

504	-383.09	FIP1,CFT2,PFS2,REF2,SWD2,CFT1 YSH1,PTI1,PAP1,GLC7,SYC1,SSU72 YTH1,MPE1,RNA14,PTA1		-
339	-309.55	TAF11,NGG1,TAF6,TAF7,TAF12,SGF73 SPT20,SGF29,TAF10,TRA1,GCN5,HFI1 SPT3,SPT7,TAF4,TAF9,TAF3,ADA2 SPT8,TAF5,TAF1	510.190.10.20.10	252
465	-282.22	IMG1,MRPL39,MRPL13,ATG26,MRPL49,MRPL35 BUD3,MRPL1,YMR098C,MRPL27,SHQ1,YPL183WA MRPL23,YDR115W,MRPL33,MRPL8,MRPL16,MHR1 MRPL17,MRPL25,MRPL20,MRPL28,MRPL15,MRH4 MRPL7,YML6,MRPL36,MRPL3,MRPL4,MRPL44 MRPL22,MRP49,MRP7,MRPL10,MRPL6,MRPL24 MRPL9,IMG2,AEP1,MRP20,MRPL51		-
65	-279.39	MRP13,UBP10,EHD3,RSM25,RSM27,MRPS17 PUS7,RSM10,YNR036C,MRP10,MRPS28,RSM19 MRP2,MRPS9,RSM7,RSM22,MRPS18,MRP21 RSM26,YGR150C,RSM23,PET123,MRP51,NAM9 MRP4,MRPS5,YNL081C,MRPS8,MRP1,FYV4 MRP17,RSM18,RSM24,MRPS35,YOR205C,MRPS16		-
183	-227.66	CSN12,SNU114,SNT309,PRP21,PRP6,STO1 LEA1,YLR424W,SMD1,SNU23,LSM2,SNU66 DIB1,MUD1,PRP40,SMD2,CUS1,ECM2 SNU56,HSH155,PRP43,CBC2,SMD3,PRP31 CWC2,PRP46,SYF1,SNU71,RSE1,PRP42 AAR2,PRP4,PRP9,PRP39,LUC7,LSM6 BRR2,MSL1,PRP19,CWC23,PRP3,LSM4 CLF1,SMB1,PRP8,YHC1,SNP1,NAM8 PRP11		161
310	-226.86	MED4,SRB2,MED8,SRB4,SRB5,MED1 SRB8,SSN2,PGD1,YAP1,GAL11,MLP1 SSN8,SRB6,CSE2,SRB7,MED11,NUT2 RGR1,MED6,SSN3,NUT1,MED7,SIN4	510.40.20	97
493	-216.97	PRE4,RPN11,PRE6,RPN9,RPN6,RPN10 RPT3,PRE2,PRE1,RPN7,RPT4,RPN2 RPN3,RPN5,RPT1,PUP3,PRE5,SCL1 PRE9,RPN8,PRE7,RPT2,RPN13,RPN1 ECM29,RPT6,RPN12,RPT5	360.10.20	101
267	-213.51	MTR3,SKI2,RRP42,CSL4,SRP1,RRP46 RRP6,RRP45,SKI3,LRP1,SKI7,RRP43 RRP4,SKI6,DIS3,RRP40		-
247	-208.33	RPC31,RPB8,RPA12,RPC34,RPA190,RPO26 RPA43,MAF1,RPC19,RPB10,RPC11,RPA49 RPC25,RET1,RPC82,RPB5,RPC17,RPC53 RPC40,RPO31,RPC37	510.120	-
51	-185.66	SIK1,BFR2,ROK1,DIM1,NOP58,NOP1 UTP15,UTP21,UTP8,KRR1,UTP20,UTP30 UTP7,ENP1,IMP3,KRE33,BMS1,UTP10 YGR145W,ECM16,SOF1,UTP9,NOP14,PWP2 IMP4,UTP4,UTP22,EMG1,MPP10,PNO1 MRD1,UTP6,DIP2,RRP9,NAN1,RCL1 RRP12,NOC4,UTP13,UTP18,RPS8A		-
276	-153.85	YBR095C,YMR075W,RXT3,SIN3,YAF9,EAF3 EPL1,RPD3,DEP1,CTI6,EAF5,PHO23 ESA1,SAP30,UME1,SDS3,VID21,ARP4		-
154	-132.21	SEC22,YKT6,USE1,TIP20,YLR440C,SEC20 UFE1,DSL1		-
192	-131.81	VPS9,EXO84,EXO70,SEC8,SEC5,SEC6	160	-

460	-125.61	TRS130,BET3,TRS31,TRS33,TRS20 ARC15,CCT8,ARC19,ARC35,ARC40,ARP3 ARC18,ARP2,CCT5	260.90	137
262	-124.84	CDC3,AIR1,CDC10,CDC11,SHS1,CDC12 BNI4,BUD4	140.10.20	-
279	-118.36	CTF19,CTF3,DSN1,AME1,CHL4,MCM21 MCM22,IML3,MCM16,OKP1,NKP1	-	-
505	-116.21	TFB4,CDC27,APC1,MND2,CDC16,APC4 SWM1,SSL1,APC2,APC5,CDC23,TFB1 APC9,DOC1	60	-
117	-109.54	RPB7,RPB9,RPB3,YPR093C,TFG1,RPB2 RPB11,SPT5,SPT4,RPB4,IWR1,RPO21 TFG2	510.40.10	200
362	-108.48	PEP5,VPS33,VPS8,VAM6,VPS16,PEP3 VPS41	260.80	-
159	-108.42	GLE2,NSP1,NIC96,NUP159,NUP82,NUP49 NUP57,NUP116	-	139
299	-100.36	CAF40,POP2,TFC8,CDC39,TFC7,TFC3 CAF130,CCR4,TFC1,TFC4,TFC6	-	-
322	-99.75	MSH2,YDL156W,MSH6,TOP3,MSH3,RFA2 MPH1,RAD52,MGM101,LCD1,RFA1,RFA3 RIM1,DNA2,RAD16,MEC1,SGS1	-	-
167	-98.82	POP8,POP1,POP5,SNM1,POP3,POP7 RPP1,POP4,POP6	440.12.20	-
37	-98.47	COG8,COG7,COG4,COG6,COG2,COG3 COG1,COG5	-	-
213	-94.53	TPS1,YMR251W,TSC10,MKS1,MCM2,YIL177C TPS3,TPS2,CTR3,TSL1,GLN1,DAL3	-	-
