	YGL110C	1.021301271	-1.393191167	1.19101464	1.169751504
NSA1	YGL111W	-1.166810214	-5.992112445	-6.468915658	1.079571807
TAF6	YGL112C	-1.10451802	-1.6254286	-1.433148878	-1.134165909
SLD3	YGL113W	-1.038479604	-1.190601747	-1.394413149	1.171183523
YGL114W	YGL114W	1.233099626	-1.236826404	-1.293617228	1.045916568
SNF4	YGL115W	-1.166082983	-1.041634004	1.438140908	-1.380658563
CDC20	YGL116W	-1.033986732	-1.076440443	-1.379551266	1.281586247
YGL117W	YGL117W	-1.080498823	-1.072292493	1.129145034	-1.210773743
ABC1	YGL119W	-1.108404674	-1.121604709	-1.009211977	-1.111366824

PRP43	YGL120C	1.026397875	-8.263409265	-7.021212026	-1.176920627
GPG1	YGL121C	-1.109116201	6.387758007	7.065824274	-1.106150901
NAB2	YGL122C	-1.104046803	-1.539333506	-1.15768441	-1.32966592
MON1	YGL124C	-1.185494532	-1.038725439	-1.034313166	-1.004265896
MET13	YGL125W	1.201450548	-1.676126177	1.355910831	1.236162541
SCS3	YGL126W	1.097743415	-1.260651655	1.339937549	-1.062892785
SOH1	YGL127C	-1.041994314	-1.033075367	1.667472127	-1.722624379
CWC23	YGL128C	-1.003484698	-1.151251909	1.090574901	1.055637636
RSM23	YGL129C	-1.210608542	-1.164998917	1.255747508	-1.077895859
CEG1	YGL130W	-1.07636833	-1.115757797	1.035756671	-1.155653582
SNT2	YGL131C	1.105029814	2.205524682	2.094748322	1.052882898
ITC1	YGL133W	1.023888959	2.111569492	1.770638482	1.192546933
PCL10	YGL134W	-1.23251936	-1.21856589	-1.110042567	-1.09776501
RPL1B	YGL135W	1.184365978	-9.0636493	-7.915831092	-1.145002868
MRM2	YGL136C	-1.138273915	-1.269699551	1.410249702	-1.110695597
SEC27	YGL137W	1.026377372	-1.267972953	-1.23776082	-1.0244087
YGL139W	YGL139W	1.369301265	-1.134814923	-1.882786735	1.659113479
YGL140C	YGL140C	1.337092517	-1.171609139	-1.140988868	1.336792985
HUL5	YGL141W	-1.015410765	2.421273299	2.493375353	-1.029778568
GPI10	YGL142C	1.277522751	-1.057289175	-1.267176697	1.339772206
MRF1	YGL143C	-1.185445651	-1.303666116	1.071264008	1.216941955
YGL144C	YGL144C	1.09308791	-1.849410526	-2.031286969	1.098342926
TIP20	YGL145W	-1.188151325	-1.68915339	-1.739214451	1.029636776
YGL146C	YGL146C	1.018844829	2.613324527	3.080720293	-1.178851022
RPL9A	YGL147C	-1.334601967	-9.607447132	-5.609454476	-1.712723968
ARO2	YGL148W	-1.340917355	-5.368795623	-3.170425002	-1.693399345
INO80	YGL150C	1.059814111	-1.078456667	-1.005501417	1.084389707
NUT1	YGL151W	1.032975565	-1.15540343	1.01653116	1.136613884
PEX14	YGL153W	-1.256590489	-1.434020116	1.567161188	-1.092844633
LYS5	YGL154C	1.177347443	-1.37552605	1.26006803	1.091628401
CDC43	YGL155W	1.062305794	-1.44103516	-1.578045752	1.095077897
AMS1	YGL156W	-1.224948951	7.004645853	7.801994809	-1.113831445
YGL157W	YGL157W	-1.441271215	-1.1490162	1.694430263	-1.474679177
YGL159W	YGL159W	1.175477499	-1.171708275	-1.139032583	1.334613903
YGL160W	YGL160W	1.184292201	-1.595737756	1.167615849	1.366663323
YGL161C	YGL161C	1.027637217	-1.530108455	1.491888774	1.025618318
SUT1	YGL162W	1.39571991	-1.256124888	-2.111631239	1.68106791
RAD54	YGL163C	-1.05467929	-1.565267561	1.83560234	-1.17270835
YGL164C	YGL164C	-1.244064091	-1.188071822	1.472955257	-1.239786374
YGL165C	YGL165C	1.209643654	-1.215753935	1.534730446	-1.262369302
CUP2	YGL166W	-1.235573052	-1.743116283	2.282335382	-1.309342012
PMR1	YGL167C	1.246913691	-1.66294988	-1.656233594	-1.004055156
HUR1	YGL168W	1.229752024	-1.904929673	-1.277727801	-1.490872838
SUA5	YGL169W	1.270456022	-5.312261135	-7.816842487	1.471471806
ROK1	YGL171W	-1.14960575	-20.39258483	-17.61029253	-1.157992396
NUP49	YGL172W	-1.145799578	-1.044081068	1.439665124	-1.378882509
KEM1	YGL173C	1.01805118	-1.503230284	-1.409906608	-1.066191388
BUD13	YGL174W	-1.128589958	-1.025146771	1.083837815	-1.057251358
YGL176C	YGL176C	-1.09118133	-1.110463804	1.078596836	-1.197742745

MPT5	YGL178W	1.357520504	-1.473828394	1.104385117	1.334523955
YGL179C	YGL179C	-1.093711907	-1.520321763	1.788094586	-1.176129047
APG1	YGL180W	-1.011775754	2.598642242	2.06380715	1.259149743
GTS1	YGL181W	-1.098096122	-1.106414361	1.352743248	-1.222637102
STR3	YGL184C	-1.000795365	-1.11710587	-1.084610151	1.211624367
YGL185C	YGL185C	-1.036249033	2.394707004	2.037324941	1.175417311
YGL186C	YGL186C	-1.036453478	-1.216998309	1.031410568	-1.255224918
COX4	YGL187C	1.330265407	-1.445457342	-1.042155948	1.506391966
YGL188C	YGL188C	1.346565162	-1.07071046	-1.407320452	1.314380035
RPS26A	YGL189C	-1.254336757	-3.482122229	-2.563579169	-1.358304932
CDC55	YGL190C	1.150097704	-1.488492945	1.332379629	1.117168795
COX13	YGL191W	1.140637297	-1.524797186	1.807307731	-1.185277457
YGL193C	YGL193C	1.447919473	-1.288055828	1.025962423	1.255461017
HOS2	YGL194C	1.1742256	-1.76646031	1.248347392	1.415039053
GCN1	YGL195W	1.262636103	-1.307810862	-1.765946613	1.350307345
YGL196W	YGL196W	-1.077549822	-1.457735935	1.479015311	-1.014597552
MDS3	YGL197W	1.023887871	-1.924974569	1.903785652	1.011129885
YGL198W	YGL198W	1.070066327	-1.488959113	1.654909907	-1.111454232
YGL199C	YGL199C	1.529811123	-1.389799966	-1.243128569	1.727700043
EMP24	YGL200C	1.129214886	-1.409839238	-1.076040435	-1.310210279
MCM6	YGL201C	-1.014116646	-1.185721955	-1.233804882	1.040551604
ARO8	YGL202W	1.065994877	-1.540076513	-1.378194471	-1.117459506
KEX1	YGL203C	1.078688385	-1.106256114	-1.035174389	1.145167997
YGL204C	YGL204C	-1.027838779	-1.404329449	1.113842114	1.260797586
POX1	YGL205W	1.363124491	4.977234702	4.378173526	1.136829016
CHC1	YGL206C	1.132609026	-1.770829702	1.546226719	1.145258765
SPT16	YGL207W	-1.052762432	-1.118644201	-1.145868018	1.024336439
SIP2	YGL208W	-1.141786497	2.773465272	3.677967193	-1.326127005
MIG2	YGL209W	-1.009521282	-3.79438587	-4.185787326	1.103152782
YPT32	YGL210W	-1.13905744	-1.687379236	-1.598352645	-1.055698967
YGL211W	YGL211W	-1.02143711	-1.69078247	-1.85370927	1.096361775
VAM7	YGL212W	1.117317646	-1.010413935	1.061000069	-1.072049255
SKI8	YGL213C	1.246820022	-1.24523867	-1.666512247	1.338307496
CLG1	YGL215W	1.252834367	-1.020204559	-1.435341087	1.406914991
KIP3	YGL216W	-1.05278947	-1.273311326	-1.064942199	-1.195662382
YGL217C	YGL217C	1.524990214	-1.334377559	-1.545525263	1.158236852
MMM2	YGL219C	-1.054307005	-1.591788887	1.768176899	-1.110811184
YGL220W	YGL220W	1.002574481	-1.661403744	-1.035053536	-1.605137982
NIF3	YGL221C	-1.159675199	-1.034031173	1.144466964	-1.183414517
EDC1	YGL222C	1.158695707	-1.542449398	1.53523116	1.004701728
COG1	YGL223C	-1.12448005	-1.015392496	-1.182581551	1.16465461
SDT1	YGL224C	1.071566425	-1.438990631	-1.931369061	1.342169309
VRG4	YGL225W	-1.142001745	-2.670120842	-2.624862508	-1.017242173
OST5	YGL226C-A	1.181238708	-1.69486132	-1.101078065	-1.539274438
YGL226W	YGL226W	-1.094212708	-1.054443576	1.310745065	-1.382106713
VID30	YGL227W	-1.025008943	3.855467851	3.702805405	1.04122886
SHE10	YGL228W	-1.15318256	-1.188942792	1.146948206	1.036614196
SAP4	YGL229C	1.107040167	2.132472652	1.420079302	1.501657443
YGL230C	YGL230C	-1.022663255	-1.102669344	-1.009714253	-1.092060789

YGL231C	YGL231C	-1.14225268	-1.784450512	-1.471399064	-1.212757677
YGL232W	YGL232W	-1.02586515	-1.201078146	-1.458013408	1.21392052
SEC15	YGL233W	-1.134330054	-1.230201546	1.175784661	1.046281336
ADE5,7	YGL234W	1.314629465	-3.687928859	-4.720264764	1.279922945
MTO1	YGL236C	-1.037551801	-3.068825482	-3.036492084	-1.010648274
HAP2	YGL237C	-1.027401708	2.189722435	1.917656712	1.141874049
CSE1	YGL238W	1.125332008	-1.197276727	-1.245941811	1.04064648
DOC1	YGL240W	1.295843474	-1.270787376	-1.168935548	1.485468539
KAP114	YGL241W	-1.083074146	-1.708689118	-1.665496768	-1.025933614
YGL242C	YGL242C	-1.203906641	-1.309024996	1.566661771	-1.196815779
TAD1	YGL243W	-1.16535407	-1.556136131	-1.674680685	1.076178781
RTF1	YGL244W	-1.070707371	-1.246646299	-1.193782152	-1.04428291
YGL245W	YGL245W	1.03311215	-1.264989522	-1.333457937	1.054125677
RAI1	YGL246C	-1.022011529	-1.654676052	-2.10932107	1.274763762
BRR6	YGL247W	1.006829566	-1.457104754	-1.423268327	-1.023773751
PDE1	YGL248W	-1.218427101	2.18069953	2.268466482	-1.040247155
YGL250W	YGL250W	-1.044381725	-1.953405338	2.627485959	-1.345079747
HFM1	YGL251C	1.212314543	-1.624898319	1.135114727	1.431483779
RTG2	YGL252C	-1.098265715	-1.091907161	1.107890253	-1.014637775
HXX2	YGL253W	-1.053102644	-1.572721132	-1.147095435	-1.371046457
FZF1	YGL254W	-1.043040274	-1.0177903	-1.071891791	1.053155832
ZRT1	YGL255W	1.638349151	-2.028448506	-2.688672539	1.325482274
ADH4	YGL256W	1.224489233	-1.337748081	-1.782925382	1.332781117
MNT2	YGL257C	-1.122544423	-2.193739282	-1.820455623	-1.205049579
YGL258W	YGL258W	-1.027053195	-1.13610413	-1.932464554	1.700957248
YGL258W-A	YGL258W-A	-2.086988218	3.869333391	5.734468965	-1.482030206
YPS5	YGL259W	1.004189017	2.602529608	2.030792202	1.281534174
YGL261C	YGL261C	1.091072466	-1.055627442	-1.07702157	1.020266742
COS12	YGL263W	-2.083839994	-1.069630467	-2.157453475	2.307677968
YGR001C	YGR001C	-1.069886126	-1.787082134	-1.66134986	-1.075680793
GOD1	YGR002C	-1.103448573	-1.222377753	1.133291093	1.078608808
YGR003W	YGR003W	-1.013181926	-1.43758301	-1.672057053	1.163102959
YGR004W	YGR004W	1.117842481	-1.245480048	-1.397445721	1.122013736
TFG2	YGR005C	-1.124506462	-1.17150958	-1.129401671	-1.037283378
PRP18	YGR006W	-1.232533434	-1.250066569	1.237019126	1.010547487
MUQ1	YGR007W	-1.132685808	-1.551524031	-1.642840183	1.058855776
STF2	YGR008C	-1.241082991	11.34353014	14.68008019	-1.294136835
SEC9	YGR009C	1.010054788	-1.521772351	1.673606607	-1.099774619
NMA2	YGR010W	-1.085806496	-1.370801569	1.38076836	-1.007270776
YGR011W	YGR011W	-1.248308467	-1.116084039	1.596164601	-1.430147323
YGR012W	YGR012W	-1.14113084	-1.333321703	1.381159931	-1.035878984
SNU71	YGR013W	1.065842067	-1.301427092	1.196213399	1.087955622
MSB2	YGR014W	1.428777424	-1.529922646	-2.28774348	1.495332778
YGR015C	YGR015C	1.114314369	-1.05592236	-1.135555117	1.199058039
YGR016W	YGR016W	1.049087093	-1.477338477	1.245177117	1.186448463
YGR017W	YGR017W	-1.134434484	-1.151530764	-1.092647877	-1.053890085
UGA1	YGR019W	-1.014453013	3.300918631	3.070691407	1.074975696
VMA7	YGR020C	-1.064082765	-1.907913079	-1.529705415	-1.247242155
YGR021W	YGR021W	-1.106856864	2.074804036	2.113619109	-1.018707826

MTL1	YGR023W	-1.065059253	4.009918826	5.513579507	-1.374985316
YGR024C	YGR024C	-1.26309504	-2.029013698	-1.641115662	-1.2363624
YGR026W	YGR026W	1.24285138	-1.278261687	1.317164785	-1.030434378
RPS25A	YGR027C	1.208677657	-5.224603296	-4.919228845	-1.062077708
MSP1	YGR028W	-1.095882322	-1.70369666	1.994611316	-1.17075496
ERV1	YGR029W	-1.201165177	-1.231767131	-1.127359794	-1.092612259
POP6	YGR030C	-1.038254881	-1.934654245	-2.158096359	1.115494598
YGR031W	YGR031W	-1.012012324	-1.25461556	1.197720013	1.047503211
GSC2	YGR032W	1.228277715	-1.912783669	2.121404023	-1.109066361
YGR033C	YGR033C	-1.232366208	-1.366620183	-1.27205625	-1.074339427
RPL26B	YGR034W	1.043571253	-15.69555527	-11.38386471	-1.378754551
YGR035C	YGR035C	-1.220546717	-3.520140311	-2.524863919	-1.394190112
CAX4	YGR036C	1.40674808	-1.459719023	-1.006525166	1.469243932
ACB1	YGR037C	1.03471899	-1.989041489	-1.582170318	-1.257160159
ORM1	YGR038W	1.046716707	-1.090477262	-1.269830421	1.164472168
KSS1	YGR040W	1.06563424	-1.348197427	-1.918846013	1.42326782
BUD9	YGR041W	1.043345853	-1.737892694	-2.479294482	1.426609647
YGR042W	YGR042W	-1.021749891	-1.234374759	-1.288770631	1.04406755
YGR043C	YGR043C	-1.35867364	35.12150516	44.86964411	-1.277554703
RME1	YGR044C	-1.225900356	2.241671328	1.906930374	1.175539159
YGR045C	YGR045C	1.099027057	-1.197958739	-1.473997765	1.230424486
YGR046W	YGR046W	-1.097314749	-1.278956348	1.218700904	1.049442357
TFC4	YGR047C	-1.083057393	-1.364499342	-1.047892201	-1.302137129
UFD1	YGR048W	-1.068464615	-1.558592402	1.342260641	1.161169712
SCM4	YGR049W	-1.349296652	-2.450066372	-1.773834172	-1.381226278
YGR050C	YGR050C	-1.007605232	-1.27649337	1.70310508	-1.334205975
YGR052W	YGR052W	1.04639706	7.005555917	9.66389308	-1.379461272
YGR053C	YGR053C	-1.08976315	2.016290009	1.590023646	1.268088065
YGR054W	YGR054W	1.232370741	-1.15319435	-1.560410211	1.353119889
MUP1	YGR055W	1.15303312	-1.926640028	-2.266774432	1.17654279
RSC1	YGR056W	1.169641355	-1.153375283	-1.32328091	1.526239495
LST7	YGR057C	-1.175260542	-1.531168742	-1.451210686	-1.055097483
YGR058W	YGR058W	-1.055672237	-1.183050403	-1.293218185	1.093121799
ERG25	YGR060W	1.15284029	-2.71657981	-2.704520994	-1.004458762
ADE6	YGR061C	1.152264266	-4.145830551	-4.980468452	1.20131983
COX18	YGR062C	1.155941312	-1.422078965	1.217609425	1.167927035
SPT4	YGR063C	1.161655137	-2.302780545	-1.414731571	-1.627715528
VHT1	YGR065C	1.111098095	-2.347338628	-2.886225063	1.229573368
YGR066C	YGR066C	1.188151702	15.21786197	14.14188502	1.076084408
YGR067C	YGR067C	1.419164118	-1.362844779	-1.083035054	1.476008668
YGR068C	YGR068C	1.193814311	-1.347108974	-1.13127779	1.523954462
ROM1	YGR070W	-1.07770243	6.265761995	7.392346469	-1.179800074
YGR071C	YGR071C	1.038915423	-1.816516589	-1.691474452	-1.073924933
UPF3	YGR072W	-1.129921594	-1.458806626	-1.261202462	-1.156679177
YGR073C	YGR073C	1.031076418	-1.085659546	1.018946363	1.065472714
SMD1	YGR074W	-1.151220773	-2.766769248	-2.235341394	-1.237739012
PRP38	YGR075C	1.006997905	-1.045408838	-1.261821263	1.319119101
MRPL25	YGR076C	1.093754551	-1.056611349	-1.156533389	1.222006304
PEX8	YGR077C	1.23066705	-1.767709148	1.299696049	1.360094269

PAC10	YGR078C	-1.002872561	-2.037165863	-1.893581082	-1.07582711
YGR079W	YGR079W	-1.067343233	-5.169580239	-7.011876256	1.356372458
TWF1	YGR080W	-1.150091783	-1.711982642	1.660342882	1.031101865
YGR081C	YGR081C	-1.011259822	-4.467798539	-5.250243202	1.1751298
TOM20	YGR082W	1.088274799	-1.882511693	-1.951723112	1.036765465
GCD2	YGR083C	-1.110325568	-3.284237458	-3.219803528	-1.020011758
MRP13	YGR084C	-1.083970071	-1.064049366	-1.505150415	1.414549421
RPL11B	YGR085C	-1.095582243	-8.932477046	-7.214157985	-1.238187058
YGR086C	YGR086C	1.02298077	2.567146828	2.648474403	-1.031680142
PDC6	YGR087C	-1.033814862	2.911417419	2.068719429	1.407352479
CTT1	YGR088W	1.138846422	62.23645973	68.79986813	-1.105459218
YGR089W	YGR089W	1.304187627	-1.080161194	-1.681187743	1.556423016
UTP22	YGR090W	1.142262446	-4.304412298	-5.572993563	1.294716486
PRP31	YGR091W	-1.17878748	-1.331544361	-1.486088797	1.116064055
DBF2	YGR092W	1.00349463	-1.322140035	1.438733825	-1.088185659
YGR093W	YGR093W	-1.16381607	-2.191323664	-2.381063247	1.086586745
VAS1	YGR094W	1.06755968	-3.702712167	-4.062311478	1.097117814
RRP46	YGR095C	-1.308321488	-2.664935572	-2.124561691	-1.254346054
YGR096W	YGR096W	1.106232515	-2.541940226	-2.555727705	1.005423998
ASK10	YGR097W	1.094466713	-1.420209341	1.424609044	-1.003097926
ESP1	YGR098C	1.023975361	-1.104107414	1.003746838	-1.108244326
TEL2	YGR099W	1.058890793	-1.005908797	1.047736247	-1.041581752
MDR1	YGR100W	-1.09954262	-1.700826864	1.545370161	1.100595125
PCP1	YGR101W	1.223238778	-1.507666291	1.333224474	1.130842045
YGR102C	YGR102C	1.007944019	-1.043752408	1.153859731	-1.105491803
NOP7	YGR103W	1.0352271	-40.41874436	-32.51454714	-1.243097256
SRB5	YGR104C	-1.021458061	-1.070423153	-1.189087291	1.110857223
VMA21	YGR105W	1.100103844	-3.472757116	-2.348180262	-1.478914193
YGR106C	YGR106C	1.26556113	-1.73066317	-2.049631944	1.184304364
CLB1	YGR108W	-1.156630016	-1.896062625	-2.290999766	1.2082933
CLB6	YGR109C	-1.053824392	-2.662845744	-4.152099283	1.559271426
YGR110W	YGR110W	-1.278903857	5.247043098	6.275083585	-1.195927586
YGR111W	YGR111W	-1.132962516	2.803553547	2.901293185	-1.034862768
SHY1	YGR112W	-1.228320796	2.241733165	2.074628701	1.080546685
DAM1	YGR113W	-1.029609257	-1.072265091	-1.247860968	1.338037754
SPT6	YGR116W	-1.052793661	-1.593806151	-1.33434703	-1.194446508
YGR117C	YGR117C	-1.424382185	-1.293505135	-1.184098722	-1.092396361
RPS23A	YGR118W	-1.243851762	-6.724157152	-3.815321062	-1.762409255
NUP57	YGR119C	-1.13422965	-1.778949651	-1.397864732	-1.27261931
COG2	YGR120C	-1.275853416	-1.336562795	-1.252289067	-1.067295747
MEP1	YGR121C	1.320074429	3.040272164	3.225582659	-1.060951943
YGR122C-A	YGR122C-A	-1.138773805	-1.164902933	1.569929671	-1.347691404
YGR122W	YGR122W	-1.245719679	-1.109045928	-1.153814156	1.040366433
PPT1	YGR123C	-1.012670641	-15.20535318	-15.83581653	1.041463249
ASN2	YGR124W	-1.062683144	-1.929379201	-1.627871749	-1.185215729
YGR125W	YGR125W	1.221560911	-1.70993169	1.151464753	1.485005673
YGR127W	YGR127W	-1.060698948	3.914608799	4.293344152	-1.096749221
UTP8	YGR128C	-1.026482748	-33.39111911	-34.22943032	1.025105813
SYF2	YGR129W	-1.174228508	-1.851556057	-1.730002559	-1.070262034

YGR130C	YGR130C	1.037734333	3.470539453	3.783301088	-1.090119026
YGR131W	YGR131W	1.021674628	-1.875698213	1.94133576	-1.03499366
PHB1	YGR132C	-1.141325983	-1.297792671	1.270051752	1.021842354
PEX4	YGR133W	-1.159749143	-1.508160275	-1.053214013	-1.431959939
CAF130	YGR134W	1.040814858	-1.211027909	-1.109921419	-1.091093376
PRE9	YGR135W	-1.178872066	-1.096014982	1.096291485	-1.00025228
LSB1	YGR136W	1.018170995	3.545185508	3.287068753	1.078524903
YGR137W	YGR137W	-1.024219232	3.354644485	4.103810844	-1.223322132
TPO2	YGR138C	1.547229001	2.464100991	2.203940798	1.118043186
CBF2	YGR140W	-1.038531953	-2.234766351	-2.36032377	1.05618369
VPS62	YGR141W	1.113346286	-3.374634167	-4.352326137	1.289717913
BTN2	YGR142W	-1.072544699	24.95776697	45.36184329	-1.817544147
SKN1	YGR143W	1.136025865	2.182200841	1.909580483	1.142764529
THI4	YGR144W	-1.03437524	-1.047954095	1.225910266	-1.169812945
ENP2	YGR145W	-1.079020306	-22.14277564	-16.04430952	-1.380101502
YGR146C	YGR146C	1.462597968	2.933263728	2.529985488	1.159399428
NAT2	YGR147C	-1.208584093	-1.342097665	-1.120241803	-1.198042835
RPL24B	YGR148C	-1.242183356	-6.863680225	-3.387460289	-2.026202417
YGR149W	YGR149W	1.121995979	3.674540102	2.690681877	1.365653865
YGR150C	YGR150C	-1.259853894	-1.211058914	-1.414330509	1.167846166
YGR151C	YGR151C	-1.009468365	-2.372804899	-2.401898259	1.012261168
RSR1	YGR152C	-1.019606185	-2.452868482	-2.592344671	1.056862482
YGR153W	YGR153W	-1.168007134	-1.57083931	1.956632747	-1.24559701
YGR154C	YGR154C	-1.194696541	-1.027294195	1.195133298	-1.163379784
CYS4	YGR155W	1.082599266	-2.576592628	-2.813299029	1.091867996
PTI1	YGR156W	1.089569786	-1.754155333	-2.44576153	1.394267362
CHO2	YGR157W	1.25980916	-1.186555241	-2.006122515	1.690711437
MTR3	YGR158C	-1.214574127	-6.347590337	-6.459621424	1.017649388
NSR1	YGR159C	1.008148585	-37.88497937	-25.71947518	-1.473007482
FYV13	YGR160W	1.037573812	-3.607437741	-3.286336432	-1.097707983
YGR161C	YGR161C	1.054211394	4.621497895	6.338999736	-1.371633155
TIF4631	YGR162W	1.039294846	-7.904480338	-8.971675121	1.135011378
GTR2	YGR163W	-1.09933545	-1.05462903	1.034932077	-1.091469412
YGR165W	YGR165W	-1.195917153	-1.048615529	-1.085439689	1.035116932
KRE11	YGR166W	1.005788558	-1.497905884	-1.772640379	1.183412388
CLC1	YGR167W	-1.240347157	-1.499863545	1.347057815	1.113436652
YGR168C	YGR168C	-1.198765667	-1.159430394	-1.035496091	-1.119685921
PUS6	YGR169C	-1.095102565	-1.117045747	-1.332987699	1.193315227
PSD2	YGR170W	-1.07117601	-1.27705589	1.257643342	1.015435655
MSM1	YGR171C	-1.144267174	-1.057768904	-1.033668044	1.093381913
YIP1	YGR172C	1.352066753	-2.014617007	-2.296036864	1.139689011
YGR173W	YGR173W	-1.255430633	-6.982837577	-7.148960515	1.023790176
CBP4	YGR174C	-1.065159405	2.21104259	3.275956025	-1.481634067
ERG1	YGR175C	1.26684878	-1.800691536	-2.566521907	1.425297924
ATF2	YGR177C	1.220376648	-10.60489707	-13.39930894	1.263502027
PBP1	YGR178C	-1.016462555	-1.178036198	1.148382267	1.025822352
OKP1	YGR179C	-1.22845652	-1.102714035	-1.026217456	-1.074542269
RNR4	YGR180C	1.22778896	-1.801051802	-1.328162397	-1.35604788
TIM13	YGR181W	1.042912499	-1.688382649	-1.699064479	1.006326664

YGR182C	YGR182C	1.130268379	-1.518566809	1.007473622	-1.529916003
QCR9	YGR183C	1.279192463	-1.73327872	2.531071798	-1.46027974
UBR1	YGR184C	1.160026016	-1.257916172	1.06119315	1.185379092
TYS1	YGR185C	1.021817494	-1.813524616	-2.497217798	1.376996913
TFG1	YGR186W	1.029929946	-1.213543483	1.189759413	1.019990655
HGH1	YGR187C	-1.205741164	-6.952491371	-7.915092009	1.138454057
BUB1	YGR188C	-1.184920679	-1.520898005	-1.238731047	-1.227787104
CRH1	YGR189C	1.123965533	-1.083657129	-1.154480421	1.065355812
HIP1	YGR191W	1.160365681	-1.939761941	-2.456931277	1.266614848
TDH3	YGR192C	1.20430585	-1.380314956	1.493621499	-2.061668094
PDX1	YGR193C	-1.062108302	-1.277119094	1.302208851	-1.019645589
XKS1	YGR194C	-1.120994288	5.282119725	5.987572669	-1.133554895
SKI6	YGR195W	-1.263651384	-2.183356049	-1.969332741	-1.108678084
FYV8	YGR196C	1.006163156	-1.353460922	1.240250094	1.091280644
SNG1	YGR197C	1.131816477	-1.464017583	1.910536581	-1.304995652
YGR198W	YGR198W	-1.126746421	-1.45276182	-1.13680334	-1.277935917
PMT6	YGR199W	1.116798494	-1.325567781	1.297492654	1.021637985
ELP2	YGR200C	1.040939126	-12.09886918	-13.31335152	1.100379823
YGR201C	YGR201C	-1.031051049	3.093762187	2.7394048	1.129355613
PCT1	YGR202C	-1.167789673	-1.032793119	1.057198794	-1.09186764
YGR203W	YGR203W	1.392454847	-1.406923652	1.029406861	1.366732344
ADE3	YGR204W	1.04435992	-1.281034733	-1.265849241	-1.011996288
YGR205W	YGR205W	1.00868424	4.429721369	4.639027137	-1.047250323
YGR206W	YGR206W	1.062537951	-1.061833254	1.455229217	-1.545210775
YGR207C	YGR207C	-1.089088668	-1.404594716	1.251800531	1.122059531
SER2	YGR208W	-1.167779012	-2.052442711	-1.637608106	-1.253317386
TRX2	YGR209C	1.380702291	-1.183076463	1.530368208	-1.293549703
YGR210C	YGR210C	-1.056946519	-1.183129616	1.910574645	-1.614848127
ZPR1	YGR211W	-1.039002802	-1.954294044	4.073786327	-2.084530903
YGR212W	YGR212W	-1.4447155	-1.147451711	1.579264482	-1.376323263
RTA1	YGR213C	1.364482436	3.386190893	2.326452131	1.455517115
RPSOA	YGR214W	-1.129567643	-8.522865978	-6.570789028	-1.297084101
RSM27	YGR215W	-1.078236971	-1.24790092	1.12568415	-1.404742287
GPI1	YGR216C	1.333942355	-1.587231882	-2.003086892	1.262000162
CCH1	YGR217W	1.170451508	-1.393946133	-1.601250201	1.148717417
CRM1	YGR218W	1.262400803	-1.275848293	-1.137254837	1.450964643
MRPL9	YGR220C	-1.021947519	-1.216889251	1.053436466	1.155161502
TOS2	YGR221C	1.169624332	-3.567895006	-4.597915546	1.288691382
PET54	YGR222W	-1.146917032	-1.07278338	-1.126441209	1.208427408
YGR223C	YGR223C	-1.004588667	-1.533015067	1.413114292	1.084848604
AMA1	YGR225W	-2.058697288	5.211923293	3.817318303	1.365336312
DIE2	YGR227W	1.275625702	-1.051725699	-1.666167336	1.584222329
SMI1	YGR229C	1.003251396	-1.732282052	-2.046782559	1.181552713
BNS1	YGR230W	-1.144647665	-1.344069456	1.189713674	1.129741959
PHB2	YGR231C	-1.124779127	-1.32716856	1.469886917	-1.107535969
NAS6	YGR232W	1.14673043	-1.211714967	1.236548585	-1.020494604
PHO81	YGR233C	-1.053311951	-1.428239847	-1.596963336	1.118133862
YHB1	YGR234W	-1.008251879	-7.795090659	-6.800697712	-1.146219254
YGR235C	YGR235C	-1.245733719	-1.212255666	1.495014945	-1.233250531

SPG1	YGR236C	-1.296930063	2.530179908	2.772250985	-1.095673464
YGR237C	YGR237C	1.081505714	3.022288902	2.181869315	1.385183284
KEL2	YGR238C	-1.0046741	-1.659604112	1.490240897	1.113648213
PEX21	YGR239C	-1.217246085	-1.372470324	1.152199608	-1.58135977
PFK1	YGR240C	1.058206249	-1.840272082	-1.732538281	-1.062182638
YAP1802	YGR241C	1.002304756	-1.607092686	1.328818408	1.209414828
YGR243W	YGR243W	1.027222492	5.422202114	6.818062708	-1.257434261
LSC2	YGR244C	-1.135518946	2.682201019	2.314942111	1.158647124
SDA1	YGR245C	-1.054708738	-16.47175509	-13.3883494	-1.23030514
BRF1	YGR246C	-1.138185043	-1.238686728	-1.23301456	-1.004600244
CPD1	YGR247W	1.084892995	-1.031152923	1.169445048	-1.13411408
SOL4	YGR248W	-1.349652795	45.66783438	78.10001975	-1.710175681
YGR250C	YGR250C	-1.093201591	10.78663585	19.83328603	-1.838690608
YGR251W	YGR251W	-1.263992648	-4.335087158	-3.091142968	-1.402422082
GCN5	YGR252W	-1.135998923	-1.149238918	-1.12322661	-1.023158558
PUP2	YGR253C	-1.081478153	-1.408427292	1.380002647	1.02059753
ENO1	YGR254W	-1.050064448	-1.157507942	1.817128538	-1.569862696
COQ6	YGR255C	1.177805881	2.629133429	2.169432722	1.211899038
GND2	YGR256W	1.339845304	10.35154102	13.27185231	-1.282113677
YGR257C	YGR257C	-1.173608884	-1.400945173	-1.172817873	-1.194512127
RAD2	YGR258C	-1.046276414	2.057891587	1.964719656	1.047422506
YGR259C	YGR259C	1.489551863	-1.46522939	-1.140947707	1.671750112
TNA1	YGR260W	1.420309839	-1.286632561	-1.427570015	1.836758063
APL6	YGR261C	-1.120907551	-1.400242584	-1.391572515	-1.006230411
BUD32	YGR262C	-1.043969983	-2.418085412	-2.12219515	-1.13942651
YGR263C	YGR263C	1.1142392	-1.181778373	1.105526985	1.068972889
MES1	YGR264C	1.067399985	-3.791091423	-4.125963513	1.088331315
YGR266W	YGR266W	-1.269898883	-1.168493164	1.883581495	-1.611974767
FOL2	YGR267C	1.042581457	-1.051578769	-1.069724605	1.017255802
YGR268C	YGR268C	1.013578962	3.217194895	5.458199788	-1.696571071
YTA7	YGR270W	1.019299862	-1.690247633	1.555740939	1.086458285
YGR271C-A	YGR271C-A	1.015339183	-6.502998417	-7.374450434	1.134007724
SLH1	YGR271W	1.109969346	-1.184028009	1.031598312	1.147760707
YGR272C	YGR272C	1.046431666	-4.505704236	-6.770467743	1.502643624
TAF1	YGR274C	-1.093204226	-1.117062303	-1.009331221	-1.106735112
RTT102	YGR275W	-1.321856114	-1.611595513	-1.041224819	-1.547788224
RNH70	YGR276C	1.05608417	-1.224356025	-1.555116675	1.27015071
YGR277C	YGR277C	-1.153862036	-1.172715181	1.50042686	-1.279446948
CWC22	YGR278W	-1.022553446	-1.30091274	1.192551457	1.090865079
SCW4	YGR279C	1.026168445	-1.310594461	-1.140195396	-1.149447249
PXR1	YGR280C	-1.211252469	-6.51343568	-5.014458782	-1.298930944
YOR1	YGR281W	1.176199042	2.118641475	1.970913112	1.074954276
BGL2	YGR282C	1.00069767	-1.103446929	1.031583926	1.069662779
YGR283C	YGR283C	-1.122713862	-11.66828373	-11.76070159	1.007920432
ERV29	YGR284C	1.342829411	2.563807921	1.682465948	1.523839412
ZUO1	YGR285C	-1.280225797	-3.407585646	-2.459364137	-1.385555557
BIO2	YGR286C	-1.092131552	-2.313151685	-3.21437003	1.389606246
YGR287C	YGR287C	1.001557138	2.710092993	3.018451268	-1.113781437
MAL13	YGR288W	1.147921494	2.6941523	2.236425682	1.204668826

MAL11	YGR289C	1.099907716	3.098941897	3.615249369	-1.166607665
MAL12	YGR292W	-1.235904365	2.901037891	2.760954385	1.050737349
YGR294W	YGR294W	1.008717593	-1.093779296	1.037796186	-1.135119983
COS6	YGR295C	1.197303198	-1.421663965	1.145038116	1.241586586
YRF1-3	YGR296W	-1.052650901	-1.059080858	1.146604481	-1.214346857
RPL14B	YHL001W	1.116505333	-8.636831412	-4.15380262	-2.079258983
HSE1	YHL002W	-1.129011061	-1.168397351	1.145993506	1.019549715
LAG1	YHL003C	1.209641733	-1.028020179	-1.470142159	1.430071305
MRP4	YHL004W	1.076022779	-1.211211596	-1.111980541	-1.089238122
SHU1	YHL006C	-1.258632681	-1.007045502	1.328954859	-1.319657212
STE20	YHL007C	-1.121575857	-1.276817732	1.071837114	-1.368540632
YHL008C	YHL008C	1.09778707	2.535285136	3.818685583	-1.506215426
YAP3	YHL009C	-1.161173906	-1.013723511	-1.010743875	-1.002947963
YHL010C	YHL010C	-1.149883478	-1.640706754	2.340895668	-1.426760549
PRS3	YHL011C	1.128979815	-7.015687314	-9.707503572	1.383685324
YHL013C	YHL013C	-1.120284401	-2.738441295	-2.924421955	1.067914788
YLF2	YHL014C	-1.104838013	-1.106068278	-1.556644536	1.407367491
RPS20	YHL015W	-1.033271227	-3.441048364	-2.744301069	-1.253888796
DUR3	YHL016C	1.251951708	-1.592932444	1.15273738	1.381869341
YHL017W	YHL017W	1.058862141	-1.101382346	1.00217434	1.098992763
APM2	YHL019C	-1.070596293	-1.854372871	2.297071829	-1.238732439
OPI1	YHL020C	-1.122266422	-1.419279552	-1.289643393	-1.100520933
YHL021C	YHL021C	1.214377271	21.76047285	24.94267043	-1.14623752
RMD11	YHL023C	-1.112620999	-1.022596757	-1.009768394	-1.012704262
RIM4	YHL024W	-1.080254386	12.54121425	13.33005688	-1.06290002
SNF6	YHL025W	-1.071170271	-1.203090502	-1.024119937	-1.174755474
YHL026C	YHL026C	1.1308047	-1.986328043	-2.115495294	1.065028157
RIM101	YHL027W	1.005219976	-1.320551031	1.73197902	-1.311557812
WSC4	YHL028W	1.128743357	-1.25320203	-1.160821322	1.454743638
YHL029C	YHL029C	1.108408654	-1.131698918	-1.52850431	1.350628057
ECM29	YHL030W	1.047255119	-1.78937604	1.614886688	1.108050523
GOS1	YHL031C	-1.220598794	-1.542759471	2.569414946	-1.665466973
GUT1	YHL032C	1.185226498	-1.638799448	1.371590427	1.194816919
RPL8A	YHL033C	-1.148909061	-7.205911723	-5.389794621	-1.336954789
SBP1	YHL034C	-1.203720082	-1.067297292	1.278500491	-1.364540112
YHL035C	YHL035C	1.141563745	2.115024591	1.599102045	1.32263266
MUP3	YHL036W	1.192944494	-1.691439282	1.282972132	1.3183757
CBP2	YHL038C	-1.417380568	-1.177159005	-1.042120913	-1.129580061
YHL039W	YHL039W	1.351536375	-4.695477446	-6.991756144	1.489040513
ARN1	YHL040C	1.01761168	-2.120722964	-2.33616133	1.101587228
YHL044W	YHL044W	-1.220308918	-1.559099061	2.086933666	-1.338551038
YHL045W	YHL045W	-1.000971487	-1.273022854	1.820305927	-1.429908286
YHL046C	YHL046C	1.034066331	-1.012600433	1.160592579	-1.175216548
ARN2	YHL047C	1.001623697	-1.943765647	-2.746627943	1.413044803
COS8	YHL048W	2.08830207	4.440778925	1.789413081	2.481695798
YHL049C	YHL049C	1.018402499	-1.217884365	-1.299860221	1.06731005
YHL050C	YHL050C	1.166702941	-1.325456884	1.071175655	1.237385183
OSH7	YHR001W	-1.065395798	-1.475028817	1.260221126	1.170452381
QCR10	YHR001W-A	1.160253178	2.889320731	3.376970258	-1.16877653

