Supplemental Table 1. Yeast gene deletion mutants with increased sensitivity to low zinc.

ORF	Gene	5 generations	15 generations
YOR216C	RUD3	-1.2	-5.3
YNR051C	BRE5		-5.1
YDR149C		-0.9	-4.6
YHR030C	SLT2		-4.6
YCR068W	ATG15	-1.2	-4.45
YPL195W	APL5		-3.95
YDR225W	HTA1	-2.1	-3.9
YDR455C		-0.7	-3.9
YKL048C	ELM1	-0.7	-3.9
YNL329C	PEX6		-3.9
YMR073C	IRC21		-3.9
YHR129C	ARP1	-1.3	-3.85
YDR265W	PEX10		-3.8
YOL012C	HTZ1		-3.75
YOR360C	PDE2	-1.2	-3.75
YGR184C	UBR1	-1.75	-3.7
YLR425W	TUS1		-3.7
YMR294W	JNM1	-1	-3.65
YGL153W	PEX14		-3.6
YKR035W-A	DID2		-3.6
YBR288C	APM3		-3.55
YFL032W		-1.15	-3.5
YBR131W	CCZ1		-3.5
YGR077C	PEX8		-3.5
YJL024C	APS3		-3.5
YJL211C			-3.5
YER167W	BCK2	-1.1	-3.45
YFR040W	SAP155	-1.7	-3.45
YHR079C	IRE1	-1.45	-3.4
YJL080C	SCP160	-1.7	-3.3
YBR227C	MCX1		-3.3
YDL203C	ACK1		-3.3
YMR284W	YKU70		-3.3
YMR275C	BUL1		-3.3
YPL120W	VPS30		-3.25
YDR414C	ERD1		-3.25
YOL044W	PEX15		-3.2

YKL197C	PEX1		-3.15
YJR117W	STE24		-3.1
YIL090W	ICE2	-1.1	-3.1
YMR263W	SAP30	-0.7	-3.1
YDR456W	NHX1	-	-3.1
YGR133W	PEX4		-3
YDL118W		-1.2	-3
YNL324W			-3
YML055W	SPC2	-1.5	-2.9
YCR036W	RBK1	-0.95	-2.9
YAL055W	PEX22		-2.9
YDL065C	PEX19		-2.9
YNL067W	RPL9B		-2.9
YDR329C	PEX3		-2.85
YGL256W	ADH4		-2.85
YMR304W	UBP15	-1.45	-2.8
YNL325C	FIG4	-0.7	-2.8
YBL083C			-2.8
YLR055C	SPT8	-1.1	-2.75
YIL148W	RPL40A	-0.8	-2.75
YAL040C	CLN3	-1.4	-2.7
YBR103W	SIF2	-1.55	-2.7
YLR191W	PEX13		-2.7
YPR201W	ARR3		-2.7
YKL037W			-2.7
YDR443C	SSN2		-2.7
YGR261C	APL6		-2.7
YKL190W	CNB1		-2.7
YNL025C	SSN8		-2.7
YMR106C	YKU80		-2.65
YNR029C			-2.6
YBR291C	CTP1		-2.6
YGL152C			-2.6
YER059W	PCL6	-0.85	-2.55
YKL114C	APN1	-1.45	-2.5
YBR298C	MAL31	-0.8	-2.5
YLR360W	VPS38		-2.5
YMR299C	DYN3		-2.5
YLR373C	VID22	-1	-2.45
YPL152W	RRD2	-0.95	-2.45
YPL174C	NIP100	-0.8	-2.45
YCR081W	SRB8		-2.45
YDR335W	MSN5		-2.45
YCR033W	SNT1	-0.85	-2.4
YDR150W	NUM1	-0.7	-2.4
YNL264C	PDR17		-2.4