403	-91.85	SDC1,SWD3,BRE2,SET1,SWD1,SPP1 DOA4	-	120
522	-91.76	CTF18,RFC4,RFC2,PRI2,YMR181C,RFC1 POL12,RFC3,PRI1,RFC5,ELG1,POL1	-	-
448	-87.42	SNX4,SIW14,YDR067C,OCA1,YCR095C,YNL056W SNX41,YHL029C	-	-
383	-86.77	CSN9,RR12,CDC53,PCI8,RR11,CSI1	-	-
212	-85.19	NOC2,NOC3,TIF6,CIC1,SPB4,RLP7 NOG2,RPF1,RPL31B,DBP9,NSA2,MRT4 LOC1,NIP7,MDN1,NSA1,RIX1,MAK21 PUF6,ERB1,SDA1,DBP10,RPL25,RPL36B YHR085W,RPF2,ARX1,NOP2,RRP1,FPR4 MAK5,NOP15,NOP12,IPI3,NOP4,NOP7 YCR072C,NOG1,DRS1,BRX1,YTM1,SPB1 NUG1,RIX7,EBP2,HAS1	-	-
361	-83.91	ZDS1,CDC55,RTS3,KEL1,ZDS2,PPH21 PPH22,TPD3,RRD2,RTS1,LTE1	-	-
252	-83.05	COR1,YLR356W,YLR132C,BRE1,LGE1,QCR2 RBS1,QCR7	-	-
537	-82.01	SEC65,SST2,SRP72,LHP1,SRP68,SRP54 SRP21,BEM2,SRP14	520.40	41
331	-80.74	CKS1,CDC28,CLB3,SIC1,CLN2,CLN1 CLB4,YPL014W,SRL3,DAL7,PCA1	-	-
67	-79.26	VMA7,VMA13,RAV2,VMA10,VMA8,VMA4 RAV1,VMA5	220	-
134	-77.92	CPR1,SIF2,SET3,SNT1,HOS4,HOS2	-	-
323	-76.21	NAB3,BRR1,AIR2,TRF4,NRD1,MTR4 SGV1,NAB6,YRA2,RNT1,BUR2,YER087W MSH4,SEN1	-	-

		IKI1		
68	-73.77	PFD1,GIM5,YKE2,PAC10,BUD27,GIM3	177	--
360	-71.16	TLG1,SEC17,GPA1,STE4,TLG2,VTI1 SYN8,AKR1,PEP12,VPS45	--	--
161	-70.34	DSS4,YCS4,YPT6,GDI1,YPT1,YPT31	--	--
484	-69.34	SWP1,STT3,WBP1,OST6,OST1,OST3	520.20	5
532	-68.94	PAK1,GAL83,SNF4,SNF1,REG1,SIP2 SIP1	470.10	--
287	-68.49	GPI8,GAA1,YDR051C,YER048WA,GPI16,NFS1	--	--
404	-68.26	VMA22,TRM9,EMI2,VPH2,LYS9,YOL124C YDR140W,YNR046W	--	--
549	-67.34	PHO80,CYR1,PHO85,PCL8,SRV2,PHO81	--	--
531	-66.92	APL5,ECM30,APL6,APM3,UBP15,APS3	260.20.30	--
459	-66.35	RGA2,RRD1,YBL046W,YNL201C,PPH3	--	--
391	-65.30	RET2,SEC28,RET3,SEC21,COP1,SEC26 SEC27	260.30.10	--
240	-64.48	ARG1,LEU4,YJR041C,YKL014C,NOP8,YLR221C LEU9	--	--
544	-64.12	NUP145,SEH1,NUP84,NUP85,NUP120,MTR2 MEX67	310.40	139
539	-63.07	SEC62,SEC72,SEC63,SEC66	520.10.20	248
417	-62.94	VPS35,PEP8,VPS17,VPS5,MIP6,VPS29 RPL26A	--	--
259	-62.85	ERP2,ERP5,ERP3,EMP24,ERV25,ERP1 ACP1	260.30.20	--
334	-62.48	YJL123C,BBC1,RTN1,IDS2,PEP4,MSP1 SOK1	--	--
135	-61.77	MET12,YML082W,NNF1,MET13,NSL1,MTW1	--	--
193	-61.19	RTF1,CKB1,LEO1,CDC73,PAF1,CTR9 CKA1,CKB2,HOT1,CKA2	--	--
233	-59.32	YHR112C,DPH2,YIL103W,YPR118W,SVF1	--	--
123	-58.35	YBR094W,DCP2,RPM2,DCP1,EDC3	--	--
441	-58.32	HIR3,ASF1,WTM1,RNR4,RNR2	--	--
281	-57.77	ORC4,ORC3,ORC1,ORC5,ORC6,ORC2	410.20	--
467	-57.42	YPL166W,ATG11,SWA2,CIS1,ATG17	--	--
172	-56.77	MLH1,PMS1,AFG1,SER3,SER33,MLH2	--	--
382	-54.72	KAE1,YML036W,GON7,BUD32	--	--
509	-54.72	SPC98,SPC72,SPC97,TUB4	480.10.05	212
325	-54.46	ATG14,VPS15,VPS30,VPS34,VPS38	--	--
431	-54.42	HDA1,HDA2,YCR079W,HDA3,PRO2	--	--
218	-53.53	LSB3,BSP1,ECM25,RPL19B,YSC84,RPL35A SYP1,SLA1,INP52,BZZ1,LAS17,STM1	--	--
42	-51.35	YCP4,PST2,YBR052C,YBR053C,YNL010W	--	--
52	-49.89	YOS9,HRP1,USA1,TCM10,HRD1,AEP2 HRD3,SES1	--	--
249	-49.21	MNN9,MNN10,PHO88,HOC1,MNN11,ANP1 PHB2,PHB1	--	--
440	-49.12	SIR2,BGL2,ULA1,NET1,UBA3,SER2 SIR4	--	--
235	-49.07	FBP26,SRP102,SRP101,YLR345W	--	--
230	-48.77	TUS1,PPA2,YDL203C,YPL066W,ROM2,IPP1	--	--