LEU5	YHR002W	-1.199548923	-1.403935716	1.662217683	-1.183969938
YHR003C	YHR003C	-1.173087065	-1.321787706	-1.372140329	1.038094335
NEM1	YHR004C	-1.149854871	-1.334951048	1.503325083	-1.126127497
GPA1	YHR005C	-1.226842472	-1.512176996	-1.632191966	1.07936569
MRS11	YHR005C-A	1.020235683	-3.460119635	-2.39809376	-1.442862532
STP2	YHR006W	-1.14784175	-1.758481445	1.948891781	-1.108281117
ERG11	YHR007C	1.174531891	-3.229769842	-3.183906651	-1.014404691
SOD2	YHR008C	1.014103881	2.681566855	2.92281713	-1.089966161
YHR009C	YHR009C	1.212020536	-1.021415575	1.099301785	-1.076253204
RPL27A	YHR010W	1.001643238	-10.44976589	-11.61610062	1.11161348
DIA4	YHR011W	-1.386846555	-1.239578163	1.196787964	1.035754203
VPS29	YHR012W	-1.330173655	-1.172068581	1.339685807	-1.143009742
ARD1	YHR013C	-1.194462362	-2.512881393	-2.261779437	-1.111019648
MIP6	YHR015W	1.056860745	-1.334461997	-1.345537989	1.795569313
YSC84	YHR016C	-1.041502805	4.516589205	4.38298793	1.03048178
YSC83	YHR017W	-1.001525156	2.263598625	1.961329588	1.15411435
ARG4	YHR018C	1.018281964	-1.482523357	1.28897348	1.150158153
DED81	YHR019C	-1.083442947	-3.19125694	-2.958208039	-1.07878043
YHR020W	YHR020W	1.050039543	-13.05450569	-9.48581974	-1.37621271
RPS27B	YHR021C	1.553544488	-9.389447908	-10.39069506	1.10663536
ECM12	YHR021W-A	1.504820234	-1.020558281	-1.752110005	1.716815235
YHR022C	YHR022C	1.197555076	3.683547769	2.385013501	1.544455731
MYO1	YHR023W	-1.123645196	-1.346346191	-1.142496945	-1.178424325
MAS2	YHR024C	1.014699678	-1.148848705	-1.082598783	-1.061195268
THR1	YHR025W	1.200002955	-1.765288163	-2.177769317	1.233662221
PPA1	YHR026W	1.191874002	-2.039349212	-2.32736842	1.141230941
RPN1	YHR027C	1.011532016	-1.021194667	1.123833287	-1.100508379
DAP2	YHR028C	1.022775517	2.27146335	1.937915409	1.172116873
YHR029C	YHR029C	-1.287228364	-1.105992454	1.132598334	-1.252645211
SLT2	YHR030C	-1.093074262	2.568170506	2.532837459	1.013949986
RRM3	YHR031C	-1.004214736	-1.248403571	-1.381455583	1.106577725
YHR032W	YHR032W	1.250748506	-1.217329665	-1.283377685	1.054256478
YHR033W	YHR033W	1.18356911	2.757117811	2.413053678	1.142584533
YHR034C	YHR034C	-1.275210797	-1.263793271	2.148881277	-1.700342394
YHR035W	YHR035W	1.148607416	-1.061754513	-1.357630709	1.278667237
YHR036W	YHR036W	-1.055577571	-1.436428087	-1.721280009	1.198305731
PUT2	YHR037W	1.005441527	-1.297196705	1.066478842	1.216336091
FIL1	YHR038W	-1.138597727	-1.263095754	1.181684647	1.068894106
MSC7	YHR039C	1.239879137	-1.879841365	-2.746591669	1.461076301
VMA10	YHR039C-A	1.072482599	-1.726615706	-1.558907394	-1.107580677
YHR040W	YHR040W	-1.110876624	-7.763055948	-7.992380354	1.029540481
SRB2	YHR041C	1.179466011	-1.717448949	-1.46381547	-1.173268751
NCP1	YHR042W	1.155480711	-3.155729067	-3.680486228	1.16628714
DOG2	YHR043C	-1.133204784	2.348430792	2.452273266	-1.044217813
DOG1	YHR044C	-1.011680344	-1.176293905	-1.024265358	1.204837097
YHR045W	YHR045W	1.084444505	-1.774850717	-2.149831956	1.211274805
INM1	YHR046C	-1.227188943	-2.86843027	-2.933664537	1.022742148
AAP1'	YHR047C	1.041487484	-1.251329152	-1.322411953	1.056805838
YHR048W	YHR048W	1.093557949	-2.406925432	-2.4111516326	1.001907368

YHR049C-A	YHR049C-A	-1.369556799	-1.179673495	1.896981187	-1.608056123
FSH1	YHR049W	1.012462297	2.245784093	2.674255518	-1.190789233
SMF2	YHR050W	1.087583768	-1.285495707	1.296317083	-1.008418056
COX6	YHR051W	1.309207442	-1.852359525	1.41690367	1.307329189
CIC1	YHR052W	1.020109133	-13.41997633	-27.80066772	2.071588432
CUP1-1	YHR053C	1.050311814	-1.042250017	1.203272283	-1.254110557
YHR054C	YHR054C	1.168401354	-1.105508258	-1.046641733	1.157071078
CUP1-2	YHR055C	1.066028999	-1.041774572	1.216932359	-1.267769188
RSC30	YHR056C	1.164791701	-1.143702477	-1.064413383	1.217372224
CPR2	YHR057C	-1.084693858	-1.046238437	1.422921547	-1.360035626
MED6	YHR058C	-1.104782629	-1.379573941	-1.315922916	-1.048369873
FYV4	YHR059W	-1.198390928	-1.604878479	-1.533776583	-1.046357401
VMA22	YHR060W	-1.151500568	-1.43539373	-1.18138206	-1.215012297
GIC1	YHR061C	1.123358777	-1.279897002	-1.420426797	1.109797737
RPP1	YHR062C	-1.152713262	-5.624881515	-5.407337949	-1.040231176
PAN5	YHR063C	-1.121380625	-1.566508344	-1.943729761	1.240803963
SSZ1	YHR064C	1.022566893	-2.294617401	-2.346534409	1.022625562
RRP3	YHR065C	-1.043186063	-5.903506053	-7.007807451	1.18705857
SSF1	YHR066W	-1.237638745	-27.23422201	-30.95938045	1.136782261
RMD12	YHR067W	-1.083305546	-1.30874582	1.017175657	1.286646816
DYS1	YHR068W	1.090675279	-2.754505745	-3.200062373	1.161755563
RRP4	YHR069C	-1.350675102	-2.905965006	-2.530822704	-1.148229389
TRM5	YHR070W	1.063205226	-5.230161308	-4.906601015	-1.065943877
PCL5	YHR071W	1.210858212	-1.497434172	1.54182936	-1.029647506
ERG7	YHR072W	-1.008703098	-3.553736221	-2.787554203	-1.274858159
NOP10	YHR072W-A	1.036688496	-8.151070294	-4.858741969	-1.677609214
OSH3	YHR073W	1.003881851	-1.013811797	1.028558706	-1.04276495
QNS1	YHR074W	1.227673813	-1.173586063	-1.227943734	1.441097653
PPE1	YHR075C	1.016305738	-1.677738442	1.483539898	1.130902137
PTC7	YHR076W	-1.250160095	-1.145763691	1.020653287	1.12257875
NMD2	YHR077C	-1.133645245	-1.894412823	-1.447186214	-1.309031833
YHR078W	YHR078W	1.253592277	-1.372332812	-1.574183951	1.147086142
IRE1	YHR079C	1.158785491	-1.01601865	-1.222018319	1.202751858
YHR080C	YHR080C	-1.010891406	-1.977829289	1.718737211	1.150745603
YHR081W	YHR081W	-1.049745515	-3.364087733	-3.526536833	1.048289198
KSP1	YHR082C	-1.047318585	2.63575607	2.744207256	-1.041146139
YHR083W	YHR083W	-1.158088443	-1.212455818	1.024758037	-1.242473844
STE12	YHR084W	1.008389722	-2.229454586	-3.178305839	1.425597929
YHR085W	YHR085W	-1.053065293	-8.215624201	-9.085959587	1.105936611
NAM8	YHR086W	1.206722904	-1.923754497	1.440800705	1.335198193
YHR087W	YHR087W	-1.044765079	45.79468317	60.91296442	-1.330131801
RPF1	YHR088W	-1.190980303	-21.17079036	-14.05838762	-1.50591881
GAR1	YHR089C	-1.026213189	-15.46085859	-11.06195449	-1.397660658
YNG2	YHR090C	-1.138481797	-1.073003178	1.009113929	1.063312225
MSR1	YHR091C	-1.232134866	-1.261605198	1.447335484	-1.147217439
HXT4	YHR092C	1.420872256	-1.505217252	-2.175656486	1.445410278
AHT1	YHR093W	1.302703666	-1.353988728	-1.280894431	1.734316619
HXT1	YHR094C	1.11813087	-11.11753516	-14.04160049	1.263013814
HXT5	YHR096C	-1.022558592	61.43031132	75.37038636	-1.226925026

YHR097C	YHR097C	-1.040074773	4.735262948	4.933648141	-1.041895286
SFB3	YHR098C	1.179135687	-1.056983931	-1.436984804	1.359514332
TRA1	YHR099W	1.166181181	-1.668251924	-1.909905255	1.14485422
YHR100C	YHR100C	1.202661401	-4.222382061	-2.883020767	-1.464568729
BIG1	YHR101C	-1.026515401	-1.383714511	1.2616814	1.096722604
KIC1	YHR102W	1.043718134	-1.678444459	1.73877272	-1.035942879
SBE22	YHR103W	-1.065559871	-1.102260227	1.125941166	-1.021483982
GRE3	YHR104W	-1.109896242	16.73982264	21.32045446	-1.27363682
YHR105W	YHR105W	1.068911121	-1.534304842	1.588412428	-1.035265212
TRR2	YHR106W	-1.204387251	-1.970985504	2.242061806	-1.137533382
CDC12	YHR107C	-1.050802621	-1.053540271	1.284198264	-1.218936095
GGA2	YHR108W	1.098897643	-1.023107747	-1.179283074	1.206533648
CTM1	YHR109W	1.128936454	-1.404313733	1.076402492	1.304636271
ERP5	YHR110W	-1.249602586	-1.127846425	1.435609907	-1.272877118
UBA4	YHR111W	-1.182342635	-1.132912462	1.189223638	-1.347286281
YHR112C	YHR112C	-1.065711526	2.280723092	2.076888583	1.098144171
YHR113W	YHR113W	1.091639581	2.203097316	1.846306191	1.193245913
BZZ1	YHR114W	-1.06105552	-1.265755905	1.531142439	-1.209666439
YHR115C	YHR115C	1.111783198	-1.489350707	1.616466123	-1.085349552
YHR116W	YHR116W	-1.485694001	-1.233936463	2.332409067	-1.890218123
TOM71	YHR117W	-1.023325372	-1.104311754	-1.438619143	1.302729178
ORC6	YHR118C	-1.245891158	-1.291370421	-1.144434673	-1.128391557
SET1	YHR119W	1.008984239	-1.49290936	-1.562208461	1.046418827
MSH1	YHR120W	-1.089222827	-1.805506459	-2.10871453	1.16793519
YHR121W	YHR121W	-1.205564298	-1.634299208	-1.113253538	-1.468038638
YHR122W	YHR122W	-1.27084745	-1.827218994	-1.125578968	-1.623359219
EPT1	YHR123W	1.192576474	-1.422042189	1.328236986	1.070623846
NDT80	YHR124W	1.030202457	-1.48669751	1.373752741	1.082216229
YHR127W	YHR127W	-1.180823361	-2.017653032	-2.168183247	1.074606591
FUR1	YHR128W	1.113120812	-5.026337595	-5.364327909	1.067243854
ARP1	YHR129C	-1.059203549	-1.496969121	-1.678693473	1.121394856
YHR130C	YHR130C	1.028258814	-1.320322725	-1.163983526	-1.134313928
YHR131C	YHR131C	1.18024364	-1.433645274	1.203212423	1.191514688
ECM14	YHR132C	1.055008476	-1.21024561	1.041968005	1.161499782
YHR132W-A	YHR132W-A	-1.23920987	-1.046554832	1.236324011	-1.293880867
YHR133C	YHR133C	1.278941609	-1.627848273	-2.737660987	1.681766681
WSS1	YHR134W	-1.039379771	-1.008366228	-1.05584958	1.047089391
YCK1	YHR135C	1.0061382	-1.111207068	-1.365000987	1.228394803
SPL2	YHR136C	-1.107972737	-2.572218004	-1.84296801	-1.395693246
ARO9	YHR137W	1.295459649	20.10189412	19.12885822	1.050867432
YHR138C	YHR138C	1.181763885	2.472575021	3.018999274	-1.220994003
SPS100	YHR139C	1.227989067	3.361394208	2.641130471	1.272710396
YHR140W	YHR140W	-1.091692798	4.818945904	3.698089139	1.303090793
RPL42B	YHR141C	-1.134702399	-11.92689407	-8.087939875	-1.474651673
CHS7	YHR142W	1.09344822	-1.078175104	-1.191878478	1.105459099
DSE2	YHR143W	1.03525864	-1.536047193	-2.010256766	1.308720705
RPC10	YHR143W-A	-1.184875492	-5.829493964	-3.76258036	-1.549334075
DCD1	YHR144C	-1.13757926	-3.339414618	-3.377340133	1.011356936
CRP1	YHR146W	1.127424495	-1.057667258	-1.108664271	1.172597899

MRPL6	YHR147C	-1.022127444	-1.036827251	-1.094987425	1.056094372
IMP3	YHR148W	-1.281742298	-10.50716877	-10.22510089	-1.027585828
YHR149C	YHR149C	-1.023222939	-4.757104676	-5.24717905	1.103019464
YHR150W	YHR150W	-1.110063342	-1.031051417	-1.173821288	1.210270102
YHR151C	YHR151C	1.129014743	-1.086841458	-1.30074129	1.196808679
SPO12	YHR152W	-1.012576149	-1.252504177	1.119857791	1.118449313
SPO16	YHR153C	-1.049732333	-1.775861253	-1.455705866	-1.219931371
RTT107	YHR154W	-1.160423534	-4.348484777	-3.836297019	-1.133510976
YHR155W	YHR155W	1.04022384	-1.177073306	-1.10389358	1.299363667
LIN1	YHR156C	1.047013372	-1.805240769	1.8582752	-1.029378037
REC104	YHR157W	1.207068869	-1.71356928	1.79192025	-1.045723841
KEL1	YHR158C	1.182446463	-1.267941187	1.113040877	1.139168573
YHR159W	YHR159W	-1.025198571	2.485057418	2.465955616	1.007746207
PEX18	YHR160C	1.035624696	9.058468294	8.087615138	1.120041958
YAP1801	YHR161C	1.051818841	2.974014728	2.353099012	1.263871478
YHR162W	YHR162W	1.020769415	-1.032197198	1.24963868	-1.210658857
SOL3	YHR163W	1.143463464	-1.175266655	1.334808221	-1.135749249
DNA2	YHR164C	-1.05422073	-1.182721181	1.173486707	1.007869262
PRP8	YHR165C	1.011776994	-1.272838591	-1.252426963	-1.016297659
CDC23	YHR166C	-1.185307533	-1.218370988	-1.281950979	1.052184427
THP2	YHR167W	-1.122840457	-1.662725159	-1.776143965	1.0682126
YHR168W	YHR168W	-1.028607443	-1.21993892	1.310133755	-1.073933894
DBP8	YHR169W	-1.204242996	-7.109884843	-6.407681913	-1.109587669
NMD3	YHR170W	-1.08654702	-18.89060247	-23.95424449	1.268050849
APG7	YHR171W	1.09040452	3.160757134	2.88460262	1.095733988
SPC97	YHR172W	1.047523715	-1.64882514	-1.820295067	1.103995216
CTR2	YHR175W	1.16783954	-2.022860416	-2.190570419	1.082907353
YHR176W	YHR176W	1.003389323	-1.088007676	1.022786555	-1.112799623
STB5	YHR178W	-1.131735194	-1.162288863	1.322721484	-1.138031625
OYE2	YHR179W	-1.165755151	-1.168501803	1.211931917	-1.416144631
YHR180W	YHR180W	1.041325293	-1.118143125	1.280730941	-1.145408769
YHR181W	YHR181W	-1.086591776	-1.15916194	1.123664814	-1.302509486
YHR182W	YHR182W	1.126480786	-1.143108484	-1.201358281	1.373282845
GND1	YHR183W	-1.05353829	-1.379889802	-1.001845454	-1.37734797
KOG1	YHR186C	-1.025071931	-1.399313614	-1.19697511	-1.16904153
IKI1	YHR187W	-1.091269811	-2.245180098	-2.27429732	1.012968769
GPI16	YHR188C	1.139003285	-1.195339388	-1.254040485	1.04910831
YHR189W	YHR189W	1.118909195	-1.347768367	1.687829342	-1.252314109
ERG9	YHR190W	1.1314474	-1.270584924	1.212802574	1.047643657
CTF8	YHR191C	-1.090681475	-1.37304871	-1.190207487	-1.153621301
YHR192W	YHR192W	-1.173013088	-1.049201191	1.213924407	-1.273650934
EGD2	YHR193C	-1.143345315	-2.241360863	-1.811536583	-1.23727055
YHR194W	YHR194W	1.080879179	-1.525334738	1.538819924	-1.008840805
NVJ1	YHR195W	-1.111847092	2.709683338	2.925725733	-1.079729757
UTP9	YHR196W	-1.113561638	-14.87516393	-25.35906921	1.704792589
YHR197W	YHR197W	1.112520219	-28.43383946	-35.23561266	1.239214026
YHR198C	YHR198C	1.256343966	3.10291908	2.500851273	1.240745147
YHR199C	YHR199C	1.035920179	2.234488054	2.389059387	-1.069175278
RPN10	YHR200W	-1.106991231	-1.049626693	1.253320271	-1.194062879

PPX1	YHR201C	-1.160468271	-1.361060481	-1.383109257	1.016199703
YHR202W	YHR202W	-1.098077826	-1.554218163	2.02910291	-1.305545745
RPS4B	YHR203C	-1.057500106	-6.968697924	-6.009183823	-1.159674613
MNL1	YHR204W	1.395141177	-2.604942044	-3.710485283	1.42440224
SCH9	YHR205W	1.265305235	-1.111755403	-1.582707212	1.423610992
SKN7	YHR206W	1.19411898	-1.657119122	-1.75887273	1.061403918
SET5	YHR207C	-1.276641037	-1.004826573	1.347099664	-1.34062902
BAT1	YHR208W	1.168368935	-5.473834685	-5.534871902	1.011150724
YHR209W	YHR209W	1.16291336	5.873781624	5.498836489	1.068186267
YHR210C	YHR210C	1.091053018	-1.947642287	1.139346213	1.709438505
FLO5	YHR211W	1.185534839	-1.542765084	1.196298944	1.289615017
YHR212C	YHR212C	1.111369198	-1.809491963	1.538508936	1.176133541
YHR213W	YHR213W	1.167386879	-1.171729815	-1.148068545	1.345226144
YHR214W	YHR214W	1.181979991	-1.347238463	-2.069246974	1.535917383
YHR214W-A	YHR214W-A	1.081535577	-1.016550804	1.156581979	-1.17572434
PHO12	YHR215W	-1.009801831	-15.16775518	-13.18838875	-1.150084022
IMD2	YHR216W	1.472874545	-3.106634801	-3.541399372	1.139947113
YHR218W	YHR218W	1.398906354	-1.207955258	-1.1353727	-1.063928399
YHR219W	YHR219W	-1.083225559	-1.060454189	1.243875329	-1.319072803
YILO01W	YILO01W	-1.172192381	-1.001021157	1.047096696	-1.048165946
INP51	YILO02C	1.112708063	-1.347537843	1.013963	1.328981278
DRE3	YILO03W	-1.096008199	-2.271642289	-1.987424907	-1.14300786
BET1	YILO04C	-1.121816999	-2.193025301	-1.99216243	-1.100826553
EPS1	YILO05W	1.010968864	-1.022926949	-1.238108721	1.210358884
YILO06W	YILO06W	1.245793406	-1.871796108	1.626813818	1.150590244
YILO07C	YILO07C	-1.216559852	-1.681433946	2.783863234	-1.655648286
URM1	YILO08W	-1.192286585	-4.177488356	-2.869315946	-1.455917868
EST3	YILO09C-A	1.07530508	-1.085162399	1.574062558	-1.450531791
FAA3	YILO09W	1.14228658	-1.645202981	-2.387237295	1.451029036
DOT5	YILO10W	-1.133901662	-1.206368097	1.001185254	1.204939936
TIR3	YILO11W	1.196265063	-2.084114574	-2.351374062	1.128236466
PDR11	YILO13C	-1.002241312	2.027253716	2.536921825	-1.251408151
YILO14C-A	YILO14C-A	-1.004087902	-1.160778148	1.831192119	-1.577555645
MNT3	YILO14W	1.108031677	-1.505035635	-1.768525293	1.175072039
BAR1	YILO15W	1.143921004	-1.119178828	-1.388710968	1.240830271
SNL1	YILO16W	-1.1386664	-2.79381251	-1.937361665	-1.442070709
VID28	YILO17C	-1.085253139	2.170619966	2.44062686	-1.124391602
RPL2B	YILO18W	-1.204878131	-9.927100662	-7.007623784	-1.416614386
YILO19W	YILO19W	-1.208918704	-15.35203863	-14.12103629	-1.087175071
HIS6	YILO20C	-1.083079722	-2.418171393	-2.029901757	-1.191275087
RPB3	YILO21W	-1.129353412	-1.666862835	-1.978806797	1.18714435
TIM44	YILO22W	-1.038280448	-1.028043089	1.114841866	-1.084431068
YILO23C	YILO23C	1.169796529	2.281095475	2.300717698	-1.008602105
YILO24C	YILO24C	-1.012550923	-1.11663947	1.279677144	-1.146007444
IRR1	YILO26C	-1.072910879	-1.38815769	-1.351265951	-1.027301613
KRE27	YILO27C	-1.041268879	-2.008124288	-1.683387756	-1.192906555
YILO28W	YILO28W	1.160966889	-1.628127753	1.32401496	1.229689848
SSM4	YILO30C	1.267521463	-1.561275159	-1.692454562	1.084020682
ULP2	YILO31W	-1.041589611	-1.028027185	-1.034608351	1.06360551

BCY1	YIL033C	1.227442314	2.709804306	2.192635045	1.235866549
CAP2	YIL034C	1.241597492	2.423933341	1.752557399	1.383083568
CKA1	YIL035C	-1.083820535	-1.073388308	-1.377681173	1.28348815
CST6	YIL036W	-1.111250493	2.260267798	2.387269414	-1.056188747
PRM2	YIL037C	1.190258366	-1.209941642	-1.823688609	1.507253363
NOT3	YIL038C	-1.076250684	-1.759416994	-1.413527725	-1.244699318
YIL039W	YIL039W	1.105295373	-1.742734405	-1.99128592	1.142621569
YIL040W	YIL040W	1.048776452	-2.353203183	-1.354253222	-1.737638978
YIL041W	YIL041W	-1.066551217	-1.103864742	1.053603415	1.047704218
YIL042C	YIL042C	1.061909103	-1.391613082	1.802888893	-1.295538909
CBR1	YIL043C	1.136680969	-2.058411691	-2.189723202	1.063792637
AGE2	YIL044C	-1.195522703	-1.482676325	-1.229097881	-1.206312653
PIG2	YIL045W	1.004283325	3.939109421	4.20401431	-1.067249944
MET30	YIL046W	-1.061032371	-1.539459085	-1.29312339	-1.190496666
SYG1	YIL047C	1.388912061	-1.766681683	-2.547743939	1.442106954
NEO1	YIL048W	1.233715582	-1.158849881	-1.066471417	1.235880275
DFG10	YIL049W	1.19523184	-1.443144836	-1.287764546	-1.120658928
PCL7	YIL050W	1.044510632	-1.720900988	1.598835755	1.076346324
MMF1	YIL051C	1.003124347	-1.243116919	1.453896957	-1.169557695
RPL34B	YIL052C	1.045625394	-7.791890779	-5.244263701	-1.485793092
RHR2	YIL053W	-1.077914764	-2.713361032	-2.011311713	-1.349050479
YIL055C	YIL055C	1.179481492	3.505594704	4.113904116	-1.173525311
YIL056W	YIL056W	1.287941867	-1.755301125	1.073656914	1.634880847
YIL059C	YIL059C	1.010837613	-1.857477478	-1.667924231	-1.113646199
SNP1	YIL061C	-1.056662385	-1.213709972	-1.207312303	-1.005299101
ARC15	YIL062C	-1.212307972	-1.258995846	1.957633858	-1.554916853
YRB2	YIL063C	-1.31740322	-1.165705243	1.618957841	-1.388822646
YIL064W	YIL064W	-1.213323358	-11.35526806	-8.354212652	-1.3592266
FIS1	YIL065C	-1.123700332	-1.371676985	2.162775168	-1.576737957
RNR3	YIL066C	1.476821819	-1.461106691	1.07374162	1.360761902
YIL067C	YIL067C	1.005469184	-1.010560504	1.183746895	-1.196247858
SEC6	YIL068C	-1.156977845	-1.317600631	1.334455959	-1.012792441
RPS24B	YIL069C	-1.117009778	-14.04302323	-9.632641181	-1.457858023
MAM33	YIL070C	-1.229361217	-1.163518506	-1.040974214	-1.117720776
PCI8	YIL071C	-1.335583173	-1.587548948	1.567918809	1.01251987
HOP1	YIL072W	1.509919194	2.327564104	1.369945987	1.699018886
SER33	YIL074C	1.216775915	-1.537360178	-2.272626401	1.478265428
RPN2	YIL075C	-1.061330698	-1.255143843	1.708531215	-1.361223436
SEC28	YIL076W	-1.202368929	-1.114263202	1.07562399	1.035922601
YIL077C	YIL077C	-1.044372107	2.332771962	2.223636578	1.049079686
THS1	YIL078W	-1.079781192	-2.609602015	-2.648415339	1.014873273
AIR1	YIL079C	-1.158451205	-7.61650854	-9.070709619	1.190927519
YIL082W	YIL082W	1.446361739	-2.974499737	-3.349670344	1.126128976
YIL082W-A	YIL082W-A	-1.012793573	-1.548036416	-1.54518766	-1.001843631
YIL083C	YIL083C	1.100321305	-1.987179893	-2.138623667	1.0762104
SDS3	YIL084C	1.046755017	-1.034500931	1.13281517	-1.171898348
KTR7	YIL085C	1.105398267	-1.339982249	-1.605575815	1.19820678
YIL086C	YIL086C	1.020275035	-1.99244866	-1.991402569	-1.000525304
YIL087C	YIL087C	1.316426483	4.156719565	3.959863841	1.049712751

YIL088C	YIL088C	1.265153368	-1.146930138	-1.091345409	1.251696941
YIL089W	YIL089W	1.183401809	-1.267047429	1.35519736	-1.069571137
YIL090W	YIL090W	1.206703736	-1.599608349	-1.805508577	1.12871915
YIL091C	YIL091C	-1.108534406	-26.36231389	-23.13031281	-1.139730107
YIL092W	YIL092W	-1.053404865	-1.42318347	-1.804932357	1.268235892
RSM25	YIL093C	1.146271224	-1.057024028	-1.336163339	1.412356756
LYS12	YIL094C	-1.191769408	-2.684866497	-2.648627221	-1.013682286
PRK1	YIL095W	-1.027559489	-1.55582311	1.475437867	1.054482296
YILO96C	YIL096C	-1.087586557	-7.171716171	-8.929343618	1.245077664
FYV10	YIL097W	1.017039604	3.82157083	2.893593971	1.32070044
FMC1	YIL098C	1.00920218	-1.509173157	1.728689679	-1.145454828
SGA1	YIL099W	1.286653235	11.15654152	11.52074171	-1.032644543
YIL100W	YIL100W	1.261189102	2.769453804	2.267084275	1.22159279
XBP1	YIL101C	1.167929391	-1.970655853	2.648057011	-1.343744016
YIL103W	YIL103W	-1.119671695	-15.70428645	-21.09509463	1.343269858
SHQ1	YIL104C	1.017252173	-3.944223642	-4.753177555	1.205098389
YIL105C	YIL105C	-1.128531944	2.344183182	2.684692765	-1.145257242
MOB1	YIL106W	-1.051230793	-1.293769619	-1.27460966	-1.015032021
PFK26	YIL107C	-1.198421943	2.424170895	2.423776294	1.000162804
YIL108W	YIL108W	1.152992343	-1.790199314	1.914228511	-1.06928234
SEC24	YIL109C	1.271865612	-1.24829589	1.02742114	1.21497976
YIL110W	YIL110W	-1.05017663	-3.232281294	-3.421116474	1.058421642
COX5B	YIL111W	-1.095807096	4.149212363	4.037854701	1.027578422
YIL112W	YIL112W	1.036820781	-1.341631516	1.179531766	1.137427202
SDP1	YIL113W	-1.043861399	7.28411678	7.864282517	-1.079648055
POR2	YIL114C	1.082747339	-1.535386532	-1.450918914	-1.058216636
NUP159	YIL115C	1.011874191	-1.634615176	-1.599182299	-1.022156872
HIS5	YIL116W	1.039774075	-1.024040398	1.077861496	-1.052557592
PRM5	YIL117C	1.017302368	3.399961877	4.14451248	-1.218987926
RHO3	YIL118W	-1.10742604	-1.490545902	-1.575072693	1.056708614
RPI1	YIL119C	1.198793071	-1.13103659	-1.225041163	1.385566381
QDR1	YIL120W	1.128798156	-1.288692819	1.089153475	1.1832059
YIL121W	YIL121W	1.273131195	-2.058516677	-2.812101884	1.366081662
POG1	YIL122W	-1.132779755	-1.535349295	1.344388494	1.142042871
SIM1	YIL123W	1.067058594	-1.806374485	-2.035654332	1.126928192
AYR1	YIL124W	1.405454117	3.319690782	2.563572851	1.294946925
KGD1	YIL125W	1.311177985	-1.588313637	1.315060351	1.207787639
STH1	YIL126W	1.071543088	-1.13577085	-1.279332514	1.126400202
YIL127C	YIL127C	-1.080198686	-13.82814939	-14.67997926	1.061601147
MET18	YIL128W	1.10791691	-1.414403311	-1.474195848	1.042274036
TAO3	YIL129C	1.17057554	-1.308150795	1.00801619	1.297747802
GIN1	YIL130W	1.028924456	-1.381915702	-2.056366359	1.488054846
FKH1	YIL131C	1.000999481	-1.972251206	-2.447167546	1.240799113
CSM2	YIL132C	-1.166560447	-1.357177204	-1.039909669	-1.305091437
RPL16A	YIL133C	1.08390394	-13.74271412	-10.62509742	-1.293420058
FLX1	YIL134W	1.327604983	-1.071468435	-1.574111462	1.469116037
YIL135C	YIL135C	1.197575358	-1.844606066	1.625043828	1.135111579
OM45	YIL136W	-1.22977087	16.54197915	19.81426235	-1.197816909
YIL137C	YIL137C	1.176678956	-1.217622708	1.12537419	1.081971418

TPM2	YIL138C	1.026698063	-1.218444816	1.169062323	1.042241113
REV7	YIL139C	1.018097103	-1.265662456	-1.504764468	1.188914517
AXL2	YIL140W	1.25924896	-1.561367003	-2.097644978	1.343466958
CCT2	YIL142W	-1.14204993	-1.628084242	-1.441811256	-1.129193738
SSL2	YIL143C	-1.045864802	-1.180460095	1.301346056	-1.1024058
TID3	YIL144W	1.064246009	-1.368923774	1.161548849	1.178533107
PAN6	YIL145C	1.019106307	-1.535956649	-1.378268576	-1.114410266
ECM37	YIL146C	1.275363847	-1.49683874	1.093964607	1.368269805
SLN1	YIL147C	1.207397772	-1.775385523	-2.487739566	1.401239074
RPL40A	YIL148W	-1.014859961	-4.991521	-3.004652404	-1.661264042
MLP2	YIL149C	-1.037505445	-1.228388892	-1.244453431	1.01307773
DNA43	YIL150C	1.307436324	-1.005668944	-1.000502788	-1.00516356
YIL151C	YIL151C	-1.102873386	-1.649125858	-1.219143875	-1.352691747
YIL152W	YIL152W	-1.296923748	-1.342795401	1.943903159	-1.447654019
RRD1	YIL153W	1.116858926	-1.659470262	1.505959687	1.101935381
IMP2'	YIL154C	1.014445589	-1.939825979	2.245019752	-1.15733049
GUT2	YIL155C	-1.064468002	3.857684736	4.544929583	-1.178149562
UBP7	YIL156W	1.160362716	-1.389996337	1.20396756	1.154513114
YIL157C	YIL157C	1.025695908	-1.856460659	2.110984228	-1.137101515
YIL158W	YIL158W	-1.10094764	-4.61969142	-3.789829844	-1.218970669
BNR1	YIL159W	1.084189194	-1.609800336	-1.804510349	1.120952896
POT1	YIL160C	1.012520337	12.31562426	11.03274941	1.116278798
YIL161W	YIL161W	-1.158364244	-1.271212755	1.719017596	-1.35226585
SUC2	YIL162W	1.291217151	-1.204213723	1.137503646	1.058646033
NIT1	YIL164C	-1.001112423	-1.574666586	1.561467938	1.008452718
YIL165C	YIL165C	-1.145318093	-1.445458081	1.678524878	-1.161240786
YIL166C	YIL166C	1.042596962	2.162693891	2.301653545	-1.064253039
YIL167W	YIL167W	-1.270822906	-1.278570565	1.761404295	-1.377635575
SDL1	YIL168W	-1.094952828	-1.273480649	1.640127261	-1.287909056
YIL169C	YIL169C	1.223820918	4.348882045	4.005439028	1.085744164
YIL172C	YIL172C	1.257087021	-1.550718986	1.564869457	-1.009125104
VTH1	YIL173W	1.079577018	-1.275866319	1.073836973	1.188137819
YIL175W	YIL175W	1.381593617	-1.399295797	1.35954811	1.029235954
YIL176C	YIL176C	1.045031005	-1.072017808	1.11084348	-1.190843993
YIL177C	YIL177C	-1.008796604	-1.047641074	1.206724253	-1.151848932
SGN1	YIR001C	-1.18496176	-1.072521913	-1.062730778	-1.009213185
MPH1	YIR002C	-1.120302307	-1.705332359	2.028383181	-1.189435696
YIR003W	YIR003W	1.121049578	-1.839037529	1.51847805	1.211105771
DJP1	YIR004W	-1.155294301	-1.445115777	-1.315220387	-1.098763212
IST3	YIR005W	-1.101374669	-1.00191223	-1.04484729	1.042853114
PAN1	YIR006C	1.166217465	-1.336419029	1.01444549	1.317388705
YIR007W	YIR007W	-1.058610829	2.375812287	2.226764118	1.066934871
PRI1	YIR008C	-1.130418046	-1.136441903	-1.229878963	1.082218951
MSL1	YIR009W	-1.155193158	-1.113091254	1.291863788	-1.160609055
DSN1	YIR010W	-1.152035276	-1.046575706	1.280542111	-1.340184264
STS1	YIR011C	-1.173011555	-1.05992195	-1.079954129	1.144667087
SQT1	YIR012W	1.026047115	-3.825746107	-3.477729879	-1.100069942
GAT4	YIR013C	1.345117839	-1.655062665	1.345818802	1.229781202
YIR014W	YIR014W	-1.096935358	2.160252544	4.10978759	-1.902457008

RPR2	YIRO15W	1.235818672	2.325563814	1.813207214	1.282569249
YIRO16W	YIRO16W	1.108829699	4.182138858	4.169558272	1.003017247
MET28	YIRO17C	-1.078892969	2.203013853	2.201107566	1.000866058
YAP5	YIRO18W	-1.213859076	-1.318403974	1.620441192	-1.229093072
MUC1	YIRO19C	1.420209552	-1.021630519	-1.409594713	1.440084978
YIRO20C	YIRO20C	1.37909739	2.211852975	1.92289719	1.150271053
MRS1	YIRO21W	-1.039503378	-1.641423322	-1.559591766	-1.052469856
SEC11	YIRO22W	1.091114313	-1.259030173	-1.115596621	-1.12857116
DAL81	YIRO23W	-1.084056965	-1.306921336	-1.341657253	1.026578429
GIF1	YIRO24C	-1.108302464	-1.654389623	1.876909947	-1.134502973
MND2	YIRO25W	-1.036114176	-1.612834514	1.688080109	-1.046654256
YVH1	YIRO26C	-1.101754294	-6.905470189	-6.044287225	-1.142478829
DAL1	YIRO27C	1.418451337	2.07208321	1.320310341	1.569391033
DAL4	YIRO28W	1.522942985	2.32455966	2.000804707	1.16181237
DAL2	YIRO29W	-1.05636555	-1.536789561	1.736077412	-1.129678035
DCG1	YIRO30C	-1.297293248	-2.081857264	-1.593997047	-1.306060928
DAL7	YIRO31C	-1.159451805	-1.132919729	1.289963049	-1.138618223
DAL3	YIRO32C	-1.175676326	-1.320648758	1.600325586	-1.211772303
MGA2	YIRO33W	-1.129807105	-1.656741595	-1.356502018	-1.221333675
LYS1	YIRO34C	1.274986974	-1.69991695	2.107748005	-1.239912341
YIRO35C	YIRO35C	1.125932683	-1.946745435	-2.028221858	1.041852634
YIRO36C	YIRO36C	-1.00871605	2.116490578	2.052662779	1.031095121
HYR1	YIRO37W	1.128332485	-1.469619637	1.738058441	-1.182658694
GTT1	YIRO38C	-1.057566817	2.551139888	3.076426084	-1.205902546
YPS6	YIRO39C	1.183143673	6.826644178	8.077185306	-1.183185339
YIRO41W	YIRO41W	-1.000678356	-1.264034889	1.551884837	-1.227723104
YIRO42C	YIRO42C	1.303796111	-1.385571091	-1.619783312	1.169036596
YIRO43C	YIRO43C	1.891327414	3.444389776	1.80344516	1.90989438
YIRO44C	YIRO44C	1.500778609	-1.370367397	1.455603996	-1.062199815
PRE3	YJL001W	1.006915657	-1.228492564	1.321833237	-1.075979844
OST1	YJL002C	1.267848677	-1.424877548	-2.21478764	1.55437051
COX16	YJL003W	-1.130802508	-1.128604919	1.180352429	-1.045850863
SYS1	YJL004C	1.138428977	-1.179462943	-1.148996132	-1.026516026
CYR1	YJL005W	1.058817005	2.168234755	2.082052536	1.041392912
CTK2	YJL006C	-1.149586523	-1.747095162	-1.707596519	-1.023131134
CCT8	YJL008C	-1.273111861	-2.12523777	-1.868635863	-1.137320445
YJL009W	YJL009W	-1.077023113	-1.261631157	-1.453255458	1.151886152
YJL010C	YJL010C	-1.007540307	-6.304920634	-8.084589282	1.282266622
RPC17	YJL011C	-1.029828821	-2.576771928	-4.23876256	1.64498942
VTC4	YJL012C	1.121632192	-2.534700409	-3.482460238	1.373913945
YJL012C-A	YJL012C-A	1.053782115	-2.71643268	-3.186374848	1.172999748
MAD3	YJL013C	-1.220484911	-1.443645244	1.687801827	-1.169125057
CCT3	YJL014W	-1.141098572	-1.971184713	-1.666880179	-1.182559334
YJL016W	YJL016W	1.224117282	3.431470903	2.352764161	1.458484858
YJL017W	YJL017W	1.132189192	3.102282655	2.016293931	1.538606354
YJL018W	YJL018W	1.194208126	-1.425378487	-1.515032667	1.062898508
MPS3	YJL019W	1.176553901	-1.500757052	-1.621567266	1.080499514
BBC1	YJL020C	1.428286117	2.419758951	1.594131906	1.517916392
PET130	YJL023C	-1.075109588	-1.416358404	1.107482886	1.278898683

APS3	YJL024C	-1.037073072	-1.016194843	-1.196706495	1.216086969
RRN7	YJL025W	1.17193098	-2.036084549	-2.598096564	1.276025873
RNR2	YJL026W	1.057957311	-1.055111861	1.201852348	-1.139075762
YJL027C	YJL027C	1.440060197	-1.221248166	-1.281168656	1.049064958
VPS53	YJL029C	-1.090812663	-1.134243766	-1.005694897	1.140703168
MAD2	YJL030W	-1.287221531	-1.184180871	1.763312529	-1.489056759
BET4	YJL031C	1.053702647	-1.652951088	1.331165008	1.241732677
HCA4	YJL033W	1.060310296	-28.33915957	-31.02614303	1.094815213
KAR2	YJL034W	1.072213712	5.978831631	8.075781823	-1.350729092
TAD2	YJL035C	-1.122644179	-1.181759544	1.304167809	-1.541212755
SNX4	YJL036W	-1.177122072	-1.867554615	1.793700007	1.041174448
NUP192	YJL039C	1.188029311	-1.592556073	-1.768755636	1.110639472
NSP1	YJL041W	1.038875933	-1.47988403	-1.600156847	1.081271785
MHP1	YJL042W	1.148275248	2.803836624	2.732068432	1.026268812
YJL043W	YJL043W	1.170105654	-1.101182544	-1.051443109	1.157830798
GYP6	YJL044C	-1.096849349	-1.083882242	-1.239570183	1.143639165
YJL045W	YJL045W	-1.330536604	4.074668266	5.11503265	-1.255324929
YJL046W	YJL046W	-1.062615779	-1.401604479	1.015944786	1.379606941
RTT101	YJL047C	-1.08664276	-1.454685786	1.478050006	-1.016061352
YJL048C	YJL048C	-1.057305188	3.372879786	4.362946889	-1.293537619
YJL049W	YJL049W	1.002352114	-1.09144518	-1.086985328	1.186384897
MTR4	YJL050W	-1.025267468	-50.49089946	-62.27001756	1.233291906
YJL051W	YJL051W	1.022348612	-1.06394592	-1.136442353	1.068139209
TDH1	YJL052W	-1.02414112	-1.262805583	2.222394045	-1.75988614
PEP8	YJL053W	-1.201852104	2.088134439	1.772321704	1.178191541
TIM54	YJL054W	-1.436831625	-1.561092117	-1.171385586	-1.332688515
YJL055W	YJL055W	-1.137836785	-1.695898298	2.031084212	-1.197645056
ZAP1	YJL056C	1.083249554	-1.265791063	-1.578547027	1.247083404
IKS1	YJL057C	-1.329823977	4.69614336	6.624064917	-1.410532944
BIT1	YJL058C	-1.008194561	-1.153963438	-1.067678788	-1.080815176
YHC3	YJL059W	-1.018440662	-1.481539383	1.640488818	-1.107286676
BNA3	YJL060W	1.295159938	-1.501209133	1.153462676	1.301480458
NUP82	YJL061W	-1.088245777	-1.037411498	-1.136677322	1.179202122
LAS21	YJL062W	1.245080074	-1.128537944	-1.469486344	1.30211514
YJL062W-A	YJL062W-A	1.144891467	-1.216606493	1.757204501	-1.444349106
MRPL8	YJL063C	-1.273624637	-1.127109288	1.194849642	-1.346726129
YJL065C	YJL065C	-1.13369379	-1.30647297	-1.192625374	-1.095459646
MPM1	YJL066C	-1.069452926	4.099104233	4.129656381	-1.007453372
YJL067W	YJL067W	1.183687249	-1.431543846	2.104595487	-1.470157894
YJL068C	YJL068C	1.009634305	2.281558296	2.376249382	-1.041502813
UTP18	YJL069C	-1.11163136	-10.45731675	-10.04170472	-1.041388593
YJL070C	YJL070C	1.1127914	2.990530293	2.167707652	1.379581923
ARG2	YJL071W	-1.344116803	-1.233566084	1.048767038	-1.293723448
YJL072C	YJL072C	-1.014082314	-1.304552352	-1.26448634	-1.031685602
JEM1	YJL073W	-1.167590293	-1.058413513	1.433543776	-1.517282104
SMC3	YJL074C	-1.034260439	-2.294454415	-1.740199773	-1.318500583
NET1	YJL076W	1.300657898	-1.745736897	-2.526837603	1.447433235
PRY3	YJL078C	1.297820708	-1.010279395	-1.416871778	1.402455386
PRY1	YJL079C	1.255762831	-1.10701846	-2.086773566	1.885039538