226	-48.07	DAK1,YBT1,SIL1,KEX2	--	--
76	-47.34	DEF1,DIG1,DIG2,VAM7,STE12,PEP1	--	--
452	-46.42	BET2,CYM1,MSS51,BET4,MGE1	--	--
143	-46.36	TID3,NUF2,SPC24,SPC25	--	212
33	-46.35	YAT1,CYC3,SWI4,MBP1,SWI6	--	161
274	-46.07	HIS7,ADE1,DHR2,HOM3	--	--

533	-45.07	MAP1,AXL1,RMD9,MEF2	-	-
171	-44.12	NTH2,BMH2,PIK1,BMH1,PSK1,NTH1 RTG2	-	-
83	-43.85	CDC47,MCM3,MYO5,MYO4,SHE2,MYO2 SHE3,CDC46,CRN1,MLC1,PDR5,CAP1 MYO1,CAP2,RAD53,CMD1,PSF3,SLD5	-	-
166	-43.72	VPS52,VPS53,VPS51,VPS54	-	-
266	-43.40	ICL1,BDF2,TSC11,PRO1,MAC1,YOL054W PSD2,IML1,RPL38,ECM5,DYN1,VTH2 HAT1,NMD5,LIP2,USO1,YFR006W,GLY1 MSB1,TEL1,YPR077C	-	-
22	-43.07	AYR1,GPA2,YDR061W,HST1	-	-
27	-43.07	LOS1,GLO2,FCY1,ADE13	-	-
374	-43.07	YPK2,FAT1,MMM1,GCS1	-	-
157	-42.77	FAR11,TPI1,SSE2,SNT2,HFM1,FAR3	-	-
485	-42.72	DDI1,YDR262W,PMT4,ADO1	-	-
241	-42.42	BAT2,BAT1,RIC1,SUI1,RGP1	-	-
210	-42.39	SHP1,YDR049W,UFD1,CDC48,NPL4	-	-
514	-42.30	NUM1,SCS2,SWH1,OSH2,OPI1,STT4 PIL1	-	-
502	-42.13	HRK1,YNL187W,SAP190,YKL195W,SAP185,FAB1 SIT4,MDS3,AVT4,SAP155,CDC25	-	-
41	-42.07	MTO1,SEY1,BTS1,YNL045W	-	-
511	-42.07	FAS2,YKR079C,YMR099C,NUC1	-	-
35	-41.98	PSP2,SCD6,HMT1	-	-
436	-41.73	OYE3,COQ2,OYE2	-	-
189	-41.46	CDC37,ATP3,ATP7,ATP1,ATP5	420.50	226
401	-41.36	BCY1,TPK2,TPK1,TPK3	110	-
15	-41.07	STE11,STE50,PUT1,YMR315W	-	-
244	-40.89	YMR187C,RAD23,YDR314C,EFB1,RAD4,CAM1 SRO7,HSL1	-	-
8	-40.73	MOB1,DBF20,GTT3	-	-
329	-40.72	TIP41,YER140W,DGA1,YOR154W	-	-
358	-39.98	POL32,CDC2,HYS2	410.40.90	239
371	-39.72	TUP1,CYC8,YMR196W,CRP1	-	-
421	-39.12	AMN1,ESP1,YGR203W,YCR015C,GTR2,SPT16 POB3	-	-
30	-39.07	RTG3,RTG1,YIL172C,SAC6	-	-
517	-39.07	KCS1,MOT2,SEL1,GYP1	-	-
101	-38.72	SNZ3,SNZ2,YHR029C,SNZ1	-	-
490	-38.07	KKQ8,PRO3,NCP1,COT1	-	-
124	-37.98	YDR444W,YPR1,TRL1	-	-
168	-37.98	BNA5,WHI4,HIS2	-	-
186	-37.98	HSL7,YCR051W,VTH1	-	-
269	-37.98	CDC8,YLR422W,YEL048C	-	-
318	-37.98	HUL5,ARG82,YLR179C	-	-
377	-37.98	RRB1,YIL108W,GYP6	-	-
497	-37.98	IPL1,GPI13,CWC27	-	-
77	-37.98	GPM3,YJL010C,RTT103	-	-
381	-37.72	ROT2,ERV46,ERV41,YDR221W	-	-
231	-37.42	NVJ1,PRP28,TOS4,PAN3,PAN2	-	-
402	-37.35	YJR014W,YNR029C,YER007CA,YKR018C,TFA1	-	-
211	-37.34	SXM1,ECM1,RLF2,CAC2,MSH1,LYS2	-	-
182	-37.07	RSP5,YKR021W,YJL084C,YHR131C	-	-
19	-37.07	NMD2,YEL047C,NDC1,YER156C	-	-
109	-36.98	YNL134C,ATG21,YPL225W	-	-

297	-36.98	CYT1,YIP3,EBS1	-	-
447	-36.98	AFG2,SPE3,SPE4	-	-
457	-36.98	UBC6,YOL125W,YRB30	-	-
462	-36.98	RAD26,GRE3,INM1	-	-
49	-36.98	YDR531W,HOG1,YOR111W	-	-
550	-36.98	OSM1,CBF2,GPB1	-	-
451	-36.72	LAS21,YMR163C,ESS1,HNT2	-	-
326	-36.49	MUM2,YPL183C,SPO14,ICL2,YGL036W	-	-
525	-36.36	BUB3,DRE2,TAH18,BUB1	-	-
257	-36.22	PTC2,YDR071C,PTC3	-	-
58	-36.01	YGR206W,VPS28,STP22,SRN2	-	-
121	-35.98	YML096W,PHM8,PDC5	-	-
175	-35.98	GCV3,SPI1,YNL040W	-	-
184	-35.98	RAM2,CDC43,RAM1	180.20	165
407	-35.98	YOR021C,MET14,YPR169W	-	-
46	-35.98	PNT1,HSP78,ZPR1	-	-
47	-35.98	YPR022C,YLR187W,TRM10	-	-
88	-35.98	BUD6,PUT2,ATG4	-	-
513	-35.92	CCP1,LSP1,ICT1,MRP8,GDH2,YLR287C	-	-
347	-35.05	YMR258C,GDH3,CEG1,MRS6,YPT52,GDH1 SKP1,CET1	-	-
133	-34.98	VPS4,BRO1,SNF7	260.70	-
162	-34.98	SAM4,RDH54,APT1	-	-
205	-34.98	ADE4,CYS3,RNA1	-	-
229	-34.98	GPB2,BNA4,YHR133C	-	-
265	-34.98	ARO9,PSP1,PIB1	-	-
280	-34.98	ACF2,RPO41,ECM4	-	-
32	-34.98	CPR4,YDR476C,DST1	-	-
320	-34.98	GLN4,YOR352W,SSL2	-	-
355	-34.98	CWH41,CBP2,KOG1	-	-
388	-34.98	CAR2,SKY1,OCH1	-	-
392	-34.98	DBP7,YAL049C,STE5	-	-
433	-34.98	YJL055W,GUT1,MNR2	-	-
449	-34.98	ARE2,NDE1,DNF2	-	-
508	-34.98	YGR111W,CNM67,NPT1	-	-
55	-34.98	DML1,YOR356W,YDR063W	-	-
9	-34.98	SBE22,RUD3,YCF1	-	-
149	-34.94	CCT3,CCT6,CCT7,PLP2,VID27,CCT4 CCT2	130	-
476	-34.62	GID7,VID28,FYV10,VID30,GID8,VID24	-	-
414	-34.36	YMR293C,PET112,YPL247C,YAK1	-	-
291	-34.07	MAS2,SMC4,DPH5,MAS1	-	-
397	-34.07	VAS1,ARC1,HEM13,MES1	-	-
500	-34.01	COX4,COX5A,COX6,COX9	420.40	-
152	-33.98	YBR246W,SCW4,EMP70	-	-
178	-33.98	DDP1,HPR5,ABC1	-	-
199	-33.98	YLR460C,YIL083C,RPS29B	-	-
203	-33.98	ENT1,YER080W,YGR207C	-	-
237	-33.98	PAN6,NPY1,MUK1	-	-
253	-33.98	FKH1,MGM1,ASI3	-	-
365	-33.98	YLR407W,GCV2,YML081W	-	-
450	-33.98	YDR020C,YBR030W,UBP12	-	-
543	-33.72	PCS60,BDF1,PSR2,KTR7	-	-
25	-33.23	TOA2,CTL1,TOA1	510.50	58
292	-33.23	MUD2,PMI40,MSL5	-	-
300	-33.23	RNH201,OM45,RNH202	-	-

474	-33.23	AAH1,YHR182W,YBR280C	-	-
487	-33.07	YBR162C,SCJ1,HOM6,CTM1	-	-
102	-32.98	BIG1,YOL057W,YPR125W	-	-
14	-32.98	MET2,SPE2,ERG12	-	-
155	-32.98	NOT5,CDC36,ATP11	510.190.110	-
198	-32.98	ALO1,NUP157,YBR070C	-	-
321	-32.98	ZWF1,GRX5,FOB1	-	-
428	-32.98	YDR198C,YKL215C,ABP1	-	-
444	-32.98	APT2,YER113C,FOL3	-	-
458	-32.98	SPF1,BUL2,YIL110W	-	-
466	-32.98	RAD30,YTA6,MSC1	-	-
483	-32.98	SDS23,COQ3,HOS3	-	-
491	-32.98	LSB1,UPC2,GZF3	-	-
547	-32.98	IFM1,YPR148C,GGA1	-	-
119	-32.73	RIM1,YDR539W,CWP1	-	-
348	-32.73	CAF17,YLR108C,MSY1	-	-
313	-32.36	YKL088W,PPZ1,VHS3,SSA3	-	-
100	-32.23	RHC18,TSR2,YLR177W	-	-
112	-32.23	YBR204C,ATP12,FMC1	-	-
217	-32.23	CWH43,TRR1,TRR2	-	-
306	-32.22	HEM2,TIM44,GLC3	-	-
145	-31.98	SFB3,ERG10,PKH1	-	-
194	-31.98	ATG3,CHS1,COX20	-	-
278	-31.98	LIP5,YPR152C,YOL083W	-	-
336	-31.98	PET10,RNH1,RMS1	-	-
36	-31.98	COS7,OSH7,FMT1	-	-
370	-31.98	ARG3,YOR286W,MCT1	-	-
43	-31.98	URA6,KAP120,URA5	-	-
439	-31.98	SKN7,STV1,RDI1	-	-
472	-31.98	YMR185W,DIA1,YHL017W	-	-
496	-31.98	GEA1,YJL049W,MID1	-	-
110	-31.36	YNL168C,YEL041W,UTR1,ISN1	-	-
283	-31.36	RHR2,EMP46,SSP120,EMP47	-	-
202	-31.35	RVS167,SLS1,ADH3,MTF2,RVS161	-	-
18	-31.23	ASN1,PRR1,ASN2	-	-
187	-31.23	THP1,SAC3,CDC21	-	-
378	-31.23	DJP1,LYS7,SOD1	-	-
386	-31.23	YDR267C,SDH1,SDH2	420.20	-
62	-31.23	PEX5,VPS21,MMT1	-	-
196	-30.98	TRX1,PGM1,ARO7	-	-
288	-30.98	YLR426W,DCS1,ALD2	-	-
289	-30.98	ECM21,GRX1,LYS21	-	-
307	-30.98	CLA4,LEU1,STE20	-	-
368	-30.98	MET4,KIN1,ADE12	-	-
393	-30.98	YPL088W,ALD4,TPM1	-	-
480	-30.98	YPD1,YDL144C,YNL157W	-	-
91	-30.98	IFH1,UBA4,CTF4	-	-
98	-30.98	UBP13,YOL087C,AIP1	-	-
79	-30.82	BUD14,SOL2,GSY2,YPL137C,ADE17,RPS29A ADE16,RPS21B,SDS22	-	-
301	-30.73	COQ1,SAC7,ALD5	-	-
277	-30.49	RDS3,HSH49,YDL033C,YGL039W,YBL104C	-	-
6	-30.48	VMA6,NCE102,GAS1,CSF1,VTC4,VPH1 VAC8	-	-
2	-30.36	YHL035C,UBC1,RTT105,YGR266W	-	-