SCP160	YJL080C	1.008673716	-3.394207333	-3.13620866	-1.082264511
ARP4	YJL081C	-1.158806087	-1.264066088	-1.355784036	1.072557874
IML2	YJL082W	1.11298298	3.963704724	4.352610374	-1.098116705
YJL083W	YJL083W	1.344120863	2.701062346	2.074976847	1.301731318
YJL084C	YJL084C	1.167263296	-1.809993734	1.262702488	1.4334285
EXO70	YJL085W	-1.110784104	-1.168178904	-1.026170565	1.198750807
TRL1	YJL087C	1.011247464	-2.142819049	-2.440098063	1.138732673
ARG3	YJL088W	1.055075502	2.228406167	2.174622117	1.024732595
DPB11	YJL090C	-1.103718488	-1.047435332	-1.175950102	1.122694707
YJL091C	YJL091C	1.20792051	2.229830166	1.709997341	1.303996276
HPR5	YJL092W	1.112298198	-1.211951522	-1.351739273	1.115341042
TOK1	YJL093C	1.175815724	-1.30590358	1.2880686	1.013846296
KHA1	YJL094C	1.205206366	-1.920209006	1.435615143	1.337551373
BCK1	YJL095W	1.002813764	-1.342812022	-1.45156281	1.080987351
MRPL49	YJL096W	-1.111586816	-1.145891677	1.090103238	-1.249140227
YJL097W	YJL097W	1.109913695	-1.386212073	-1.026273085	-1.350724377
SAP185	YJL098W	-1.006845746	-4.890063588	-4.914699638	1.005037982
CHS6	YJL099W	-1.017870742	-1.507288445	1.216495454	1.239041576
LSB6	YJL100W	-1.147016999	-1.489312068	2.257195152	-1.515595825
GSH1	YJL101C	1.125520414	-1.889976461	-2.033453867	1.075914917
MEF2	YJL102W	1.02294988	3.228409369	3.001679339	1.075534394
YJL103C	YJL103C	1.004013503	3.658426442	3.390452365	1.079037853
MIA1	YJL104W	-1.341107158	-1.434082547	-1.199213426	-1.195852645
SET4	YJL105W	1.003508385	-1.053255995	-1.107922491	1.166926006
IME2	YJL106W	1.120655335	2.243974577	1.638863595	1.369225959
YJL107C	YJL107C	-1.030329141	2.613958576	2.676147146	-1.023790955
PRM10	YJL108C	1.075741932	2.678987161	2.648458785	1.011526846
UTP10	YJL109C	1.277127937	-16.51537652	-17.48442589	1.058675584
GZF3	YJL110C	-1.209362646	-1.327934256	-1.289291597	-1.029972009
CCT7	YJL111W	-1.147846981	-2.556777286	-3.163066902	1.237130398
MDV1	YJL112W	-1.32938363	-1.370759642	-1.251780694	-1.095047758
ASF1	YJL115W	-1.059657143	-1.448099811	-1.253189865	-1.155531058
NCA3	YJL116C	1.218234945	-1.898322077	1.190559104	1.594479493
PHO86	YJL117W	1.094089539	-1.678383849	-1.940390415	1.156106463
YJL118W	YJL118W	1.026063911	-2.093102769	-1.654419079	-1.265158747
YJL119C	YJL119C	1.085228309	-1.236860071	-1.021546242	-1.210772475
RPE1	YJL121C	1.359589512	-1.926565259	-2.279704401	1.18329986
YJL122W	YJL122W	-1.084948955	-20.10877153	-31.40934191	1.56197219
YJL123C	YJL123C	-1.018499101	-1.161553537	1.128847917	1.028972565
LSM1	YJL124C	-1.235954091	-2.014367299	-1.55760963	-1.293242709
GCD14	YJL125C	-1.133977795	-4.679662917	-4.321197085	-1.082955214
NIT2	YJL126W	-1.08574452	-1.177972272	1.098410289	1.072433757
SPT10	YJL127C	1.175727148	-1.104608997	-1.3025574	1.438816624
PBS2	YJL128C	1.006104177	-1.3297685	1.160945214	1.145418823
TRK1	YJL129C	1.08873365	-1.698622543	-1.445342135	-1.175239067
URA2	YJL130C	1.172578725	-4.299322926	-5.112743997	1.189197482
YJL131C	YJL131C	-1.037290817	-1.94641288	1.670316315	1.165295976
YJL132W	YJL132W	-1.00627033	2.335566594	1.900940438	1.22863744
MRS3	YJL133W	1.045003905	-1.646533066	-1.694686589	1.029245403

LCB3	YJL134W	1.123755194	-2.139358978	-2.215249552	1.035473511
RPS21B	YJL136C	1.021095838	-7.407235095	-4.898327491	-1.512196787
GLG2	YJL137C	1.021803046	-1.900537545	1.741052589	1.091602608
TIF2	YJL138C	1.099850797	-3.497056973	-3.490916679	-1.001758935
YUR1	YJL139C	-1.021238215	-1.297106402	1.215518071	1.067122269
RPB4	YJL140W	-1.155966617	-1.054304345	1.205495111	-1.143403341
YAK1	YJL141C	-1.061395318	4.744365842	4.635886949	1.023399814
YJL142C	YJL142C	1.015856134	5.304716885	5.150870533	1.029868029
TIM17	YJL143W	1.07227517	-1.644323273	-1.409496963	-1.166602921
YJL144W	YJL144W	-1.09628768	11.01883654	17.95623837	-1.629594769
SFH5	YJL145W	-1.162223184	-2.511943703	-2.414991543	-1.040145962
IDS2	YJL146W	-1.036566355	-1.500027988	1.692822022	-1.128526958
YJL147C	YJL147C	-1.171752693	-1.084301579	1.161217673	-1.070936071
RPA34	YJL148W	-1.086903333	-21.12598032	-24.93850986	1.180466397
YJL149W	YJL149W	1.082061941	-1.925402813	1.867976479	1.030742536
SNA3	YJL151C	1.002381146	-1.508689429	2.294392248	-1.520784997
INO1	YJL153C	1.091841166	-1.987739213	1.927342963	1.031336535
VPS35	YJL154C	-1.17321877	-1.440519377	1.916300532	-1.330284453
FBP26	YJL155C	-1.042309085	3.730197435	3.090911775	1.206827534
SSY5	YJL156C	1.114070059	-1.243279346	-1.183561419	1.471497467
FAR1	YJL157C	-1.069036422	-3.962773729	-6.608571395	1.667663068
CIS3	YJL158C	1.011832202	-2.180213791	-2.07857855	-1.048896512
HSP150	YJL159W	1.104799719	2.619585046	2.869025629	-1.09522141
YJL161W	YJL161W	-1.000855197	10.27622566	14.41546504	-1.402797634
YJL162C	YJL162C	-1.159014931	-1.287343187	-1.766383432	1.372115415
YJL163C	YJL163C	-1.046674375	4.824831723	6.034192833	-1.250653531
TPK1	YJL164C	-1.032707405	3.946098315	3.264342436	1.208849375
HAL5	YJL165C	1.107519651	-1.788992382	2.033436944	-1.136638123
QCR8	YJL166W	1.067154751	-1.674177079	2.726336077	-1.628463387
ERG20	YJL167W	-1.155015094	-1.332126414	-1.371892063	1.029851258
SET2	YJL168C	1.024499643	-1.097325067	-1.178730954	1.074185754
ASG7	YJL170C	1.061249875	-1.134917771	1.022760869	1.109660924
YJL171C	YJL171C	1.165957549	-1.775919431	1.805130459	-1.016448397
CPS1	YJL172W	1.397276147	-1.785857997	1.57107206	1.136712977
RFA3	YJL173C	-1.12808987	-1.823386712	-1.31033621	-1.391541115
KRE9	YJL174W	1.000019131	-1.594294042	1.637370265	-1.027018995
SWI3	YJL176C	-1.012687711	-1.266203761	-1.108149052	-1.142629467
RPL17B	YJL177W	-1.221309583	-8.304904429	-6.006612011	-1.38262708
YJL178C	YJL178C	-1.110534824	-1.441900024	-1.347978941	-1.069675482
PFD1	YJL179W	-1.014263603	-2.102204605	-1.906627827	-1.102577323
ATP12	YJL180C	-1.217426886	-1.273853985	-1.052512187	-1.210298561
YJL181W	YJL181W	1.089996957	-1.057670443	-1.267329158	1.198226882
MNN11	YJL183W	1.101817416	-2.096070429	-2.227306408	1.062610482
YJL184W	YJL184W	-1.189997188	-1.507711799	-1.015927239	-1.484074588
YJL185C	YJL185C	1.045687933	2.908029639	2.929064157	-1.007233254
MNN5	YJL186W	1.081972178	-1.849957385	-2.177543237	1.177077512
SWE1	YJL187C	-1.093777144	-1.738332389	-2.074069402	1.193137409
BUD19	YJL188C	1.660453058	-5.57191777	-5.137055317	-1.084652088
RPL39	YJL189W	1.052168916	-6.534152305	-4.315472424	-1.514122131

RPS22A	YJL190C	1.219472592	-13.30440662	-11.48475103	-1.158441014
RPS14B	YJL191W	1.190667466	-4.466756218	-5.425559091	1.214653056
YJL192C	YJL192C	1.028468775	-2.077401459	-1.596397124	-1.30130619
YJL193W	YJL193W	1.35944532	-1.891630231	-3.232641631	1.708918359
CDC6	YJL194W	1.083516691	-1.043372794	-1.081603261	1.128515416
ELO1	YJL196C	1.27960657	-1.180913546	1.078323967	1.095137994
UBP12	YJL197W	1.084423473	-1.233577491	-1.367868978	1.108863438
PHO90	YJL198W	1.253782714	-7.901887688	-11.3925959	1.441756243
YJL199C	YJL199C	1.034162865	2.787914044	5.226123122	-1.874563936
YJL200C	YJL200C	-1.141045324	-12.14947135	-13.62603848	1.121533446
ECM25	YJL201W	-1.010138788	-1.257709337	-1.171324855	-1.07374938
PRP21	YJL203W	-1.000020309	-1.074233071	-1.400530527	1.303749219
RCY1	YJL204C	1.063570603	-1.349197171	-1.131123285	1.526108336
NCE101	YJL205C-A	1.411377207	-1.206266041	1.54516303	-1.280947135
YJL206C	YJL206C	1.22056625	2.111246276	2.097149671	1.006721793
YJL207C	YJL207C	1.071133943	-1.865184481	-2.257931198	1.210567223
NUC1	YJL208C	-1.177735244	-6.759392429	-5.82206039	-1.16099662
CBP1	YJL209W	-1.028282157	-1.351118629	-1.549482296	1.146814396
PEX2	YJL210W	1.177422015	-1.30386437	1.274867344	1.022745132
OPT1	YJL212C	1.41879497	-2.429295987	-3.715351583	1.529394361
YJL213W	YJL213W	-1.191763584	5.311810194	6.214430937	-1.169927145
HXT8	YJL214W	1.056099626	-1.30914968	1.46404092	-1.118314385
YJL216C	YJL216C	1.204786644	-1.057408576	-1.572046763	1.486697573
YJL217W	YJL217W	1.145173799	2.65002024	2.115042714	1.252939348
YJL218W	YJL218W	-1.249729318	-1.219736964	1.433098117	-1.174923906
HXT9	YJL219W	2.327324443	2.355126264	1.688126019	1.395112828
FSP2	YJL221C	1.24694072	-1.529017571	1.566959209	-1.02481439
VTH2	YJL222W	1.122570823	-1.267189827	1.033706686	1.225869818
PAU1	YJL223C	1.057998748	-1.082611245	1.105354126	-1.196668808
YJL225C	YJL225C	1.008172031	-1.056649484	1.181168336	-1.117843101
YJR001W	YJR001W	1.152067149	-1.069951653	-1.215171091	1.135725233
MPP10	YJR002W	1.010752279	-7.598599655	-8.240326455	1.084453298
YJR003C	YJR003C	-1.05384041	-2.589077974	-3.131174784	1.209378326
SAG1	YJR004C	1.335000652	-1.482449394	-1.810500662	1.221290028
APL1	YJR005W	-1.102695975	-1.04923313	-1.05740268	1.109461924
HYS2	YJR006W	-1.219010809	-1.075866442	1.307429919	-1.406619975
SUI2	YJR007W	1.15439694	-2.552711783	-3.349455848	1.312116734
YJR008W	YJR008W	-1.052555406	7.232637186	7.834058915	-1.083153864
TDH2	YJR009C	1.052415665	-1.487919369	1.353148263	-2.013375508
SPC1	YJR010C-A	1.299079149	-1.458961933	-1.496538639	1.025755782
MET3	YJR010W	-1.06404875	-1.759568705	-1.745091486	-1.008295966
YJR011C	YJR011C	-1.242099519	-1.283614605	-1.149999401	-1.116187194
YJR012C	YJR012C	-1.12456191	-1.359093586	1.350301892	-1.83518664
YJR013W	YJR013W	1.171696366	-1.263173253	-1.677599205	1.328083223
YJR014W	YJR014W	-1.202352937	-1.456195959	-1.10331471	-1.319837347
YJR015W	YJR015W	1.117604484	-1.233191709	-1.399141758	1.134569546
ILV3	YJR016C	1.109409172	-8.364446674	-8.754880872	1.046677827
ESS1	YJR017C	-1.143228472	-1.56439069	-1.081819284	-1.446073954
YJR018W	YJR018W	1.2625234	-1.808660331	-1.937477566	1.071222458

TES1	YJR019C	1.146468499	-1.983009755	1.828029615	1.084779885
YJR020W	YJR020W	1.08955099	2.161688221	1.980488802	1.091492271
REC107	YJR021C	-1.295582822	-1.822457267	2.563598485	-1.406671383
LSM8	YJR022W	1.059820854	-1.201968418	1.226689468	-1.020567138
YJR024C	YJR024C	1.068683933	-1.645449955	-1.511368183	-1.088715492
BNA1	YJR025C	-1.148369749	-1.271381936	1.635589847	-1.286466166
YJR030C	YJR030C	-1.040984103	-1.248101763	-1.128002417	-1.106470823
GEA1	YJR031C	-1.03661452	-2.436967711	-2.526306191	1.03665969
CPR7	YJR032W	-1.351123527	-1.570256321	-1.249480948	-1.256726902
RAV1	YJR033C	1.038206175	-1.604097528	1.546912881	1.036966948
PET191	YJR034W	1.119012376	-1.260191606	-1.026108694	1.293093563
RAD26	YJR035W	1.05847523	-1.763175403	1.73243561	1.017743686
HUL4	YJR036C	-1.216726106	3.592809801	4.42452921	-1.23149553
YJR039W	YJR039W	1.034265234	-1.793275482	2.447568302	-1.364859068
GEF1	YJR040W	1.08589878	-1.003089749	1.120035068	-1.1165851
YJR041C	YJR041C	1.175629581	-11.16882886	-16.87428511	1.510837467
NUP85	YJR042W	-1.037541564	-1.700455039	-1.71591048	1.009089003
POL32	YJR043C	-1.121224146	-1.904812104	-2.067133495	1.085216484
VPS55	YJR044C	1.500428218	-1.56909614	-1.165822211	1.829287131
SSC1	YJR045C	1.01667315	2.566743767	3.253842191	-1.267692644
TAH11	YJR046W	1.038734106	3.559768561	5.535319939	-1.554966241
ANB1	YJR047C	1.110065091	-1.967390558	-1.401909175	-1.403365206
CYC1	YJR048W	1.028814492	-2.431391757	-1.903371172	-1.277413356
UTR1	YJR049C	1.024744727	-1.417000072	1.426540034	-1.006732507
ISY1	YJR050W	-1.16145114	-1.065569911	1.049830752	1.014992092
OSM1	YJR051W	-1.058136009	-1.524617902	1.327320633	1.148643262
RAD7	YJR052W	-1.192772815	-1.586961265	1.852778162	-1.167500558
YJR054W	YJR054W	-1.079875623	-1.382517629	-1.46308076	1.058272769
YJR056C	YJR056C	-1.036850566	-1.502270908	1.553402333	-1.034036088
CDC8	YJR057W	-1.069236441	-1.517716362	-1.459086157	-1.040182825
APS2	YJR058C	-1.045787605	-1.057341956	1.464838528	-1.385397146
PTK2	YJR059W	1.12391493	2.940178628	2.596255579	1.132468872
CBF1	YJR060W	-1.030262635	-1.551129922	1.254634578	1.23632008
YJR061W	YJR061W	1.093523707	-1.430967023	-1.60496047	1.121591514
NTA1	YJR062C	-1.005947722	-1.81132175	1.766266028	1.025509023
RPA12	YJR063W	1.12720837	-12.1927829	-9.15497185	-1.331820905
CCT5	YJR064W	1.014463993	-2.056727437	-2.334296042	1.134956436
ARP3	YJR065C	1.095211529	-1.570237546	1.336160288	1.175186511
TOR1	YJR066W	1.149460234	-1.189788616	1.202211682	-1.010441406
YAE1	YJR067C	-1.20380152	-1.641721435	1.073585371	-1.762528116
RFC2	YJR068W	-1.295557492	-2.108500772	-1.335544884	-1.578756952
HAM1	YJR069C	-1.076328989	-2.665245988	-3.077728099	1.154763243
YJR070C	YJR070C	-1.057847513	-17.38269677	-17.90981997	1.030324593
YJR072C	YJR072C	-1.059582243	-3.231956138	-3.16696791	-1.020520646
OPI3	YJR073C	1.238825947	3.153843122	2.538049492	1.242624753
MOG1	YJR074W	-1.11734528	-1.462174136	1.897850091	-1.297964479
HOC1	YJR075W	-1.0753919	-1.488731238	-1.493052255	1.002902484
CDC11	YJR076C	-1.230240601	-1.172190259	-1.043345415	-1.123492031
MIR1	YJR077C	1.104593832	-1.037600692	-1.085735774	1.046390758

BNA2	YJR078W	-1.052193693	2.203294792	2.683011873	-1.217727144
YJR080C	YJR080C	-1.27263589	-1.182287097	1.213086305	-1.026050532
EAF6	YJR082C	-1.170483977	-1.249567554	-1.196593902	-1.044270368
YJR083C	YJR083C	-1.043111927	-1.065969516	-1.010743705	-1.054638788
CSN12	YJR084W	-1.090015656	-1.017298008	1.037492478	-1.019851086
YJR085C	YJR085C	1.058704664	-1.262171394	2.113335037	-1.674364551
STE18	YJR086W	1.089991834	-1.751907145	1.404112159	1.247697439
YJR087W	YJR087W	1.203858454	-2.191845896	-1.262678902	-1.73586958
YJR088C	YJR088C	-1.160404535	-1.167963906	1.090999693	1.07054467
BIR1	YJR089W	-1.091085173	-1.169096911	-1.158326915	-1.00929789
GRR1	YJR090C	1.013371799	-1.371356485	1.174352504	1.167755406
JSN1	YJR091C	1.25735151	2.969249472	2.354856319	1.26090473
BUD4	YJR092W	1.158969756	-1.101649956	-1.272602109	1.155178288
FIP1	YJR093C	-1.040081859	-1.009676593	-1.295230205	1.282816909
IME1	YJR094C	1.133679596	-1.147578699	-1.070538463	1.228527136
RPL43B	YJR094W-A	1.286875825	-6.702773541	-6.335248082	-1.058012797
YJR096W	YJR096W	-1.165384868	6.7361338	7.751466443	-1.150729287
YJR097W	YJR097W	-1.369878099	-6.527878102	-1.897622681	-3.440029552
YJR098C	YJR098C	-1.255752608	-1.290872393	1.246760138	1.035381509
YUH1	YJR099W	-1.22612274	-1.230328855	1.246550739	-1.013184998
YJR100C	YJR100C	-1.037946511	-1.122477837	1.110541803	1.010747938
RSM26	YJR101W	-1.097284476	-1.311941557	-1.522648454	1.160606923
VPS25	YJR102C	-1.011037877	-1.011199765	-1.103770563	1.09154551
URA8	YJR103W	1.027834274	2.359912611	2.342588851	1.007395134
SOD1	YJR104C	-1.262850256	-1.066308291	3.197932223	-3.409981645
ADO1	YJR105W	1.160842622	-1.661045493	-1.654636217	-1.003873526
ECM27	YJR106W	1.193788703	2.084902961	1.80096454	1.157659084
YJR107W	YJR107W	1.164227267	-1.474709304	1.418949305	1.039296682
CPA2	YJR109C	1.265281605	-1.370709684	-1.631980851	1.190610142
YJR110W	YJR110W	-1.189217135	-1.170221689	1.289953102	-1.102315154
YJR111C	YJR111C	1.035927165	-1.739681184	-1.865375542	1.072251376
NNF1	YJR112W	-1.164891607	-2.941596861	-2.415384506	-1.217858628
RSM7	YJR113C	-1.068816581	-1.455430589	1.66275525	-1.14244902
YJR115W	YJR115W	1.093356259	2.167071059	2.372772588	-1.094921451
YJR116W	YJR116W	1.123834343	-1.512730888	-1.208614569	-1.251623907
STE24	YJR117W	1.243521645	2.482803309	2.22795673	1.114385785
ILM1	YJR118C	1.301433864	-1.584784707	-2.155219282	1.359944522
YJR119C	YJR119C	-1.039658484	-1.164019214	-1.199425461	1.030417235
ATP2	YJR121W	1.179127244	-1.511156447	1.394572467	1.083598367
CAF17	YJR122W	1.054245248	-1.171288538	-1.00900555	1.181836648
RPS5	YJR123W	-1.321110835	-14.2849452	-10.03052252	-1.424147663
YJR124C	YJR124C	1.161230344	-3.97914077	-4.864316595	1.222454012
ENT3	YJR125C	-1.240089186	2.087204738	2.751042006	-1.318050863
VPS70	YJR126C	-1.036838689	-1.023013936	1.26630792	-1.237820791
ZMS1	YJR127C	1.154723929	2.748164259	2.243913057	1.224719582
YJR129C	YJR129C	1.021735464	-3.618595011	-2.858083298	-1.266091514
STR2	YJR130C	-1.206152118	-1.128354956	1.320278689	-1.17009163
MNS1	YJR131W	1.111873201	-1.642966793	1.68157445	-1.023498745
NMD5	YJR132W	1.258893365	-2.764535099	-3.649243653	1.320020735

XPT1	YJR133W	1.07808279	-1.390982393	-1.357131369	-1.024943071
SGM1	YJR134C	-1.147406679	-1.121453564	1.07219535	-1.202417297
MCM22	YJR135C	-1.183443859	-1.219946842	-1.080143541	-1.129430299
TIM8	YJR135W-A	1.458547337	-1.953380345	-1.742105371	-1.121275657
YJR136C	YJR136C	-1.0874145	-1.443236529	-1.328639955	-1.086251038
ECM17	YJR137C	-1.027179182	-1.411312536	-1.14658652	-1.230881849
IML1	YJR138W	1.075999117	-1.378417154	1.04278647	1.321859453
HOM6	YJR139C	1.057104904	-1.24093168	-1.026787874	-1.208557008
HIR3	YJR140C	-1.062879512	-1.535408942	-1.447314022	-1.060867869
YJR141W	YJR141W	-1.062754221	-2.052723867	-1.98108045	-1.03616381
YJR142W	YJR142W	-1.255820801	-1.222527963	1.206023339	1.013685161
PMT4	YJR143C	1.196453652	-2.869289341	-3.045589521	1.061443849
MGM101	YJR144W	-1.157982969	-2.170645058	-2.068020665	-1.049624452
RPS4A	YJR145C	-1.132235039	-7.304149503	-5.54055654	-1.318306104
HMS2	YJR147W	1.166111809	-4.089790519	-4.991450807	1.22046613
BAT2	YJR148W	-1.205984205	-1.830327376	1.842294759	-1.006538384
YJR149W	YJR149W	1.043615752	2.092419463	1.771457319	1.181185367
DAN4	YJR151C	1.037736392	-1.698083684	1.891992462	-1.11419271
DAL5	YJR152W	1.059019251	-1.244759711	1.084225819	1.148063152
PGU1	YJR153W	1.944957988	-1.940263108	1.080763254	1.795271167
AAD10	YJR155W	1.033025028	2.273225655	1.853269124	1.226603102
THI11	YJR156C	-1.074754045	-1.063306359	1.646653885	-1.548616606
YJR160C	YJR160C	1.290932596	2.002607503	1.373936098	1.45756961
COS5	YJR161C	1.469972643	-1.978179997	1.134296165	1.743971335
YJR162C	YJR162C	1.515700202	-1.520019153	-1.407153112	-1.080208785
MET14	YKL001C	-1.214662852	-2.207266474	-1.601873942	-1.377927699
DID4	YKL002W	-1.237302603	-1.384543952	-1.226622326	-1.12874511
MRP17	YKL003C	-1.094385751	-1.03922247	1.051998129	-1.093260094
AUR1	YKL004W	1.057711821	-4.431588965	-4.652982605	1.049958072
YKL005C	YKL005C	1.023420943	-1.095393149	-1.131554689	1.239497255
SFT1	YKL006C-A	-1.142247968	-1.878931406	-1.324558736	-1.418533851
RPL14A	YKL006W	1.124869871	-13.36610284	-7.647396741	-1.747797753
CAP1	YKL007W	-1.239071254	-1.394700625	1.223805992	1.139641931
LAC1	YKL008C	1.086691588	-1.128830502	-1.409920173	1.249009634
MRT4	YKL009W	-1.125711455	-14.79417299	-22.21665747	1.501716756
UFD4	YKL010C	1.080341377	-1.630401952	1.499328723	1.087421275
CCE1	YKL011C	-1.220151916	-1.154040234	1.00221323	1.151491718
PRP40	YKL012W	-1.02817038	-1.12023765	1.054065738	1.062777784
ARC19	YKL013C	-1.220515393	-1.117967935	2.093881681	-1.872935363
YKL014C	YKL014C	1.010768719	-22.10812799	-18.33906657	-1.205520898
PUT3	YKL015W	1.027409649	-1.117991344	1.000813115	1.117083026
ATP7	YKL016C	1.053421782	-1.148104975	1.332181165	-1.160330452
HCS1	YKL017C	-1.051668846	-1.06352279	-1.104234547	1.174378607
YKL018C-A	YKL018C-A	1.200015744	-1.443662492	-1.552763718	1.075572529
SWD2	YKL018W	1.285476051	-1.098032549	-1.303417187	1.431194497
RAM2	YKL019W	1.06635025	-1.107625722	1.275155987	-1.151251691
SPT23	YKL020C	1.113962399	-1.766606891	1.473846679	1.198636816
MAK11	YKL021C	-1.143586555	-4.370481308	-4.423920375	1.012227273
CDC16	YKL022C	1.11593848	-1.178476131	-1.157841485	1.364488553

YKL023W	YKL023W	-1.145374671	-1.685888727	1.958671565	-1.161803584
URA6	YKL024C	-1.28920891	-2.752198475	-2.049993425	-1.342540148
PAN3	YKL025C	1.301450742	-1.423070712	-1.019273637	1.450498461
GPX1	YKL026C	1.595328411	4.703483075	3.52374956	1.334794938
YKL027W	YKL027W	-1.412262625	-1.412827311	-1.073234396	-1.316420082
TFA1	YKL028W	-1.166041059	-1.344543347	1.014819494	-1.364468799
MAE1	YKL029C	1.094348588	-4.977588697	-5.128695186	1.030357367
YKL030W	YKL030W	1.347764474	-1.488083173	-1.245548095	-1.194721568
YKL031W	YKL031W	1.068234397	2.552495465	3.892824993	-1.525105547
IXR1	YKL032C	-1.022580613	-1.001125768	1.059847437	-1.06104058
YKL033W	YKL033W	1.039791076	-1.860856295	-2.193923113	1.178985782
YKL033W-A	YKL033W-A	1.448991793	-1.591393602	-1.634167634	1.026878349
TUL1	YKL034W	1.073655513	-1.679285731	1.685156879	-1.003496218
UGP1	YKL035W	1.142429733	11.74894753	15.72633625	-1.338531491
YKL037W	YKL037W	1.470502561	2.606046001	2.065722546	1.261566325
RGT1	YKL038W	1.135151097	-1.83398541	1.782809631	1.028705128
PTM1	YKL039W	1.055235764	-1.513428484	1.403613479	1.078237354
NFU1	YKL040C	-1.321395649	-1.321359306	1.176640074	-1.554764312
VPS24	YKL041W	-1.077921086	-1.00733633	1.397449656	-1.387272171
SPC42	YKL042W	-1.065039944	-1.380100836	-1.348364762	-1.023536713
PHD1	YKL043W	1.271451549	-1.031178932	1.010186658	-1.041683198
YKL044W	YKL044W	1.185354988	-1.313205801	-1.80272896	1.372769569
PRI2	YKL045W	-1.029216117	-2.023325136	-2.094494895	1.035174652
DCW1	YKL046C	1.148772779	-1.244450293	-1.554166392	1.248877838
YKL047W	YKL047W	-1.113804361	-2.155683362	-2.467191565	1.144505547
ELM1	YKL048C	-1.133603074	-1.33038297	-1.215981159	-1.094081894
CSE4	YKL049C	-1.255737259	-1.230647078	1.074492153	-1.322320629
YKL050C	YKL050C	1.096939896	-1.101902711	1.015260845	1.085339514
YKL051W	YKL051W	1.35159886	2.119111102	1.476708164	1.435023625
ASK1	YKL052C	-1.123635917	-1.163005248	1.239471604	-1.441511981
YKL053C-A	YKL053C-A	-1.072806251	-1.239595763	1.452511208	-1.800526739
YKL053W	YKL053W	1.238565793	-1.31966059	1.344508931	-1.018829342
DEF1	YKL054C	1.008071345	-1.278570295	-1.136046709	-1.125455746
OAR1	YKL055C	1.344822151	-1.204864223	-1.624805341	1.348538126
YKL056C	YKL056C	1.106292384	-3.187942537	-2.445142174	-1.303786165
NUP120	YKL057C	1.321516712	-1.561492485	-1.681748335	1.077013403
TOA2	YKL058W	1.103463674	-1.721089597	-1.110825262	-1.549379236
MPE1	YKL059C	1.03781332	-1.203103086	1.043673045	1.152758607
YKL061W	YKL061W	1.081793081	-1.007762977	1.216050521	-1.225490693
MSN4	YKL062W	1.173603945	2.898870251	2.01030657	1.442004068
YKL063C	YKL063C	-1.199934237	-1.185085803	-1.015240949	-1.167295119
MNR2	YKL064W	1.098369028	-1.787860555	2.112450358	-1.181552081
YET1	YKL065C	-1.140871951	2.142199959	2.641925258	-1.233276682
YNK1	YKL067W	-1.071527331	-1.945286416	2.005267447	-1.030834036
NUP100	YKL068W	1.033173555	-1.758153773	-2.193021758	1.247343543
YKL069W	YKL069W	-1.236084194	-1.023520699	1.432854693	-1.399927421
YKL071W	YKL071W	1.184702924	-1.760675445	-1.273149605	-1.382928949
STB6	YKL072W	1.021758651	-1.538942214	-1.439214963	-1.069292812
LHS1	YKL073W	-1.000432357	-1.060971949	1.198728282	-1.12983975

MUD2	YKL074C	1.019409619	-1.793808552	-1.644620779	-1.090712567
YKL075C	YKL075C	-1.115873175	-1.039425125	1.006723665	1.032483055
PSY1	YKL076C	-1.071046478	-1.087081034	1.041767028	-1.132485179
YKL077W	YKL077W	1.0882149	-1.260184035	-1.589000338	1.260927209
DHR2	YKL078W	-1.018119307	-22.095918	-20.79598504	-1.062508843
SMY1	YKL079W	-1.09361328	-1.483179723	1.578555284	-1.06430479
VMA5	YKL080W	1.095359784	-1.75454086	-1.766862093	1.007022483
TEF4	YKL081W	1.023521507	-3.962845664	-2.768746493	-1.431277899
YKL082C	YKL082C	-1.061607647	-10.90897293	-10.28219728	-1.060957365
YKL084W	YKL084W	1.104798799	-1.792791281	-1.522202802	-1.177761123
MDH1	YKL085W	-1.097331731	3.376958095	4.071091607	-1.205549933
YKL086W	YKL086W	1.529930032	-1.86523033	1.458705563	1.278688707
CYT2	YKL087C	-1.066586116	-1.341913128	1.272559788	1.054499081
YKL088W	YKL088W	-1.003883586	-1.146456276	1.318066748	-1.14968776
MIF2	YKL089W	-1.136170369	-1.191419165	1.034195682	-1.232160557
CUE2	YKL090W	-1.223639712	-1.208393955	-1.015509331	-1.1899388
YKL091C	YKL091C	-1.162205083	9.389150244	10.33798869	-1.101056903
BUD2	YKL092C	-1.249592771	-1.080364714	1.087434237	-1.174825579
MBR1	YKL093W	1.299174052	5.209326766	4.329553924	1.203201728
YJU3	YKL094W	-1.148337039	2.365722402	2.308705035	1.024696687
YJU2	YKL095W	1.129712952	-1.523380456	1.129559644	1.34864986
CWP1	YKL096W	1.127291243	5.051532779	4.452340821	1.134579086
CWP2	YKL096W-A	1.286073973	-1.44233914	-1.623803129	1.125812289
YKL098W	YKL098W	-1.061037098	-1.14716583	1.073771736	-1.231794244
UTP11	YKL099C	-1.022840727	-10.53241012	-17.54527477	1.665836648
YKL100C	YKL100C	1.309772247	2.977755931	1.925968242	1.546108532
HSL1	YKL101W	-1.155631626	-2.044068	-2.135673776	1.044815425
LAP4	YKL103C	1.022682595	7.164293875	7.762851663	-1.083547353
GFA1	YKL104C	1.34238343	-1.323146899	1.034431512	1.279105368
YKL105C	YKL105C	1.007194428	-1.687121223	1.595244901	1.057593867
AAT1	YKL106W	1.127738023	-1.854193725	-1.735970908	-1.068101842
SLD2	YKL108W	-1.122007679	-1.374131671	-1.192640455	-1.152175968
HAP4	YKL109W	-1.050011612	2.574473423	2.271040939	1.13360943
KTI12	YKL110C	-1.145194992	-2.937425188	-2.666862365	-1.101453613
ABF1	YKL112W	-1.166193956	-1.054390434	1.06661549	-1.011594431
RAD27	YKL113C	-1.123248953	-3.59727818	-3.148628056	-1.142490671
APN1	YKL114C	-1.259630921	-1.447895767	-1.375807886	-1.052396764
PRR1	YKL116C	1.212947736	-1.05905698	-1.384647768	1.307434628
SBA1	YKL117W	-1.324241109	-1.381269853	1.765172828	-1.277934811
VPH2	YKL119C	-1.228912394	-1.301747456	-1.098719287	-1.184786206
OAC1	YKL120W	-1.052569766	-3.666760476	-4.515482458	1.231463709
YKL121W	YKL121W	-1.000101392	2.313650135	1.797206191	1.287359317
SRP21	YKL122C	-1.076121407	-2.271395896	-2.318007075	1.02052094
YKL123W	YKL123W	-1.159672194	-1.635299642	1.642788122	-1.004579271
SSH4	YKL124W	-1.314047774	-1.577330725	1.617080394	-1.025200593
RRN3	YKL125W	-1.049937621	-2.346286047	-2.741435632	1.168414923
YPK1	YKL126W	-1.006607532	-1.400747413	1.594375845	-1.138232225
PGM1	YKL127W	1.052068328	-1.554019523	-1.568514696	1.009327536
PMU1	YKL128C	-1.13912325	-1.283117405	-1.171233874	-1.095526208

MYO3	YKL129C	-1.007126032	2.34340756	2.719383222	-1.160439724
SHE2	YKL130C	-1.050758592	-1.275938075	-1.29669815	1.016270441
RMA1	YKL132C	-1.067650372	-1.855495267	-1.538796863	-1.205809104
YKL133C	YKL133C	-1.191856019	2.626919505	2.20147997	1.193251604
39356	YKL134C	-1.115098947	-1.182372701	1.211107765	-1.024302882
APL2	YKL135C	1.062959926	-1.177503203	1.075928027	-1.266908698
YKL136W	YKL136W	-1.199538539	-1.498621966	1.130288042	-1.693874488
YKL137W	YKL137W	-1.077127032	-1.257425879	1.118431422	1.124276245
MRPL31	YKL138C	-1.182454015	-1.095886558	1.156631793	-1.267537236
CTK1	YKL139W	-1.021005379	-1.156482592	-1.274162366	1.101756632
TGL1	YKL140W	1.067345432	-1.654315202	1.569362047	1.054132286
SDH3	YKL141W	1.142409798	2.202230853	2.053852027	1.072244166
MRP8	YKL142W	-1.119158702	3.190144899	3.411117975	-1.06926741
LTV1	YKL143W	-1.080886231	-37.51172106	-25.84744114	-1.451274067
RPC25	YKL144C	-1.110723968	-6.32270561	-4.438862547	-1.424397702
RPT1	YKL145W	-1.174214769	-1.03096414	1.316196548	-1.276665693
YKL146W	YKL146W	1.123569258	-1.383529009	1.453135999	-1.05031119
SDH1	YKL148C	1.29272898	3.391900998	3.472600095	-1.023791702
DBR1	YKL149C	-1.174752088	-1.241201118	-1.235744214	-1.004415885
MCR1	YKL150W	1.082362724	4.73798071	4.256171519	1.113202486
YKL151C	YKL151C	-1.316960128	8.437851521	14.08950117	-1.669797239
YKL153W	YKL153W	1.092798734	-1.4263334	1.311390921	-1.870480671
SRP102	YKL154W	-1.089087186	-1.928180191	-2.241016091	1.162244121
RSM22	YKL155C	-1.096355554	-1.012591307	-1.192761359	1.207779784
RPS27A	YKL156W	1.033297126	-7.865772186	-8.818475195	1.121120086
APE2	YKL157W	1.161482968	-1.811934772	1.331344291	1.360981367
RCN1	YKL159C	-1.022769681	-1.277432203	1.31902642	-1.032560802
YKL160W	YKL160W	-1.167230562	-1.826947756	-1.220721067	-1.496613604
YKL161C	YKL161C	-1.064912502	-1.636226112	1.380301374	1.185412217
YKL162C	YKL162C	-1.138010202	2.100974448	2.197246711	-1.045822672
YKL162C-A	YKL162C-A	1.0824426	2.052091616	1.907741005	1.075665727
PIR3	YKL163W	-1.041550367	7.666287261	8.323465535	-1.085723148
PIR1	YKL164C	1.161347424	-1.780250176	1.583455704	1.12428164
MCD4	YKL165C	1.194359902	-1.409902134	-1.477095583	1.047658237
TPK3	YKL166C	-1.092074935	-2.862571846	-3.33074134	1.163548557
MRP49	YKL167C	-1.098384559	-1.117251557	1.098612779	1.016965739
KKQ8	YKL168C	1.103497153	2.513969152	2.359423177	1.065501592
YKL169C	YKL169C	1.190957125	-1.099005374	-1.228454136	1.350077697
MRPL38	YKL170W	-1.275613739	-1.216358345	1.087217436	-1.322446001
YKL171W	YKL171W	1.008667551	2.383789634	2.615834248	-1.09734274
EBP2	YKL172W	-1.107801547	-12.6094013	-19.63925116	1.557508616
SNU114	YKL173W	1.051065805	-1.317185212	-1.503649171	1.141562445
YKL174C	YKL174C	1.193530302	-1.347512635	-1.736915083	1.288978699
ZRT3	YKL175W	1.278522834	-1.307962643	-1.664810436	1.272827206
LST4	YKL176C	1.229646063	-1.964019875	-2.357140336	1.200161143
STE3	YKL178C	2.494113009	3.340082883	1.350289691	2.473604668
COY1	YKL179C	-1.178935425	-1.013957541	1.119558075	-1.104146899
RPL17A	YKL180W	-1.040189738	-8.873983182	-6.25871266	-1.417860776
PRS1	YKL181W	-1.003074056	-7.042529379	-6.398895342	-1.100585179

FAS1	YKL182W	1.22440698	-3.684621675	-4.172483765	1.132404934
LOT5	YKL183W	-1.070297326	-2.153196887	-2.136187138	-1.007962668
SPE1	YKL184W	1.280280617	-1.165693397	-1.575259922	1.351350129
ASH1	YKL185W	1.053998313	-1.212475163	1.051556878	1.153028607
MTR2	YKL186C	-1.000054025	-1.752865042	-1.772269589	1.011070189
YKL187C	YKL187C	1.097771341	3.159297069	4.174141308	-1.321224696
PXA2	YKL188C	1.125301674	2.664865458	2.168514093	1.22889008
HYM1	YKL189W	-1.192113614	-1.250856512	1.113512932	1.1233426
CNB1	YKL190W	-1.162742499	-1.004943135	-1.24338596	1.249532186
DPH2	YKL191W	1.156536019	-6.086015449	-5.718664652	-1.064237164
ACP1	YKL192C	1.324557836	-1.160264251	1.569682834	-1.352866671
SDS22	YKL193C	-1.019362183	2.421800326	2.156997777	1.122764405
MST1	YKL194C	-1.03767509	-1.422964055	1.336638437	1.06458412
YKL195W	YKL195W	-1.296966703	-1.782396204	2.180307943	-1.223245392
YKT6	YKL196C	-1.3796443	-1.572650685	1.058298325	-1.664333586
PEX1	YKL197C	1.18298443	-1.439849111	1.336810004	1.077078348
PTK1	YKL198C	1.285052149	-1.081333526	-1.465381351	1.355161304
YKT9	YKL199C	1.332734265	-1.009963533	-1.21041401	1.22247401
MNN4	YKL201C	1.384936407	-1.993595786	1.171560022	1.701659111
TOR2	YKL203C	1.095761958	-1.009204508	-1.191747189	1.202716636
EAP1	YKL204W	-1.01216838	-1.215608191	1.26255751	-1.038622082
LOS1	YKL205W	1.054042679	-2.906303787	-3.364482151	1.157649853
YKL206C	YKL206C	-1.037075931	-1.381490149	1.272029997	1.086051549
YKL207W	YKL207W	1.071608644	-1.394315106	-1.182318783	-1.179305553
CBT1	YKL208W	-1.399950978	-1.182723787	1.5875325	-1.342268175
STE6	YKL209C	-1.037496251	-1.598988201	-1.644490522	1.028456947
UBA1	YKL210W	1.160067245	-1.339851813	1.054902899	1.270118619
TRP3	YKL211C	1.089633901	-1.520096295	-1.451253108	-1.047437064
SAC1	YKL212W	1.075240268	-1.630869177	-2.144030195	1.314654926
DOA1	YKL213C	-1.041851576	-1.842087788	1.697103496	1.085430436
YRA2	YKL214C	-1.215258327	-1.716560904	-1.533495908	-1.119377558
YKL215C	YKL215C	1.013513736	-1.65240596	1.490985115	1.108264559
URA1	YKL216W	1.038737538	-16.91137315	-13.90106783	-1.216552092
JEN1	YKL217W	1.867467563	3.868113812	5.167906737	-1.33602758
SRY1	YKL218C	-1.387415766	2.02102946	2.376076158	-1.175676161
COS9	YKL219W	1.215951315	-1.433515607	1.049805135	1.365506378
FRE2	YKL220C	1.141940581	-1.739709078	1.181095281	1.472962517
MCH2	YKL221W	-1.125112109	4.714688546	3.859699998	1.22151684
YKL222C	YKL222C	-1.004654925	-1.039128291	1.039324179	-1.000188513
YKL224C	YKL224C	1.026822122	-1.043676917	1.290276691	-1.2362798
YKL225W	YKL225W	1.421456108	-1.209994382	-1.383429759	1.143335689
VPS1	YKR001C	-1.086425129	-1.086179923	1.05694649	1.027658384
PAP1	YKR002W	-1.09618233	-1.14056036	1.36406528	-1.195960624
OSH6	YKR003W	-1.29982672	-1.272030097	1.263719901	1.00657598
ECM9	YKR004C	1.149531803	-1.194359249	-1.084709123	1.295532374
YKR005C	YKR005C	1.132186128	-1.107472727	-1.485074679	1.340958239
MRPL13	YKR006C	-1.32679615	-1.065751815	1.234712206	-1.315896775
YKR007W	YKR007W	-1.16879557	-1.060967292	1.070375851	-1.135633768
RSC4	YKR008W	-1.253335154	-1.090871091	-1.062690052	-1.026518588