328	-30.23	DBR1,YGR093W,RCK2	-	-

434	-30.23	LAP4,YOR251C,REV1	-	-
453	-30.23	HIS6,YML119W,YLL032C	-	-
471	-30.23	NNF2,YEL043W,GTT1	-	-
308	-30.21	SWI3,SNF12,SNF5,SNF2,SNF6,TAF14 SWI1,SNF11,YFL049W	510.190.50	193
234	-30.07	REX2,YMR027W,PCL6,PBP2	-	-
1	-30.01	YOR227W,RLP24,PEX14,PEX17	-	-
129	-29.98	LAP3,KES1,MET17	-	-
3	-29.98	LSB5,UBC8,VHS1	-	-
31	-29.98	GTR1,GLC8,DBF2	-	-
398	-29.98	PRK1,GAS3,PEX13	-	-
57	-29.98	RNH70,NEO1,CTR86	-	-
74	-29.98	CTK3,CTK2,CTK1	510.110	189
78	-29.98	RTT107,PHO91,PHO3	-	-
132	-29.42	CLC1,END3,CHC1,PAN1,SLA2	-	-
163	-29.23	PMT2,RPS12,WHI3	-	-
225	-29.23	LSC1,PHO87,LSC2	485	-
295	-29.23	SAS5,UBP8,WFM2	-	-
327	-29.10	VPS27,HSE1	-	-
399	-29.07	THR1,CHS2,RIB7,YOR129C	-	-
188	-28.98	YIM1,SLY41,TAT2	-	-
220	-28.98	MGS1,PCM1,NAS6	-	-
290	-28.98	YBL111C,YGL101W,SFL1	-	-
309	-28.98	ATM1,YGR198W,CBP3	-	-
475	-28.98	GIS4,SLY1,YMC2	-	-
481	-28.98	MET7,ATP4,MNS1	-	-
492	-28.98	KIP3,CDC14,BUL1	-	-
530	-28.98	SEC14,YGL157W,RKI1	-	-
71	-28.98	CDC15,MON2,YPL030W	-	-
344	-28.73	XKS1,IST1,CDC5	-	-
197	-28.72	SCO1,COX15,ASK10,GUK1	-	-
136	-28.49	MAK31,MAK10,MAK3	-	-
104	-28.23	EST3,YER004W,YNL092W	-	-
106	-28.23	YNL191W,BEM3,YBR281C	-	-
272	-28.23	YAE1,YNL260C,LST8	-	-
38	-28.23	HSP31,YJR136C,YKL033W	-	-
515	-28.23	DYS1,YIR036C,DIA4	-	-
89	-28.23	MAD1,MAD2,HEM12	-	-
96	-28.23	SGT2,YBR137W,YOR164C	-	-
527	-28.16	BUD31,PRP22,ISY1,PRP45,LIN1,CDC40 CWC22,PRP2,CEF1,IST3	-	-
39	-28.07	TOP2,VPS3,YKR017C,YJL207C	-	-
443	-28.07	SET2,MOD5,BIM1,PDC2	-	-
20	-27.98	KIN82,SCH9,APD1	-	-
224	-27.98	YMR178W,ALG1,YLR089C	-	-
242	-27.98	PUF4,SLF1,CNA1	-	-
380	-27.98	YAP1802,YDR117C,ARL1	-	-
387	-27.98	PXR1,TRM5,YGR149W	-	-
422	-27.98	HXK1,GRX3,IRR1	-	-
456	-27.98	SCW11,YGR031W,DTD1	-	-
7	-27.98	ALR1,TFA2,YMR071C	-	-
238	-27.79	SHE4,MPA43,MYO3,ABZ1	-	-
254	-27.72	LCP5,LIA1,YLR168C,FAP7	-	-
141	-27.49	YHR034C,KTR6,HSP82,SWR1,BEM4	-	-
357	-27.49	HAP2,HAP3,HAP5	510.160	-
346	-27.34	CHS5,YKR027W,CHS6,RPS26B,YMR237W,BUD7	-	-

164	-27.23	SWC4,YPR097W,COQ5	-	-
250	-27.23	SBA1,SLU7,PRP18	440.30.10	-
255	-27.23	ELC1,RAD7,GCV1	-	-
260	-27.23	CIN4,APP2,GYP5	-	-
319	-27.23	CNB1,MKK1,CMP2	100	-
426	-27.23	NGL2,OXR1,BAS1	-	-
432	-27.23	CEP3,HFA1,GAL80	-	-
312	-26.98	YAL061W,FPR3,GRX4	-	-
340	-26.98	IDI1,YMR262W,TAH11	-	-
464	-26.98	YNL108C,YCR043C,GPD2	-	-
482	-26.98	FTH1,FET5,YBR028C	-	-
501	-26.98	DOA1,GLR1,AAT1	-	-
69	-26.98	YBR225W,YJL200C,YOR131C	-	-
85	-26.73	UGA1,YAL048C,NDT80	-	-
239	-26.24	YIR035C,FAR8	-	-
372	-26.23	NMA2,NMA1,STB6	-	-
430	-26.23	ADK1,FIG4,TAP42	-	-
470	-26.23	ERG27,ERG7,SDS24	-	-
302	-26.07	SIS1,BOI2,BEM1,CDC24	-	-
11	-25.98	YOR006C,HST2,SPC2	-	-
142	-25.98	CYK3,YIH1,BRF1	-	-
177	-25.98	GSF2,HOR2,FUN30	-	-
285	-25.98	SOP4,FRQ1,CDC54	-	-
519	-25.98	HBS1,GDA1,SUR2	-	-
115	-25.72	DRS2,YML072C,BUD9,YAL053W	-	-
180	-25.49	NUP53,NUP170,HMS1	-	139
95	-25.42	YDR196C,YFL044C,CDC6,ARR4,RMD7	-	-
170	-25.23	NTA1,MNN4,CAJ1	-	-
538	-25.23	NKP2,YJR110W,BNA3	-	-
535	-25.20	YPL206C,FAA4,NUP188,HUA2,YGL082W,YOR051C	-	-
140	-24.98	YMR299C,GCR2,GND1	-	-
144	-24.98	CTP1,YIL055C,PDS5	-	-
16	-24.98	SNA2,PPT1,DOT5	-	-
268	-24.98	ATG2,ATG18,SEC1	-	-
337	-24.98	YKR088C,YBR007C,GLO3	-	-
352	-24.98	YMR110C,FAR1,RGD2	-	-
425	-24.98	KIP1,CDC45,YMR226C	-	-
469	-24.98	GIS2,HNT1,YNL155W	-	-
498	-24.98	RIM20,CUS2,MRPL19	-	-
540	-24.98	TIP1,YDR084C,YOL032W	-	-
56	-24.98	ROX1,AKL1,URA4	-	-
86	-24.98	HEM1,RBK1,GGA2	-	-
99	-24.98	RSA1,MCM6,YJR142W	-	-
111	-24.72	CHD1,YTA7,YPT7,VRP1	-	-
107	-24.23	YPL222W,RPS2,HIS3	-	-
118	-24.23	APN1,YOR262W,HEF3	-	-
363	-24.23	DPM1,SMC2,YCG1	-	-
429	-24.23	YIL001W,CUL3,YLL012W	-	-
221	-23.98	CCH1,ADR1,YGR205W	-	-
284	-23.98	BUD22,NGL3,PHO8	-	-
446	-23.98	MSW1,XDJ1,SSF2	-	-
503	-23.98	YHR009C,MAL32,PIR1	-	-
50	-23.42	YHR121W,NIF3,AVO1,PUF3,PBP1	-	-
437	-23.26	YRA1,HRB1,SUB2,MFT1,TEX1,THP2 HPR1,RLR1	-	73
44	-23.24	PRM8,ATG20	-	-

353		XBP1,ARP1,YIL077C	-	-
367	-23.23	BSD2,OAC1,RTS2	-	-
524	-23.23	MAK11,ERG24,YDR458C	-	-
73	-22.72	TKL2,ECM39,MET6,TKL1	-	-
40	-22.49	YCL046W,MHP1,YML030W	-	-
261	-22.43	TSC13,FRS1,BNI1,FRS2	-	-
181	-22.42	GIN4,YAL027W,YOL070C,KCC4,NIS1,RAD1 HTZ1,HMO1,RAD10	-	-
521	-22.36	EHT1,SEN2,TUF1,YGL242C	-	-
153	-22.23	SOL4,NAB2,PEX11	-	-
351	-22.23	ARA1,BUB2,PEA2	-	-
526	-22.23	YOR298W,PHR1,HEM3	-	-
10	-21.98	KEL3,YML059C,ARO4	-	-
223	-21.98	CMK2,YDR348C,EDE1	-	-
256	-21.98	LYS5,PIM1,YGR250C	-	-
45	-21.98	YPR004C,DEG1,YHL021C	-	-
506	-21.98	MDM38,SLG1,SME1	-	-
63	-21.77	PDX1,PDA1,PDB1,"DUR1+2",LAT1,TCM62	390	-
545	-21.72	BOI1,IWS1,SPT6,YBR238C	-	-
343	-21.23	LRG1,PUP2,LAG1	-	-
520	-21.23	ATG1,ATG13,ADE6	-	-
536	-21.10	RAS1,ALA1	-	-
130	-20.98	UBA2,AOS1,AMS1	-	-
173	-20.98	FSH2,SMY2,YHR113W	-	-
438	-20.98	KEX1,CKI1,PAM1	-	-
97	-20.98	FES1,MDG1,YGR001C	-	-
305	-20.34	NAT1,ENO1,SPO7,ARD1,NEM1,PKC1	-	-
258	-20.23	HPT1,FCP1,TYE7	-	-
127	-20.19	DUO1,BLM3,YMR310C,PRE10,PRE8,PRE3 SPA2,SLX9,INO4,NUD1	-	-
105	-20.07	MSS116,PRS5,YAP3,YJL171C	-	-
114	-19.98	GSH2,STI1,YDR338C	-	-
541	-19.98	TAL1,MPD2,YBP1	-	-
303	-19.94	MDM10,YHM2,MPM1,YER053C,TOM40,RPS25B YGR130C	-	-
92	-19.72	NFU1,CTF8,YOR271C,SBE2	-	-
21	-19.49	APL1,APM4,RPS6A,APL3,APS2	260.20.20	-
384	-19.36	SLN1,PTK1,SUM1,SRL2	-	-
195	-19.23	KEL2,YBR287W,YGR068C	-	-
200	-19.10	YGL232W,SKI8	-	-
116	-18.98	NDI1,YIL041W,YPL109C	-	-
263	-18.98	RIB1,YGR021W,MCM1	-	-
528	-18.98	YJR119C,KHA1,YNL313C	-	-
191	-18.49	YMR010W,UME6,DOT6	-	-
222	-18.36	CCA1,VTC3,RMD8,YKL065C	-	-
445	-18.23	EAP1,GSY1,ABD1	-	-
5	-18.23	DNF1,GCD14,GCD10	-	50
243	-18.07	YJR072C,MOG1,GSP2,YER139C	-	-
548	-18.01	ECM14,NSR1,PPN1,IMD1	-	-
209	-17.98	SHE9,YLR301W,TYR1	-	-
333	-17.72	YNL193W,AAC3,IDH1,SHM2	-	-
26	-17.42	NAR1,YDJ1,RAD3,MET18,YHR122W	-	-
366	-17.23	ARO3,BCS1,HXT4	-	-
389	-17.23	STE2,YKR043C,YNL276C	-	-
270	-16.98	SMP2,YDR330W,VTC1	-	-
463	-16.98	YJR011C,YOR004W,YLR454W	-	-

314	-16.72	YLR404W, YKR089C, YGR016W, YGR102C	-	-
359	-16.48	RAD50, FUR4, IDP1, UBP3, VID22, BRE5 TOR1	-	-
61	-16.43	RNA15, PCF11, HTA1, CLP1	440.10.10	-
488	-16.23	RER2, KRE6, MGA2	-	-
66	-16.23	HIS4, URK1, NGL1	-	-