FOX2	YKR009C	-1.060340038	-1.423546624	1.647890563	-1.157595077
TOF2	YKR010C	-1.100875079	-1.384043148	-1.404298186	1.014634687
YKR011C	YKR011C	-1.098025921	4.225005128	4.226846527	-1.000435834
YKR012C	YKR012C	1.212967815	-1.595599444	1.18945487	1.341454379
PRY2	YKR013W	1.319676831	-3.99132911	-5.207628454	1.304735418
YPT52	YKR014C	-1.136207558	-1.438683173	1.49362918	-1.038191874
YKR016W	YKR016W	-1.210919945	2.07475271	2.143696976	-1.033230112
YKR017C	YKR017C	1.167234069	-1.595515768	1.114769493	1.431251731
YKR018C	YKR018C	1.314327365	-1.63372808	1.017713945	1.605292023
IRS4	YKR019C	-1.061787951	-1.141878512	-1.166088835	1.021202188
VPS67	YKR020W	-1.251386599	-1.007868991	1.307431302	-1.297223462
YKR021W	YKR021W	1.016210278	-1.302647459	1.292110877	1.008154549
YKR022C	YKR022C	1.090799053	-1.028241371	-1.405952979	1.445659018
YKR023W	YKR023W	-1.223691744	-1.147568993	1.195790001	-1.042020137
DBP7	YKR024C	1.049607036	-7.096103939	-11.06602525	1.55945084
RPC37	YKR025W	-1.168184982	-4.306185007	-3.033661085	-1.419468057
GCN3	YKR026C	-1.082308394	-3.352247533	-2.79804743	-1.19806673
YKR027W	YKR027W	1.135115021	-1.088258878	-1.451651549	1.333921163
SAP190	YKR028W	1.122781729	-1.162936904	-1.286071125	1.105882117
SET3	YKR029C	1.018240514	-1.254358429	1.045731594	1.199503233
MSG1	YKR030W	1.161171424	-1.027434123	-1.179259172	1.147771079
SPO14	YKR031C	1.121414949	-1.40985302	1.213482098	1.161824326
DID2	YKR035W-A	-1.051127901	-1.22822848	1.099460786	1.117118951
CAF4	YKR036C	-1.066610006	-1.506941495	-1.537893798	1.020539817
SPC34	YKR037C	-1.111809505	-1.068413184	1.08467729	-1.015222675
KAE1	YKR038C	-1.077903059	-1.312597605	-1.243659323	-1.055431806
GAP1	YKR039W	1.265623714	-1.441364573	1.096373401	1.314665763
YKR040C	YKR040C	1.076492524	-1.714455053	-1.038942624	-1.650192237
YKR041W	YKR041W	1.042870193	-1.256798159	-1.255276804	-1.001211968
UTH1	YKR042W	-1.056830242	-1.120523948	1.014734074	-1.137033831
YKR043C	YKR043C	-1.019560692	-4.406574023	-3.736774318	-1.179245426
UIP5	YKR044W	1.037484511	-4.529783225	-5.65206364	1.247755877
YKR045C	YKR045C	-1.187574797	-1.387615016	-1.061193168	-1.307598897
YKR046C	YKR046C	1.149880187	3.578397223	3.857801413	-1.07808082
YKR047W	YKR047W	1.204119745	-1.507739429	-1.477568111	-1.020419579
NAP1	YKR048C	-1.01416634	-1.081649542	1.102827641	-1.019579446
YKR049C	YKR049C	1.05929041	3.322500656	4.075615406	-1.226671062
TRK2	YKR050W	1.231295416	-1.133972344	1.002193551	1.131490361
YKR051W	YKR051W	1.262119919	-1.296005429	-1.002594321	1.299367683
MRS4	YKR052C	1.112414381	-1.817246811	2.012139527	-1.107246146
YSR3	YKR053C	1.037275909	-2.539243446	-2.041958323	-1.243533434
DYN1	YKR054C	1.162726388	-1.182208309	-1.034685123	1.223213348
RHO4	YKR055W	1.192133323	-1.190610306	1.104627886	1.077838357
TRM2	YKR056W	-1.162611985	-8.677146506	-8.521564083	-1.018257496
RPS21A	YKR057W	1.05848001	-10.36492889	-5.93145356	-1.747451747
GLG1	YKR058W	-1.062643337	5.802483962	5.742578814	1.01043175
TIF1	YKR059W	1.139338437	-2.905013159	-2.838686566	-1.02336524
YKR060W	YKR060W	-1.118179177	-5.15150228	-8.242499858	1.600018677
KTR2	YKR061W	1.020228338	-1.104682738	-1.184276856	1.072051562

TFA2	YKR062W	-1.233052769	-1.06048775	1.233693991	-1.163326961
LAS1	YKR063C	-1.149161724	-2.673600516	-2.789910285	1.043503047
YKR064W	YKR064W	-1.025264336	-1.03212253	-1.252637105	1.292874977
YKR065C	YKR065C	1.147912097	-1.22372504	1.025098397	1.193763491
CCP1	YKR066C	1.17488971	3.311747781	3.70139003	-1.117654566
GPT2	YKR067W	1.188008861	4.318766439	3.240029876	1.332940313
BET3	YKR068C	-1.02500022	-1.662758189	-1.078951707	-1.54108676
MET1	YKR069W	1.005073807	-1.163443215	-1.194239101	1.026469609
YKR070W	YKR070W	-1.131212477	-1.02899983	1.254907719	-1.21954123
DRE2	YKR071C	-1.139915467	-1.586275396	-1.460360491	-1.086221797
SIS2	YKR072C	1.002171188	-1.209901235	-1.235286557	1.020981318
YKR074W	YKR074W	-1.020253042	-1.231260008	1.185305769	-1.459419591
YKR075C	YKR075C	1.053585449	-1.529687716	-1.880281079	1.229192768
ECM4	YKR076W	-1.14823584	3.255251816	3.001855334	1.084413289
YKR077W	YKR077W	1.09792241	-1.076044027	-1.061142155	-1.014043239
YKR078W	YKR078W	-1.077448225	-1.013079598	1.063596067	-1.077507475
YKR079C	YKR079C	-1.022349492	-6.022179315	-7.851048422	1.303688916
MTD1	YKR080W	-1.143999846	-1.403880727	-1.284131336	-1.093253227
RPF2	YKR081C	-1.097493521	-30.17755456	-43.77391616	1.450545507
NUP133	YKR082W	1.053454573	-1.886681901	-2.279692323	1.208307729
DAD2	YKR083C	1.220683126	-1.318797646	-1.660047359	1.258758207
HBS1	YKR084C	-1.061259564	-1.081675362	-1.030163463	1.114302437
MRPL20	YKR085C	-1.22914229	-2.041871802	-1.394650173	-1.464074534
PRP16	YKR086W	-1.082300178	-2.09163445	-2.176561777	1.040603332
YKR087C	YKR087C	1.087913436	-1.133864643	1.197744553	-1.056338214
YKR088C	YKR088C	1.108555745	-1.041397142	1.092917775	-1.138161448
YKR089C	YKR089C	1.011001262	-1.984218801	1.964550866	1.010011415
PXL1	YKR090W	1.014996281	-1.015428202	-1.008178385	-1.007191006
SRL3	YKR091W	1.046109052	5.494452056	6.539332773	-1.19017014
SRP40	YKR092C	1.11813062	-9.596349821	-12.57461539	1.310354001
PTR2	YKR093W	1.19915642	-1.125183325	-1.316781681	1.170281902
RPL40B	YKR094C	-1.03800571	-4.242154423	-3.198456233	-1.326313107
MLP1	YKR095W	1.02832732	-1.263657412	-1.244717071	-1.015216584
YKR096W	YKR096W	-1.031513609	-1.646968653	1.558639954	1.056670367
PCK1	YKR097W	1.475493042	-1.996218325	2.707429045	-1.356279026
UBP11	YKR098C	-1.112420401	-1.618272974	1.751372457	-1.082247856
BAS1	YKR099W	-1.058292095	-5.857135783	-6.093005911	1.040270558
YKR100C	YKR100C	1.100600467	-1.499210457	1.22792171	1.22093326
SIR1	YKR101W	-1.149258148	-1.643323115	1.770157517	-1.077181658
FLO10	YKR102W	1.172620302	-1.035328022	-1.349606744	1.397285681
YKR104W	YKR104W	1.150713677	-1.009727251	-1.247714559	1.235694648
YKR106W	YKR106W	1.435413125	-1.620971878	1.282228487	1.26418333
DNM1	YLL001W	-1.128325752	-1.420923549	1.624827961	-1.143501325
RTT109	YLL002W	-1.129914459	-1.776372324	-1.799716852	1.013141686
SFI1	YLL003W	-1.104601055	-1.056121759	-1.002506893	-1.053480795
ORC3	YLL004W	-1.165377307	-1.661633292	-1.895085263	1.140495482
MMM1	YLL006W	1.255014198	2.880492333	2.082839865	1.382963895
YLL007C	YLL007C	-1.055116634	-1.225755872	-1.412319074	1.152202576
DRS1	YLL008W	1.016110706	-43.18351049	-33.96677239	-1.271345714

COX17	YLL009C	-1.313816262	-1.259356046	1.591794854	-1.263975235
PSR1	YLL010C	1.159696048	-1.151790187	1.122382432	1.02620119
SOF1	YLL011W	-1.124560988	-9.505370109	-14.90546279	1.568109671
YLL012W	YLL012W	1.077293362	-3.184424334	-3.9183431	1.23047141
PUF3	YLL013C	1.15837363	-1.040997325	-1.194153153	1.243110238
YLL014W	YLL014W	1.397544202	-1.750585563	-1.688213205	-1.036945783
BPT1	YLL015W	1.118994665	-1.159818323	1.119246675	1.036249068
SDC25	YLL016W	1.15332945	-1.357951032	1.077183617	1.260649541
DPS1	YLL018C	1.077390021	-1.229069186	-1.323023015	1.076443076
COX19	YLL018C-A	1.139697389	-1.72315747	1.917779176	-1.112944817
KNS1	YLL019C	1.167950342	2.967798981	2.83426649	1.047113598
YLL020C	YLL020C	1.080213281	3.381919788	4.24964988	-1.256579146
SPA2	YLL021W	1.014835335	-2.220024261	-1.947952843	-1.139670433
HIF1	YLL022C	-1.117628761	-3.131404025	-2.451138814	-1.277530267
YLL023C	YLL023C	1.160767429	2.88300037	2.629889628	1.096243865
SSA2	YLL024C	1.193353647	2.287781508	3.351804358	-1.465089366
YLL025W	YLL025W	1.297134373	-1.116413102	1.122190097	-1.005174603
HSP104	YLL026W	1.073496666	39.62927915	54.11495824	-1.365529714
ISA1	YLL027W	-1.174317727	-1.215132715	-1.327718569	1.092653133
TPO1	YLL028W	1.34067366	2.133981242	1.762087302	1.211053073
YLL029W	YLL029W	-1.161851743	2.25431747	3.056340742	-1.355772105
GPI13	YLL031C	1.225881296	-1.190876061	-1.407249935	1.181693025
YLL032C	YLL032C	-1.124333127	-1.056034903	1.096937619	-1.158404411
YLL033W	YLL033W	1.110712956	-1.231716308	-1.774094262	1.440343243
YLL034C	YLL034C	1.055233202	-19.2208673	-18.41931871	-1.043516734
GRC3	YLL035W	1.179731855	-2.887404115	-3.002542801	1.039876194
PRP19	YLL036C	-1.057199238	-1.32055282	-1.176387637	-1.122549045
ENT4	YLL038C	1.160581009	-1.451349314	-1.363133151	-1.064715734
UBI4	YLL039C	-1.223135638	19.57528661	53.08515751	-2.711845736
VPS13	YLL040C	-1.04386709	-1.998713484	2.118464923	-1.059914259
SDH2	YLL041C	1.278865024	3.341544841	2.515394982	1.328437428
APG10	YLL042C	1.250134182	-1.270863033	-1.57164018	1.236671569
FPS1	YLL043W	1.043755762	-1.173206719	-1.188560179	1.013086748
YLL044W	YLL044W	1.161312832	-5.778719148	-4.905565208	-1.177992525
RPL8B	YLL045C	-1.151811371	-8.223241226	-5.703320999	-1.441833841
YBT1	YLL048C	1.192412267	-1.495704679	-1.936146438	1.294471071
YLL049W	YLL049W	1.25943955	-1.182847302	-1.083910264	-1.091277887
COF1	YLL050C	1.585752425	-1.062887621	-1.558859596	1.466626919
FRE6	YLL051C	1.167417093	-1.400115518	-1.296582786	-1.07985046
AQY2	YLL052C	1.355254709	-1.197619874	-1.101128473	1.318733343
YLL053C	YLL053C	1.172211382	-1.069990706	1.017933594	1.051139988
YLL054C	YLL054C	1.051233088	-2.444649246	-2.256843215	-1.08321625
YLL055W	YLL055W	1.346440952	2.065038028	1.657382452	1.245963492
YLL056C	YLL056C	-1.159644597	-1.090345727	1.401207795	-1.285104128
YLL057C	YLL057C	1.154874578	-1.672476023	1.746682095	-1.04436899
YLL058W	YLL058W	1.006202363	-1.599150378	1.86501285	-1.166252327
GTT2	YLL060C	1.001345063	-1.297472572	1.319494008	-1.712007284
MMP1	YLL061W	1.083876126	-3.944077407	-3.692086596	-1.068251598
MHT1	YLL062C	-1.214762232	-4.15217545	-3.349398411	-1.239677978

AYT1	YLL063C	1.16557483	-1.051107463	-1.123152287	1.068541826
YLL064C	YLL064C	1.087468817	-1.237937602	1.012488314	-1.253397355
YLL065W	YLL065W	1.559597853	-1.259629668	-1.206289474	-1.044218403
YLL066C	YLL066C	-1.082549038	-1.057369066	1.280542974	-1.354006529
YLL067C	YLL067C	-1.172082512	-1.107867557	1.319986269	-1.462369964
YLR001C	YLR001C	1.083060028	2.028192768	2.328595331	-1.148113417
NOC3	YLR002C	-1.04190466	-15.48830284	-15.452767	-1.002299643
YLR003C	YLR003C	-1.249283097	-8.72813544	-8.51181949	-1.025413596
YLR004C	YLR004C	-1.011463951	-1.079965644	1.035470369	-1.118272425
SSL1	YLR005W	-1.168306784	-1.076241029	1.145574501	-1.064421882
SSK1	YLR006C	1.081350045	-1.954610437	2.238646952	-1.145316177
NSE1	YLR007W	-1.331870395	-2.000651646	-1.435369751	-1.393823191
YLR008C	YLR008C	1.009257981	-2.407329978	-2.765239474	1.14867488
RLP24	YLR009W	-1.053012029	-8.501089739	-11.60572304	1.365204156
TEN1	YLR010C	-1.14984717	-1.016515912	1.130534648	-1.149206458
LOT6	YLR011W	-1.469188855	-1.263425676	1.191301212	-1.505120539
PPR1	YLR014C	-1.110557446	-1.926251908	-2.213131858	1.148931689
BRE2	YLR015W	-1.208092088	-1.885785834	-1.784607734	-1.056694868
YLR016C	YLR016C	-1.13617997	-1.05475498	-1.022654116	-1.031389756
MEU1	YLR017W	1.191274183	-4.165202711	-4.261206116	1.023048932
POM34	YLR018C	-1.389799264	-1.545092332	-1.24678822	-1.239258045
PSR2	YLR019W	1.44926819	-1.357961564	-1.160442505	1.575836318
YLR020C	YLR020C	-1.076608582	-1.500237924	-1.91481603	1.276341572
YLR021W	YLR021W	-1.452475835	-1.656419117	1.009306821	-1.671835113
YLR022C	YLR022C	-1.040178497	-1.592253754	-1.610726716	1.011601769
YLR023C	YLR023C	1.230033695	-1.191186344	-1.024501772	1.22037252
UBR2	YLR024C	1.126696134	-1.459696724	1.197129318	1.219330863
SNF7	YLR025W	-1.18286756	-1.548350376	2.080389508	-1.343616755
SED5	YLR026C	-1.023770443	-1.165754142	-1.220262174	1.046757742
AAT2	YLR027C	1.037967494	-1.222507559	-1.082311532	-1.129533894
ADE16	YLR028C	-1.030098526	-1.73236229	1.758665783	-1.015183598
RPL15A	YLR029C	-1.391275016	-6.676729381	-3.49114288	-1.91247669
YLR030W	YLR030W	1.315509328	-1.671469342	1.551782278	1.077128773
YLR031W	YLR031W	-1.034554813	2.924287459	3.687477287	-1.260983176
RAD5	YLR032W	1.167046467	-1.197413571	-1.615558963	1.34920716
RSC58	YLR033W	-1.035344478	-1.137504713	-1.459695551	1.283243519
SMF3	YLR034C	1.149272849	-1.195938038	1.22713004	-1.02608162
MLH2	YLR035C	1.002540073	-1.437786581	1.51057221	-1.050623389
YLR036C	YLR036C	-1.018459002	-1.466250548	-1.269459036	-1.155019977
DAN2	YLR037C	1.094212489	-1.610074937	1.881577017	-1.168626983
COX12	YLR038C	1.175369414	-1.047310667	-1.158680135	1.213498065
RIC1	YLR039C	-1.022211594	-1.003455097	-1.107079887	1.110904955
YLR040C	YLR040C	1.47915477	-1.086898736	-1.441459901	1.326213614
YLR042C	YLR042C	1.152583709	-2.116985208	-2.040973699	-1.037242768
TRX1	YLR043C	1.346074334	-1.769760939	-1.724540961	-1.026221457
STU2	YLR045C	1.004205834	-1.127559654	-1.032340499	-1.09223619
YLR046C	YLR046C	1.226698795	-1.343800146	1.253678423	1.071885837
YLR047C	YLR047C	1.315964391	-1.984195099	1.816181144	1.09250947
RPSOB	YLR048W	-1.219392299	-14.90671598	-10.10908846	-1.47458557

YLR049C	YLR049C	-1.185041456	-1.167894064	1.064796568	1.096823655
YLR050C	YLR050C	1.010162884	-1.196291731	1.054154654	-1.261076497
YLR051C	YLR051C	-1.141812768	-4.116364445	-3.570308451	-1.152943647
IES3	YLR052W	-1.115380337	-1.596144092	-1.5777119	-1.011682863
YLR054C	YLR054C	1.144179554	-1.988314766	2.188630791	-1.100746637
SPT8	YLR055C	1.025132051	-1.249625679	-1.13986129	-1.096296268
ERG3	YLR056W	1.120059335	-6.544126948	-6.746700294	1.030954984
YLR057W	YLR057W	1.013077958	-1.917173449	-2.434095474	1.269627157
SHM2	YLR058C	1.040667389	-1.286072148	-1.562658554	1.2150629
REX2	YLR059C	1.192701132	-1.69883622	-1.979207036	1.16503699
FRS1	YLR060W	-1.064812428	-2.321764627	-2.029267043	-1.144139523
RPL22A	YLR061W	1.071489882	-8.544758158	-8.976359077	1.050510606
BUD28	YLR062C	1.137309446	-6.443912034	-3.943085598	-1.634230826
YLR063W	YLR063W	1.148995554	-3.496469727	-5.435590588	1.554593923
YLR064W	YLR064W	1.019317542	2.987850729	4.007745949	-1.341347447
YLR065C	YLR065C	1.08680899	-2.624602403	-2.845041202	1.083989407
SPC3	YLR066W	-1.172331845	-1.798762901	-1.685257276	-1.067352105
PET309	YLR067C	1.102764885	-1.253519331	-1.642575073	1.310370756
FVY7	YLR068W	-1.014968414	-11.60551764	-15.14123645	1.304658432
MEF1	YLR069C	-1.077128067	-1.55122434	1.200749074	1.29188052
XYL2	YLR070C	-1.039511595	4.072483346	3.767726429	1.080886158
RGR1	YLR071C	-1.060618978	-1.323460367	-1.472993177	1.112986239
YLR072W	YLR072W	-1.324207503	-1.039748035	1.498473585	-1.441189147
YLR073C	YLR073C	1.142272766	-3.473010905	-4.356474956	1.254379866
BUD20	YLR074C	-1.12527908	-5.173298091	-4.429789779	-1.167842798
RPL10	YLR075W	-1.155319399	-4.891993744	-3.647821158	-1.341072803
YLR076C	YLR076C	1.044722716	-3.479496735	-2.194864583	-1.585289936
YLR077W	YLR077W	-1.067644374	-1.311731932	-1.072419656	1.406727107
BOS1	YLR078C	-1.149330732	-1.108108849	1.001536059	-1.109810971
SIC1	YLR079W	-1.240463748	-1.381201273	2.051893663	-1.485586282
EMP46	YLR080W	-1.089706941	5.258493551	5.332538732	-1.014081064
GAL2	YLR081W	1.302174857	2.043366886	2.795961352	-1.368310983
SRL2	YLR082C	1.046892819	-1.374161041	1.364845499	1.006825345
EMP70	YLR083C	1.142152765	-4.275577702	-5.700197484	1.333199366
RAX2	YLR084C	1.256487974	-1.693521456	-2.111841972	1.247012233
ARP6	YLR085C	-1.072039636	-1.095264702	-1.07103778	1.173069875
SMC4	YLR086W	1.057709048	-1.198981679	1.168310439	1.026252647
CSF1	YLR087C	1.069085298	-1.039227672	1.047339849	-1.088424554
GAA1	YLR088W	1.196543897	-1.15989915	-1.42148193	1.225522003
YLR089C	YLR089C	1.185622169	-1.750101657	1.748713216	1.000793979
XDJ1	YLR090W	-1.132717148	-1.257506294	1.343550976	-1.068424853
YLR091W	YLR091W	1.216936388	-1.009052674	-1.273851164	1.262422862
SUL2	YLR092W	1.124904205	-1.311374693	1.271674402	1.031218912
NVV1	YLR093C	-1.260499613	-1.40612284	1.473595174	-1.047984665
GIS3	YLR094C	-1.101449791	-1.004123767	-1.10394704	1.10849946
IOC2	YLR095C	-1.047494956	-1.096423733	1.209131712	-1.102796004
KIN2	YLR096W	1.107551195	-1.187047932	-1.244423544	1.048334705
YLR097C	YLR097C	-1.129054458	-1.338649423	1.270092835	1.053977619
CHA4	YLR098C	-1.02700824	-1.456854739	1.438572122	1.012708863

ICT1	YLR099C	-1.004109422	-1.049013643	1.170386706	-1.227751622
YLR099W-A	YLR099W-A	-1.049685892	-1.377308343	-1.154044342	-1.193462238
ERG27	YLR100W	-1.140951503	-1.971361575	-1.622505273	-1.215010889
YLR101C	YLR101C	-1.016777606	-1.155063279	-1.229895098	1.064785905
APC9	YLR102C	-1.105372139	2.473363032	3.25433948	-1.315754879
CDC45	YLR103C	-1.078278719	-2.732843304	-2.661635332	-1.026753467
YLR104W	YLR104W	-1.086891296	-1.337371269	1.527042673	-2.042222999
SEN2	YLR105C	-1.163961387	-2.019890581	-2.008027997	-1.005907579
MDN1	YLR106C	1.151308702	-3.526211463	-3.14662147	-1.120634146
REX3	YLR107W	-1.182148653	-1.410498333	-1.663157251	1.179127413
YLR108C	YLR108C	1.100730277	-1.271644728	-1.372786785	1.07953641
CCW12	YLR110C	1.088856947	-2.13712851	-1.145560185	-1.86557506
YLR111W	YLR111W	1.678957609	2.274027156	1.819933372	1.249511214
YLR112W	YLR112W	1.130360752	-1.867302618	2.366841766	-1.267519117
HOG1	YLR113W	-1.069244741	-1.031268326	1.233353681	-1.271918586
YLR114C	YLR114C	-1.043388603	-1.385884412	-1.578676537	1.139111258
CFT2	YLR115W	-1.1467944	-1.27130584	1.43035325	-1.125105546
MSL5	YLR116W	1.179624338	-1.31206028	1.208801067	1.085422834
CLF1	YLR117C	1.040181742	-1.177679431	1.032974472	1.140085707
YLR118C	YLR118C	1.032007356	-1.634005664	1.730223043	-1.05888436
SRN2	YLR119W	-1.097268846	-1.37743232	1.468324894	-1.065986961
YPS1	YLR120C	1.062161347	2.057757753	2.515872156	-1.222627956
YPS3	YLR121C	1.089326244	-2.056743609	-1.860937735	-1.105218928
YLR122C	YLR122C	1.303645309	-1.366830233	-1.564522199	1.144635348
YLR123C	YLR123C	1.183497233	-1.266450171	-1.591599544	1.256740755
YLR125W	YLR125W	1.414835135	-1.267684557	-1.068825191	1.354933189
YLR126C	YLR126C	-1.044969546	-1.84318349	-1.553222056	-1.186683825
APC2	YLR127C	1.025227149	-1.165907949	-1.052314501	1.226901841
YLR128W	YLR128W	-1.060795356	-1.531695916	1.475577714	1.038031342
DIP2	YLR129W	1.05118334	-19.03449224	-28.87039647	1.516741089
ZRT2	YLR130C	1.205355387	-1.909768677	-2.271116058	1.189210026
ACE2	YLR131C	1.102713368	-1.227472179	1.107079356	1.108748142
YLR132C	YLR132C	-1.098173481	2.488840721	3.094744851	-1.243448334
CKI1	YLR133W	1.066410474	3.123639515	3.140290053	-1.005330493
PDC5	YLR134W	1.364636901	-1.310611611	-1.377733775	1.051214382
SLX4	YLR135W	1.161862564	-1.245700421	1.003566023	1.241274011
TIS11	YLR136C	-1.098636407	-1.252397342	-1.006038682	-1.244879907
YLR137W	YLR137W	-1.123054155	-1.502982771	2.369502912	-1.576533649
NHA1	YLR138W	1.163283414	-1.172531886	-1.068162408	-1.097709372
SLS1	YLR139C	1.277739855	-1.121123273	-1.478129833	1.657165756
YLR140W	YLR140W	1.020491319	-1.171703406	1.10319252	1.062102385
RRN5	YLR141W	1.119034165	-1.007374586	1.094925711	-1.086910199
PUT1	YLR142W	1.10146764	3.491406352	3.191792611	1.093870053
YLR143W	YLR143W	-1.061141681	-1.448396689	-1.455572008	1.004953974
ACF2	YLR144C	1.263268855	2.133873377	1.719319176	1.241115325
YLR145W	YLR145W	-1.082408559	-1.03469624	1.084613683	-1.048243573
SPE4	YLR146C	1.267783839	-5.065628969	-5.267809006	1.039912129
SMD3	YLR147C	-1.131158032	-2.246465666	-1.329185584	-1.690106854
PEP3	YLR148W	-1.061406885	-1.389087165	1.350683293	1.028432922

YLR149C	YLR149C	1.194098805	16.76101422	16.23792098	1.032214299
YLR149C-A	YLR149C-A	1.533895126	-1.818261768	-3.019654747	1.660737084
STM1	YLR150W	-1.37239165	-3.496440932	-2.242977652	-1.558838952
PCD1	YLR151C	-1.282182265	3.764665099	3.415462254	1.102241752
YLR152C	YLR152C	1.225088818	3.895061123	3.953458381	-1.014992642
ACS2	YLR153C	1.110189138	-1.567299863	-1.769411973	1.128955611
YLR154C	YLR154C	-1.215999859	-1.842143273	-1.212413087	-1.519402333
ASP3-1	YLR155C	1.073982467	-1.012596958	1.533862826	-1.553184832
YLR156W	YLR156W	1.220535863	-1.030696679	-1.066286613	1.034529978
ASP3-2	YLR157C	1.046493168	-1.004072553	1.475948351	-1.469961853
ASP3-3	YLR158C	1.073380359	-1.008378624	1.565154883	-1.578268726
YLR159W	YLR159W	1.30497332	-1.060566332	-1.089318261	1.027109977
ASP3-4	YLR160C	1.059264002	-1.007197303	1.573583375	-1.584908932
YLR161W	YLR161W	1.207582654	-1.049400256	-1.071486164	1.021046219
YLR162W	YLR162W	1.694919404	-1.080253084	1.046259722	-1.130225292
MAS1	YLR163C	-1.208418054	-1.290568174	1.600718162	-1.240320499
YLR164W	YLR164W	1.085747071	2.463230582	2.515688704	-1.021296473
PUS5	YLR165C	-1.108478856	-1.138095595	1.235896882	-1.085934158
SEC10	YLR166C	1.077100919	-1.297938269	1.033485882	1.255883889
RPS31	YLR167W	-1.662164516	-10.14445017	-3.570522288	-2.841167018
YLR168C	YLR168C	-1.101166858	2.75482713	2.967481875	-1.077193499
APS1	YLR170C	-1.103778143	-1.06996307	1.457092667	-1.361815849
DPH5	YLR172C	-1.184798359	-3.782447193	-2.638840707	-1.433374581
YLR173W	YLR173W	-1.027792797	2.256427641	1.885058024	1.197006995
IDP2	YLR174W	-1.185416158	-1.548282115	1.716185768	-1.108445129
CBF5	YLR175W	1.150600753	-22.15792248	-31.57700317	1.425088619
RFX1	YLR176C	-1.046191759	2.508299673	2.147063009	1.168246886
YLR177W	YLR177W	1.200460536	6.883031398	6.75455303	1.019021002
TFS1	YLR178C	1.033533408	25.37723234	28.5434253	-1.124765101
YLR179C	YLR179C	-1.070091757	-2.27410397	-1.408647966	-1.614387714
SAM1	YLR180W	1.318912764	-38.43540755	-51.18243372	1.331648004
VTA1	YLR181C	-1.098425402	-1.114084618	-1.395403524	1.252511256
SWI6	YLR182W	-1.021493741	-1.008124764	-1.162494708	1.153125834
TOS4	YLR183C	-1.103256259	-3.516552734	-3.557441747	1.011627584
RPL37A	YLR185W	1.075707737	-7.437448072	-4.812309837	-1.545504825
EMG1	YLR186W	-1.146090014	-13.95643919	-15.22078898	1.090592577
YLR187W	YLR187W	1.307176775	-1.039985534	-1.229876574	1.279053846
MDL1	YLR188W	-1.066755504	-1.831666777	-1.876541674	1.024499488
UGT51	YLR189C	-1.001369603	-1.655679518	1.864541598	-1.126148858
YLR190W	YLR190W	1.064665171	-1.022103502	-1.094908497	1.11910981
PEX13	YLR191W	-1.201000767	-1.057022615	1.326490128	-1.254930698
HCR1	YLR192C	-1.111530561	-1.406117412	-1.422569766	1.011700555
YLR193C	YLR193C	-1.030984664	-1.486686431	1.356240921	1.096181666
YLR194C	YLR194C	-1.242786304	-1.794617004	2.564663306	-1.429086708
NMT1	YLR195C	-1.054836185	-1.414031983	-1.460851787	1.033110851
PWP1	YLR196W	1.018775623	-21.26138828	-21.79910715	1.025290863
SIK1	YLR197W	-1.053576078	-29.20240589	-31.61730966	1.08269537
YLR198C	YLR198C	1.08374624	-3.070790412	-3.17366607	1.033501361
YLR199C	YLR199C	1.151056225	-1.348928662	1.112872879	1.212113879

YKE2	YLR200W	-1.005872921	-2.205366083	-1.675552117	-1.316202618
YLR201C	YLR201C	1.283076064	-1.671939471	1.799816063	-1.076483984
YLR202C	YLR202C	1.18044901	-1.406726209	1.094390278	1.28539721
MSS51	YLR203C	1.159157173	-1.89632575	1.636746496	1.158594659
QRI5	YLR204W	-1.023982377	-1.066938843	1.546810167	-1.650351849
HMX1	YLR205C	-1.139617829	3.905347958	4.440061205	-1.136918208
ENT2	YLR206W	1.032325408	-1.835688571	2.322809303	-1.265361315
HRD3	YLR207W	-1.020373825	-1.507425367	1.286704244	1.171539904
SEC13	YLR208W	1.017211943	-1.45350622	-1.611844965	1.108935719
PNP1	YLR209C	1.22464194	-1.013611078	-1.057240569	1.04304362
CLB4	YLR210W	-1.085547	-1.385074128	-1.368707509	-1.011957719
YLR211C	YLR211C	-1.144267743	-1.603021501	1.230587133	1.302647701
TUB4	YLR212C	1.000336395	-2.170886374	-1.617533643	-1.342096581
CRR1	YLR213C	1.248175419	-1.056257057	-1.21982723	1.28845112
FRE1	YLR214W	1.502007002	-6.500684495	-9.780846547	1.504587179
CDC123	YLR215C	-1.10713314	-2.005057127	-2.301435608	1.14781548
CPR6	YLR216C	-1.082223234	10.56090214	17.81396205	-1.686784124
YLR217W	YLR217W	-1.353857553	3.99173554	7.381505967	-1.849197145
YLR218C	YLR218C	-1.385373887	-1.226922058	1.156878119	-1.419399283
MSC3	YLR219W	1.121375902	2.129035888	1.986962272	1.071502926
CCC1	YLR220W	1.036539768	-1.336872034	1.492782392	-1.116623248
RSA3	YLR221C	-1.114719145	-8.645760572	-7.844847162	-1.102094202
UTP13	YLR222C	-1.035279164	-23.78322346	-33.00937665	1.387926944
IFH1	YLR223C	1.045952798	-2.017221238	-2.202265559	1.091732288
YLR224W	YLR224W	1.040847864	-1.178543651	-1.156274337	-1.019259542
YLR225C	YLR225C	-1.10214363	-1.654583037	1.606491116	1.029936001
BUR2	YLR226W	-1.195592662	-1.377291846	-1.20467201	-1.143291979
ADY4	YLR227C	1.028943783	-1.122977008	-1.205673814	1.073640694
ECM22	YLR228C	-1.001961706	-1.226395007	-1.119064346	-1.095911072
CDC42	YLR229C	1.007715622	-1.961176577	-1.610169716	-1.217993704
YLR230W	YLR230W	1.228498556	-1.711006517	-1.249461586	-1.369395054
BNA5	YLR231C	1.155779436	2.0079499	1.577307427	1.273023803
EST1	YLR233C	1.057810817	-1.126513942	-1.00855049	1.136146188
TOP3	YLR234W	1.139870697	-1.356788209	1.349414442	1.00546442
YLR236C	YLR236C	1.306501257	-1.118665306	-1.024472588	1.146041941
THI7	YLR237W	1.449468181	-1.436357387	-1.995115457	1.389010476
YLR238W	YLR238W	-1.115726286	-1.447905118	1.644780426	-1.13597252
LIP2	YLR239C	-1.282163772	-1.107889027	1.383017326	-1.248335612
VPS34	YLR240W	1.121834815	-1.948395225	1.649230626	1.181396461
YLR241W	YLR241W	1.176050344	-1.977728011	1.658456629	1.192511143
ARV1	YLR242C	1.151715445	-2.239001398	-2.12591725	-1.053193109
YLR243W	YLR243W	-1.085681318	-3.64650173	-3.434967704	-1.061582538
MAP1	YLR244C	1.064126828	-1.754652093	-1.953889267	1.113547965
CDD1	YLR245C	1.246498498	2.31291122	2.382641468	-1.03014826
ERF2	YLR246W	1.166860984	-1.33815443	1.254278232	1.066872083
YLR247C	YLR247C	-1.099627431	-1.481595341	1.721193332	-1.161716215
RCK2	YLR248W	1.156172775	2.615467307	2.396523538	1.091358906
YEF3	YLR249W	1.120989997	-13.37343493	-12.99674048	-1.028983763
SSP120	YLR250W	-1.269765266	-1.626777599	1.780484097	-1.094485256

SYM1	YLR251W	-1.025837841	15.07317446	14.44196769	1.043706424
YLR252W	YLR252W	1.111546069	14.19682747	15.22433597	-1.072375924
YLR253W	YLR253W	-1.144187228	-1.084455185	-1.302549463	1.201109534
YLR254C	YLR254C	-1.165765793	-1.20380909	1.898495887	-1.577073892
YLR255C	YLR255C	1.16391302	-1.183975148	-1.170837297	-1.011220903
HAP1	YLR256W	1.05286896	-1.189649775	1.362359101	-1.145176614
YLR257W	YLR257W	-1.172275814	2.953973853	2.597199163	1.137369015
GSY2	YLR258W	1.018738071	14.25496126	20.95198056	-1.469802701
HSP60	YLR259C	-1.05616715	4.300673766	6.864866506	-1.59623047
LCB5	YLR260W	-1.200569552	2.118231838	2.610526763	-1.232408424
VPS63	YLR261C	-1.196081208	-1.142716671	1.270330858	-1.451628248
YPT6	YLR262C	-1.211730695	-1.078536429	1.289105504	-1.390347247
YLR262C-A	YLR262C-A	1.058606168	-1.968005975	-2.373656514	1.206122615
RED1	YLR263W	1.010713235	-1.155203279	1.0767281	1.072883006
RPS28B	YLR264W	1.126897495	-3.689623912	-2.648205997	-1.393254118
NEJ1	YLR265C	1.021318894	-1.398485152	-1.55646768	1.112966898
PDR8	YLR266C	1.173538692	-1.934809208	-2.325554384	1.201955404
BOP2	YLR267W	1.310679767	6.089054096	4.176850221	1.457810018
SEC22	YLR268W	1.021421199	-1.143152142	-1.233833648	1.079325842
YLR270W	YLR270W	-1.123324183	4.881558824	4.874848141	1.001376594
YLR271W	YLR271W	-1.061213699	3.190752582	3.57574686	-1.120659395
YCS4	YLR272C	1.033708374	-1.686647519	-2.271593308	1.346809741
PIG1	YLR273C	-1.209381358	-1.580298058	1.751456734	-1.108307844
CDC46	YLR274W	-1.113148638	-1.090865121	1.015013079	-1.107242365
SMD2	YLR275W	1.142350411	-1.208745513	-1.431147745	1.183994256
DBP9	YLR276C	-1.044127487	-17.83536189	-26.08689638	1.462650242
YSH1	YLR277C	-1.065796491	-1.441350727	-1.400334415	-1.029290369
YLR278C	YLR278C	-1.00980843	-1.203151551	1.271618779	-1.05690657
YLR280C	YLR280C	-1.128468766	-1.26634963	1.555625603	-1.228432943
YLR281C	YLR281C	1.146477564	-1.146245614	1.175979305	-1.02594007
YLR283W	YLR283W	-1.333667452	-1.463327678	1.956190658	-1.336809716
ECI1	YLR284C	-1.322566411	-1.352282512	1.589090736	-1.17511742
YLR285W	YLR285W	-1.211018223	-2.243341829	-1.616175186	-1.388056103
CTS1	YLR286C	1.061559499	-1.141117946	-1.547675124	1.356279717
YLR287C	YLR287C	-1.226485817	-2.906244417	-2.762737184	-1.05194386
RPS30A	YLR287C-A	1.062779046	-3.304441103	-2.755870765	-1.199055176
MEC3	YLR288C	-1.170893354	-1.1673145	1.397789858	-1.197440672
GUF1	YLR289W	-1.132932372	-1.722553814	1.750546817	-1.016250872
YLR290C	YLR290C	-1.228414416	-1.660185248	1.896111542	-1.142108415
GCD7	YLR291C	1.068105735	-1.958612253	-2.353530357	1.201631591
SEC72	YLR292C	-1.094392668	-1.34836727	-1.186529484	-1.136395923
GSP1	YLR293C	1.10932574	-1.956370098	-1.969627758	1.006776663
YLR294C	YLR294C	1.062284969	-1.307417503	1.25360097	1.042929556
ATP14	YLR295C	-1.016688436	-1.091756709	1.270125334	-1.163377631
YLR297W	YLR297W	1.223118123	-1.906931067	1.348166404	1.414462682
YHC1	YLR298C	-1.196551239	-1.033709489	1.487403933	-1.537543559
ECM38	YLR299W	1.044335778	-1.638478783	1.447394828	1.132019233
EXG1	YLR300W	1.273313501	-1.231704462	-2.507210092	2.035561427
YLR301W	YLR301W	-1.127727639	-1.043159874	1.184058875	-1.135069422