271	-15.98	ATG23, PCT1, YPR114W	-	-
364	-15.98	TAT1, YGR210C, PUF2	-	-
376	-15.98	SAC1, HSP104, TOM70	-	-
400	-15.98	PUS1, RAD9, MDH3	-	-
419	-15.98	STE24, DLS1, YME1	-	-
48	-15.23	UGP1, YKL161C, IES2	-	-
125	-15.20	YGR173W, NOP16, RRS1, GIR2, CIN1, RPL43A	-	-
420	-15.07	LOT5, YPR174C, SUT1, FUN19	-	-
409	-14.98	DOM34, YBR139W, RAP1	-	-
53	-14.98	HXT7, NBP35, PUS4	-	-
341	-14.96	YIR003W, YER071C	-	-
394	-14.72	PTC4, YDR186C, SPP381, MRPL38	-	-
542	-14.72	DDR48, YJU2, PTC1, ENT2	-	-
423	-14.49	KTR2, GPI17, YUR1	-	-
454	-14.49	ZRC1, YMR209C, YKR022C	-	-
227	-14.23	SAP4, PDR12, SUR7	-	-
28	-14.23	NMD4, RIB3, YDL099W	-	-
413	-14.23	YBR056W, YCR060W, RPA34	-	-
93	-13.98	RSR1, YLR022C, YOR252W	-	-
455	-13.72	PYK2, YLR143W, SFP1, YKR090W	-	-
158	-13.61	DHH1, KRS1, PRP24, LSM5, LSM7, LSM1 PRP38, PAT1, LSM3	-	161
148	-12.98	SER1, HAL9, PMP1	-	-
179	-12.34	RPL23A, YOL098C, YPL208W, RPL23B, SSA4, BCP1	-	-
245	-12.20	YOL063C, YPL184C, MSN2, SOL1, RTT101, STE23	-	-
354	-11.98	ULP2, CRZ1, PRX1	-	-
473	-11.98	SKS1, MCR1, GYP7	-	-
415	-11.73	ARF2, UBP6, SCC2	-	-
214	-11.34	DPB4, DPB3, TOP1, HTB2, POL2, DPB2	-	128
385	-10.77	SEN54, TAO3, VAC14, SUP45, SUP35, YJL016W	-	-
34	-10.49	UTP14, SYS1, PDR16, RRP7, YLR003C	-	-
120	-10.24	DOS2, KRE2	-	-
60	-10.23	CDC60, UTP5, CAR1	-	-
23	-9.98	CAF20, NHP6B, PFK26	-	-
282	-9.98	ECM17, CDC9, SHO1	-	-
206	-9.72	WRS1, CMK1, TDH2, TSA1	-	-
174	-9.36	SNL1, KIC1, YLR173W, SOG2	-	-
113	-9.23	YAP7, NCL1, YML131W	-	-
185	-9.23	UBA1, SQT1, YDR415C	-	-
137	-8.98	YDR391C, HTS1, OLE1	-	-
405	-8.98	HCH1, YDL086W, YNL247W	-	-
523	-8.98	NUP133, TAF13, MET3	-	-
165	-8.73	YMR134W, YML018C, PHO86	-	-
151	-8.23	FYV8, THI3, RGD1	-	-
373	-8.23	ARK1, MCK1, YNL227C	-	-
246	-7.98	YKL047W, SCS7, HAM1	-	-
332	-7.98	YPL236C, MDJ1, NCB2	-	-
418	-7.46	YNL119W, ERG13, RPL24A, RPS25A, RRN3	-	-
169	-7.23	GDB1, NUP192, HSP26	-	-
94	-7.23	SOH1, IMH1, LCB4	-	-

176	-7.08	TSR1,BUD23,YIL151C,GCN2,YGR054W,LTV1 RIO2,RPS21A,YKR096W,NOB1,RPS28B,HRR25	-	-
294	-6.98	TFS1,DBP6,PRC1	-	-
390	-6.98	IPK1,YER134C,YPR089W	-	-
138	-6.72	PWP1,POL5,RPL15B,YPL207W	-	-
84	-6.66	APL2,APM1,YFL034W,APS1,APM2,APL4 HEK2	260.20.10	-
82	-6.39	SCC4,HOM2,SMC1,MCD1,SMC3	-	214
499	-6.26	DOP1,THS1,DPL1,LAC1,BUD2,MAM33 PTM1,PET9	-	-
251	-5.42	TYS1,LCB1,SKT5,LCB2,ELA1	-	-
435	-5.42	CPA2,YLL022C,HAT2,CPA1,HSM3	-	-
156	-4.98	SAH1,CAF16,KRI1	-	-
64	-4.98	CBK1,TOM20,ABF1	-	-
486	-4.38	YLR215C,UBP1	-	-
427	-4.23	ILV3,CSM3,TOF1	-	-
442	-3.98	YHR036W,HIS1,LSM8	-	-
204	-3.23	YKL100C,ASP1,ESC8	-	-
29	-3.23	DIN7,RPS19A,POM152	-	-
510	-3.07	YIL090W,TRM8,TRM82,MVP1	-	-
128	-2.07	YMR31,KGD2,LPD1,KGD1	20	-
248	-1.38	MAM3,ERP4	-	-
315	-0.98	DLD1,YGR017W,VIP1	-	-
411	-0.98	KTR3,YFR044C,YGR026W	-	-
342	0.02	MET16,PIN4,YAP1801	-	-
264	0.58	YPL009C,EGD2,RPL18A,SHM1,DBP2	-	-
375	0.77	SSK2,PBS2,SSK1	-	-
529	1.02	GAR1,RIB2,PCL7	-	-
518	2.02	PDR15,OSH6,YBL113C	-	-
369	2.66	RRP8,TBF1,KAP114,NAP1,IOC3,YLR455W	-	-
293	2.93	ARF1,IES5,ADE5-7,ERG25	-	-
24	3.02	TAF2,TAF8,TEF4	-	136
81	3.27	CNS1,HGH1,PRP12	-	-
17	3.58	SGN1,NPL3,NAM7,NRP1,PUB1	-	-
59	3.72	HMG2,HMG1,AFG3,RAD51,YTA12	-	-
478	3.89	RPL11B,RPS16A,RPL35B,RPL33B,RPS14A,RPS24A RPS18A,TFB3,RPL26B,RPL36A,DCS2,CCL1 RPL14B,KIN28	-	-
215	4.77	SVL3,CIT1,MRS4	-	-
219	6.02	SSF1,YOL022C,VPS74	-	-
546	6.04	MET10,TIF1	-	-
13	6.27	MBA1,COQ6,ROX3	-	-
516	7.77	YFL046W,SLC1,ERV29	-	-
468	8.02	GSH1,ALD6,IDH2	-	-
507	8.02	SCS3,YMR031C,NHP2	-	-
296	8.62	PET56,YDR161W	-	-
12	8.95	SNU13,YOR1,RPS16B,RPL31A,RPS18B,RPP2B	-	-
80	10.48	SMI1,JSN1	-	-
236	10.74	RAT1,RPS10A,ZUO1,SSZ1,RAI1,YAL036C RPS20,SCP160	-	-
395	11.52	YKU80,YKU70,YIL130W,REB1,YIL056W,NHP6A RFX1	-	-
406	12.02	PMR1,PSD1,SMX3	-	-
139	14.02	YHM1,COQ4,HTL1	-	-
494	14.97	RPL24B,YHB1,MKT1,YFL052W,APE2,ACO1 MDH1	-	-
126	15.44	TIF34,SUI3,GCN3,YDR091C,GCD11,HCR1	-	-

396	19.23	RPS6B,YLR257W,FDH1,SUA7,IST2,GLT1	-	-
349	19.76	GPT2,ERG26	-	-
228	20.93	VPS71,COX13,MSC7,SMX2	-	-
489	22.57	ILV2,DNM1,NPR1,ERG1	-	-
356	26.02	IXR1,OXA1,GPI10	-	-
330	27.61	PRS3,TCP1,URA7,YBL036C,PRS1	-	-
304	28.58	UBP2,NOP13,OAF1,YKR023W,YOR138C	-	-
317	28.58	YBR159W,PDR1,SEC2,HIR2,SPT15	-	-
122	29.58	AHA1,TRP3,TRP2,YKL218C,NOT3	-	-
311	30.15	ULP1,NUP2,NUP1,YNL224C,KAP95,PSE1 NUP60	-	139
207	31.54	FAL1,YOR086C,RPL18B,ATG9,RPS7B	-	-
190	31.79	SEC31,SEC16,CYS4,YDR517W,SEC13,SEC23 SEC24,SFB2	260.30.20	-
90	32.66	LSG1,CGR1,YBR267W,NMD3,RPL9A,BUD20	-	-
273	35.54	ACS2,YER036C,RNR1,SAM2,NEW1	-	-
479	38.43	RSC2,RSC9,ISW2,RSC4,HHF1,RSC1 RSC3,STH1,ARP9,ISW1,SFH1,NPL6 RSC58,RSC30,MOT1,RSC8,VPS1,HTA2 ABF2,RTT102,ARP7,HTB1,RSC6,ITC1	-	-
324	44.06	TOM71,BFR1,RPL14A,RPS15,RPL9B,YLR072W MED2	-	-
286	53.51	POR1,FAP1,YIL161W,FPR1,HHT1,SUR4	-	-
108	64.04	IMD4,IMD2	-	161
495	70.04	FKS1,SEC7	-	-
208	79.08	ALG11,ERD2,DED81,UFD4,ABP140,CRD1	-	-
70	82.90	LYS12,TIF2	-	-
335	83.69	RPL11A,RPL16B,RPS14B,RPL13A,RPL15A,RPL12A RPL33A,RPL6B	500.40.10	-
72	89.47	RPL28,RPL12B,RPL27A,RPL8A,MIS1	500.40.10	-
54	89.51	PFK2,EFT1,PFK1	340	-
410	96.04	HSP60,HSP42	-	-
4	108.02	UTP11,YNR054C,DBP8,BUD21,RML2,NOP6 HCA4,YDR365C,MVD1,ERO1,RPL19A	-	-
316	110.97	SEC53,MAE1,ILV5,VPS13,TDH1,ADE3 DLD3,TRM3,MSN5,GRS1,CSE1,FUR1 SAR1,APA1,YDR341C,TOM1,YNK1,ILS1 ACC1,AAP1',DPS1,ILV6	-	-
201	112.79	ARP8,RVB2,ARP5,IES3,RVB1,NHP10 ACT1,INO80,IES1	-	-
87	120.23	KAP104,GEA2,MIR1,CRM1,MTR10,YHR020W	-	-
232	140.17	RPS1A,SSB2	-	-
461	155.04	HHF2,RPS0B	-	-
477	162.47	FBA1,TDH3,ENO2,PGK1,GPM1	-	-
131	170.64	YBR025C,TFP1,GCN20,ATP2	-	-
298	174.04	SSE1,KAR2	-	-
150	197.79	SBP1,KEM1,RPS10B,CDC33,TIF4631,CBF5 SRO9,GBP2,TIF4632	-	-
350	244.43	FAS1,HSC82,YEF3,PDC1,PGI1	-	-
345	262.37	ILV1,CLU1,ARO1,RPA135,SAM1,YGL245W EFT2,TUB3	-	-
412	336.96	RPS5,RPS22A,ASC1,RPS9A,RPS24B,RPS11B RPS13,RPS22B,RPS9B,RPS11A,RPS8B	500.40.20	-
75	2410.53	RPL10,RPS4B,RPL3,IMD3,PAB1,RPS17B RPL16A,RPL1A,RPL13B,RPL20A,RPS17A,RPL30 RPS3,RPL2A,RPL2B,RPL4A,RPL7B,RPL8B RPL27B,RPL4B,RPS4A,RRP5,RPS7A,RPL1B	500.40.10	-

424	5668.86	KAP123,PSA1,URA2,CDC19,TEF1,RPS0A RPL5,VMA2,RPP0,SSA2,ADH1,TUB2 TEF2,GFA1,TUB1,SSB1,GCN1	-	-
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