ACO1	YLR304C	1.216038728	2.425890176	2.054411121	1.180820212
STT4	YLR305C	1.306495029	-1.045285889	-1.487800077	1.423342736
UBC12	YLR306W	-1.071088588	-1.311022906	-1.393552259	1.062950352
CDA1	YLR307W	-1.043593345	-1.548457941	2.371762305	-1.531693075
IMH1	YLR309C	-1.038326224	-1.376905352	1.358522207	1.013531721
CDC25	YLR310C	1.008620703	-1.167198754	-1.034380792	-1.128403352
YLR312C	YLR312C	1.001972869	4.41048574	6.325098904	-1.43410483
MRPL15	YLR312W-A	-1.285260359	-1.055758796	-1.072874237	1.132696413
SPH1	YLR313C	-1.190760697	-1.451279124	1.008191697	-1.463167563
CDC3	YLR314C	1.045812346	-1.14491639	-1.054769806	1.207623239
NKP2	YLR315W	1.026534923	-1.599129938	1.783985106	-1.115597341
TAD3	YLR316C	-1.087499901	-2.527627511	-2.295429199	-1.101156818
KRE34	YLR317W	1.096764672	-1.704197093	2.017117555	-1.18361753
EST2	YLR318W	-1.072592779	-19.3440619	-2.238094871	-8.643092906
BUD6	YLR319C	1.023308698	-1.099146248	-1.338209355	1.217498906
MMS22	YLR320W	1.118187905	-1.046685525	-1.130238096	1.07982586
SFH1	YLR321C	1.133431437	-1.267940098	-1.984899057	1.565451759
CWC24	YLR323C	-1.226092491	-1.547984579	-1.55738674	1.006073808
YLR324W	YLR324W	1.021995929	2.262923133	1.934209971	1.16994699
RPL38	YLR325C	1.020988246	-12.6502904	-10.00879767	-1.263917087
YLR326W	YLR326W	-1.098386076	-1.236364316	1.219415587	1.013899059
YLR327C	YLR327C	-1.112732524	67.2911488	124.8105144	-1.854783529
NMA1	YLR328W	1.011085701	-1.526807571	-1.338827365	-1.140406606
REC102	YLR329W	1.202774719	-1.150072997	-1.080596927	-1.064294159
CHS5	YLR330W	-1.11094532	-1.035989766	1.176459294	-1.218799789
MID2	YLR332W	1.249557621	-1.486802794	1.294784039	1.148301762
RPS25B	YLR333C	1.067524416	-5.146242029	-3.568100066	-1.442291958
NUP2	YLR335W	-1.118572911	-1.473921847	-1.400517559	-1.052412258
SGD1	YLR336C	1.029653182	-3.596666345	-3.649871818	1.014792996
VRP1	YLR337C	1.153358951	2.141530852	1.852177038	1.156223626
KRE21	YLR338W	-1.066440213	-1.627795873	2.66795023	-1.638995573
FKS1	YLR342W	1.359513504	-1.898740198	-2.900126628	1.527395181
YLR343W	YLR343W	1.310003478	-1.070770957	-1.290449266	1.205159009
RPL26A	YLR344W	1.052701224	-11.35083869	-7.705279496	-1.473124847
YLR345W	YLR345W	-1.186126439	3.379832181	4.073958429	-1.205372992
YLR346C	YLR346C	-1.472535968	-1.465697839	1.512293782	-2.216565727
KAP95	YLR347C	1.232193395	-1.645759382	1.720018461	-1.045121468
DIC1	YLR348C	-1.131197929	-1.283141293	-1.053069102	-1.218477771
ORM2	YLR350W	1.045654011	2.084045495	2.673237876	-1.2827157
NIT3	YLR351C	-1.4948746	-1.868172042	-1.068870254	-1.747800572
YLR352W	YLR352W	1.10803104	-1.741166868	1.49372654	1.16565303
BUD8	YLR353W	1.03516672	-1.190805074	-1.536703223	1.290474197
TAL1	YLR354C	1.032525445	-1.152860479	-1.050411375	-1.097532364
ILV5	YLR355C	-1.080184779	-7.738483162	-11.12808468	1.438018853
YLR356W	YLR356W	1.077038296	3.445641498	2.843800308	1.211632718
RSC2	YLR357W	-1.044817185	-1.31535525	-1.516943799	1.153257873
ADE13	YLR359W	1.097362096	-3.072933284	-4.363151714	1.419865422
VPS38	YLR360W	-1.202513901	-1.211124065	1.354848504	-1.118670286
DCR2	YLR361C	1.006967576	-1.612621169	1.673230985	-1.037584658

STE11	YLR362W	1.089267626	-1.697766686	1.39792927	1.214486829
NMD4	YLR363C	1.167431552	-1.279649497	1.08728624	1.17692053
YLR363W-A	YLR363W-A	-1.023563767	-7.102268125	-6.35910223	-1.116866481
YLR364W	YLR364W	1.161474633	-1.701866548	-2.075076868	1.219294704
RPS22B	YLR367W	1.282280745	-6.453252114	-4.964344453	-1.299920296
FLM1	YLR368W	-1.031410741	-1.172234539	-1.050677875	1.231640895
SSQ1	YLR369W	-1.128600565	-1.436906604	1.529115324	-1.064171687
ARC18	YLR370C	1.136178185	-1.428185625	1.723891173	-1.2070498
ROM2	YLR371W	1.194992922	2.165887172	1.307855101	1.656060499
SUR4	YLR372W	1.206996373	-5.960139463	-7.935637586	1.331451661
VID22	YLR373C	1.003194821	-1.019733994	1.122590416	-1.144743608
STP3	YLR375W	1.051491816	-1.019831571	-1.07670151	1.098054193
PSY3	YLR376C	-1.325902812	-1.109726633	1.452535007	-1.611916783
FBP1	YLR377C	1.307173306	-1.30785707	1.533729646	-1.172704328
SEC61	YLR378C	1.377741152	-1.119554123	-1.615602551	1.443076773
YLR379W	YLR379W	1.28072918	-1.1043339	-1.676351714	1.851252026
CSR1	YLR380W	1.086960645	-1.188789135	-1.162999679	-1.022174947
CTF3	YLR381W	1.279292888	-1.064633158	-1.160366862	1.089921776
NAM2	YLR382C	-1.089704231	-1.447165841	1.513910478	-1.046120932
RHC18	YLR383W	1.023925997	-1.371102171	-1.537061466	1.121040793
IKI3	YLR384C	1.077646549	-4.225943796	-3.937958474	-1.073130614
VAC14	YLR386W	-1.024620621	-1.004383774	1.005330965	-1.000943057
YLR387C	YLR387C	-1.16854508	-1.258290617	1.476867722	-1.173709556
RPS29A	YLR388W	1.16265332	-9.333325555	-6.739918583	-1.38478313
STE23	YLR389C	1.252260418	-1.937459845	-2.53217432	1.306955767
ECM19	YLR390W	-1.069272335	-1.049189191	1.027184626	-1.077711007
CCW14	YLR390W-A	1.301408828	-1.013955572	-1.030649236	1.045032536
YLR392C	YLR392C	-1.258068174	2.380291308	2.428487944	-1.02024821
ATP10	YLR393W	1.309783395	-1.838882917	1.569540785	1.171605692
CST9	YLR394W	1.003843443	-1.525518053	1.434581666	1.063388784
COX8	YLR395C	1.110804757	-1.154304967	1.633542623	-1.415174214
VPS33	YLR396C	-1.217172286	-1.049868107	1.322384649	-1.388329468
AFG2	YLR397C	-1.019090265	-3.227270025	-3.17118084	-1.017687161
SKI2	YLR398C	1.012632055	-1.061717397	1.119284877	-1.054221096
BDF1	YLR399C	1.160049566	-1.474881724	1.583400053	-1.073577648
YLR401C	YLR401C	1.085111025	-12.6675734	-18.20397643	1.437053163
SFP1	YLR403W	1.244761526	-1.279354453	-1.044975898	1.336894568
YLR404W	YLR404W	1.229415095	-1.07623033	-1.595442886	1.482436279
YLR405W	YLR405W	1.04088233	-2.984972522	-3.667462265	1.228641885
RPL31B	YLR406C	-1.061408525	-15.82647224	-11.57845305	-1.366890047
YLR407W	YLR407W	1.044184387	-2.571722405	-2.788073932	1.084127092
YLR408C	YLR408C	1.00719678	-1.350347748	1.357621006	-1.005386211
UTP21	YLR409C	1.028394796	-17.74942811	-21.17592076	1.19304806
VIP1	YLR410W	1.162360898	-1.131603962	-1.610522872	1.42322131
CTR3	YLR411W	1.000592238	-1.057229464	1.175440455	-1.111812047
YLR412W	YLR412W	-1.135041592	-1.338154253	-1.359746407	1.016135774
YLR413W	YLR413W	1.266544525	-26.11760925	-32.34832628	1.238563835
YLR414C	YLR414C	1.194695361	2.44797156	2.101043949	1.165121538
VPS36	YLR417W	-1.257486043	-1.084182235	1.286952746	-1.187026225

CDC73	YLR418C	-1.184842319	-1.165425708	-1.303829737	1.118758346
YLR419W	YLR419W	1.0378186	-2.450685231	-2.86243943	1.168015947
URA4	YLR420W	-1.220082776	-2.330078886	-2.941537532	1.262419719
RPN13	YLR421C	1.010546826	-1.015407342	1.103822229	-1.087073378
YLR422W	YLR422W	1.237495362	-1.637981607	1.176626147	1.392100295
APG17	YLR423C	-1.175719967	-1.924703561	1.838515173	1.046879346
YLR424W	YLR424W	1.016291191	-1.087201042	-1.065543036	1.158459499
TUS1	YLR425W	-1.106315344	-1.990913643	1.877995422	1.060126995
YLR426W	YLR426W	1.042362097	-1.168625856	1.29196306	-1.105540369
YLR427W	YLR427W	-1.106399593	-1.32227028	-1.241517439	-1.065043662
CRN1	YLR429W	-1.034285559	-1.001575289	1.182004333	-1.180145263
SEN1	YLR430W	1.206273541	-2.007534656	-2.940387519	1.464675845
YLR431C	YLR431C	-1.137595398	-1.368997222	1.562571996	-1.141398952
IMD3	YLR432W	1.242203158	-7.097587526	-7.976750357	1.123867839
CNA1	YLR433C	-1.003084653	-1.991782808	-2.518027672	1.264207956
YLR435W	YLR435W	-1.367895755	-11.73781286	-11.32146695	-1.036774908
ECM30	YLR436C	1.110436426	-1.991411104	2.375166815	-1.192705457
YLR437C	YLR437C	1.067215266	-1.059754862	1.450404635	-1.368622771
LSM3	YLR438C-A	-1.144909705	-1.799372614	-1.16196237	-1.548563586
CAR2	YLR438W	1.206515705	4.618776831	5.300594293	-1.147618619
MRPL4	YLR439W	1.030419319	-1.113767465	1.278312544	-1.147737373
YLR440C	YLR440C	1.073581972	-1.137720389	-1.522135135	1.337881566
RPS1A	YLR441C	-1.148353049	-6.234174246	-5.843225664	-1.066906295
SIR3	YLR442C	-1.066286136	-1.057437399	1.04754704	1.009441446
ECM7	YLR443W	1.111294196	-1.174887749	-1.48233038	1.261678302
YLR446W	YLR446W	1.164526316	3.575113011	2.76247824	1.294168751
VMA6	YLR447C	-1.029369504	-1.61397656	-1.694675612	1.050000138
RPL6B	YLR448W	-1.118901811	-8.770344689	-7.166452881	-1.223805533
FPR4	YLR449W	-1.022997133	-11.46079192	-9.453214459	-1.212369821
HMG2	YLR450W	1.154302814	-1.339421546	-1.46436797	1.093283869
LEU3	YLR451W	-1.117113118	-1.679287295	-2.003903529	1.193305955
SST2	YLR452C	1.034976228	-2.001995148	-2.632573616	1.314975023
YLR454W	YLR454W	1.121067854	2.317079597	1.918122597	1.207993483
YLR455W	YLR455W	-1.02874106	-1.896868974	1.697224332	1.117630084
YLR456W	YLR456W	-1.20242381	-1.64208469	1.308619681	-2.148864343
NBP1	YLR457C	-1.044179577	-1.030926948	-1.006861722	1.038000882
CDC91	YLR459W	1.261551202	-1.115333729	-1.596458843	1.431373229
YLR460C	YLR460C	1.025662313	-3.667629896	-1.599618913	-2.292814784
PAU4	YLR461W	1.085654484	-1.160188474	-1.026365051	-1.130385794
YLR462W	YLR462W	-1.088277614	-1.223524316	-1.174835472	-1.041443118
YLR463C	YLR463C	1.270502677	-1.212895319	1.029709094	1.177900949
YLR464W	YLR464W	1.150019294	-1.498841878	-1.844294082	1.230479418
YLR465C	YLR465C	1.27390697	-1.050723627	-1.041217023	1.094031326
YRF1-4	YLR466W	-1.087837719	-1.075541423	1.280464813	-1.377192945
YRF1-5	YLR467W	-1.075018281	-1.041746419	1.249456814	-1.301617162
YPT7	YML001W	1.084024505	-1.191400552	-1.259307579	1.056997646
YML002W	YML002W	1.046258505	-1.903290734	1.585994991	1.200060999
GLO1	YML004C	1.020621054	3.248248119	3.242450179	1.001788135
YML005W	YML005W	1.28769263	-1.722119444	-2.683617059	1.558322258

GIS4	YML006C	-1.000315038	-1.440411848	-1.524366914	1.058285459
YAP1	YML007W	-1.020431532	-1.347976909	1.060135602	1.271513669
ERG6	YML008C	-1.103935159	-2.091776607	-2.265470899	1.083036731
MRPL39	YML009C	1.011401261	-1.639675775	-1.145645107	-1.431224874
YML009C-A	YML009C-A	-1.186963866	-1.91112003	1.088057951	-2.079409344
YML009W-B	YML009W-B	1.067509574	-1.604499315	-1.380018765	-1.162664854
SPT5	YML010W	1.416367422	-1.337334448	-2.111832103	1.579135351
YML011C	YML011C	-1.09546705	-1.291391813	-1.233914589	-1.046581201
ERV25	YML012W	-1.062392415	-1.098356557	1.077932483	1.018947452
SEL1	YML013W	1.09615246	-1.845264218	2.253533087	-1.221252255
YML014W	YML014W	1.029840856	-2.64497999	-2.358491951	-1.121470857
TAF11	YML015C	-1.17573937	-1.257076038	-1.177005982	-1.068028589
PPZ1	YML016C	1.175803775	-1.058399633	-1.303264381	1.231353772
PSP2	YML017W	1.429883005	-1.483986752	-1.608366478	2.386794546
YML018C	YML018C	1.071507647	-4.614414058	-4.939170869	1.070378775
OST6	YML019W	1.09755794	-1.803439538	-2.169248577	1.202839647
YML020W	YML020W	1.046123037	-1.139596248	-1.032143566	1.176226934
UNG1	YML021C	-1.383515217	-1.239863039	1.064113849	-1.319355431
APT1	YML022W	1.132994236	-6.199757307	-6.587922886	1.062609802
YML023C	YML023C	1.134654496	-2.002198062	-2.168689445	1.083154303
RPS17A	YML024W	1.125761447	-7.673532248	-8.246266228	1.074637594
YML025C	YML025C	-1.12240152	-1.21956313	1.135715473	1.073828048
RPS18B	YML026C	-1.224469936	-14.68488959	-9.3069063	-1.577848654
YOX1	YML027W	1.222069627	-2.285357364	-3.331959995	1.457960163
TSA1	YML028W	1.072818011	-1.207335723	1.589060449	-1.316171152
USA1	YML029W	1.038828563	-1.956745819	1.846375824	1.05977656
YML030W	YML030W	-1.044990702	-1.135375892	1.225041921	-1.078974751
NDC1	YML031W	-1.006863505	-1.731782505	-1.596725043	-1.084584044
RAD52	YML032C	1.069914826	-1.507405043	1.295865092	1.163242263
SRC1	YML034W	-1.053713142	-1.323330285	1.295591146	1.021410411
AMD1	YML035C	-1.032183095	-1.074219021	1.126407395	-1.048582619
YML036W	YML036W	1.174243128	-1.227144962	-1.437400264	1.171336972
YMD8	YML038C	1.112591506	-1.162149028	-1.337184234	1.15061339
VPS71	YML041C	-1.376815319	-1.151972706	1.260698243	-1.452289967
CAT2	YML042W	1.515172033	4.283345855	3.713308344	1.153512033
RRN11	YML043C	-1.076489145	-6.945786272	-11.32756637	1.630854439
PRP39	YML046W	-1.072864887	-1.824251886	-2.096661604	1.149326812
PRM6	YML047C	-1.040048568	-3.271169612	-2.75204447	-1.188632542
GSF2	YML048W	1.285382291	-1.00638138	1.013601382	-1.020069557
RSE1	YML049C	1.029788823	-1.090505428	1.139888718	-1.045284772
YML050W	YML050W	-1.041891221	-1.385694433	-1.062224527	1.471918614
GAL80	YML051W	1.050067206	-1.301595612	-1.447487988	1.11208733
SUR7	YML052W	1.347166347	-1.067591645	-1.344384153	1.259268148
YML053C	YML053C	-1.483219318	-1.014671467	1.47048417	-1.492058329
CYB2	YML054C	1.291980823	15.60462893	11.89115131	1.312289158
SPC2	YML055W	-1.088112096	-1.522451654	-1.259982896	-1.208311366
IMD4	YML056C	1.133553484	-21.93282823	-24.62157105	1.122589882
CMP2	YML057W	1.129931963	-1.742613134	1.499616917	1.16203886
SML1	YML058W	1.225925193	-1.622025946	1.435871417	1.129645682

HUG1	YML058W-A	1.160572052	-1.119314093	-1.331182899	1.189284498
YML059C	YML059C	1.318583372	-1.103485064	-1.087688771	1.200248313
OGG1	YML060W	1.02390595	-2.953947016	-3.623662958	1.22671901
PIF1	YML061C	-1.084040816	-1.532260576	-1.361733861	-1.125227638
MFT1	YML062C	-1.196894694	-1.056654758	1.093304766	-1.034684941
RPS1B	YML063W	-1.040304989	-8.408129853	-9.639847991	1.146491332
TEM1	YML064C	-1.235096715	-1.198810642	-1.191113115	-1.006462466
ORC1	YML065W	-1.024768618	-1.013642233	1.034551324	-1.020627683
ERV41	YML067C	1.253492906	-1.001874567	-1.213247948	1.215522263
YML068W	YML068W	-1.15407979	-1.565861153	1.796683603	-1.147409269
POB3	YML069W	-1.241625	-1.384241773	-1.052010526	-1.31580601
DAK1	YML070W	1.069455567	3.698801621	3.268375519	1.131694201
COG8	YML071C	-1.260874765	-1.123582891	1.258522337	-1.120097455
YML072C	YML072C	1.178234007	-1.142800867	-1.164748989	1.331076154
RPL6A	YML073C	-1.275915489	-11.40840008	-8.248178777	-1.383141707
FPR3	YML074C	-1.262066921	-1.616825958	-1.050607536	-1.538943805
HMG1	YML075C	1.319225125	-1.730874738	-2.477449422	1.431327968
WAR1	YML076C	-1.127740373	-1.053780044	1.306061335	-1.239406025
BET5	YML077W	-1.148730852	-1.637738199	1.065084347	-1.74432932
CPR3	YML078W	-1.02449128	-1.077678462	1.306363109	-1.407839386
YML079W	YML079W	-1.053188107	-1.224275633	1.187437953	-1.453751352
DUS1	YML080W	-1.258707247	-10.28242305	-8.618795274	-1.193023238
ATP18	YML081C-A	1.413099251	-1.331012614	1.014517659	-1.350335803
YML081W	YML081W	1.126127662	-1.792101053	-2.221140843	1.239406026
YML082W	YML082W	1.043334473	-3.214145388	-4.114442862	1.280104776
TUB1	YML085C	1.147357968	-1.024996444	-1.014174414	-1.010670778
ALO1	YML086C	1.137764468	-1.327590305	-1.399263669	1.053987562
YML087C	YML087C	1.145329494	-1.354895419	-1.478236389	1.091033572
UFO1	YML088W	1.04419974	-1.429353966	-1.141982067	-1.251643092
YML090W	YML090W	1.294164846	-1.003458685	1.21323006	-1.209048342
RPM2	YML091C	1.359469601	2.578335352	1.791689516	1.439052541
PRE8	YML092C	1.160402153	-1.254512968	1.108761553	1.131454246
UTP14	YML093W	-1.054063195	-16.9750879	-16.1935154	-1.048264535
GIM5	YML094W	-1.136889897	-2.508395756	-2.348661298	-1.068010853
RAD10	YML095C	-1.004694714	-1.49857131	1.486365064	1.008212145
YML096W	YML096W	-1.088097024	-4.587490793	-4.369157387	-1.049971513
VPS9	YML097C	-1.041923417	-1.640631862	-1.832620222	1.117020987
TAF13	YML098W	-1.218511606	-1.84034497	-1.325965003	-1.387928766
ARG81	YML099C	-1.048658468	-1.023716664	-1.031054027	1.055507189
TSL1	YML100W	1.133656721	16.06741458	21.2398886	-1.321923231
CUE4	YML101C	1.072109219	-1.060177207	1.763889285	-1.870035216
YML101C-A	YML101C-A	1.363019689	-1.011715411	-1.348883674	1.364686401
CAC2	YML102W	-1.016415353	-1.120386178	-1.0648086	-1.0521949
NUP188	YML103C	1.207198875	-1.193087229	-1.601345665	1.342186578
MDM1	YML104C	1.051029359	-1.350812075	-1.547209458	1.145392084
SEC65	YML105C	-1.096384891	-1.793056647	-1.889165932	1.053600808
URA5	YML106W	1.297763226	-6.141576935	-4.169262416	-1.473060777
YML107C	YML107C	-1.076527277	-1.115865239	1.176652402	-1.054475363
YML108W	YML108W	-1.106172156	-4.004723579	-2.551104383	-1.569799968

ZDS2	YML109W	-1.021034233	-1.292336167	-1.188791587	-1.087100701
COQ5	YML110C	1.033831761	-1.592143546	1.446421267	1.100746776
BUL2	YML111W	1.024281997	-1.217864083	-1.429966792	1.174159589
CTK3	YML112W	-1.019854507	-1.040841468	1.026972134	-1.068915184
DAT1	YML113W	-1.197484345	-5.875338284	-4.723985534	-1.243724869
TAF8	YML114C	-1.073353772	-1.021587514	1.224105701	-1.2505311
VAN1	YML115C	1.173617892	-1.279373403	-1.530824796	1.196542614
ATR1	YML116W	1.228598697	-2.61702592	-2.891243147	1.104782007
YML116W-A	YML116W-A	-1.064314606	2.063554851	2.31970018	-1.12412819
YML117W	YML117W	1.017255082	2.222810265	1.943093646	1.143954266
NGL3	YML118W	1.328844597	3.692241682	2.877905211	1.282961533
YML119W	YML119W	-1.088967544	-1.246346413	-1.250230846	1.003116656
NDI1	YML120C	1.104758929	3.714457481	3.215745754	1.155084315
GTR1	YML121W	-1.304663426	-1.328576869	-1.132314559	-1.173328434
YML122C	YML122C	1.256838179	-1.856510678	-1.252190709	2.324705421
PHO84	YML123C	1.08782537	-4.330149154	-6.192109015	1.429999013
TUB3	YML124C	-1.215369867	-1.113012953	-1.11759741	1.004118961
YML125C	YML125C	1.029536552	-3.050661838	-3.318373957	1.087755423
ERG13	YML126C	1.193691798	-2.246626308	-2.754601561	1.226105807
RSC9	YML127W	1.166501641	-1.681614176	1.680534864	1.000642243
MSC1	YML128C	-1.202945423	28.60345364	34.45228006	-1.204479728
COX14	YML129C	-1.442395159	-1.021750491	2.547312217	-2.602717507
ERO1	YML130C	-1.004477191	5.908935342	6.499844531	-1.100002649
YML131W	YML131W	1.095210246	-1.638424236	2.878441424	-1.756835233
COS3	YML132W	1.094930426	-1.583706617	1.668975474	-1.05384132
YML133C	YML133C	-1.081930651	-1.051227861	1.265688414	-1.330526923
CDC5	YMR001C	-1.115012969	-1.898167636	-2.184077653	1.150624219
YMR002W	YMR002W	-1.113097448	-1.002499417	1.184547469	-1.187508147
YMR003W	YMR003W	-1.23738912	-2.225425087	-1.428274282	-1.558121654
MVP1	YMR004W	-1.038329049	-1.489040992	1.281014714	1.162391795
TAF4	YMR005W	-1.216863346	-1.194956775	-1.17809365	-1.014313909
PLB2	YMR006C	1.286777458	-5.359871778	-6.328636809	1.180744069
PLB1	YMR008C	1.103340884	-1.74802137	1.684809851	1.037518489
YMR009W	YMR009W	-1.055495701	-1.516263689	1.439441765	1.053369247
YMR010W	YMR010W	1.092460863	-1.194934839	-1.496523011	1.252388801
HXT2	YMR011W	1.281076794	-1.308272982	-1.238895327	-1.05599961
CLU1	YMR012W	1.013280707	-2.355396012	-2.298192613	-1.024890603
SEC59	YMR013C	1.152266728	-1.20530019	-1.360173417	1.128493489
YMR013W-A	YMR013W-A	1.159766412	-2.335578145	-3.026787705	1.295947948
BUD22	YMR014W	-1.100026532	-7.144697494	-8.62756015	1.207547298
ERG5	YMR015C	1.280302049	-1.201551468	-2.10454761	1.751525145
SOK2	YMR016C	-1.032673748	-3.387729546	-3.739744953	1.103908946
SPO20	YMR017W	1.204256832	2.549518907	2.104417127	1.211508343
STB4	YMR019W	-1.059677924	-1.239141038	-1.441476669	1.163287007
FMS1	YMR020W	-1.006300602	2.415180301	2.334383909	1.034611441
MAC1	YMR021C	-1.183057889	-1.14627752	1.159757902	-1.011760138
QR18	YMR022W	1.138385443	-1.616821355	2.398904076	-1.483716224
MSS1	YMR023C	-1.224833828	-1.454416951	1.794838372	-1.234060405
MRPL3	YMR024W	-1.104194942	-1.056154166	1.231433381	-1.165959877

CSI1	YMR025W	-1.036207964	-1.472102821	1.383222314	1.064256126
PEX12	YMR026C	-1.180133618	-1.4657732	-1.277938841	-1.146982276
HRT2	YMR027W	-1.152378234	-1.456464055	1.442073449	1.009979108
TAP42	YMR028W	-1.044920083	-1.457691286	1.209370673	1.205330439
YMR029C	YMR029C	-1.264458078	-1.397800222	1.684836982	-1.205348916
YMR030W	YMR030W	1.001105086	2.661621911	2.224732237	1.196378542
YMR031C	YMR031C	1.224752233	2.921027135	2.369790353	1.232609935
HOF1	YMR032W	-1.020660832	-1.02914311	-1.023839694	1.053677566
ARP9	YMR033W	-1.314157784	-2.006039415	-1.555091627	-1.289981491
YMR034C	YMR034C	1.031861822	-1.032848933	1.221061522	-1.182226638
IMP2	YMR035W	1.202038665	-1.263116974	1.067230867	1.183546141
MIH1	YMR036C	-1.170441675	-1.039810057	1.464448795	-1.522748584
MSN2	YMR037C	1.024485195	-1.203524235	1.26261153	-1.049095227
LYS7	YMR038C	-1.194446885	-1.526931077	-1.232767503	-1.238620481
SUB1	YMR039C	-1.165294035	-1.037554355	1.141248065	-1.1841069
YMR040W	YMR040W	-1.136144824	-1.797802372	2.192970911	-1.219806439
YMR041C	YMR041C	1.152875834	2.64485197	2.069287951	1.278145928
ARG80	YMR042W	1.233142934	-1.245829631	-1.538007231	1.234524523
MCM1	YMR043W	1.046852877	-1.054706905	1.107666749	-1.050212855
IOC4	YMR044W	-1.019999627	-1.194176858	-1.100035774	1.313637265
YMR046W-A	YMR046W-A	-1.063194553	-1.064201808	1.221743484	-1.300181623
NUP116	YMR047C	1.069671476	-1.081156173	1.089405716	-1.007630298
CSM3	YMR048W	-1.14478499	-1.215771624	-1.271574503	1.045899147
ERB1	YMR049C	1.124476248	-32.81593167	-32.87340454	1.001751371
YMR052C-A	YMR052C-A	1.016593102	2.760105025	3.813433009	-1.381626051
FAR3	YMR052W	1.082690352	-1.521935748	1.287842924	1.181771254
STB2	YMR053C	-1.083456401	5.132568269	5.670016816	-1.104713375
STV1	YMR054W	1.134839587	-1.159669475	1.171796105	-1.010456972
BUB2	YMR055C	1.213893582	-1.288405617	-1.574965107	1.222414034
AAC1	YMR056C	1.006664431	-1.778951335	2.679600967	-1.506281208
FET3	YMR058W	1.193921378	-2.308589678	-2.807458054	1.216092266
SEN15	YMR059W	1.024125932	-2.119942428	-1.649486335	-1.285213695
TOM37	YMR060C	-1.231545945	-1.220954173	-1.092698695	-1.117374971
RNA14	YMR061W	-1.07817879	-2.340742732	-2.269460209	-1.031409462
ECM40	YMR062C	-1.057653841	-1.313751662	-1.310402216	-1.002556044
RIM9	YMR063W	-1.021229038	-1.075030047	1.166849223	-1.0854108
AEP1	YMR064W	-1.081474463	-1.195374363	-1.030492029	1.231823753
KAR5	YMR065W	-1.210045026	-1.359318946	-1.329044012	-1.022779482
SOV1	YMR066W	1.012955552	-1.272271838	1.042663614	1.220213135
YMR067C	YMR067C	1.010603037	-1.454810156	1.46949985	-1.010097328
AVO2	YMR068W	-1.131555226	2.333414573	2.926319534	-1.254093279
YMR069W	YMR069W	-1.047456606	-1.027184547	1.261578733	-1.29587418
MOT3	YMR070W	-1.024659346	-1.282203579	1.482748809	-1.156406699
YMR071C	YMR071C	-1.098478646	-1.267838472	1.541797913	-1.95475071
ABF2	YMR072W	-1.101058336	-1.021227445	-1.010753345	-1.010362667
YMR073C	YMR073C	-1.124319002	-1.480774836	-1.186947333	-1.247548897
YMR074C	YMR074C	-1.058766821	-1.339817243	-1.240102985	-1.080408046
RCO1	YMR075W	-1.04995834	-1.31383529	-1.030491851	1.353896559
PDS5	YMR076C	1.039505775	-1.989724439	-2.476217555	1.244502759

VPS20	YMR077C	-1.147452203	-1.207405777	1.107813208	1.089900146
CTF18	YMR078C	-1.084175545	-1.622957813	-1.795584344	1.106365383
SEC14	YMR079W	1.049577106	-2.14580707	-2.532939917	1.180413633
NAM7	YMR080C	1.134413408	-1.781956918	-2.409868663	1.352372012
ISF1	YMR081C	1.10210015	2.29110068	3.125715378	-1.364285474
ADH3	YMR083W	-1.151431243	-1.106323623	1.580141284	-1.428281247
YMR085W	YMR085W	-1.029835388	3.542425644	4.243665885	-1.197954823
YMR086C-A	YMR086C-A	1.215109378	-1.051020005	-1.024689243	-1.02569634
YMR086W	YMR086W	1.04359912	-1.632760249	1.720272732	-1.053597877
YMR087W	YMR087W	1.043863339	-1.159346532	1.090073545	1.063548911
YMR088C	YMR088C	-1.550701247	-1.827854771	-1.552351885	-1.177474507
YTA12	YMR089C	1.003475641	-1.171341236	1.137605729	1.029654832
YMR090W	YMR090W	1.052661136	8.031978742	8.092756383	-1.007566957
NPL6	YMR091C	1.00153516	-1.224097885	-1.425679165	1.164677419
AIP1	YMR092C	1.043309017	2.064194175	2.194969946	-1.063354394
UTP15	YMR093W	1.184052621	-8.982089658	-14.00478704	1.559190296
SNZ1	YMR096W	1.039302191	-1.459104996	-1.157803031	-1.260235944
MTG1	YMR097C	-1.141327932	-1.566232155	1.364400428	1.147927047
YMR098C	YMR098C	-1.135242589	-1.343918917	1.38487938	-1.030478373
YMR099C	YMR099C	-1.034453702	-1.276204377	1.27454749	1.001299981
MUB1	YMR100W	-1.127829742	-1.223319181	1.123179203	1.089157614
YMR102C	YMR102C	-1.112734237	-1.016959196	1.378566701	-1.401946085
YMR103C	YMR103C	1.06009808	6.626911276	5.649057694	1.1731003
YPK2	YMR104C	-1.02414954	5.437054969	4.927076142	1.103505368
PGM2	YMR105C	-1.020605336	51.39512346	57.65655393	-1.121829272
YKU80	YMR106C	1.085425062	-1.071779932	1.060695059	1.010450575
YMR107W	YMR107W	1.471899294	5.777875288	4.553145354	1.268985468
ILV2	YMR108W	1.075839248	-1.612644149	-1.376772339	-1.171322304
MYO5	YMR109W	1.053659927	-1.657761472	1.256058044	1.31981279
YMR110C	YMR110C	1.153177588	4.92500957	3.581256214	1.375218437
YMR111C	YMR111C	-1.132491693	-1.90119639	1.945453555	-1.023278587
MED11	YMR112C	-1.397855769	-1.374578898	1.425393258	-1.959315493
FOL3	YMR113W	-1.107015625	-1.270694046	-1.056857487	-1.202332444
YMR114C	YMR114C	-1.196366228	2.0443134	3.120108771	-1.526237989
YMR115W	YMR115W	-1.016581917	2.036332563	1.464045585	1.390894234
ASC1	YMR116C	-1.144618814	-6.124721741	-3.726943055	-1.643363381
SPC24	YMR117C	1.024903198	-1.051656607	-1.220924323	1.16095341
YMR118C	YMR118C	1.087915987	6.556585874	3.400362355	1.928202112
ASI1	YMR119W	1.125320832	-1.56757835	1.253382381	1.250678464
YMR119W-A	YMR119W-A	1.295252772	-1.512845636	1.077072502	1.404590345
ADE17	YMR120C	1.079506382	-1.071344332	-1.350984737	1.261018234
RPL15B	YMR121C	-1.245050698	-1.36814222	2.245642854	-1.641381152
YMR122C	YMR122C	1.217543234	-1.492596435	-1.638395198	1.097681302
YMR122W-A	YMR122W-A	-1.032692462	-1.111839343	1.375447395	-1.529276528
PKR1	YMR123W	1.104247116	-2.086694159	-1.69516954	-1.230964874
YMR124W	YMR124W	1.016385059	-1.659845443	1.551633631	1.069740568
STO1	YMR125W	-1.000143601	-2.070396905	-2.199078968	1.062153331
YMR126C	YMR126C	1.107083039	-1.612062999	-1.646015184	1.021061327
SAS2	YMR127C	-1.269405737	-4.935838639	-4.179023635	-1.181098522

ECM16	YMR128W	1.16385373	-12.93042839	-16.48395047	1.274818589
POM152	YMR129W	1.024347134	-1.80193765	-1.627074623	-1.107470809
YMR130W	YMR130W	-1.037440949	-1.81976597	-1.70926558	-1.064647876
RRB1	YMR131C	-1.139951503	-22.56550675	-25.85281102	1.145678282
YMR132C	YMR132C	-1.316987819	-1.834471172	-1.567023559	-1.170672362
YMR134W	YMR134W	-1.172298582	-1.250076348	-1.09942323	-1.13702923
DCR1	YMR135C	-1.071488428	2.511396496	3.014250916	-1.200229004
GAT2	YMR136W	1.254778761	3.957181628	2.723902577	1.452761807
PSO2	YMR137C	-1.186222083	-1.414909458	2.017495543	-1.425883142
CIN4	YMR138W	1.028290633	-3.343977352	-3.170780448	-1.054622799
RIM11	YMR139W	1.060532615	2.668879119	2.346971341	1.137158802
YMR140W	YMR140W	1.146518705	2.348005347	1.923229815	1.220865717
YMR141C	YMR141C	-1.028171906	-1.481548491	-1.030583172	-1.437582653
RPL13B	YMR142C	-1.400689544	-10.06326998	-6.605156369	-1.523547576
RPS16A	YMR143W	1.222032571	-5.171278038	-5.014282599	-1.031309651
YMR144W	YMR144W	-1.099009192	-1.568699897	-1.799362393	1.14704055
NDE1	YMR145C	1.397357156	-1.453299732	-1.000572651	1.454131967
TIF34	YMR146C	-1.171437153	-3.912720948	-3.811034322	-1.02668216
YMR147W	YMR147W	1.181499748	-1.154995391	-1.16754737	1.348511832
YMR148W	YMR148W	1.122920436	-1.325786533	1.314282058	1.00875343
SWP1	YMR149W	1.029035355	-1.319171283	-1.125747701	-1.171817878
IMP1	YMR150C	-1.153101015	-1.049918706	1.115639902	-1.171331202
YIM1	YMR152W	1.146989604	2.676895882	2.305465465	1.161108645
YMR153C-A	YMR153C-A	-1.05832108	2.21797455	2.578139118	-1.162384446
NUP53	YMR153W	-1.20196119	-1.191387357	1.040138817	-1.239208236
RIM13	YMR154C	-1.054949972	-1.523943957	1.873143118	-1.229141734
YMR155W	YMR155W	1.124334523	-1.796004144	1.329599019	1.350786304
TPP1	YMR156C	1.210017051	-1.321551876	-1.06677572	1.409799454
YMR157C	YMR157C	-1.093763095	-1.0377766	1.240388712	-1.195236733
YMR158C-B	YMR158C-B	-1.013550013	-1.30313059	1.418129129	-1.088247901
YMR158W	YMR158W	-1.046134234	-1.048956965	1.018045366	1.030363675
YMR160W	YMR160W	-1.060727772	2.881386568	2.673428004	1.077787233
HLJ1	YMR161W	1.075897282	-1.516383838	1.625793701	-1.072151826
DNF3	YMR162C	1.004051376	-1.161551501	1.153631841	1.006864982
YMR163C	YMR163C	1.116444005	-1.081172719	-1.187247297	1.098110668
MSS11	YMR164C	-1.161132921	-1.193002895	1.226737139	-1.028276749
SMP2	YMR165C	-1.001330247	2.17595818	2.319881735	-1.066142611
YMR166C	YMR166C	-1.048463586	-1.365733556	1.410102618	-1.032487348
MLH1	YMR167W	-1.041721423	-1.271678774	1.395247811	-1.097170008
CEP3	YMR168C	1.048706492	-1.323184637	1.116856892	1.184739645
ALD3	YMR169C	-1.066192198	67.23278785	98.85213696	-1.470296563
ALD2	YMR170C	1.122475176	3.903042869	3.819176578	1.02195926
YMR171C	YMR171C	1.092135533	-1.318323435	-1.038268663	1.368773909
HOT1	YMR172W	1.109506335	-1.328460712	-1.398451981	1.052685991
DDR48	YMR173W	-1.209252337	2.129458753	3.344537274	-1.570604395
YMR173W-A	YMR173W-A	-1.11569184	2.485467238	3.453351078	-1.38941726
PAI3	YMR174C	1.128030034	5.926495995	5.522353781	1.073182963
ECM5	YMR176W	-1.028276893	-1.075926025	-1.218265269	1.132294638
MMT1	YMR177W	-1.287461891	-32.67068912	-2.371660846	-13.77544735

YMR178W	YMR178W	-1.239518638	-1.138902803	-1.014644956	-1.122464362
SPT21	YMR179W	-1.211188142	-1.802136476	-1.390184647	-1.296328858
CTL1	YMR180C	-1.141648407	-1.202506697	1.254163317	-1.042957449
YMR181C	YMR181C	1.107796167	4.314841206	5.152259856	-1.194078671
SSO2	YMR183C	-1.028420983	-1.229409421	-1.347006943	1.09565367
YMR184W	YMR184W	-1.203992133	-1.646516258	2.745423647	-1.667413628
YMR185W	YMR185W	-1.072003832	-6.516675501	-5.624476164	-1.158627988
HSC82	YMR186W	-1.239938074	-1.866098284	4.438848529	-2.378678855
YMR187C	YMR187C	1.049681966	-1.831529707	-2.215704475	1.209756231
YMR188C	YMR188C	-1.150481231	-1.054363112	1.05026502	1.00390196
GCV2	YMR189W	1.214577164	2.319443456	1.349035552	1.719334566
SGS1	YMR190C	-1.043040931	-1.424708085	1.305991771	1.090901272
YMR191W	YMR191W	1.172089575	-1.895883622	1.976688043	-1.042620982
YMR192W	YMR192W	-1.125926001	-1.0001461	-1.240554303	1.240735547
YMR193C-A	YMR193C-A	1.431236422	-3.38709286	-2.455786292	-1.379229484
MRPL24	YMR193W	-1.287666442	-1.320819727	1.427531004	-1.080791704
YMR194C-A	YMR194C-A	1.106102745	-1.462404932	1.681141443	-1.149573149
RPL36A	YMR194W	-1.105350269	-15.15752638	-9.226729418	-1.642784316
ICY1	YMR195W	1.048340657	2.511075941	2.885647495	-1.149167753
YMR196W	YMR196W	-1.151110485	20.77728046	27.5163568	-1.324348336
VTI1	YMR197C	-1.152512255	2.69625453	2.338765244	1.152853856
CIK1	YMR198W	-1.224265692	-1.033093521	1.478276838	-1.430922571
CLN1	YMR199W	1.005884809	-2.434043676	-3.317935355	1.363137148
ROT1	YMR200W	-1.002909454	-1.510745312	1.434132289	1.053421169
RAD14	YMR201C	-1.254787058	-1.7968241	2.247700355	-1.250929546
ERG2	YMR202W	1.163887681	-2.654662749	-2.281442164	-1.163589764
TOM40	YMR203W	-1.046186827	-1.198712653	-1.126197772	-1.064389118
YMR204C	YMR204C	1.042314257	-1.339230634	-1.005586561	1.346712328
PFK2	YMR205C	1.117724485	-1.17504515	-1.158990382	-1.013852374
YMR206W	YMR206W	-1.379209857	3.709260453	5.43293371	-1.464694588
HFA1	YMR207C	-1.031810087	-1.505316791	-1.369537035	-1.099142814
ERG12	YMR208W	1.199200331	-1.076041665	-1.352282538	1.256719495
YMR209C	YMR209C	-1.006238965	-1.654799918	-1.80976107	1.093643437
YMR210W	YMR210W	1.087993234	-1.660483161	1.402223091	1.184179016
DML1	YMR211W	-1.180631223	-1.366110017	-1.286663313	-1.061746304
EFR3	YMR212C	1.174862643	-1.715606416	-1.875710416	1.093322104
CEF1	YMR213W	-1.074818119	-1.109834035	1.248720397	-1.12514156
SCJ1	YMR214W	-1.076366012	-1.671840616	2.074274448	-1.240713037
GAS3	YMR215W	1.20601211	-1.322434185	-1.698004309	1.283999104
SKY1	YMR216C	1.115879113	-1.143652475	1.100442913	1.03926561
GUA1	YMR217W	1.239278158	-10.07097348	-9.73012409	-1.035030323
TRS130	YMR218C	-1.027021328	-1.088577934	1.039595037	1.047117286
ESC1	YMR219W	-1.010416228	-1.476078101	1.367912557	1.079073435
ERG8	YMR220W	-1.150457185	-1.121385484	-1.00168086	-1.119503754
YMR221C	YMR221C	1.137218964	-1.839746012	-2.266793688	1.23212317
FSH2	YMR222C	1.039110277	-1.042094254	-1.092780747	1.048639068
UBP8	YMR223W	1.128877107	-1.622011315	-1.959264212	1.207922653
MRE11	YMR224C	-1.119597791	-1.018086443	-1.075164039	1.056063604
MRPL44	YMR225C	-1.096379734	-1.101340052	-1.22373127	1.111129363

YMR226C	YMR226C	-1.224554313	-1.123314559	1.247119872	-1.400907909
TAF7	YMR227C	-1.117189345	-1.35207041	-1.060200747	-1.275296602
MTF1	YMR228W	-1.248606018	-1.010008759	-1.027799893	1.038086894
RRP5	YMR229C	1.010728368	-44.56150514	-38.64483492	-1.153103778
RPS10B	YMR230W	1.108464907	-7.5154846	-4.58124639	-1.640489063
PEP5	YMR231W	-1.118904617	-1.031627468	-1.042476524	1.010516447
FUS2	YMR232W	1.054272849	-1.461530942	-1.015972133	1.484874708
TRI1	YMR233W	-1.218136146	-1.789953472	-1.414417397	-1.265505837
RNH1	YMR234W	-1.076286867	-1.607632067	-1.726974292	1.074234788
RNA1	YMR235C	-1.104896349	-1.926422359	-2.13356159	1.107525346
TAF9	YMR236W	-1.182228632	-1.258094679	1.157952957	-1.456814454
YMR237W	YMR237W	-1.023815083	-1.625755907	1.77873233	-1.094095566
DFG5	YMR238W	-1.048327941	-1.327007784	-1.29477079	-1.024897839
RNT1	YMR239C	-1.027835138	-12.82856192	-14.89046912	1.160727853
CUS1	YMR240C	-1.071653968	-1.361555054	-1.305049193	-1.043297878
YHM2	YMR241W	1.084095973	-4.471926821	-5.997600672	1.341166998
RPL20A	YMR242C	-1.199930876	-11.81467482	-8.391609949	-1.407915154
ZRC1	YMR243C	1.203062189	-2.54144886	-3.186114412	1.253660643
YMR244C-A	YMR244C-A	-1.043759091	-1.161395956	1.77246857	-1.526153558
FAA4	YMR246W	-1.029515066	-8.092410289	-7.564858913	-1.069737107
YMR247C	YMR247C	1.168400652	-1.376219319	-1.794395758	1.303858864
GAD1	YMR250W	1.075559467	26.9791912	25.35386094	1.064105829
YMR251W	YMR251W	1.411992713	-1.493458973	1.138179474	1.312147166
HOR7	YMR251W-A	1.377624937	8.76133146	9.373074833	-1.069823106
YMR252C	YMR252C	1.215120001	-1.402469992	1.455102872	-1.037528704
YMR253C	YMR253C	1.383787942	2.281056681	1.711230662	1.33299194
GFD1	YMR255W	-1.139884192	-1.101576651	1.179437397	-1.070681188
COX7	YMR256C	-1.104086916	-1.029562689	2.31097822	-2.244621182
PET111	YMR257C	1.224074523	-1.069502061	-1.123396929	1.20147533
YMR258C	YMR258C	1.113250188	2.21830593	2.54768671	-1.148483027
YMR259C	YMR259C	1.128645813	-16.23969434	-4.658567276	-3.485984723
TIF11	YMR260C	-1.122596603	-3.290292144	-2.41050596	-1.364979883
TPS3	YMR261C	1.206115842	4.304681447	3.929082438	1.095594586
YMR262W	YMR262W	-1.056191617	2.950638835	3.50043176	-1.186330133
SAP30	YMR263W	-1.269648106	-1.689028446	-1.286254087	-1.313137477
CUE1	YMR264W	-1.004046429	-1.138076812	1.000700553	1.137280087
YMR265C	YMR265C	-1.061840499	-1.160559272	1.378862068	-1.188101377
RSN1	YMR266W	1.310843927	-2.715097983	-3.682350703	1.356249655
PPA2	YMR267W	-1.111554025	-1.189931248	-1.045264683	1.243793109
PRP24	YMR268C	-1.071677437	-1.537394679	-1.542477975	1.003306435
YMR269W	YMR269W	-1.025517585	-5.952384806	-5.926020948	-1.00444883
RRN9	YMR270C	-1.083298124	-1.320856176	-1.237223342	-1.0675972
URA10	YMR271C	-1.02300307	2.807807633	2.535865605	1.107238344
SCS7	YMR272C	1.135717373	-1.154031302	-1.198208299	1.382769885
ZDS1	YMR273C	-1.0432093	-1.38628532	1.647466575	-1.188403679
RCE1	YMR274C	1.212379368	-1.422326879	-1.322700182	-1.075320696
BUL1	YMR275C	1.095636929	-1.360307145	1.229078938	1.106769552
DSK2	YMR276W	1.128119178	-1.344541804	1.161651128	1.157440277
FCP1	YMR277W	-1.056509029	-1.3216318	-1.38023167	1.044339028

YMR278W	YMR278W	-1.21480408	2.934864264	3.408282015	-1.161308227
CAT8	YMR280C	1.016905089	7.413713884	7.195131459	1.030379212
GPI12	YMR281W	1.19522608	-1.592408265	1.388483881	1.146868384
AEP2	YMR282C	-1.291591641	-1.454394289	-1.438003305	-1.011398432
RIT1	YMR283C	-1.126570399	-1.19842733	-1.252524967	1.045140524
YKU70	YMR284W	1.005677286	2.43652399	2.018613524	1.207028468
NGL2	YMR285C	-1.038854409	-1.642475989	-1.987235283	1.209902182
MRPL33	YMR286W	1.037231013	-1.498967141	-1.210914536	-1.237880211
MSU1	YMR287C	-1.001693947	-1.127291258	1.009185515	1.117030754
HSH155	YMR288W	-1.060727343	-1.411418648	-1.239331642	-1.138854686
YMR289W	YMR289W	-1.109516866	-1.007254559	1.087684585	-1.079850745
HAS1	YMR290C	-1.036391039	-16.40865554	-13.82487016	-1.186894007
YMR291W	YMR291W	-1.000157925	3.365042256	4.088057167	-1.214860574
GOT1	YMR292W	1.435307917	-1.720657234	-2.350844218	1.366247833
YMR293C	YMR293C	-1.071904996	-1.439886198	1.466979609	-1.018816356
JNM1	YMR294W	-1.11538071	-1.030028574	1.115687213	-1.149189708
YMR294W-A	YMR294W-A	-1.004555824	-1.123668176	1.234044588	-1.386656632
YMR295C	YMR295C	-1.049569999	-1.020938222	1.187055709	-1.211910544
LCB1	YMR296C	1.116208982	-1.351147586	-1.594229468	1.179907721
PRC1	YMR297W	-1.103303616	2.12438415	3.405885287	-1.603234183
YMR298W	YMR298W	1.002223274	-1.032309683	1.102062074	-1.13766935
YMR299C	YMR299C	-1.165229698	-1.172359004	-1.474638912	1.257839029
ADE4	YMR300C	1.020672899	-2.913694989	-2.758594179	-1.056224584
ATM1	YMR301C	1.063803659	-3.429701033	-3.889107917	1.133949543
PRP12	YMR302C	-1.203608748	2.100659363	2.1948741	-1.044850079
ADH2	YMR303C	1.072117658	-1.923586501	1.808214464	1.0638044
YMR304C-A	YMR304C-A	1.261308553	-13.89786891	-19.12727469	1.376273932
UBP15	YMR304W	1.002401104	2.539934161	2.338862366	1.085969913
SCW10	YMR305C	1.154690957	-11.89037081	-17.30930069	1.455741033
GAS1	YMR307W	-1.002262158	-3.511477772	-3.805908016	1.083847959
PSE1	YMR308C	1.093626718	-3.094587703	-4.01370468	1.297007894
NIP1	YMR309C	1.125398404	-5.629980795	-8.030533122	1.426387303
YMR310C	YMR310C	1.121829655	-5.346078104	-6.321695789	1.182492224
GLC8	YMR311C	-1.2479464	-1.495938706	2.307891846	-1.542771664
ELP6	YMR312W	1.379249457	-2.633530612	-3.771346333	1.432049552
YMR313C	YMR313C	1.041503144	-1.329530827	1.222425223	1.087617305
PRE5	YMR314W	-1.195018851	-1.119967184	1.205988975	-1.07680742
YMR315W	YMR315W	1.158328254	4.152067875	3.258779284	1.274117549
YMR316C-B	YMR316C-B	1.095341955	2.041561546	2.242115269	-1.098235453
DIA1	YMR316W	-1.022268177	2.020720621	2.5314503	-1.252746309
YMR317W	YMR317W	-1.114566187	-1.361204912	1.428746355	-1.944816557
ADH6	YMR318C	1.121877476	-1.573995357	-1.912135674	1.214829298
FET4	YMR319C	1.175595263	-2.750424815	-4.151972374	1.509574939
YMR320W	YMR320W	1.150545941	-1.779023983	-1.913677251	1.075689405
YMR321C	YMR321C	-1.081978872	-4.093363562	-4.203106657	1.026810004
YMR322C	YMR322C	1.04443156	2.314512015	2.39424015	-1.03444706
YMR325W	YMR325W	1.035088377	-1.227719026	1.488446789	-1.212367617
DOM34	YNL001W	-1.291771841	-2.514984136	-2.806000432	1.115712975
RLP7	YNL002C	-1.162051482	-22.97457865	-26.40840604	1.14946204

PET8	YNL003C	1.041589949	-1.194295776	1.131696017	1.055314994
HRB1	YNL004W	-1.077210432	-1.499277484	-1.328751382	-1.128335597
MRP7	YNL005C	-1.363280219	-1.126219516	1.346884366	-1.195934138
LST8	YNL006W	-1.134146179	5.006201202	9.252194682	-1.84814679
SIS1	YNL007C	-1.220296377	5.334136726	12.86631802	-2.412071284
ASI3	YNL008C	1.050125279	-1.031187411	1.008599144	-1.04005474
YNL010W	YNL010W	-1.033195819	-3.070740182	-2.967414594	-1.034820071
YNL011C	YNL011C	-1.094823854	-1.668447038	1.689457777	-1.012592992
SPO1	YNL012W	-1.115788136	2.035593402	3.045597343	-1.49617175
HEF3	YNL014W	1.395905556	3.593498798	2.248720203	1.598019529
PBI2	YNL015W	-1.316796213	4.064979039	8.888685796	-2.186649848
PUB1	YNL016W	1.084593958	-1.532564071	-2.213095457	1.444047592
YNL019C	YNL019C	1.029631224	2.216858962	2.625036067	-1.184124075
ARK1	YNL020C	-1.022094139	-1.313776233	-1.059598611	1.392075471
HDA1	YNL021W	1.008082448	-1.196564116	1.1034351	1.084399179
YNL022C	YNL022C	-1.072354434	-3.025369838	-3.151837451	1.041802364
FAP1	YNL023C	-1.133259757	-3.200552163	-2.834567076	-1.129114985
YNL024C	YNL024C	-1.059756136	-4.201647421	-4.245901771	1.010532619
SSN8	YNL025C	1.064155079	2.563372511	2.719906573	-1.061065671
YNL026W	YNL026W	1.098211	-1.890234155	1.473705004	1.282640793
CRZ1	YNL027W	-1.238724012	-1.035289009	1.183818833	-1.143467015
KTR5	YNL029C	1.021655326	-1.400638245	-1.683973657	1.202290215
HHF2	YNL030W	-1.390123319	-2.405844181	-1.422161018	-1.69168199
HHT2	YNL031C	-1.107924026	-1.301876499	-1.105771739	-1.177346511
SIW14	YNL032W	-1.184537895	-1.355336962	-1.184545155	-1.14418345
YNL033W	YNL033W	1.100770017	2.476872325	2.719368697	-1.097904267
YNL035C	YNL035C	1.088480409	-1.560247367	-1.452698613	-1.07403377
NCE103	YNL036W	-1.322661298	3.353194039	5.813191866	-1.733628236
IDH1	YNL037C	-1.012660215	2.604026711	2.353514703	1.106441658
GPI15	YNL038W	-1.082463913	-2.550935753	-1.932985978	-1.319686631
BDP1	YNL039W	1.046903987	-1.10483097	1.033992028	1.068510144
YNL040W	YNL040W	1.057325526	-1.536993028	1.136300134	1.352629452
COG6	YNL041C	-1.087288387	-1.192530588	-1.311031523	1.099369304
BOP3	YNL042W	-1.146143408	-1.182470352	1.364052809	-1.153561953
YNL043C	YNL043C	1.087578644	-1.263161074	1.007460023	-1.272584284
YIP3	YNL044W	1.339077392	-1.209376665	-1.248732265	1.032542053
YNL045W	YNL045W	1.199124847	2.119899843	2.06980481	1.024202782
YNL046W	YNL046W	1.189264397	-1.008443749	-1.093311748	1.084157395
YNL047C	YNL047C	-1.040410544	-1.279834995	-1.084653264	-1.179948503
ALG11	YNL048W	1.095296084	-1.300337344	-1.520322225	1.169175238
SFB2	YNL049C	1.137510835	-1.181548606	-1.174332788	-1.006144612
YNL050C	YNL050C	-1.137475794	-1.950874266	-1.822199928	-1.07061483
COG5	YNL051W	-1.225069997	-1.216187324	1.317800563	-1.083550648
COX5A	YNL052W	1.105462337	-1.213702473	1.354535079	-1.116035527
MSG5	YNL053W	-1.104262011	-1.899292269	-2.354129615	1.239477279
VAC7	YNL054W	-1.025239235	-1.278081785	1.369794483	-1.071758082
POR1	YNL055C	1.048764677	2.760647223	3.405347549	-1.233532311
YNL056W	YNL056W	-1.211775543	-1.44238764	-1.34328935	-1.073772854
YNL057W	YNL057W	1.106531742	-1.113497265	-1.21657413	1.092570379

YNL058C	YNL058C	1.108953163	2.172631636	2.005540337	1.083314853
ARP5	YNL059C	-1.068800819	-1.210714241	-1.166166437	-1.038200212
NOP2	YNL061W	1.023241473	-31.61268819	-25.18007805	-1.255464264
GCD10	YNL062C	1.012290014	-16.80899284	-18.27537772	1.087238116
YNL063W	YNL063W	-1.110548746	-1.689091936	2.177093276	-1.288913427
YDJ1	YNL064C	-1.181421845	2.282385728	2.998350611	-1.313691447
AQR1	YNL065W	1.075520737	-4.214400873	-7.817803213	1.855021258
SUN4	YNL066W	1.755434635	-3.7019986	-4.051831343	1.094498345
RPL9B	YNL067W	-1.221212163	-9.175282537	-6.673850587	-1.374810901
FKH2	YNL068C	-1.079125831	-1.342464482	-1.424536342	1.061135219
RPL16B	YNL069C	1.141563409	-6.669875108	-6.266152632	-1.064429084
TOM7	YNL070W	1.44570876	-1.506203797	-1.471829239	-1.023354991
LAT1	YNL071W	-1.023371104	-1.191611697	1.212876207	-1.017845167
RNH35	YNL072W	-1.307425225	-3.520894039	-2.653440181	-1.326916681
MSK1	YNL073W	-1.100667052	-1.160348343	1.343141018	-1.157532585
MLF3	YNL074C	1.148495084	2.35856444	2.375564842	-1.007207945
IMP4	YNL075W	-1.069913868	-16.3833501	-15.24999365	-1.074318487
MKS1	YNL076W	-1.02869377	-1.205597581	1.121752379	1.074744839
YNL077W	YNL077W	1.17495213	5.116500478	8.503598148	-1.661994987
NIS1	YNL078W	-1.040915068	-1.080803496	-1.413371735	1.307704629
TPM1	YNL079C	-1.182929126	-1.015441188	1.25897078	-1.239826388
YNL080C	YNL080C	1.184793065	-1.025070814	-1.116875562	1.089559421
YNL081C	YNL081C	-1.280349959	-1.017955117	1.294789537	-1.271951498
PMS1	YNL082W	1.001346455	-1.439542035	-1.760741229	1.223125957
YNL083W	YNL083W	-1.021600843	-1.119395264	1.358918393	-1.213975471
END3	YNL084C	-1.123263681	-1.251416298	1.087191433	1.15105423
MKT1	YNL085W	1.141015801	-1.388201812	-1.863174308	1.342149458
YNL086W	YNL086W	-1.036402423	-1.138607159	-1.097695109	-1.03727087
YNL087W	YNL087W	1.099687791	-3.734875824	-3.451723193	-1.082032253
TOP2	YNL088W	1.044461112	-1.45922241	-1.533668804	1.051017853
RHO2	YNL090W	-1.044387688	-1.488566586	-1.438599668	-1.034733025
NST1	YNL091W	1.249047565	-1.250272369	1.014162364	1.232812825
YNL092W	YNL092W	1.171252865	5.107519664	3.52384477	1.449416759
YPT53	YNL093W	-1.098702974	6.800932486	7.489945225	-1.10131151
APP1	YNL094W	1.081380181	-1.259660678	1.138286945	1.106628415
YNL095C	YNL095C	1.156901252	-1.493803614	-2.093947704	1.401755682
RPS7B	YNL096C	-1.140916706	-8.943308489	-8.395857052	-1.06520495
PHO23	YNL097C	-1.04776781	-1.048831647	1.316216809	-1.380489844
RAS2	YNL098C	-1.001686935	-1.830516413	2.273348116	-1.241916271
OCA1	YNL099C	-1.417845443	-1.667937381	-1.088988258	-1.531639455
YNL100W	YNL100W	-1.120929512	-1.892593477	2.035007895	-1.075248287
YNL101W	YNL101W	1.306189698	-1.288681068	-1.167668473	1.504752255
POL1	YNL102W	-1.106341636	-4.157551568	-3.229152314	-1.287505562
MET4	YNL103W	-1.074380795	-1.14914235	-1.034940365	-1.110346441
LEU4	YNL104C	1.105955228	-1.020725206	1.09903044	-1.121808072
INP52	YNL106C	1.060139322	-1.164671779	1.198054582	-1.028662842
YAF9	YNL107W	-1.093519848	-1.036288752	-1.16360792	1.122860706
YNL108C	YNL108C	-1.064568138	-1.782719192	-1.39146826	-1.281178481
NOP15	YNL110C	-1.110680706	-23.60799433	-27.14962877	1.150018438

CYB5	YNL111C	-1.046137931	-7.592422457	-5.468392096	-1.388419544
DBP2	YNL112W	-1.006637232	-14.75138546	-11.44707825	-1.288659441
RPC19	YNL113W	-1.28867069	-9.617972792	-8.232316681	-1.168319096
YNL115C	YNL115C	1.046646103	2.780554815	2.575447734	1.079639388
YNL116W	YNL116W	1.044495704	-1.20989843	-1.046363697	-1.156288616
MLS1	YNL117W	-1.045703364	2.128915836	2.476564537	-1.163298471
DGP2	YNL118C	-1.01914244	-1.381963106	1.287593438	1.07329151
YNL119W	YNL119W	-1.15659947	-9.177847615	-9.409449418	1.025234871
TOM70	YNL121C	-1.180643321	-1.137969276	-1.412146941	1.240935912
YNL122C	YNL122C	-1.313026074	-1.134666875	1.620072264	-1.427795505
YNL123W	YNL123W	1.113823715	-1.793445922	-2.259322858	1.25976637
NAF1	YNL124W	1.066687479	-1.233761882	-1.262294818	1.023126777
ESBP6	YNL125C	1.268478331	4.725604399	4.364078915	1.082841188
SPC98	YNL126W	-1.033073125	-2.598109626	-2.448477655	-1.061112247
YNL127W	YNL127W	1.102449112	-1.893151889	1.538461357	1.230548873
TEP1	YNL128W	-1.094280694	-1.206455796	1.458127326	-1.208604021
YNL129W	YNL129W	-1.226477929	-1.119575956	1.03778398	-1.161877992
CPT1	YNL130C	1.152924164	-1.742708853	1.679397582	1.037698798
TOM22	YNL131W	1.18408025	-1.456128153	-1.611839366	1.106935103
KRE33	YNL132W	1.063858827	-39.62747808	-31.97434262	-1.239352394
FYV6	YNL133C	-1.212269692	-1.174721036	1.795261334	-1.528244817
YNL134C	YNL134C	1.306304453	-1.839959996	2.2826995	-1.240624527
FPR1	YNL135C	1.14056652	-1.231677748	1.178080674	-1.451015751
YNL136W	YNL136W	-1.279273572	-1.16216061	1.435602302	-1.235287352
NAM9	YNL137C	-1.141439557	-1.093292961	-1.018044755	-1.073914438
SRV2	YNL138W	-1.174465726	-1.100584763	1.384419446	-1.257894433
RLR1	YNL139C	1.179426042	-1.104627051	-1.443773662	1.594831442
YNL140C	YNL140C	1.057814983	-1.048353428	-1.126741553	1.074772613
AAH1	YNL141W	1.067244808	-61.70129183	-55.17838057	-1.118214982
MEP2	YNL142W	1.211443812	-1.005570311	-1.231909068	1.225084963
YNL144C	YNL144C	1.044163023	-1.896834759	2.125178902	-1.120381673
MFA2	YNL145W	1.387442851	-1.543466077	-1.873347807	1.213727878
LSM7	YNL147W	-1.194586331	-1.721617176	-1.254059089	-1.37283577
ALF1	YNL148C	1.10391334	-2.086976696	-2.229451897	1.068268707
YNL149C	YNL149C	-1.162309133	-2.165880046	-1.688288755	-1.282884839
YNL150W	YNL150W	-1.119103119	-1.784975967	-1.284580437	-1.389540053
RPC31	YNL151C	-1.035767792	-7.135057606	-9.090182625	1.274016711
YNL152W	YNL152W	1.117940687	-1.406379607	-1.49186897	1.060786834
GIM3	YNL153C	-1.272170061	-2.018848039	-1.610289137	-1.253717729
YCK2	YNL154C	-1.108417968	-1.203180338	-1.130490728	-1.064299165
YNL155W	YNL155W	-1.210836835	-1.939951065	2.397462444	-1.235836556
YNL156C	YNL156C	1.02343154	2.238852086	1.902384766	1.176866072
YNL157W	YNL157W	-1.018138495	-1.068541671	1.082032656	-1.012625606
YNL158W	YNL158W	-1.207520693	-1.171054487	-1.017962618	-1.150390463
ASI2	YNL159C	1.032915412	2.093465105	2.116836565	-1.011164008
YGP1	YNL160W	-1.005229312	12.06361329	12.88017208	-1.067687746
CBK1	YNL161W	1.065071703	-1.007451256	-1.069783464	1.06187119
RPL42A	YNL162W	-1.097914953	-11.75311288	-8.92626121	-1.316689328
RIA1	YNL163C	1.000064673	-2.928054273	-2.927092026	-1.000328738

IBD2	YNL164C	-1.376311507	-3.334794246	-2.323755914	-1.435088008
YNL165W	YNL165W	-1.057849365	-1.310593998	-1.372307913	1.047088507
BNI5	YNL166C	-1.112532004	-1.586637993	-1.683090385	1.060790421
SKO1	YNL167C	-1.066292508	-1.550178049	1.979817116	-1.277154659
YNL168C	YNL168C	1.049124109	-1.246191486	1.27470579	-1.022881158
PSD1	YNL169C	1.070022525	-1.094192762	1.07553669	1.017345826
APC1	YNL172W	1.081507004	-1.193996629	1.12343636	1.062807535
MDG1	YNL173C	-1.038693277	2.989252097	3.600707613	-1.204551338
NOP13	YNL175C	-1.133432222	-39.02935012	-35.21359985	-1.10836013
YNL176C	YNL176C	1.254210975	-1.235032334	-1.046042368	1.291896148
YNL177C	YNL177C	-1.335265541	-1.088950032	1.350225436	-1.239933326
RPS3	YNL178W	-1.448451129	-9.430640107	-5.49786429	-1.715327918
YNL179C	YNL179C	1.551752121	-1.017753006	-1.311449514	1.288573463
RHO5	YNL180C	-1.098369714	-1.168408708	-1.147857138	-1.017904292
YNL181W	YNL181W	-1.209154782	-1.327820909	-1.149001616	-1.15563015
YNL182C	YNL182C	-1.196577462	-21.84588751	-23.5201918	1.076641624
NPR1	YNL183C	1.184439873	-1.537399805	1.312038814	1.171763966
MRPL19	YNL185C	1.058938013	-1.003646302	1.031086259	-1.027340266
UBP10	YNL186W	1.052089949	-3.915886273	-4.021155832	1.026882691
YNL187W	YNL187W	1.275938178	-1.55180505	1.070263689	1.449927776
KAR1	YNL188W	-1.17357517	-1.684452921	-1.587320013	-1.061193022
SRP1	YNL189W	1.204681336	-1.264256373	-1.479080827	1.169921592
YNL190W	YNL190W	1.106002646	-1.817176362	-1.992677959	1.096579286
YNL191W	YNL191W	-1.240195149	-1.831615331	-1.326546724	-1.380739403
CHS1	YNL192W	1.140785133	-1.492162447	1.312270792	1.137084248
YNL193W	YNL193W	-1.208467783	-1.4354627	1.6491242	-1.148845038
YNL194C	YNL194C	1.1333767	37.96212591	40.97873411	-1.079463627
YNL195C	YNL195C	-1.004847262	13.79550559	15.31308644	-1.110005453
WHI3	YNL197C	1.298432763	-1.340940084	-1.031986497	1.38383206
GCR2	YNL199C	-1.117262365	-1.194064023	-1.110749611	-1.075007375
YNL200C	YNL200C	1.291378453	7.216469041	5.328109127	1.354414647
PSY2	YNL201C	-1.042784958	-1.413702808	-1.220675801	-1.158131264
SPS19	YNL202W	1.019244759	2.997277671	3.193981975	-1.065627655
YNL203C	YNL203C	1.333923639	-1.471948759	-1.515237691	1.029409265
SPS18	YNL204C	1.037184213	-1.931816153	-1.95304087	1.010986924
YNL205C	YNL205C	1.134435429	-1.195012168	-1.22323612	1.02361813
RTT106	YNL206C	-1.033628941	-1.574517683	-1.709317923	1.085613672
RIO2	YNL207W	-1.037243908	-4.708232868	-5.663078095	1.202803314
YNL208W	YNL208W	-1.104338673	-1.702080007	2.212738588	-1.300020317
SSB2	YNL209W	-1.130215224	-18.78192633	-16.70425113	-1.124380027
YNL211C	YNL211C	1.049809754	-2.09032768	-2.195504463	1.050315932
VID27	YNL212W	-1.075194266	-1.083899648	-1.134575557	1.046753322
YNL213C	YNL213C	-1.28359101	-1.510926784	-1.234136629	-1.224278373
PEX17	YNL214W	-1.16430921	-1.285287506	1.169472846	1.099031509
IES2	YNL215W	-1.141105445	-1.133414958	1.50118226	-1.324477191
RAP1	YNL216W	1.035662033	-1.768198169	-1.591481293	-1.111039241
YNL217W	YNL217W	-1.304434161	-4.166166692	-3.533462058	-1.179060826
MGS1	YNL218W	-1.051146572	-1.819246978	-1.599260925	-1.137554823
ALG9	YNL219C	1.201564653	-1.335133653	-1.682572887	1.260228055

ADE12	YNL220W	-1.062351508	-2.329334254	-2.266103787	-1.027902723
POP1	YNL221C	-1.026622474	-2.558073748	-2.39513083	-1.068030905
SSU72	YNL222W	-1.065927232	-1.536636086	-1.594564528	1.037698218
AUT2	YNL223W	-1.33924642	-1.648809273	2.359172332	-1.430833979
YNL224C	YNL224C	1.009042099	-1.405327035	1.146944421	1.225279104
CNM67	YNL225C	-1.192316228	-1.039077147	1.001002469	1.038036548
YNL227C	YNL227C	-1.439072925	-4.529259014	-2.770725737	-1.634683272
URE2	YNL229C	-1.191190029	-1.394891049	-1.215986307	-1.147127266
ELA1	YNL230C	-1.002229327	-1.182596653	1.222851472	-1.034039348
PDR16	YNL231C	-1.260035172	-1.438001522	-1.285232744	-1.118864679
CSL4	YNL232W	-1.133963947	-2.388005141	-2.575216919	1.078396723
BNI4	YNL233W	-1.013135051	-1.341716504	-1.344554676	1.002115329
YNL234W	YNL234W	1.036883592	-1.245820636	-1.042687497	-1.194816893
SIN4	YNL236W	-1.015223391	-1.103534768	-1.103094233	-1.000399363
YTP1	YNL237W	-1.08144161	5.707165873	5.400091916	1.05686458
KEX2	YNL238W	1.065282582	-1.18772473	1.024364309	-1.216662823
LAP3	YNL239W	1.224220464	-1.574046552	1.474333602	1.067632556
NAR1	YNL240C	1.015765317	-2.3161189	-1.981764252	-1.168715651
ZWF1	YNL241C	1.330176515	2.379234146	1.972486077	1.20621087
APG2	YNL242W	1.008158697	2.626171853	3.092709124	-1.177649178
SLA2	YNL243W	-1.066287741	-1.219465287	1.331101121	-1.091544905
SUI1	YNL244C	-1.034635154	-2.715448093	-1.948392519	-1.393686368
CWC25	YNL245C	1.044899115	-1.076951316	1.101111322	-1.022433703
VPS75	YNL246W	1.088443541	-1.091817013	-1.318259997	1.439298692
YNL247W	YNL247W	-1.038499013	-4.941138168	-5.12450419	1.037110078
RPA49	YNL248C	-1.148522957	-32.25704308	-48.14226305	1.492457412
MPA43	YNL249C	-1.019215298	-1.321139554	-1.229357271	-1.074658755
RAD50	YNL250W	-1.042096148	-1.646315599	1.640096709	1.003791783
NRD1	YNL251C	1.195938218	-3.219947209	-3.858285114	1.198244836
MRPL17	YNL252C	-1.164629462	-1.299422782	1.284334933	1.011747597
YNL253W	YNL253W	-1.155279688	-1.591423718	-1.308312097	-1.21639456
YNL254C	YNL254C	1.01817352	-2.463195149	-1.832289623	-1.34432631
GIS2	YNL255C	-1.181122316	-6.10974242	-3.898044511	-1.56738652
FOL1	YNL256W	1.057389838	-3.607692682	-4.187687339	1.160766092
SIP3	YNL257C	-1.097334251	-1.274655798	-1.366723565	1.072229512
DSL1	YNL258C	-1.043825665	-1.016918207	-1.187753527	1.207848186
ATX1	YNL259C	-1.141678099	-1.913375656	-1.290875423	-1.482231067
YNL260C	YNL260C	-1.16743664	-1.188984016	1.258403545	-1.058385587
ORC5	YNL261W	1.103645585	-1.528626827	-2.091096486	1.367957469
POL2	YNL262W	-1.028932581	-2.474519495	-1.975868975	-1.252370236
YIF1	YNL263C	1.278098866	-1.045623295	-1.050162829	1.098074718
PDR17	YNL264C	-1.156301748	-1.219354378	1.192283504	1.022705065
IST1	YNL265C	-1.249522022	-1.599737994	1.863852007	-1.165098294
PIK1	YNL267W	-1.009660949	-1.173358226	1.093526859	1.073003572
LYP1	YNL268W	1.318815319	-1.149049122	-1.742931207	1.516846558
ALP1	YNL270C	1.081070356	-1.096450182	1.074671616	1.020265322
BNI1	YNL271C	1.082811154	-1.07764176	1.040846487	1.035351297
SEC2	YNL272C	-1.046767188	-1.196910834	-1.255860469	1.049251484
TOF1	YNL273W	-1.022300096	-2.059855069	-1.801342844	-1.14351084

YNL274C	YNL274C	-1.151146766	18.40801074	21.72550051	-1.180219896
YNL275W	YNL275W	1.229985935	-1.840451966	-2.006182787	1.090048979
YNL276C	YNL276C	1.045911082	-1.754590303	-1.2721359	-1.379247535
MET2	YNL277W	-1.21673696	-1.780938383	-1.63997242	-1.085956301
CAF120	YNL278W	1.103964189	-1.28337693	-1.423961433	1.109542645
PRM1	YNL279W	1.280427383	-2.946608342	-4.783291116	1.623320972
ERG24	YNL280C	-1.021699357	-2.055742055	-2.488086303	1.210310552
HCH1	YNL281W	-1.124736455	3.993993085	4.283936199	-1.072594796
POP3	YNL282W	1.028842167	-1.95256561	-2.199971182	1.126707943
WSC2	YNL283C	1.241041345	-1.034994758	-1.322750516	1.278026295
MRPL10	YNL284C	-1.249717293	-1.037668136	1.182016406	-1.139108319
YNL285W	YNL285W	-1.085506234	-1.322205638	1.98981592	-1.504921672
CUS2	YNL286W	-1.064038783	-1.060186996	1.232193706	-1.16224186
SEC21	YNL287W	1.093669265	-1.014787808	-1.127313002	1.14398349
CAF40	YNL288W	1.343844341	-1.029160583	1.033581724	-1.06372157
PCL1	YNL289W	-1.237604379	-2.227103898	-3.121072797	1.401404218
RFC3	YNL290W	-1.017395231	-1.195620476	-1.197584918	1.001643031
MID1	YNL291C	1.22385004	-1.438399563	-1.904055873	1.323732238
PUS4	YNL292W	-1.110011078	-3.985989121	-3.813891265	-1.045123955
MSB3	YNL293W	1.004847362	2.669664841	2.58955999	1.030933769
RIM21	YNL294C	-1.023006869	-1.811224359	1.8325245	-1.011760079
YNL295W	YNL295W	1.006027514	-1.188787021	1.305382727	-1.098079558
MON2	YNL297C	1.111539994	-1.13160878	-1.011135776	1.144210121
CLA4	YNL298W	1.192740591	-1.143091657	-1.387872902	1.214139648
TRF5	YNL299W	1.070972252	-7.477236846	-7.890113835	1.055217856
YNL300W	YNL300W	1.194567728	-5.1232896	-5.16530208	1.008200294
RPL18B	YNL301C	1.195570587	-5.289189955	-8.278766116	1.565223822
RPS19B	YNL302C	-1.242342778	-10.86559848	-6.357274215	-1.709159951
YNL303W	YNL303W	-1.09633169	-1.040080051	1.339250735	-1.287641978
YPT11	YNL304W	-1.121676575	-1.123334114	1.338037032	-1.191130061
YNL305C	YNL305C	1.280692424	4.691419621	4.592377228	1.021566694
MRPS18	YNL306W	-1.195428672	-1.189263593	-1.003743351	-1.184828364
MCK1	YNL307C	1.237741641	-1.1351404	-1.539654003	1.356355569
KRI1	YNL308C	-1.166518776	-8.756084043	-7.719466835	-1.134286114
STB1	YNL309W	-1.012541964	-1.557529313	-1.471142921	-1.058720597
YNL310C	YNL310C	-1.439444859	-1.092420028	1.77705042	-1.62670985
YNL311C	YNL311C	-1.140178325	-1.804543037	-1.839143321	1.019173987
RFA2	YNL312W	-1.065072009	-1.376664444	-1.21631462	-1.131832522
YNL313C	YNL313C	1.181375657	-7.669641937	-8.178969013	1.066408195
DAL82	YNL314W	-1.376497687	-1.065764477	1.669207048	-1.566206309
ATP11	YNL315C	-1.4395053	-1.129156465	1.064639714	-1.202144816
PHA2	YNL316C	1.155321495	-1.39127044	-1.231370821	-1.129854968
PFS2	YNL317W	-1.018418227	-1.232887101	1.096621143	1.124259831
YNL320W	YNL320W	1.165699617	-1.768381338	1.3690288	1.291704994
YNL321W	YNL321W	1.261128138	-1.770989644	1.288319848	1.374650593
KRE1	YNL322C	1.03864209	-1.686454473	2.178559942	-1.291798846
LEM3	YNL323W	-1.175006019	-1.327291075	-1.286372944	-1.031808917
FIG4	YNL325C	-1.06809759	-1.112297858	-1.06069736	1.179811401
YNL326C	YNL326C	1.002878056	-1.085402266	-1.148311499	1.057959371

EGT2	YNL327W	1.10991084	-1.060311831	-1.321179611	1.246029303
PEX6	YNL329C	1.104121504	-1.138907222	-1.050821446	1.196788133
RPD3	YNL330C	-1.135009334	-1.286505393	1.332187619	-1.035508771
AAD14	YNL331C	-1.116605192	-1.090329571	1.274090296	-1.168536862
THI12	YNL332W	1.138799402	-1.025710681	1.695601936	-1.739197016
SNZ2	YNL333W	-1.501236052	-1.88935161	-1.095806278	-1.724165711
SNO2	YNL334C	-1.60158461	-1.077884591	1.601215768	-1.725925803
COS1	YNL336W	1.159792115	-1.802918656	1.357660725	1.327959646
YNL337W	YNL337W	1.171776628	-1.328692946	-1.468174404	1.104976442
YRF1-6	YNL339C	-1.049734237	-1.092625113	1.172981227	-1.281628746
CIT1	YNR001C	1.159549047	7.221187192	6.169516814	1.170462357
FUN34	YNR002C	1.050334235	8.265829667	8.212948113	1.006438803
RPC34	YNR003C	-1.078674445	-5.077827506	-4.438927849	-1.143931075
YNR004W	YNR004W	-1.262135276	-1.406396231	1.137719548	-1.600084485
VPS27	YNR006W	-1.265296609	-1.393682023	1.599977347	-1.148021802
AUT1	YNR007C	-1.21651779	-1.962517428	2.352946075	-1.198942767
LRO1	YNR008W	1.340883943	-1.529509958	-1.018032649	1.557091075
YNR009W	YNR009W	-1.003570092	-2.250518047	-2.337959466	1.038853908
CSE2	YNR010W	-1.135161633	-1.390492794	1.540245642	-1.10769768
PRP2	YNR011C	-1.00995969	-1.021613137	1.12521386	-1.149533261
URK1	YNR012W	-1.072185869	-15.13132871	-12.56907661	-1.203853646
PHO91	YNR013C	1.193788552	-1.022527211	-1.443559521	1.411756583
YNR014W	YNR014W	1.102223074	5.862892524	6.259093978	-1.067577813
SMM1	YNR015W	1.0368979	-2.846613308	-3.525308698	1.238422054
ACC1	YNR016C	1.12974137	-2.264403769	-2.343945749	1.035127119
MAS6	YNR017W	1.149570241	-1.374216692	-2.084032856	1.516524191
YNR018W	YNR018W	-1.179835352	-1.539992959	-1.061004048	-1.451448712
ARE2	YNR019W	1.199197064	3.524289469	4.619901993	-1.310874726
YNR020C	YNR020C	1.029230434	-1.577524407	-1.525257065	-1.03426789
YNR021W	YNR021W	1.22020889	-1.676158616	-2.688541616	1.603989975
YNR022C	YNR022C	-1.148324759	-1.241843403	1.229399455	-1.526721603
SNF12	YNR023W	-1.011711514	-1.030063138	-1.000366936	-1.029685309
YNR024W	YNR024W	-1.162672744	-3.939365845	-3.000708987	-1.312811692
SEC12	YNR026C	-1.247495102	-1.250587204	1.028369421	-1.286065639
BUD17	YNR027W	-1.10544491	-1.778196081	-1.613315744	-1.10219967
CPR8	YNR028W	1.013213906	-1.07193751	-1.286626558	1.200281309
YNR029C	YNR029C	1.030851952	-1.555052639	-1.811790799	1.165099337
ECM39	YNR030W	1.362510535	-1.511010681	-1.025462364	1.549484586
SSK2	YNR031C	1.015686572	-1.054567897	-1.000245082	1.054826353
HUB1	YNR032C-A	-1.04819654	-1.3978283	1.117889556	-1.562617657
PPG1	YNR032W	-1.08527908	-1.245449897	1.382358727	-1.109927207
ABZ1	YNR033W	-1.095896818	-1.699459027	1.825979704	-1.074447619
SOL1	YNR034W	1.089413169	3.957452831	3.467275245	1.141372562
YNR034W-A	YNR034W-A	-1.304742396	52.37317699	65.00652833	-1.241217968
ARC35	YNR035C	1.080134041	-1.902098631	1.824125929	1.042745241
YNR036C	YNR036C	-1.212394788	-1.059800344	1.848222106	-1.743934239
RSM19	YNR037C	-1.217532541	-1.150226262	1.606696568	-1.848064588
DBP6	YNR038W	1.017843903	-5.88598648	-6.828912644	1.160198493
ZRG17	YNR039C	1.194705384	-1.086506314	-1.301614229	1.414212078

YNR040W	YNR040W	-1.255607775	-1.069130727	1.07338778	-1.003981789
COQ2	YNR041C	1.258426202	-1.043944827	-1.291455214	1.237091444
YNR042W	YNR042W	-1.102737061	-1.973666609	-1.249104943	-1.580064686
MVD1	YNR043W	1.010562923	-2.226427462	-2.172377157	-1.024880719
AGA1	YNR044W	1.396636242	-4.74145528	-5.759860668	1.214787513
PET494	YNR045W	1.003243848	-1.744860082	1.66871462	1.045631206
YNR046W	YNR046W	1.012896033	-3.428314596	-2.474407956	-1.385509041
YNR047W	YNR047W	1.147421261	2.186679604	1.977546248	1.105753965
YNR048W	YNR048W	-1.03591483	-1.538492393	-1.649871659	1.072395071
MSO1	YNR049C	-1.275676858	-1.045276071	1.159627922	-1.212131317
LYS9	YNR050C	1.11685589	-2.327316308	-1.837573588	-1.266515976
BRE5	YNR051C	1.131515478	-1.610042699	-2.024075499	1.257156409
POP2	YNR052C	-1.027876345	-1.227307296	-1.532892555	1.248988383
NOG2	YNR053C	-1.030078598	-22.81961009	-17.52967103	-1.301770585
YNR054C	YNR054C	-1.055239267	-8.884787717	-14.46488162	1.628050335
HOL1	YNR055C	1.15839004	-1.091311449	-1.214338121	1.325221093
BIO5	YNR056C	1.010814956	-1.556285469	1.069598859	-1.664601163
BIO4	YNR057C	-1.067684585	-1.005442278	1.139790633	-1.133621152
BIO3	YNR058W	1.207705836	-1.456246138	1.348714643	1.079728871
MNT4	YNR059W	1.114141677	-1.125858554	-1.279295168	1.136284094
FRE4	YNR060W	1.43190366	-1.136780763	-1.327214712	1.167520384
YNR061C	YNR061C	1.436784761	-1.622755421	-2.415854724	1.48873619
YNR062C	YNR062C	1.469101734	-1.428651381	-1.390264929	-1.02761089
YSN1	YNR065C	1.100220483	-1.295219407	1.164447888	1.112303453
DSE4	YNR067C	1.286547231	-1.935581227	1.260332456	1.535770358
YNR068C	YNR068C	-1.365858481	3.883688614	5.163033994	-1.329415025
YNR071C	YNR071C	1.137557132	-1.228473533	-1.241455261	1.010567365
YNR073C	YNR073C	-1.293184921	-1.118986611	1.887515298	-1.686807759
YNR074C	YNR074C	-1.150230492	-1.526751011	-1.500727249	-1.017340768
COS10	YNR075W	1.15126564	-1.243584153	-1.916315092	1.54096133
PAU6	YNR076W	1.049662019	-1.262663329	-1.047035353	-1.205941447
YNR077C	YNR077C	1.435949304	-1.458273922	-1.411840636	-1.032888476
PHO80	YOL001W	1.124815549	-1.287940757	-1.551169691	1.204379691
YOL002C	YOL002C	1.357013552	-1.837390099	-2.432870484	1.324090342
YOL003C	YOL003C	1.075240953	-1.03795795	-1.513465149	1.570913183
SIN3	YOL004W	1.043945517	-1.370367853	1.121459054	1.221950858
RPB11	YOL005C	-1.097616317	-1.778040926	-1.258662575	-1.41264304
TOP1	YOL006C	-1.241248832	-1.3793508	-1.056659864	-1.30538771
YOL007C	YOL007C	1.093316139	-3.089984802	-4.458187214	1.44278613
YOL008W	YOL008W	1.022190577	-1.003545414	1.252738795	-1.248313009
MDM12	YOL009C	-1.153329453	-1.526993284	1.614837332	-1.057527462
RCL1	YOL010W	-1.170186131	-9.354836255	-9.973775153	1.066162451
PLB3	YOL011W	1.240616382	-1.111519042	-1.312986644	1.181254297
HTZ1	YOL012C	1.081517513	-1.566084895	-1.367002464	-1.145634288
HRD1	YOL013C	1.042825659	-1.905056417	1.788963998	1.064893659
YOL014W	YOL014W	1.125049003	-1.251903477	1.400811495	-1.118945287
CMK2	YOL016C	-1.244642621	3.101919856	4.089754881	-1.318459235
ESC8	YOL017W	-1.198117214	-2.320929509	-1.889169804	-1.228544678
TLG2	YOL018C	-1.335861357	-1.344603164	1.107970482	-1.489780616

YOL019W	YOL019W	1.192929187	-1.517398145	-2.165065199	1.426827366
TAT2	YOL020W	1.1642966	-1.277187922	-1.338840715	1.048272296
DIS3	YOL021C	-1.062633108	-2.302008456	-2.327718816	1.011168664
YOL022C	YOL022C	-1.311455514	-6.796971556	-5.970480816	-1.138429511
IFM1	YOL023W	-1.256485939	-1.415871686	1.585567998	-1.11985289
YOL024W	YOL024W	1.058843736	-1.760031257	-1.959225777	1.113176694
LAG2	YOL025W	1.07651362	-1.672997527	1.736704363	-1.038079456
YOL026C	YOL026C	-1.147754769	-1.196327452	1.459742522	-1.746330051
YOL027C	YOL027C	1.11086111	-2.032892643	-2.094168478	1.03014219
YAP7	YOL028C	1.026553827	-1.763921456	-2.05604093	1.165607983
YOL029C	YOL029C	1.042845896	-1.862135982	-1.900404645	1.02055095
GAS5	YOL030W	1.270867175	-1.131570114	-1.252015798	1.416743658
YOL031C	YOL031C	1.014313897	-1.950382432	1.605653885	1.214696673
YOL032W	YOL032W	-1.09511606	8.825839266	12.32397367	-1.396351473
MSE1	YOL033W	-1.075905845	-1.382408142	1.303001777	1.060941103
SMC5	YOL034W	-1.200671778	-1.362513892	-1.232531133	-1.10546002
YOL036W	YOL036W	-1.03542668	-1.608734145	1.845669769	-1.147280783
PRE6	YOL038W	-1.25702835	-1.320122962	1.736157898	-1.315148626
RPP2A	YOL039W	1.254960849	-4.178657207	-3.373202652	-1.238780363
RPS15	YOL040C	-1.027344189	-7.117437306	-4.945322888	-1.439226005
NOP12	YOL041C	-1.051662934	-15.37322604	-27.84682302	1.811384478
NGL1	YOL042W	1.198820122	-1.266011226	-1.148333242	-1.102477208
NTG2	YOL043C	-1.141545183	-1.188570468	1.233233215	-1.037576861
PEX15	YOL044W	-1.268975738	-1.238039864	1.126021887	-1.394059983
PSK2	YOL045W	-1.088506884	-1.293193195	-1.310592197	1.013454294
YOL047C	YOL047C	1.10161437	-1.854036362	1.477051815	1.255227707
YOL048C	YOL048C	1.094011417	2.668470866	2.389802527	1.116607266
GSH2	YOL049W	-1.407802224	-1.443143176	-1.089432819	-1.324673858
GAL11	YOL051W	1.190624984	-1.197684005	-1.123424378	1.345507409
SPE2	YOL052C	1.111578881	-1.666198433	-1.548563731	-1.075963746
DDR2	YOL052C-A	1.427018419	32.94788494	47.63508967	-1.44577079
YOL053W	YOL053W	-1.241529364	-1.809901887	2.132170901	-1.178058831
YOL054W	YOL054W	-1.124195133	-2.189283051	-2.042049032	-1.072101119
THI20	YOL055C	-1.174643257	-1.66857496	1.868501181	-1.119818543
GPM3	YOL056W	-1.241914917	-2.116511708	-1.716182293	-1.233267419
YOL057W	YOL057W	1.069840818	-1.09767316	1.131711142	-1.031009214
ARG1	YOL058W	1.132390376	-1.101553528	1.201738616	-1.323779412
GPD2	YOL059W	1.033790176	-1.032471324	1.054094837	-1.020943452
MAM3	YOL060C	1.224928085	2.076556468	1.622136728	1.280136521
PRS5	YOL061W	1.040924871	-3.031900526	-3.013416392	-1.006133946
APM4	YOL062C	-1.005814734	-1.237586129	-1.189741617	-1.040214205
MOR1	YOL063C	-1.018024976	-1.362674242	1.576798473	-1.157135304
MET22	YOL064C	1.078095514	-1.283579302	-1.574461437	1.226617969
INP54	YOL065C	-1.266251012	-1.37263235	1.480115396	-1.078304323
RIB2	YOL066C	1.016522139	-1.173258342	-1.022811404	1.200022012
RTG1	YOL067C	-1.54999543	-1.147494882	1.129252839	-1.295811853
HST1	YOL068C	-1.118503077	-1.042018589	-1.087122291	1.04328493
NUF2	YOL069W	-1.120247657	-1.200964323	1.072426807	1.11985668
YOL070C	YOL070C	-1.082356431	-1.054088676	-1.142305929	1.083690542

EMI5	YOL071W	-1.161319663	2.355257727	2.514140609	-1.067458809
THP1	YOL072W	-1.109874624	-1.247431133	1.337045458	-1.071839096
YOL073C	YOL073C	1.057640746	-1.910561057	1.678270014	1.138411007
YOL075C	YOL075C	1.02927415	-1.206504573	1.331212934	-1.103363356
MDM20	YOL076W	-1.345475729	-2.009791068	-1.605890115	-1.251512198
BRX1	YOL077C	-1.103469105	-85.03332069	-69.27533322	-1.227468952
ATP19	YOL077W-A	-1.046376413	-1.538942267	1.426914065	-2.195938365
AVO1	YOL078W	-1.215002092	-1.309970381	-1.015838751	-1.289545589
REX4	YOL080C	-1.04827203	-12.90213044	-14.58310335	1.130286462
IRA2	YOL081W	1.187886035	6.359612316	7.556510903	-1.188203074
CVT19	YOL082W	-1.443289264	2.482860177	3.379521553	-1.361140504
YOL083W	YOL083W	-1.209523365	3.242079872	3.14584368	1.030591537
PHM7	YOL084W	-1.6771451	48.1854367	49.81937674	-1.033909417
YOL086W-A	YOL086W-A	1.133792519	-1.13574648	1.284407557	-1.130892836
YOL087C	YOL087C	-1.001189135	2.368305056	2.142775251	1.105251265
MPD2	YOL088C	-1.15220938	-1.290178565	1.11889713	1.153080592
HAL9	YOL089C	1.043728186	-1.074979915	-1.134367946	1.219422758
MSH2	YOL090W	-1.048949675	-1.155173163	1.141456299	1.012016986
YOL092W	YOL092W	1.134343401	-5.267813902	-4.585115967	-1.148894366
YOL093W	YOL093W	-1.203105296	-4.451460108	-3.528858265	-1.261444856
RFC4	YOL094C	-1.05956622	-1.694753729	-1.631988851	-1.038459134
HMI1	YOL095C	-1.177638646	-1.270743395	-1.118158453	-1.136460929
COQ3	YOL096C	-1.046058599	2.763861925	2.603451221	1.061614638
WRS1	YOL097C	-1.03013913	-2.860095628	-3.002281747	1.049713764
YOL098C	YOL098C	1.212043302	-1.16416366	-1.707783454	1.46696166
PKH2	YOL100W	-1.17846605	-1.662015421	1.805179438	-1.086138801
YOL101C	YOL101C	1.100437532	-2.899345848	-2.789078791	-1.039535297
TPT1	YOL102C	-1.110084983	-1.934929795	-1.489720012	-1.298854671
ITR2	YOL103W	1.037681791	-1.870018268	-2.17174576	1.161350024
NDJ1	YOL104C	1.009831602	2.029642052	2.484886992	-1.224298141
WSC3	YOL105C	1.170732601	-1.044970548	1.311369083	-1.254934012
YOL106W	YOL106W	-1.074050784	-1.294338458	1.023231192	-1.324407484
YOL107W	YOL107W	1.09608644	-1.713740954	1.647725316	1.040064711
INO4	YOL108C	-1.30310075	-1.236614785	1.854529623	-1.499682557
YOL109W	YOL109W	-1.119576946	-1.47835978	-1.057793732	-1.397587956
SHR5	YOL110W	1.054548426	-1.35567198	1.409063905	-1.039384103
YOL111C	YOL111C	-1.112236153	-1.240272977	-1.025924528	-1.208931986
MSB4	YOL112W	-1.032479558	-1.441206489	-1.537676257	1.066936812
SKM1	YOL113W	-1.213288072	-1.460902517	1.725669062	-1.181234916
YOL114C	YOL114C	-1.157671039	-1.024327138	1.042515584	-1.067877004
TRF4	YOL115W	1.076725521	-2.560258618	-2.939069093	1.147957895
MSN1	YOL116W	-1.232400978	-1.252078044	1.547966123	-1.236317601
RR12	YOL117W	-1.024944382	3.262562438	3.614400841	-1.107841125
MCH4	YOL119C	1.234856449	-1.644565589	1.367930264	1.202229115
RPL18A	YOL120C	1.216393895	-8.032436332	-6.231014948	-1.289105611
RPS19A	YOL121C	-1.258028676	-9.939439698	-6.454641436	-1.539890294
SMF1	YOL122C	1.229228507	-1.581197067	1.101281927	1.435778639
HRP1	YOL123W	-1.016461479	-5.049808928	-6.077342121	1.203479617
YOL124C	YOL124C	-1.184691639	-25.12795106	-26.90394408	1.070677988

YOL125W	YOL125W	-1.012131455	-7.569001057	-7.466266179	-1.013759873
MDH2	YOL126C	1.078520677	-1.682505003	1.549268758	1.085999439
RPL25	YOL127W	-1.00199654	-9.068848406	-6.250960751	-1.450792729
YGK3	YOL128C	1.287947039	-2.286016469	-3.507740533	1.534433623
VPS68	YOL129W	1.126555505	-1.885165344	1.509315552	1.249020022
ALR1	YOL130W	1.193612013	-1.716097266	-2.067820428	1.204955261
GAS4	YOL132W	1.773084433	-1.920645803	-1.206655753	2.317558306
HRT1	YOL133W	-1.115103379	-1.284157968	1.427190609	-1.111382434
MED7	YOL135C	-1.186032254	-1.021798873	1.08389582	-1.107523528
PFK27	YOL136C	1.219198612	-1.334963768	-1.09601376	1.463138659
YOL137W	YOL137W	1.084278629	-1.863775773	-2.282027679	1.224411065
YOL138C	YOL138C	-1.051143832	-1.097396727	-1.004071408	-1.092946894
CDC33	YOL139C	-1.202902166	-5.072237435	-4.633383888	-1.094715559
ARG8	YOL140W	1.071794158	-1.845386249	-2.174149699	1.178154276
RRP40	YOL142W	1.086588216	-3.137668012	-2.694178261	-1.164610397
RIB4	YOL143C	-1.19774072	-1.420412221	-1.289707438	-1.101344521
NOP8	YOL144W	-1.246166537	-11.92884204	-11.76406893	-1.014006473
CTR9	YOL145C	-1.009844053	-1.680301407	-1.296154525	-1.296374294
YOL146W	YOL146W	-1.042199925	-1.595293523	1.103311109	-1.760105067
PEX11	YOL147C	1.019591563	-1.767200877	-1.846061023	1.044624325
SPT20	YOL148C	-1.086609496	-1.388764462	1.596520313	-1.149597615
DCP1	YOL149W	-1.252119778	-2.543537866	-2.344644195	-1.084828936
YOL150C	YOL150C	-1.084009571	-1.060674541	2.104998574	-1.984584804
GRE2	YOL151W	1.068920051	2.133582644	3.367728303	-1.578438179
FRE7	YOL152W	1.329314211	-1.669553536	-2.724340985	1.631778154
YOL153C	YOL153C	1.189951587	13.43313379	13.64779459	-1.015979949
ZPS1	YOL154W	1.058474779	-1.107422742	1.037720898	-1.149195723
YOL155C	YOL155C	1.384219869	4.843639927	4.532399618	1.068670094
YOL157C	YOL157C	1.180374491	-1.385036183	1.379050445	1.004340478
ENB1	YOL158C	1.066548837	-1.241341888	1.255506465	-1.011410697
YOL159C	YOL159C	1.131584931	-1.094000433	1.547201584	-1.414260487
YOL159C-A	YOL159C-A	-1.036432645	-1.32986075	1.685324608	-1.267294044
YOL161C	YOL161C	1.042197894	-1.383339607	-1.209143177	-1.144066007
YOL162W	YOL162W	1.111520094	-1.733852533	1.661301437	1.043671241
YOL163W	YOL163W	-1.07925516	-1.706630874	1.750476312	-1.025691226
YOL164W	YOL164W	-1.140873051	-1.152200134	-1.191173982	1.033825588
AAD15	YOL165C	-1.100609135	-1.935252294	-1.658230232	-1.167058866
YOL166C	YOL166C	-1.222564035	-4.389622069	-2.275537841	-1.929048152
RRP6	YOR001W	-1.178452157	-5.048257851	-5.203470292	1.030745743
ALG6	YOR002W	1.127610694	-1.095189514	-1.455963537	1.32941698
YSP3	YOR003W	-1.093490336	2.988714488	3.161025545	-1.057653903
YOR004W	YOR004W	-1.01797435	-11.89060588	-12.57017562	1.057151818
DNL4	YOR005C	-1.189369728	-1.88826431	2.484275188	-1.31563954
YOR006C	YOR006C	-1.20518944	-2.833695162	-2.443673429	-1.159604687
SGT2	YOR007C	-1.408638328	-1.82796909	2.401917867	-1.313981664
SLG1	YOR008C	-1.047178894	-1.665340061	1.703128642	-1.02269121
TIR4	YOR009W	-1.025650521	-1.244523222	-1.03683451	-1.200310377
TIR2	YOR010C	1.138390585	2.10330727	2.244060417	-1.066919917
AUS1	YOR011W	1.122314742	-1.959407035	-1.934665258	-1.01278866

YOR013W	YOR013W	-1.203585634	-1.370308879	1.481008313	-1.080784294
RTS1	YOR014W	1.239518061	-1.425663001	1.003217665	1.421090409
YOR015W	YOR015W	1.226100616	-1.390598848	1.022712809	1.359715882
ERP4	YOR016C	1.305520552	-1.272886506	-1.629085305	1.279835474
PET127	YOR017W	-1.132940151	-1.234768991	1.103059317	1.119403981
ROD1	YOR018W	-1.133455259	-1.526512591	1.800091512	-1.179218253
YOR019W	YOR019W	-1.341279125	2.247612862	3.690689278	-1.642048478
HSP10	YOR020C	-1.210964072	2.659067153	7.762259012	-2.919166221
YOR021C	YOR021C	-1.176199773	-4.63300655	-4.188880414	-1.106025021
YOR022C	YOR022C	-1.104343767	-1.717161119	1.70038436	1.009866493
AHC1	YOR023C	1.118363712	-1.551404302	1.683823109	-1.085354158
HST3	YOR025W	1.006534207	-1.167992197	1.031366511	1.132470547
BUB3	YOR026W	-1.159428789	-1.947297269	-1.52758518	-1.274755277
STI1	YOR027W	-1.139562208	7.848596708	13.2947691	-1.693903967
CIN5	YOR028C	-1.149992058	3.708789184	3.551960771	1.044152632
DFG16	YOR030W	1.213822948	-1.442904819	1.024976651	1.407744087
CRS5	YOR031W	-1.033435792	-1.15905363	-1.065876789	-1.087418023
EXO1	YOR033C	-1.124208134	-1.031748943	-1.020060952	-1.011458131
AKR2	YOR034C	1.081558318	-1.12303505	-1.485791755	1.32301459
SHE4	YOR035C	-1.077379269	-1.938247619	1.82277991	1.063347039
PEP12	YOR036W	-1.300249894	-1.838942177	2.083592186	-1.133038446
CYC2	YOR037W	-1.158065059	-1.302281969	1.254171275	1.038360545
HIR2	YOR038C	-1.043351007	-1.479756462	-1.446708308	-1.022843688
CKB2	YOR039W	-1.203422226	-1.343023207	-1.304140449	-1.029814854
GLO4	YOR040W	-1.382835025	3.546424182	2.353195426	1.50706743
CUE5	YOR042W	-1.233970964	-1.707536605	2.593884688	-1.51907999
WHI2	YOR043W	-1.074505657	-1.103511645	-1.160801001	1.051915496
YOR044W	YOR044W	-1.083833439	-1.070748197	-1.184039848	1.105806063
TOM6	YOR045W	1.218813814	-1.825725535	-1.67220289	-1.091808623
DBP5	YOR046C	-1.066007631	-1.905834573	-2.137668737	1.121644432
STD1	YOR047C	-1.0634962	-1.504911669	-1.63910438	1.089169826
RAT1	YOR048C	-1.043361015	-3.324937919	-3.48930954	1.049435997
YOR049C	YOR049C	-1.187842621	2.205811205	2.479713507	-1.12417305
YOR051C	YOR051C	-1.138627899	-4.32157687	-4.242845247	-1.018556327
YOR052C	YOR052C	-1.202100413	4.960498075	6.966831096	-1.40446201
YOR054C	YOR054C	-1.066153291	2.77464225	3.268489201	-1.177985811
NOB1	YOR056C	-1.194598504	-13.45394402	-12.17327091	-1.105203697
SGT1	YOR057W	-1.175375839	-1.16383456	-1.232129759	1.058681192
ASE1	YOR058C	1.033701447	-1.013708139	-1.021186844	1.035185416
YOR059C	YOR059C	-1.109202711	-1.982369104	2.077665235	-1.04807184
YOR060C	YOR060C	1.172667382	-1.354774976	1.235123064	1.096874486
CKA2	YOR061W	-1.196014754	-1.679462364	-1.453031307	-1.155833571
YOR062C	YOR062C	-1.397410395	-1.602211073	1.848698822	-1.153842245
RPL3	YOR063W	-1.35110954	-5.045500946	-4.238259019	-1.190465454
YNG1	YOR064C	-1.038817675	-1.114383683	1.081254368	1.030639705
CYT1	YOR065W	1.189977453	2.85552221	2.1819558	1.308698466
YOR066W	YOR066W	1.074978378	-1.187086371	-1.132436947	1.344300465
ALG8	YOR067C	1.166104283	-1.911299539	-2.104217562	1.100935526
VPS5	YOR069W	-1.103361681	-1.39994678	1.339868327	1.044839073

GYP1	YOR070C	-1.0412822	-1.517030593	1.453258622	1.043882052
YOR071C	YOR071C	1.136132964	-1.120471326	-1.091578243	1.223082121
YOR072W	YOR072W	-1.022855704	-1.077848989	1.027709336	1.048787776
YOR073W	YOR073W	-1.234812395	-1.748374817	-1.556715266	-1.123117923
CDC21	YOR074C	-1.110843383	-1.660202768	-1.66870527	1.005121364
UFE1	YOR075W	-1.18012346	-1.323709379	1.258711782	1.05163819
SKI7	YOR076C	-1.047651103	-1.171325058	1.053553274	1.111785314
RTS2	YOR077W	-1.23793274	-1.24884502	-1.154621587	-1.081605467
BUD21	YOR078W	-1.299803685	-4.388987771	-3.348916764	-1.310569381
ATX2	YOR079C	1.154210264	-1.651683586	-1.876517062	1.136123818
DIA2	YOR080W	-1.11003928	-1.813703864	-1.661921685	-1.091329321
YOR081C	YOR081C	1.227218655	-1.434470321	1.190119612	1.205316093
WHI5	YOR083W	1.287578409	-1.286628093	-1.196090713	1.538923913
YOR084W	YOR084W	1.1885636	-1.21410106	1.097583285	1.106158481
OST3	YOR085W	1.080386992	-1.258875187	-1.353548545	1.075204722
YOR086C	YOR086C	1.036684969	-1.526047118	1.294039969	1.179289013
YVC1	YOR087W	1.30706804	-1.266245828	-1.15246451	1.459303378
YOR088W	YOR088W	1.085092643	-1.184555132	1.101377579	1.075521379
VPS21	YOR089C	-1.228682283	-1.301892917	1.572477089	-1.207839038
PTC5	YOR090C	-1.408004297	-1.363804514	1.555544051	-1.140591658
YOR091W	YOR091W	-1.211239368	-6.945883499	-6.639513225	-1.046143484
ECM3	YOR092W	1.07239428	-1.260648925	1.125780512	1.119799918
YOR093C	YOR093C	-1.090426682	-1.681861411	-1.499974347	-1.121260116
ARF3	YOR094W	-1.210141119	-1.204304907	-1.139996225	-1.056411311
RK11	YOR095C	-1.165529645	-33.44379866	-25.17173595	-1.328625039
RPS7A	YOR096W	1.106900814	-9.926251562	-7.974644955	-1.244726457
YOR097C	YOR097C	-1.179945857	-1.659381655	1.61277048	1.028901307
NUP1	YOR098C	1.131173852	-2.083863455	-2.383497247	1.143787632
KTR1	YOR099W	1.075705075	-1.883354821	-1.564229888	-1.204014087
CRC1	YOR100C	-1.138346641	16.67695159	15.55064504	1.072428285
RAS1	YOR101W	-1.456522383	-7.617983394	-5.757971717	-1.323032444
OST2	YOR103C	1.105595853	-1.672090483	-1.164254515	-1.43618982
PIN2	YOR104W	-1.167746644	-1.148859437	1.000468373	-1.149397532
YOR105W	YOR105W	-1.243091242	-1.090461926	1.157066829	-1.061079531
VAM3	YOR106W	-1.216839395	-1.396812578	-1.679629716	1.202473218
YOR108W	YOR108W	1.143843593	-13.72801783	-15.55386203	1.133001299
INP53	YOR109W	1.012736091	-1.090198107	1.015521579	1.073535146
TFC7	YOR110W	-1.096398039	-1.313001544	1.298448754	1.011207827
YOR111W	YOR111W	-1.043687616	-1.053385557	-1.203111191	1.142137541
YOR112W	YOR112W	-1.101442279	-1.035396951	1.002253964	-1.037730699
AZF1	YOR113W	-1.146976697	-1.968027392	2.421608923	-1.230475212
YOR114W	YOR114W	-1.563897399	-1.234301151	1.863142022	-1.509471186
TRS33	YOR115C	-1.242995633	-1.391382943	-1.477630414	1.061986868
RPO31	YOR116C	1.227401406	-3.702668113	-4.004485455	1.081513474
RPT5	YOR117W	-1.143596364	-1.061956653	1.013411432	1.047902776
YOR118W	YOR118W	-1.161457643	-1.197482169	-1.178142038	-1.016415789
RIO1	YOR119C	1.060087013	-2.311017478	-2.058125714	-1.12287479
GCY1	YOR120W	-1.168172899	13.23531392	18.9497854	-1.431759421
YOR121C	YOR121C	-1.352884345	2.096340988	3.484957118	-1.662399934

PFY1	YOR122C	-1.095761061	-1.187828438	1.010209774	-1.199955898
LEO1	YOR123C	-1.094586894	-1.286445488	-1.282405284	-1.003150489
UBP2	YOR124C	1.060994956	2.114299832	1.513613895	1.396855459
CAT5	YOR125C	-1.390844528	-1.059136983	1.460273771	-1.378739289
IAH1	YOR126C	1.00996407	-1.27229535	-1.238013125	-1.027691326
RGA1	YOR127W	-1.068945891	-1.250765034	-1.423526603	1.13812472
ADE2	YOR128C	-1.05384565	-1.29162697	1.251265895	1.032256194
YOR129C	YOR129C	1.104100047	-1.60175834	-2.219441494	1.38562818
ORT1	YOR130C	-1.349121861	-1.038271908	1.234024197	-1.281252658
YOR131C	YOR131C	-1.078261113	-1.129008407	1.515810322	-1.34260322
VPS17	YOR132W	-1.104260494	-1.863372891	1.986526669	-1.066091859
EFT1	YOR133W	-1.021026767	-3.880393949	-3.546189953	-1.094243117
BAG7	YOR134W	1.553104032	7.427396269	6.774619899	1.096356161
YOR135C	YOR135C	-1.117378086	-1.665246547	2.537436736	-1.523760395
IDH2	YOR136W	1.04381502	3.354579041	3.171366335	1.057770906
SIA1	YOR137C	1.173491168	3.012278917	2.363547155	1.274473797
YOR138C	YOR138C	-1.185915338	-1.256668058	1.484378144	-1.181201459
YOR139C	YOR139C	1.068175225	-1.076540153	1.433716634	-1.331781847
SFL1	YOR140W	1.071729471	-1.227969556	-1.483778779	1.208318864
ARP8	YOR141C	-1.00222327	-1.212975991	1.112759631	1.090061102
LSC1	YOR142W	1.097614422	-1.124741205	1.017571582	1.105319002
THI80	YOR143C	-1.131454513	-2.753799997	-2.567684783	-1.072483669
ELG1	YOR144C	-1.05372623	-1.773633886	-2.178252369	1.228129653
YOR145C	YOR145C	-1.193453229	-14.05073171	-14.48459272	1.030878179
YOR147W	YOR147W	-1.159791179	-1.023373252	1.046106219	-1.022213759
SPP2	YOR148C	1.064793015	-1.374146135	-1.227281939	-1.119666225
SMP3	YOR149C	1.13191617	-1.377267434	-1.836733722	1.333607167
MRPL23	YOR150W	-1.048449417	-1.075517349	1.500640932	-1.395273571
RPB2	YOR151C	-1.036963478	-1.35459014	-1.27747605	-1.060364411
YOR152C	YOR152C	-1.090289837	2.450144549	1.902290443	1.287997086
PDR5	YOR153W	1.11005276	-1.34272025	-1.012584812	-1.326032382
YOR154W	YOR154W	-1.096583958	-2.161525426	-2.167021148	1.00254252
YOR155C	YOR155C	-1.009848657	-1.959207688	1.901546234	1.030323456
NFI1	YOR156C	1.068432731	-1.363777398	1.280230087	1.065259606
PUP1	YOR157C	-1.145660546	-1.076005603	1.178664394	-1.095407301
PET123	YOR158W	-1.277632858	-1.313854651	1.433970983	-1.091422847
SME1	YOR159C	1.035058294	-1.794699695	-1.160803719	-1.546083689
MTR10	YOR160W	1.195717652	-1.331038037	1.176685008	1.131176167
YOR161C	YOR161C	1.434682688	16.66960772	12.4570142	1.338170404
YRR1	YOR162C	1.065548124	-1.97679237	1.71348395	1.153668449
DDP1	YOR163W	-1.260737677	-1.155109128	1.259455849	-1.090334946
YOR164C	YOR164C	1.116979383	-1.009973509	-1.379368901	1.393126049
YOR165W	YOR165W	-1.061669851	-1.705444061	-2.062000802	1.209069737
YOR166C	YOR166C	-1.204237387	-6.454182096	-2.0538039	-3.142550316
RPS28A	YOR167C	1.090002583	-5.947056807	-3.155864285	-1.88444631
GLN4	YOR168W	-1.1178001	-3.154201719	-2.993905783	-1.053540742
YOR169C	YOR169C	-1.196148515	-2.212317864	-1.650894748	-1.340072023
LCB4	YOR171C	-1.14866525	-1.120155578	1.089903233	1.027756909
YOR172W	YOR172W	1.018324315	-1.17884181	1.199350573	-1.017397383

YOR173W	YOR173W	-1.285990795	24.098696	29.09043358	-1.207137248
MED4	YOR174W	-1.027316839	-1.530007581	-1.560836596	1.020149583
YOR175C	YOR175C	1.123933353	-1.277779347	-1.728308087	1.352587277
HEM15	YOR176W	1.211753502	-1.645906519	1.605666523	1.025061241
GAC1	YOR178C	-1.853893429	22.3958393	113.6378283	-5.07405982
YOR179C	YOR179C	-1.132854744	-1.124729977	1.29346227	-1.150020268
DCI1	YOR180C	-1.071015334	-1.017141892	-1.129038097	1.110010418
LAS17	YOR181W	1.123866165	-1.662549237	1.766693664	-1.06264141
RPS30B	YOR182C	1.165914822	-5.599339993	-5.787615562	1.0336246
SER1	YOR184W	-1.126816804	-1.957976137	-2.325511485	1.187711863
GSP2	YOR185C	-1.028617742	3.248003164	3.263204725	-1.004680279
YOR186W	YOR186W	-1.000736307	2.089223474	2.518196107	-1.205326351
TUF1	YOR187W	1.115058572	-1.460674458	1.249169016	1.169316912
MSB1	YOR188W	-1.002101739	-2.305890047	-2.734950438	1.186071487
IES4	YOR189W	-1.090099969	-1.058498847	1.013916601	1.043970328
SPR1	YOR190W	-1.260593685	-1.000107323	-1.079697263	1.079813139
RIS1	YOR191W	1.00669475	-1.350023687	1.43201449	-1.060732862
YOR192C	YOR192C	1.097676462	-1.042677618	-1.008940592	-1.03343807
YOR193W	YOR193W	-1.528600628	-1.063163735	-1.063204499	1.130360466
TOA1	YOR194C	-1.221368862	-1.15696545	1.076154863	-1.245073995
SLK19	YOR195W	-1.110594034	-1.453811343	-1.701161823	1.170139325
LIP5	YOR196C	-1.224798582	-1.551747504	-1.386083481	-1.119519513
MCA1	YOR197W	-1.272243765	-1.664120256	-1.105553122	-1.505237715
BFR1	YOR198C	-1.26774827	-1.940283422	-1.176043034	-1.649840495
PET56	YOR201C	-1.156956941	-1.465412146	-1.595215536	1.088578077
YOR203W	YOR203W	-1.497139244	-3.216907819	-1.660771524	-1.936996013
DED1	YOR204W	1.3793401	-1.403887188	-1.566849915	1.116079645
YOR205C	YOR205C	-1.10070509	-1.682589568	-1.596770335	-1.053745508
NOC2	YOR206W	-1.028436779	-45.03708936	-43.69188716	-1.030788375
RET1	YOR207C	1.016685528	-4.616167065	-4.08167322	-1.130949691
PTP2	YOR208W	-1.022754727	2.231693281	2.245664722	-1.006260466
NPT1	YOR209C	-1.30641057	-2.138228856	-1.756410061	-1.217385907
RPB10	YOR210W	-1.285590834	-3.58145787	-3.04616824	-1.175725563
MGM1	YOR211C	-1.185990161	-1.060112525	-1.102013028	1.168257814
STE4	YOR212W	-1.172508406	-2.543748556	-3.459991316	1.360193918
SAS5	YOR213C	1.124847536	-3.001870057	-2.041199262	-1.470640379
YOR215C	YOR215C	-1.161554439	2.043842202	2.206210233	-1.079442548
RUD3	YOR216C	-1.134590788	-1.101886261	-1.016959472	-1.083510496
RFC1	YOR217W	1.056157833	-1.310147926	-1.451535709	1.107917419
STE13	YOR219C	-1.038137643	-1.5212346	1.284293883	1.184491042
YOR220W	YOR220W	-1.178907483	3.872672086	4.903528928	-1.266187485
MCT1	YOR221C	-1.061316203	-1.927487244	2.039473947	-1.058099841
ODC2	YOR222W	-1.039969642	-3.093522393	-2.887228097	-1.07145064
YOR223W	YOR223W	1.030549446	-1.591968114	2.062880328	-1.295805053
RPB8	YOR224C	1.218533543	-4.654670131	-4.287541496	-1.085626842
ISU2	YOR226C	-1.158110812	-1.461258797	-1.326294701	-1.101760262
YOR227W	YOR227W	1.148848663	2.480748812	2.106668446	1.177569644
YOR228C	YOR228C	1.238397907	3.111012417	2.238195838	1.389964347
WTM2	YOR229W	-1.113653945	-2.499014849	-2.341404829	-1.067314297

WTM1	YOR230W	1.007685369	2.426097196	2.670814511	-1.100868719
MKK1	YOR231W	-1.073304144	-1.295475585	-1.47712816	1.140220763
MGE1	YOR232W	-1.16905221	-2.130478931	-2.658215467	1.247707935
KIN4	YOR233W	-1.169865692	-2.12281129	-2.302106786	1.084461344
RPL33B	YOR234C	1.179044822	-10.29326674	-7.914212076	-1.300605372
DFR1	YOR236W	-1.186967772	-8.533098225	-5.890825291	-1.448540366
HES1	YOR237W	1.059940279	-2.691775281	-3.032582792	1.126610685
YOR238W	YOR238W	-1.307463897	-1.027580852	-1.003107841	-1.024397188
ABP140	YOR239W	-1.00059206	-1.926066868	-1.490186884	-1.292500215
MET7	YOR241W	-1.351611405	-1.49956219	-1.322580279	-1.133815628
SSP2	YOR242C	-1.060523307	-1.966038413	-2.088897146	1.062490505
YOR243C	YOR243C	1.054222109	-8.2250377	-12.90407433	1.568877226
ESA1	YOR244W	-1.268620561	-1.155228654	1.189041633	-1.029269511
DGA1	YOR245C	1.115632889	2.150334322	1.776481415	1.210445718
YOR246C	YOR246C	1.038133803	-2.398118043	-2.598316998	1.083481694
SRL1	YOR247W	1.523352514	-2.622578581	-3.353405697	1.278667385
YOR248W	YOR248W	1.147593544	-2.592635379	-2.084859385	-1.243554072
APC5	YOR249C	-1.361960186	-1.09985513	1.224797115	-1.113598585
CLP1	YOR250C	-1.001273937	-1.295298685	1.384123031	-1.068574412
YOR251C	YOR251C	1.07644636	-1.748156314	-1.663477101	-1.050904946
YOR252W	YOR252W	-1.205228548	-2.361053133	-2.322145919	-1.016754853
ARD2	YOR253W	-1.283906344	-2.2750646	-1.537929493	-1.479303577
SEC63	YOR254C	-1.226183853	-1.492688217	-1.728564993	1.158021463
YOR256C	YOR256C	-1.023490487	-1.318517339	1.30752747	1.008405077
CDC31	YOR257W	-1.206104859	-1.11943797	1.412851962	-1.262108308
HNT3	YOR258W	-1.028026104	-1.029466171	1.089597513	-1.121703779
RPT4	YOR259C	1.042571765	-1.359607383	1.175498739	1.156621728
GCD1	YOR260W	1.033408427	-2.895049918	-2.812672701	-1.029287879
RPN8	YOR261C	-1.1319954	-1.219467741	1.344453289	-1.102491886
YOR262W	YOR262W	-1.148719249	-2.042281845	-1.839191585	-1.110423656
DSE3	YOR264W	-1.11865519	-1.458267013	1.11242218	1.310893508
RBL2	YOR265W	-1.217633535	-1.290610222	-1.126974835	-1.145198795
PNT1	YOR266W	-1.480545693	-1.253125081	-1.047557204	-1.196235467
HRK1	YOR267C	-1.016783971	2.840654883	2.977778141	-1.048271706
PAC1	YOR269W	1.137537746	-1.814236366	-2.175570604	1.199166021
VPH1	YOR270C	1.297600826	-1.05963229	-1.564019141	1.657285183
YOR271C	YOR271C	1.040714419	-4.426394766	-4.064178846	-1.089124011
YTM1	YOR272W	-1.160744228	-30.1735978	-42.143507	1.396701424
TPO4	YOR273C	1.1612925	8.432730428	7.95340458	1.060266751
MOD5	YOR274W	-1.108134544	-1.756003901	-1.544011484	-1.137299767
RIM20	YOR275C	-1.135943801	-1.694925303	1.508775359	1.12337817
CAF20	YOR276W	-1.20871385	-4.082187311	-3.255131521	-1.254077534
YOR277C	YOR277C	-1.276077402	-3.19146569	-1.645713776	-1.939259267
HEM4	YOR278W	-1.14513254	-1.479496467	-1.230415626	-1.202436342
RFM1	YOR279C	-1.062131161	-1.146236176	1.10228994	1.039868128
FSH3	YOR280C	-1.116012247	-1.129410316	-1.188797045	1.052582068
PLP2	YOR281C	-1.384741993	-1.882822495	-1.458221885	-1.291176956
YOR282W	YOR282W	1.061228975	-1.107714026	-1.707233623	1.891126632
YOR283W	YOR283W	-1.306069517	-2.378698877	-2.227979488	-1.067648463

YOR284W	YOR284W	-1.52670552	-1.869591501	-1.367627815	-1.367032376
YOR285W	YOR285W	1.067044711	2.731278569	2.652387568	1.029743391
YOR286W	YOR286W	-1.270359759	-1.231294286	1.185146916	-1.459264626
YOR287C	YOR287C	-1.042815796	-6.06756464	-7.711830288	1.270992688
MPD1	YOR288C	1.042932571	3.410471016	3.220834235	1.058878156
YOR289W	YOR289W	-1.48766402	6.63986295	9.312229572	-1.40247316
SNF2	YOR290C	1.061066978	-1.278485626	1.231630112	1.038043494
YOR291W	YOR291W	1.062132543	-1.136476273	1.121814886	1.013069347
YOR292C	YOR292C	1.128776141	2.668591869	2.770057486	-1.038022156
RPS10A	YOR293W	-1.226871113	-13.37489487	-7.299583548	-1.832281907
RRS1	YOR294W	-1.192491402	-21.4969604	-26.71152315	1.242572095
UAF30	YOR295W	-1.541734754	-2.583860395	-2.969139841	1.149110008
YOR296W	YOR296W	1.02917768	-1.126062289	-1.272905809	1.433371229
TIM18	YOR297C	1.155200804	-1.38977968	-1.896419192	1.36454664
MBF1	YOR298C-A	-1.296877901	2.291944164	4.085068515	-1.782359526
BUD7	YOR299W	-1.110323005	-1.520220299	1.767421661	-1.162608908
YOR300W	YOR300W	-1.071149576	-1.215829491	-1.001568839	-1.213925038
RAX1	YOR301W	1.068219591	-1.232462922	1.071398172	1.150331365
YOR302W	YOR302W	1.322581476	-1.948873579	-2.488143138	1.276708333
CPA1	YOR303W	1.275166227	-1.054264991	-1.216128562	1.282121768
YOR304C-A	YOR304C-A	-1.109094655	-2.143796121	-1.223576087	-1.752074222
ISW2	YOR304W	-1.152321311	-1.305312488	-1.168799383	-1.116797722
YOR305W	YOR305W	-1.130577943	-1.78580235	-1.620094443	-1.102282869
MCH5	YOR306C	1.131046273	-2.603521412	-2.10538377	-1.236601825
SLY41	YOR307C	1.106291623	-1.104770139	-1.084161036	1.197748739
SNU66	YOR308C	1.140255765	-1.536150286	-1.735011853	1.1294545
YOR309C	YOR309C	1.066634178	-36.74905775	-49.53843822	1.348019276
NOP58	YOR310C	1.053370567	-18.89558753	-26.00060476	1.376014623
HSD1	YOR311C	1.126256859	-1.382438874	-1.508637617	1.091287034
RPL20B	YOR312C	-1.010400705	-12.71039439	-9.674662327	-1.313781708
SPS4	YOR313C	1.025572542	-3.133863949	-3.706052819	1.182582551
YOR315W	YOR315W	-1.072928726	-15.75062906	-19.49999299	1.238045345
COT1	YOR316C	1.135431597	-1.330139493	1.410557151	-1.060458063
FAA1	YOR317W	1.103277523	8.189128283	6.228726881	1.314735489
YOR318C	YOR318C	-1.062203812	-1.467454646	-1.375726616	-1.06667606
HSH49	YOR319W	-1.266418285	-1.273708726	-1.072172712	-1.187969729
GNT1	YOR320C	-1.328346732	-1.405759479	-1.422101455	1.011625017
PMT3	YOR321W	1.19790406	-1.373927204	-1.023354415	1.406014471
YOR322C	YOR322C	1.014852744	-1.120955144	1.089399713	1.02896589
PRO2	YOR323C	-1.144896687	-1.372646856	-1.193626381	-1.149980328
YOR324C	YOR324C	-1.097421236	-2.01716596	-1.228337024	-1.642192591
MYO2	YOR326W	1.051223751	-1.605933958	-1.660324774	1.033868651
SNC2	YOR327C	-1.304469436	-1.118454957	1.336202179	-1.194685733
PDR10	YOR328W	1.131580017	2.085376177	2.060947296	1.011853228
SCD5	YOR329C	-1.053116766	-1.099955826	1.217066529	-1.106468551
MIP1	YOR330C	-1.01724048	-1.107250367	1.137660896	-1.259675444
YOR331C	YOR331C	-1.582574399	-1.593455539	1.388683124	-2.212804814
VMA4	YOR332W	-1.265659925	-1.13774901	1.115461536	-1.269115259
MRS2	YOR334W	-1.055918559	-1.048306105	-1.093908875	1.043501388

ALA1	YOR335C	1.194497857	-5.370318162	-8.097111126	1.507752592
KRE5	YOR336W	1.096376413	-1.047653216	-1.112277109	1.16528069
TEA1	YOR337W	1.105260109	-1.832983321	-2.52653616	1.378373786
YOR338W	YOR338W	-1.392658845	-1.043431798	1.07334806	-1.028671028
RPA43	YOR340C	1.015170539	-21.75739334	-21.25613209	-1.023581959
RPA190	YOR341W	1.195425984	-34.64373712	-30.01226332	-1.154319378
YOR342C	YOR342C	-1.053971177	-4.238756093	-7.101367578	1.675342346
YOR343C	YOR343C	1.173545406	-1.32425227	1.04896534	1.262436631
TYE7	YOR344C	1.085531571	-1.264117536	-1.302307621	1.030210865
REV1	YOR346W	1.083232387	-2.592083463	-2.614711581	1.008729703
PYK2	YOR347C	1.04770232	5.413546349	6.16642318	-1.13907276
PUT4	YOR348C	1.255770101	3.199580869	1.885530285	1.696913009
CIN1	YOR349W	1.199781629	-1.028829689	-1.483007407	1.52576205
MNE1	YOR350C	1.172507954	-1.430765255	1.145167526	1.249393842
YOR352W	YOR352W	-1.227452071	-1.719825409	1.806426993	-1.050354869
YOR353C	YOR353C	-1.061746674	-1.094911513	1.08028046	1.013543754
MSC6	YOR354C	-1.168432357	-1.197141276	-1.334312156	1.114582033
GDS1	YOR355W	1.235205645	-3.329734731	-5.718666043	1.717453943
YOR356W	YOR356W	-1.057657929	-1.102953043	-1.083217478	1.194738013
GRD19	YOR357C	-1.15995106	-1.569372046	1.853703006	-1.181174987
HAP5	YOR358W	-1.170722748	-1.816965899	2.262017162	-1.244942002
VTS1	YOR359W	1.282212823	-4.315634724	-7.007709246	1.623795732
PDE2	YOR360C	1.373645193	-1.291891274	-1.272556383	1.644004488
PRT1	YOR361C	1.092501072	-3.925215763	-4.591674716	1.169789126
PRE10	YOR362C	-1.135120341	-1.353803982	1.1098014	1.219861483
PIP2	YOR363C	1.066486692	-1.603492735	1.348314343	1.189257345
YOR366W	YOR366W	-1.098140755	-1.118569297	-1.429598531	1.278059871
SCP1	YOR367W	-1.419855487	-1.503312702	1.712159618	-1.138924467
RAD17	YOR368W	-1.17522186	-1.074348202	-1.160894726	1.080557237
RPS12	YOR369C	-1.047937381	-6.759357273	-3.30606508	-2.04453243
MRS6	YOR370C	-1.096039871	-1.588858311	-1.585231726	-1.002287732
GPB1	YOR371C	1.002486593	-1.001977549	-1.109879804	1.107689294
NDD1	YOR372C	-1.118230579	-1.030707064	-1.105834364	1.139791291
NUD1	YOR373W	1.070495849	-1.261999753	-1.758557973	1.393469347
ALD4	YOR374W	1.100152476	20.3124589	23.63511125	-1.163577062
GDH1	YOR375C	1.0162243	-1.688778768	-1.735265946	1.027527098
ATF1	YOR377W	-1.022038659	-1.129480582	1.035473511	1.090786553
YOR378W	YOR378W	1.06377824	-1.926037763	1.763826434	1.091965586
RDR1	YOR380W	-1.006293826	-1.519395483	1.802124732	-1.18608009
FRE3	YOR381W	1.229114298	-1.780131744	1.405064476	1.266939542
FIT2	YOR382W	-1.307500048	-1.589483262	2.708178266	-1.703810497
FIT3	YOR383C	-1.727043469	-1.222357296	1.809729799	-1.480524396
FRE5	YOR384W	-1.095596665	-1.165604942	1.302236287	-1.117219256
YOR385W	YOR385W	-1.091638126	-1.495257349	1.407915478	1.062036302
PHR1	YOR386W	-1.215904125	7.455449126	7.084302895	1.052389944
YOR389W	YOR389W	1.000885003	-1.067680928	-1.048311816	1.119262533
YOR390W	YOR390W	1.129447527	-1.884234835	-3.026128839	1.606025312
YOR391C	YOR391C	-1.161096937	2.368088273	2.442326213	-1.031349313
ERR1	YOR393W	1.185634376	5.231713965	5.641795426	-1.078383769

YOR394W	YOR394W	1.009306979	-1.285001779	1.47105797	-1.144790609
YOR396W	YOR396W	-1.064493876	-1.03072871	1.224437476	-1.26206286
HAT1	YPL001W	-1.027139908	-1.098571754	-1.385121989	1.260838888
SNF8	YPL002C	1.004191068	-1.0399842	-1.026371644	1.067410293
ULA1	YPL003W	-1.075290552	2.526076137	2.602624285	-1.030303183
YPL004C	YPL004C	-1.007767481	3.527245596	4.130692646	-1.171081664
YPL005W	YPL005W	-1.147566735	-1.549968274	1.761405483	-2.730122617
NCR1	YPL006W	1.250420042	2.060159726	1.555737532	1.32423348
TFC8	YPL007C	-1.292688548	-1.008005108	1.047951267	-1.05634023
CHL1	YPL008W	-1.072971194	-1.788906987	-1.505414871	-1.188314943
YPL009C	YPL009C	1.092191989	-1.132148568	-1.067286981	1.208327427
RET3	YPL010W	1.386944122	-1.10304084	-1.681344131	1.854591242
TAF3	YPL011C	-1.169708446	-1.149284946	-1.307804928	1.137929225
RRP12	YPL012W	1.096686819	-39.2545857	-50.39168933	1.283714716
YPL013C	YPL013C	-1.301774234	-1.909900502	-1.446028153	-1.320790677
YPL014W	YPL014W	1.276656933	2.779093671	2.163496709	1.28453797
HST2	YPL015C	1.386503224	-1.812357187	1.258971556	1.439553719
SWI1	YPL016W	1.048992669	-2.162326428	-2.6406062	1.22118759
YPL017C	YPL017C	-1.067022049	8.553514759	7.797237381	1.096992991
CTF19	YPL018W	1.099016678	-1.352534829	-1.89465599	1.400818633
VTC3	YPL019C	-1.009776569	-3.746767014	-5.469028588	1.459666045
ULP1	YPL020C	-1.13420758	-1.205601718	-1.096434773	-1.099565381
RAD1	YPL022W	1.019632329	-1.14182842	1.050201445	1.087247047
MET12	YPL023C	1.096934385	-1.039638085	1.02535286	1.013932009
NCE4	YPL024W	-1.100645109	-1.254010875	-1.402266597	1.118225228
YPL025C	YPL025C	1.192486687	-1.306470734	-1.088369927	-1.200392166
SKS1	YPL026C	-1.10986122	-1.467090652	-1.871054009	1.275349963
ERG10	YPL028W	1.046801423	-1.764819642	-1.711811107	-1.030966345
SUV3	YPL029W	-1.284498185	-1.375699004	-1.083710333	-1.26943424
YPL030W	YPL030W	-1.026624991	-3.288022674	-4.880229249	1.484244403
PHO85	YPL031C	-1.127658772	-1.402771417	1.436108366	-1.023765061
SVL3	YPL032C	1.061597392	-1.942052791	-1.731385617	-1.12167548
YPL034W	YPL034W	-1.275539381	-1.269668406	1.157644449	1.09676888
PMA2	YPL036W	1.449547783	-1.704041502	-2.756841203	1.617825153
EGD1	YPL037C	-1.177091341	-2.678689888	-1.908121651	-1.403836012
MET31	YPL038W	-1.139749089	-1.527762571	-1.350483757	-1.131270601
YPL039W	YPL039W	-1.130430337	-1.387162145	-1.161496238	-1.194288969
ISM1	YPL040C	-1.039713941	-1.153943938	-1.283026576	1.11186214
YPL041C	YPL041C	1.238793044	-1.050017834	-1.215287402	1.157396916
SSN3	YPL042C	1.037103905	-1.469427986	1.19347662	1.231216399
NOP4	YPL043W	-1.010785047	-22.33644592	-25.40216533	1.137251889
YPL044C	YPL044C	1.205301429	-2.071401483	-1.586140447	-1.305938253
VPS16	YPL045W	1.007155195	-1.184220698	-1.105015348	1.308582047
ELC1	YPL046C	-1.226374834	-1.024171524	1.347378497	-1.315578949
YPL047W	YPL047W	1.265091054	-1.444184894	-1.771181638	1.226423047
CAM1	YPL048W	1.156456141	-1.274875925	1.152601894	1.106085225
DIG1	YPL049C	-1.040669194	-1.023193347	1.09817053	-1.07327763
MNN9	YPL050C	-1.166321551	-1.692522629	-2.509158744	1.482496422
ARL3	YPL051W	-1.17384186	-1.532708281	-1.238796277	-1.237256125

YPL052W	YPL052W	-1.060547216	-1.637832132	-1.592125388	-1.028708005
KTR6	YPL053C	-1.183974242	-1.224475035	-1.194912814	-1.024740065
LGE1	YPL055C	-1.104753318	-1.259966817	1.612328604	-1.279659577
YPL056C	YPL056C	-1.017171633	-1.080574936	-1.144943506	1.059568817
SUR1	YPL057C	1.305435593	-1.914768424	1.335984528	1.433226496
PDR12	YPL058C	1.303731367	-1.732814874	1.211869444	1.429869268
GRX5	YPL059W	1.069413256	-1.066184482	1.363650591	-1.4539031
LPE10	YPL060W	-1.219904731	-1.968676989	1.65681452	1.188230164
ALD6	YPL061W	-1.146137051	-1.489237635	2.582616155	-1.734186737
YPL062W	YPL062W	1.246001439	-1.261191409	1.024361836	1.231197184
YPL063W	YPL063W	-1.321859942	-1.339739761	-1.18731326	-1.128379347
CWC27	YPL064C	-1.083995095	-1.016968231	-1.006093332	-1.010809036
VPS28	YPL065W	-1.132389424	-1.261546433	1.421365892	-1.126685356
YPL066W	YPL066W	-1.082374724	-1.031799427	-1.175603103	1.212986609
YPL067C	YPL067C	-1.014318197	-1.265277434	1.411832022	-1.115828027
YPL068C	YPL068C	-1.286326539	-2.544725317	-2.471423755	-1.029659649
BTS1	YPL069C	-1.021387225	-1.370546838	-1.35763313	-1.009511928
YPL070W	YPL070W	-1.080589509	-1.796599377	1.417440938	1.267495054
YPL071C	YPL071C	-1.05320298	-1.002852236	1.181642973	-1.178282235
UBP16	YPL072W	-1.181805141	-1.016526347	-1.132655794	1.114241453
YTA6	YPL074W	1.041163604	-1.277802744	1.122440244	1.138414941
GCR1	YPL075W	-1.08831291	-1.148061795	1.018108482	1.127641912
GPI2	YPL076W	1.203729976	-1.196068666	-1.85680756	1.552425553
YPL077C	YPL077C	-1.079844872	-1.462854863	1.533131584	-1.048040802
ATP4	YPL078C	-1.198854475	-1.155983923	1.252063658	-1.083115113
RPL21B	YPL079W	-1.40802341	-24.41800998	-12.87432725	-1.896643568
RPS9A	YPL081W	-1.125077873	-8.730186312	-13.96344628	1.599444248
MOT1	YPL082C	1.042246984	-1.411840094	-1.580326179	1.119337938
SEN54	YPL083C	-1.104524449	-1.238183259	-1.473484597	1.19003757
BRO1	YPL084W	-1.096990721	2.119606838	2.254242086	-1.063518973
SEC16	YPL085W	1.152713882	-1.039411738	-1.169039019	1.215112878
ELP3	YPL086C	-1.054914207	-97.48193155	-10.78383079	-9.039638458
YDC1	YPL087W	1.030328213	4.175536126	3.459413042	1.207007106
YPL088W	YPL088W	-1.278198221	-1.230261196	1.437281452	-1.168273417
RLM1	YPL089C	-1.053172287	-1.610267176	1.537682857	1.047203699
RPS6A	YPL090C	-1.36804414	-10.73673765	-10.03258666	-1.070186386
GLR1	YPL091W	-1.188197436	-1.086060584	1.165213785	-1.07288102
SSU1	YPL092W	1.077930419	-1.022238433	-1.176513261	1.202677073
NOG1	YPL093W	1.039297016	-54.21468937	-82.65145271	1.524521374
SEC62	YPL094C	1.044501469	-1.946758398	-1.631701568	-1.193084836
YPL095C	YPL095C	1.158106242	-1.070529409	1.167768182	-1.090832417
PNG1	YPL096W	-1.151544328	-1.531041651	1.589023583	-1.037870904
MSY1	YPL097W	-1.434454133	-1.508620223	2.199181615	-1.457743693
YPL098C	YPL098C	1.107197135	-1.095553139	-1.03979991	-1.05361919
YPL099C	YPL099C	-1.177486868	-1.130834873	1.443222785	-1.276245383
MAI1	YPL100W	-1.10641104	-1.918852555	1.892730427	1.013801293
ELP4	YPL101W	-1.094893247	-2.522781827	-2.242491057	-1.124990808
YPL103C	YPL103C	1.022701478	-1.413239755	1.11026142	1.272889186
MSD1	YPL104W	-1.183650248	-1.565502209	1.586544763	-1.013441408

YPL105C	YPL105C	1.123848013	-1.054888506	-1.538952239	1.458876679
SSE1	YPL106C	1.006392655	2.873200793	4.034225161	-1.404087445
YPL107W	YPL107W	-1.079307195	-1.145476809	-1.055788694	1.209381464
YPL108W	YPL108W	-1.281704843	-3.738515556	-2.363722817	-1.581621809
YPL109C	YPL109C	1.210270029	2.242868862	1.68799755	1.32871571
YPL110C	YPL110C	-1.096441007	-1.039108768	1.271147911	-1.223305923
CAR1	YPL111W	1.056486712	-1.967895979	2.79754948	-1.421594185
PEX25	YPL112C	-1.190981119	-1.460850864	-1.566295917	1.072180574
YPL113C	YPL113C	-1.507315356	2.024739647	2.540950807	-1.25495187
BEM3	YPL115C	1.105618304	-1.154993882	-1.087119094	1.255615902
HOS3	YPL116W	-1.016768739	-1.498029092	1.409025982	1.063166407
IDI1	YPL117C	-1.231259547	-2.483650765	-2.344652824	-1.059282952
MRP51	YPL118W	-1.09600953	-1.212658712	1.139479111	1.064221977
DBP1	YPL119C	1.072038371	3.433477103	3.532256657	-1.028769539
VPS30	YPL120W	-1.271553736	-1.648001719	1.75209415	-1.063162818
TFB2	YPL122C	-1.206219563	-2.093411641	-2.211572708	1.056444258
RNY1	YPL123C	-1.305948978	5.516832261	7.510873788	-1.361446829
SPC29	YPL124W	-1.068263102	-1.049394515	-1.010687856	1.060610292
KAP120	YPL125W	1.127180174	-1.445509931	-2.221059043	1.536522852
NAN1	YPL126W	1.026118162	-15.44721013	-18.37928416	1.18981253
HHO1	YPL127C	-58.12112389	-59.52039646	-1.267896742	-46.94419859
TBF1	YPL128C	1.18886943	-1.217538467	-1.953624073	1.604568665
TAF14	YPL129W	-1.154181908	-1.647140938	-1.63111764	-1.009823509
SPO19	YPL130W	1.412335355	-4.858821321	-7.979885074	1.642349975
RPL5	YPL131W	-1.247963479	-7.243006678	-5.334711457	-1.357712922
COX11	YPL132W	-1.313524626	-1.052238548	1.034207675	-1.088233183
RDS2	YPL133C	-1.130120046	-1.089720209	1.155898042	-1.060729196
ODC1	YPL134C	1.013742082	-1.282513354	1.335995067	-1.041700706
ISU1	YPL135W	1.209618559	2.124553436	1.652289662	1.285823839
YPL136W	YPL136W	1.183923429	-1.74334398	2.200107916	-1.262004482
YPL137C	YPL137C	1.216423925	-1.135474739	-1.101153332	1.250331793
SPP1	YPL138C	-1.271361647	-1.019699178	1.020447989	-1.000734345
UME1	YPL139C	-1.092306124	-1.259536138	-1.459360874	1.158649466
MKK2	YPL140C	-1.01770427	-1.02172211	-1.296896535	1.269324137
YPL141C	YPL141C	-1.114430369	-1.01318611	-1.068204976	1.054302823
YPL142C	YPL142C	1.31801606	-5.27303419	-4.638595159	-1.13677396
RPL33A	YPL143W	1.127071339	-9.65397903	-6.3111076648	-1.52968813
YPL144W	YPL144W	-1.092194233	-3.234844399	-2.709288249	-1.193983106
KES1	YPL145C	1.443143681	-1.173021833	-1.996732649	1.70221269
YPL146C	YPL146C	-1.23064282	-5.610459608	-5.294098484	-1.059757317
PXA1	YPL147W	-1.145405361	2.196749116	2.0897759	1.051188846
PPT2	YPL148C	-1.06597449	-1.230546399	1.338452036	-1.087689206
APG5	YPL149W	1.071696652	-1.521674035	-1.309499896	-1.162026847
YPL150W	YPL150W	-1.012130778	2.072506761	2.085507482	-1.006272945
PRP46	YPL151C	-1.100387985	-1.39641043	2.102140357	-1.505388611
RRD2	YPL152W	1.070426598	2.597768886	2.084005448	1.246526917
RAD53	YPL153C	1.010601795	-1.409478358	-1.381885536	-1.019967516
PEP4	YPL154C	1.224926204	3.084092057	2.35368297	1.310326028
KIP2	YPL155C	-1.07843265	-1.194326648	-1.148476783	1.371656426

PRM4	YPL156C	-1.130138496	-1.481680959	-1.595024995	1.076496925
YPL157W	YPL157W	1.033234947	-1.78024126	-2.315441946	1.300633795
YPL158C	YPL158C	-1.104155084	-1.634434069	1.414811365	1.155231086
YPL159C	YPL159C	1.117046706	-1.658551741	1.347557402	1.230783741
CDC60	YPL160W	1.000872236	-4.308739157	-5.065543434	1.175644023
BEM4	YPL161C	-1.155412263	-1.020677477	-1.048028647	1.069699235
YPL162C	YPL162C	1.233692646	2.203135786	1.976151692	1.114861675
SVS1	YPL163C	1.178856085	-6.002016042	-7.683817885	1.280206155
MLH3	YPL164C	-1.119940182	2.137907491	1.826161122	1.170711316
YPL166W	YPL166W	-1.152451269	3.344080683	2.658551164	1.257858314
REV3	YPL167C	-1.29107136	-1.17752717	1.538194524	-1.306292171
YPL168W	YPL168W	-1.212174786	-1.674623351	1.568222157	1.067848291
MEX67	YPL169C	-1.049123299	-1.185222479	1.032266521	1.148174871
YPL170W	YPL170W	1.015681487	-1.394075413	2.368975816	-1.699316834
OYE3	YPL171C	1.188664303	-1.210991593	2.463443136	-2.034236364
COX10	YPL172C	1.058525673	-1.146171143	-1.11153673	1.274011324
MRPL40	YPL173W	-1.11213278	-1.231678274	1.149908722	1.071109602
NIP100	YPL174C	1.01782709	-1.112181899	-1.125935465	1.012366292
SPT14	YPL175W	1.006831994	-1.650788353	-1.576310948	-1.047247915
YPL176C	YPL176C	1.045225305	-1.863703729	1.56895548	1.187862723
CUP9	YPL177C	-1.101833881	-1.087282584	-1.106672856	1.017833702
CBC2	YPL178W	-1.201313389	-1.826921035	-1.591322727	-1.148051871
PPQ1	YPL179W	1.188011367	-1.238058151	-1.47242637	1.189303077
YPL180W	YPL180W	-1.079130174	-1.2077802	1.190822758	1.014240106
RXT1	YPL181W	1.014109714	-1.024887412	-1.020579787	1.045979377
YPL183C	YPL183C	1.095263331	-9.066747539	-10.8007413	1.191247607
YPL183W-A	YPL183W-A	1.180051226	-1.057275016	-1.103628779	1.043842674
YPL184C	YPL184C	1.163550436	-1.346298172	-1.35246433	1.004580084
UIP4	YPL186C	-1.238665198	27.71932701	25.05705652	1.106248333
POS5	YPL188W	-1.119961083	-1.144299164	1.103468382	1.037002222
GUP2	YPL189W	-1.180101664	-1.671156506	-1.782084936	1.066378242
NAB3	YPL190C	1.112316787	-1.234582567	1.157996213	1.066136964
YPL191C	YPL191C	-1.069190149	2.105882032	1.683591929	1.250826875
RSA1	YPL193W	1.045590876	-1.302195805	-1.785308339	1.37099838
DDC1	YPL194W	-1.058639609	-1.290084494	1.233659107	-1.591524484
APL5	YPL195W	-1.078308331	-1.087941071	1.048044021	1.038068105
OXR1	YPL196W	-1.31264866	3.124406677	3.672227962	-1.175336101
YPL197C	YPL197C	1.073416265	-6.827669278	-3.386292507	-2.016266835
RPL7B	YPL198W	-1.086908692	-8.052398792	-6.770803	-1.189282687
YPL199C	YPL199C	-1.231395173	-2.442846943	-2.07171207	-1.179144041
YPL201C	YPL201C	-1.010695379	-2.970930321	-2.752952092	-1.079179812
AFT2	YPL202C	-1.132079461	-1.066171439	-1.341837294	1.4306286
TPK2	YPL203W	1.093238795	3.399199174	2.853145984	1.191386348
HRR25	YPL204W	-1.186800746	-1.059650369	1.129617725	-1.19699984
YPL206C	YPL206C	1.052491531	2.140831724	1.861185	1.150251976
YPL207W	YPL207W	-1.001613471	-6.687800491	-7.260395466	1.085617832
YPL208W	YPL208W	-1.059025365	-1.312673835	-1.024747605	-1.280972825
IPL1	YPL209C	-1.044947329	-1.111913603	1.108612774	1.002977442
SRP72	YPL210C	-1.012538949	-1.296846727	-1.793932552	1.38330345

NIP7	YPL211W	-1.170178109	-63.88275542	-69.17605527	1.082859605
PUS1	YPL212C	1.007098217	-9.622538231	-12.88759794	1.339313768
LEA1	YPL213W	-1.295323432	-1.047989204	1.03768622	-1.087483956
THI6	YPL214C	1.010079802	-1.216758238	1.178621492	1.032357077
CBP3	YPL215W	-1.067575889	-1.017746379	-1.028418884	1.046669595
YPL216W	YPL216W	-1.21047913	-1.424984812	-1.488108537	1.044297823
BMS1	YPL217C	1.059374626	-10.21469014	-11.02176774	1.079011463
SAR1	YPL218W	1.225694758	-1.363612412	-1.214200711	-1.123053544
PCL8	YPL219W	1.134879225	-1.744263253	1.557746645	1.119734881
RPL1A	YPL220W	1.225725128	-8.806273449	-7.829113833	-1.124811011
BOP1	YPL221W	1.134449893	-1.432424737	1.225996165	1.168376197
YPL222W	YPL222W	-1.02441316	6.331931732	5.309026453	1.192672854
GRE1	YPL223C	-1.138560336	4.875124518	5.627372049	-1.154303244
MMT2	YPL224C	-1.037416671	2.096423843	1.862035262	1.125877628
YPL225W	YPL225W	-1.135921206	-1.487897606	1.610006753	-1.082068246
NEW1	YPL226W	1.211453768	-9.196404677	-14.18684362	1.542651082
ALG5	YPL227C	-1.133766191	-2.313553999	-3.398551759	1.46897447
CET1	YPL228W	-1.093201589	-1.098254319	1.084056777	1.013096678
YPL229W	YPL229W	1.019265014	-1.351516906	1.312448448	1.029767614
YPL230W	YPL230W	1.213914664	15.69834996	14.07588561	1.115265526
FAS2	YPL231W	1.119063787	-2.063396253	-1.632161877	-1.264210543
SSO1	YPL232W	1.013414506	-1.208316184	1.088899298	1.10966752
NSL1	YPL233W	-1.027817989	-1.308423528	-1.241456543	-1.053942271
TFP3	YPL234C	1.108612582	-1.764996821	-1.128932415	-1.563421156
RVB2	YPL235W	-1.038877356	-1.342169842	-1.4692836	1.094707654
YPL236C	YPL236C	1.133698284	2.230729022	1.915901102	1.16432368
SUI3	YPL237W	-1.341923002	-4.635428672	-4.084226103	-1.134958877
YPL238C	YPL238C	-1.244726656	-1.470858897	-1.58120114	1.075018918
YAR1	YPL239W	-1.240200489	-1.250249136	1.978907253	-1.582810334
HSP82	YPL240C	-1.021097187	19.0271076	36.80915751	-1.934564006
CIN2	YPL241C	1.073935789	-7.580253778	-9.795140925	1.292191688
IQG1	YPL242C	-1.097719367	-1.00386276	-1.030986614	1.034969067
SRP68	YPL243W	-1.060530755	-1.608563796	-2.412232129	1.499618563
HUT1	YPL244C	1.147843988	-1.498519898	-1.838654705	1.226980508
YPL245W	YPL245W	-1.049519832	-4.727894834	-3.909355748	-1.209379534
YPL246C	YPL246C	1.040638392	-1.656920935	-1.989293593	1.200596571
YPL247C	YPL247C	1.041572546	7.914755789	10.37137418	-1.310384609
GYP5	YPL249C	1.019465152	2.321895813	2.366582674	-1.019245851
RPL36B	YPL249C-A	-1.033570614	-6.14613379	-5.115915247	-1.201375217
ICY2	YPL250C	1.036423159	3.226734386	9.531462559	-2.953903672
YAH1	YPL252C	1.179910486	-3.358886089	-4.411639213	1.313423288
VIK1	YPL253C	-1.038741827	-1.172501504	-1.34207395	1.144624503
HFI1	YPL254W	-1.235956405	-1.598386566	-1.743990904	1.09109457
BBP1	YPL255W	1.003690926	-1.899031662	-1.944034401	1.02369773
CLN2	YPL256C	1.050868184	-4.174959305	-4.603912956	1.102744391
YPL257W	YPL257W	-1.000497212	-1.465295982	2.043193689	-1.394389744
THI21	YPL258C	1.128314136	-1.031128144	-1.069919082	1.103223677
APM1	YPL259C	-1.085006236	-1.177232055	-1.186905382	1.00821701
YPL260W	YPL260W	-1.111248327	-1.998003817	1.755628484	1.138056164

FUM1	YPL262W	1.025948919	-1.487928136	1.699738351	-1.14235245
KEL3	YPL263C	-1.004784899	-3.857100635	-2.98505178	-1.292138603
YPL264C	YPL264C	1.143184972	2.908127248	2.215520429	1.312615858
DIP5	YPL265W	1.194456041	3.185060818	1.826366883	1.743932638
DIM1	YPL266W	-1.238274192	-15.11153098	-14.49091759	-1.042827749
YPL267W	YPL267W	-1.031787713	-2.428412725	-2.391947055	-1.015245183
PLC1	YPL268W	1.048952402	-1.002303636	-1.239344627	1.242199626
KAR9	YPL269W	1.073859401	-1.027291263	-1.548574106	1.507434319
MDL2	YPL270W	1.078540597	-1.485069499	1.155690291	1.285006469
ATP15	YPL271W	1.26949268	-1.09019591	1.32235372	-1.212950543
YPL272C	YPL272C	1.0351196	-1.5124345	-1.429234902	-1.058212683
SAM4	YPL273W	-1.150444925	-4.607848851	-4.347442428	-1.059898763
SAM3	YPL274W	1.221674404	-2.350953837	-3.225438292	1.371970066
YPL277C	YPL277C	-1.075762825	-1.432421406	1.260845898	1.13607968
YPL278C	YPL278C	-1.222590928	-1.21658484	1.272787019	-1.046196679
YPL279C	YPL279C	1.121089924	-1.832543918	-2.987064574	1.630009815
YPL280W	YPL280W	-1.629853275	2.063157731	3.160165324	-1.531712906
ERR2	YPL281C	1.111023849	5.428396228	4.488884591	1.209297347
YPL282C	YPL282C	1.047026211	-1.249174819	1.460724009	-1.169351147
YRF1-7	YPL283C	-1.069614684	-1.1018333	1.110459143	-1.223540862
CIT3	YPR001W	-1.004708845	3.047196433	2.329863741	1.307886113
PDH1	YPR002W	-1.207859183	2.302491658	2.193182399	1.049840478
YPR003C	YPR003C	-1.01420625	-1.95850092	1.684132719	1.162913646
YPR004C	YPR004C	1.243815793	-1.257982964	-1.130330581	1.421936615
HAL1	YPR005C	-1.127420337	2.818304065	2.444507222	1.152912963
ICL2	YPR006C	-1.205440557	-1.42244417	1.553970616	-1.092465102
HAA1	YPR008W	1.155075555	-1.841123139	1.440634087	1.277994985
SUT2	YPR009W	-1.131661934	-1.028261155	1.043228988	-1.072711844
RPA135	YPR010C	1.178807702	-21.6372591	-22.31656972	1.031395411
YPR011C	YPR011C	-1.027663471	-1.066937501	1.134726987	-1.210682775
YPR013C	YPR013C	1.04898511	-1.26138258	1.100128511	1.146577484
YPR015C	YPR015C	1.095327147	2.033385709	2.033135215	1.000123205
TIF6	YPR016C	1.332050556	-4.839517	-5.060753061	1.045714492
YPR016W-A	YPR016W-A	2.340376206	-4.159695706	-2.882313861	-1.443179302
DSS4	YPR017C	-1.196293756	-3.262310369	-1.93935715	-1.682160694
RLF2	YPR018W	1.095971466	-1.277169952	-1.582962275	1.239429625
CDC54	YPR019W	1.122842257	-1.181053088	-1.116573938	1.318733098
ATP20	YPR020W	1.022141908	-1.913100509	-1.43308348	-1.33495399
YPR021C	YPR021C	1.02926098	-1.198215119	-1.122665269	-1.067295081
YPR022C	YPR022C	1.004824352	-1.227361318	-1.456743113	1.186890193
EAF3	YPR023C	-1.058070741	-1.087749536	-1.034940992	1.125756584
YME1	YPR024W	-1.047687507	2.059440509	1.846995388	1.11502201
CCL1	YPR025C	-1.265463078	-1.123398565	-1.078877987	-1.041265629
ATH1	YPR026W	-1.031944981	5.415406043	5.274549669	1.02670491
YOP1	YPR028W	1.292890298	-1.933285213	1.831332811	1.05567115
APL4	YPR029C	-1.026206261	-1.085421566	-1.28584225	1.395680908
CSR2	YPR030W	-1.052080855	3.635370849	3.613309488	1.006105583
NTO1	YPR031W	-1.113635113	-1.792376871	-2.168021855	1.209579241
SRO7	YPR032W	1.04055673	-1.222769052	1.033336986	1.183320706

HTS1	YPR033C	-1.03246094	-3.518561774	-4.115441872	1.169637521
ARP7	YPR034W	-1.036125527	-1.278212862	-1.336152235	1.045328422
GLN1	YPR035W	-1.431524423	-1.943320724	-2.25464984	1.1602047
VMA13	YPR036W	-1.164231304	-1.021851967	-1.104641672	1.128780266
ERV2	YPR037C	-1.129741316	-2.246204064	-1.732173945	-1.29675433
YPR039W	YPR039W	1.48615016	-1.222157656	-1.200900752	1.467690048
SDF1	YPR040W	-1.205504061	-1.004865491	1.072712433	-1.067518431
TIF5	YPR041W	-1.061077796	-4.228421444	-4.752641863	1.123975442
PUF2	YPR042C	1.124696868	2.602499907	2.390823924	1.088536834
RPL43A	YPR043W	-1.073470646	-6.508023178	-3.737326574	-1.741357906
YPR044C	YPR044C	1.125001427	-4.713324887	-3.223757291	-1.462059474
YPR045C	YPR045C	-1.182653277	-1.556892414	1.788149327	-1.148537505
MCM16	YPR046W	-1.191865699	-1.516513223	-1.038067537	-1.460900346
MSF1	YPR047W	-1.386178837	-1.8734047	2.55400378	-1.363295278
TAH18	YPR048W	-1.100453272	-3.259251421	-3.232836201	-1.008170912
CVT9	YPR049C	-1.096471775	-1.132492146	-1.016410273	1.151076651
MAK3	YPR051W	1.016133877	-2.16596151	-1.937014876	-1.118195599
NHP6A	YPR052C	1.263017245	-1.613480099	-1.643336357	1.018504261
YPR053C	YPR053C	1.253316629	-1.791432187	1.651197091	1.08492935
SEC8	YPR055W	-1.099312995	-1.623964935	1.472585056	1.102798734
TFB4	YPR056W	-1.134973044	-1.73484758	-2.274078713	1.310823348
BRR1	YPR057W	-1.13954952	-1.354160068	-1.224680954	-1.105724772
YMC1	YPR058W	-1.004692308	-3.356732321	-3.449536859	1.027647285
ARO7	YPR060C	-1.123530851	-1.780024703	-2.148513032	1.207013042
YPR061C	YPR061C	-1.077997328	2.162816136	1.730464967	1.24984682
FCY1	YPR062W	-1.1647136	-1.894240579	-1.585724981	-1.194558074
YPR063C	YPR063C	1.007556072	-1.136255273	-1.019798426	-1.114195946
ROX1	YPR065W	1.028555264	-1.328429882	-1.438568973	1.082909224
UBA3	YPR066W	-1.134283406	-1.282008904	1.372858455	-1.070864992
ISA2	YPR067W	-1.149498183	-1.097799592	1.062757597	-1.166694855
HOS1	YPR068C	-1.259299929	-1.223366367	-1.116079389	-1.096128446
SPE3	YPR069C	1.016546271	-1.402113045	-1.225794455	-1.143840257
MED1	YPR070W	-1.268434761	-1.238882825	-1.233106395	-1.004684454
YPR071W	YPR071W	-1.064883552	-1.0173868	1.133524155	-1.114152607
NOT5	YPR072W	-1.177938565	-1.140258182	1.081504274	-1.233194098
LTP1	YPR073C	-1.228558958	-1.146495702	1.486055939	-1.296172272
TKL1	YPR074C	1.221082609	-2.517425104	-2.620044904	1.040763795
OPY2	YPR075C	-1.065028887	-1.307853131	1.435460552	-1.097570145
YPR077C	YPR077C	-1.122960403	-1.534768962	1.722571631	-1.122365434
MRL1	YPR079W	-1.11050283	2.677228627	3.490766958	-1.303873312
YPR081C	YPR081C	1.053633734	2.960420714	2.489309736	1.189253659
DIB1	YPR082C	-1.068447296	-1.439262539	-1.253434592	-1.148255
YPR083W	YPR083W	-1.084483387	-1.004671504	-1.064363193	1.059414136
YPR084W	YPR084W	-1.050687859	-1.242385751	1.258096921	-1.012645967
YPR085C	YPR085C	-1.178270182	-1.106431102	-1.272374492	1.14998077
SUA7	YPR086W	-1.10756302	-1.838709685	-1.480345549	-1.242081409
VPS69	YPR087W	-1.372286916	-1.648221954	1.153805643	-1.901727792
SRP54	YPR088C	-1.13100698	-1.434184553	-1.240861945	-1.155797032
YPR089W	YPR089W	-1.032340953	-1.169464956	1.008949604	-1.179931205

YPR090W	YPR090W	-1.036701427	-1.056415971	-1.335113874	1.26381455
YPR091C	YPR091C	-1.026234829	-1.923924744	1.567645792	1.227270059
YPR093C	YPR093C	-1.113789039	2.227129492	2.344004897	-1.052478047
RDS3	YPR094W	1.013299364	-1.35740796	1.002441629	-1.360722247
SYT1	YPR095C	-1.003609151	-1.269386216	-1.270213328	1.000651584
YPR097W	YPR097W	1.069377689	-1.05453859	-1.200434008	1.265903986
YPR098C	YPR098C	1.162749751	-1.723259189	1.362466108	1.264808848
YPR099C	YPR099C	1.234940308	-1.836712851	-2.310674689	1.258048958
YPR100W	YPR100W	-1.046471837	-1.082922512	1.127269865	-1.040951549
SNT309	YPR101W	-1.239735589	-1.265605727	-1.045872086	-1.210096094
RPL11A	YPR102C	-1.232083762	-9.891219373	-6.134257991	-1.612455718
PRE2	YPR103W	-1.196844566	-1.143567279	1.11426498	1.026297423
FHL1	YPR104C	-1.166227128	-1.464028378	-1.365314915	-1.072300875
COG4	YPR105C	-1.111337631	-1.234693017	-1.208915533	-1.021322817
ISR1	YPR106W	1.18087131	-1.068564917	-1.162230011	1.241918215
YTH1	YPR107C	-1.076079046	-1.401906349	1.322214287	1.06027167
RPN7	YPR108W	-1.221361453	-1.55517326	1.554951444	1.000142652
YPR109W	YPR109W	1.022680902	-1.139060536	1.175048058	-1.031594038
RPC40	YPR110C	-1.060035009	-11.14165926	-12.26285571	1.100631012
DBF20	YPR111W	-1.070919772	-1.140296494	1.000534802	1.139686987
MRD1	YPR112C	1.02582289	-21.45292774	-23.09481876	1.07653459
PIS1	YPR113W	1.047016374	-1.652357608	-1.304466391	-1.266692357
YPR114W	YPR114W	1.2896817	-1.167090795	-1.35055529	1.157198134
YPR115W	YPR115W	-1.020174895	-1.527139309	1.317885475	1.158779984
YPR116W	YPR116W	-1.063528155	-1.143067956	1.358861174	-1.553270665
YPR117W	YPR117W	1.317482623	-1.093809589	-1.099617543	1.005309839
YPR118W	YPR118W	1.003085036	-4.325260302	-4.501080987	1.040649735
CLB2	YPR119W	1.078577931	-1.742926323	-2.386738588	1.369385817
CLB5	YPR120C	-1.199055922	-2.944058388	-1.899598362	-1.549832032
THI22	YPR121W	1.138348069	-1.130825747	-1.496827274	1.323658644
AXL1	YPR122W	-1.059950544	-1.35542305	-1.459202864	1.076566363
YPR123C	YPR123C	1.063965702	-1.031409546	-1.540933624	1.589333649
CTR1	YPR124W	1.040549731	-1.072275691	-1.18495814	1.270601809
YPR125W	YPR125W	-1.591025944	-1.292738976	1.011535608	-1.307651506
YPR127W	YPR127W	1.025967349	2.021653615	1.683747541	1.2006869
ANT1	YPR128C	1.242888898	-1.404034217	-1.779994919	1.267771752
SCD6	YPR129W	-1.136309415	-1.015911329	-1.218117897	1.237499772
NAT3	YPR131C	-1.293538883	-1.330203852	1.007760626	-1.340527067
RPS23B	YPR132W	-1.325939269	-7.997557578	-5.13039554	-1.558857892
IWS1	YPR133C	-1.153474518	-1.622519459	-1.251680385	-1.296272976
TOM5	YPR133W-A	1.049536225	-1.855137812	-1.566651598	-1.184141908
MSS18	YPR134W	-1.413628048	-1.049012364	1.233562536	-1.175927547
CTF4	YPR135W	-1.094249002	-1.261456206	-1.25866603	-1.002216772
RRP9	YPR137W	1.063438732	-5.261003738	-8.099230848	1.539483957
MEP3	YPR138C	1.107271548	-1.415801134	1.007511786	1.405245232
VPS66	YPR139C	-1.204023287	-1.328501264	-1.256960361	-1.056915799
YPR140W	YPR140W	-1.019916595	-1.692800998	1.498521521	1.129647438
KAR3	YPR141C	-1.053775452	-1.173287073	-1.438491652	1.226035542
YPR143W	YPR143W	-1.035275685	-5.481771273	-7.447128513	1.358525947

UTP19	YPR144C	1.14061059	-16.32713376	-21.69035474	1.32848515
ASN1	YPR145W	1.013916689	-2.641070961	-2.422459134	-1.090243763
YPR146C	YPR146C	1.109213686	-1.014060931	1.046155102	-1.060865016
YPR147C	YPR147C	1.102175009	-1.131006287	-1.100301289	1.244447675
YPR148C	YPR148C	-1.18001608	-1.234171484	1.406438395	-1.139581017
NCE102	YPR149W	1.260729839	4.081066504	3.063272638	1.332257029
YPR150W	YPR150W	1.137384598	-1.985171462	1.359235658	1.460505726
YPR151C	YPR151C	1.13172062	5.698046665	5.266267874	1.081989523
YPR152C	YPR152C	1.090966071	-1.231459875	-1.035133288	-1.189663098
PIN3	YPR154W	1.132523339	6.176308652	8.0606151	-1.305086186
NCA2	YPR155C	-1.09108451	-1.582082203	1.51303117	1.045637548
TPO3	YPR156C	1.200807143	-1.059899195	-1.550028906	1.462430496
YPR157W	YPR157W	-1.011566189	-1.075178554	1.21130857	-1.126611543
YPR158W	YPR158W	-1.182023984	3.810164755	5.475315244	-1.437028474
KRE6	YPR159W	1.179728811	-1.53443919	-1.544567598	1.006600723
GPH1	YPR160W	1.29527227	52.83579187	51.45236135	1.0268876
SGV1	YPR161C	-1.022771334	-1.408912786	-1.71105911	1.214453533
ORC4	YPR162C	-1.15294024	-1.175650651	1.109856536	1.05928164
TIF3	YPR163C	-1.174225709	-10.37237417	-8.331047763	-1.245026372
MMS1	YPR164W	1.027706793	-1.240226603	-1.118921073	-1.108412946
RHO1	YPR165W	1.03673631	-1.022675846	1.00964575	1.012905612
MRP2	YPR166C	1.026677369	-1.318657702	-1.184258095	-1.113488442
MET16	YPR167C	-1.197335678	-1.580007538	-1.194098227	-1.323180541
JIP5	YPR169W	1.067872892	-2.050459065	-2.830267892	1.380309385
YPR171W	YPR171W	-1.218219677	-1.006539473	1.258562522	-1.266792858
YPR172W	YPR172W	1.16131241	-1.658049345	1.741987665	-1.050624742
VPS4	YPR173C	-1.048179731	-1.107476438	1.010125521	-1.118690215
YPR174C	YPR174C	1.128441512	-1.08003836	1.558435423	-1.442944511
DPB2	YPR175W	-1.033543777	-1.000109935	1.279348738	-1.279489382
BET2	YPR176C	1.081225252	-1.034609759	-1.061729972	1.026212988
PRP4	YPR178W	-1.127211485	-1.143213277	1.320230328	-1.154841668
PLO1	YPR179C	-1.03312344	-1.120556903	-1.02538973	1.14900754
AOS1	YPR180W	-1.012158912	-1.697140768	1.366899156	1.241599105
SEC23	YPR181C	1.205305487	-1.143484413	-1.144575242	1.308803949
SMX3	YPR182W	1.017458544	-1.285123971	1.084269332	-1.393420509
DPM1	YPR183W	1.055219247	-1.295276119	1.051882351	-1.362478089
GDB1	YPR184W	1.221366794	14.63938966	12.9933544	1.126682858
APG13	YPR185W	-1.141942995	-1.362849341	1.577406792	-1.157432994
PZF1	YPR186C	-1.146552649	-1.524335542	-1.781687171	1.168828726
RPO26	YPR187W	-1.047393769	-5.675640344	-5.939822605	1.046546694
MLC2	YPR188C	-1.142767754	-1.176257704	1.310905338	-1.114471203
SKI3	YPR189W	1.007529085	-1.032873393	-1.132483965	1.096440254
RPC82	YPR190C	1.030246003	-4.138004591	-5.228923317	1.263634006
QCR2	YPR191W	1.114463377	2.818797696	2.262043868	1.246128661
AQY1	YPR192W	-1.008279344	-1.759470423	1.847024156	-1.049761412
YPR196W	YPR196W	1.069229177	-1.217945727	1.103352544	1.103859083
SGE1	YPR198W	1.22176096	-1.06434279	-1.326637495	1.246438185
ARR1	YPR199C	1.01632508	-1.323734037	1.243994169	1.064099873
ARR2	YPR200C	1.121753018	-1.313739061	-1.048838403	-1.25256575

YPR202W	YPR202W	1.045899293	-1.359657544	1.051416365	-1.429566194
YPR203W	YPR203W	1.049868635	-1.384529863	-1.108625792	-1.248870334
YPR204W	YPR204W	-1.058410708	-1.080937244	1.153896557	-1.247289764

Negative values indicate reduction of expression in *hho1* Δ relative to wild type.

Genes highlighted in yellow met the criteria detailed in the text and whose GO annotation includes “translation”.