		1	1
YCR026C	NPP1	-0.7	-2.4
YEL031W	SPF1	-1.25	-2.35
YBR249C	ARO4		-2.35
YCL005W	LDB16		-2.3
YGL124C	MON1		-2.3
YKL032C	IXR1		-2.3
YGR284C	ERV29		-2.3
YOL115W	PAP2		-2.3
YML115C	VAN1		-2.25
YNL016W	PUB1		-2.2
YDR486C	VPS60		-2.2
YCR009C	RVS161		-2.15
YEL029C	BUD16		-2.15
YLL049W	LDB18		-2.1
YFL031W	HAC1		-2.1
YBL039C	URA7		-2.05
YJR044C	VPS55		-2.05
YER161C	SPT2		-2.05
YDL226C	GCS1		-2.05
YOR322C	LDB19		-2.05
YMR016C	SOK2		-2
YOR124C	UBP2		-2
YLL038C	ENT4	-0.8	-2
YDL074C	BRE1		-2
YIL036W	CST6		-2
YJL127C	SPT10	-0.7	-1.9
YBL031W	SHE1		-1.9
YDR043C	NRG1		-1.9
YBR023C	CHS3		-1.9
YJL036W	SNX4		-1.85
YLR436C	ECM30	-0.8	-1.8
YJL154C	VPS35		-1.8
YOL129W	VPS68		-1.8
YML071C	COG8		-1.8
YJR054W			-1.8
YCL029C	BIK1		-1.8
YNR007C	ATG3		-1.8
YGL160W			-1.8
YPL042C	SSN3		-1.8
YGL194C	HOS2	-0.9	-1.75
YCL001W-A		-0.8	-1.75
YDR005C	MAF1		-1.75
YDL066W	IDP1		-1.75
YNL291C	MID1		-1.75
YJL053W	PEP8		-1.75
YOL004W	SIN3	-1	-1.7
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YKR029C SET3 -1 -1.7 YML117W NAB6 -0.7 -1.7 YOR085W OST3 -0.75 -1.7 YBL078C ATG8 -1.7 YIL135C VHS2 -1.7 YDR388W RVS167 -1.7 YCR034W FEN1 -1.65 YKR042W UTH1 -1.65 YKR042W UTH1 -1.65 YKR042W UTH1 -1.65 YR0667C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YLR418C CDC73 -0.95 -1.6 YCR05W ROX1 -1.1 -1.6 YCR05WW ALG6 -1.1 -1.6				
YOR085W OST3 -0.75 -1.7 YBL078C ATG8 -1.7 YIL135C VHS2 -1.7 YDR388W RVS167 -1.7 YCR034W FEN1 -1.65 YRR042W UTH1 -1.65 YOR067C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YLL044C AGE2 -1.6 YCR045C -0.8 -1.6 YLL044C AGE2 -1.6 YCR045C -0.8 -1.6 YLL044C AGE2 -1.6 YLL044C AGE3	YKR029C	SET3	-1	-1.7
YBL078C ATG8 -1.7 YIL135C VHS2 -1.7 YDR388W RVS167 -1.7 YCR034W FEN1 -1.65 YKR042W UTH1 -1.65 YKR042W UTH1 -1.65 YKR042W UTH1 -1.65 YKR067C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YLL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YKL077W -1.6 -1.6 YKL077W -1.6 -1.6 YHL099C YAP3 -1.6 YHL099C YAP3 -1.6 YHR012W VPS29 -1.6 YHR012W VPS29 -1.6 YHR012W VPS29 -1.5<	YML117W	NAB6	-0.7	-1.7
YIL135C VHS2 -1.7 YDR388W RVS167 -1.7 YCR034W FEN1 -1.65 YKR042W UTH1 -1.65 YOR067C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YIL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YNL97C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YKR052C MRS4 -1.55 YKR052C MRS4 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W<	YOR085W	OST3	-0.75	-1.7
YDR388W RVS167 -1.7 YCR034W FEN1 -1.65 YKR042W UTH1 -1.65 YBR015C MNN2 -1.65 YKR04C ACC -0.8 -1.6 YCR045C -0.8 -1.6 YLL044C AGE2 -1.6 YUL044C AGE2 -1.6 YVL16W MSN1 -1.6 YPC045C ROX1 -1.6 YVD116W MSN1 -1.6 YPC050W ROX1 -1.6 YKL077W -1.1 -1.6 YKL037W VPS29 -1.6 YLL09C YAP3 -0.8	YBL078C	ATG8		-1.7
YCR034W FEN1 -1.65 YKR042W UTH1 -1.65 YOR067C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YCR045C -0.8 -1.6 YCR045C -0.8 -1.6 YCR045C -0.8 -1.6 YCL04C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YCR087W -1.1 -1.6 YKL077W -1.6 -1.6 YKL077W -1.1 -1.6 YKL077W -1.6 -1.6 YNL333W LEM3 -1.6 YNL233W LEM3 -1.6 YRC096C RNH70 -0.5	YIL135C	VHS2		-1.7
YKR042W UTH1 -1.65 YOR067C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YCR045C -0.8 -1.6 YL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YKL077W -1.1 -1.6 YKL077W -1.6 -1.6 YHXL097C YAP3 -1.6 YNL333W LEM3 -1.5 YGR276C RNH70 -0.5 -1.55 YKR052C MRS4 -1.55 YCR050C -0.9	YDR388W	RVS167		-1.7
YOR067C ALG8 -1.65 YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YIL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YKR052C MRS4 -1.55 YLR336W SKN7 -0.6 -1.55 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5	YCR034W	FEN1		-1.65
YBR015C MNN2 -1.65 YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YIL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5	YKR042W	UTH1		-1.65
YLR418C CDC73 -0.95 -1.6 YCR045C -0.8 -1.6 YIL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YKL077W -1.6 -1.6 YKL077W -1.6 -1.6 YKL077W -1.1 -1.6 YKL077W -1.1 -1.6 YKL097W -1.1 -1.6 YNL323W LEM3 -1.6 YNL323W LEM3 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YKR052C MRS4 -1.55 YKR052C MRS4 -1.55 YLR335W NUP2 -1.5 YLR335W NUP2 -1.5 YDR363W	YOR067C	ALG8		-1.65
YCR045C -0.8 -1.6 YIL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YKR052C MRS4 -1.55 YKR052C MRS4 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YKL041W VPS24 -1.5 YDR425W SNX41 <td>YBR015C</td> <td>MNN2</td> <td></td> <td>-1.65</td>	YBR015C	MNN2		-1.65
YIL044C AGE2 -1.6 YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR276C PMP3 -1.45 YDR276C <td>YLR418C</td> <td>CDC73</td> <td>-0.95</td> <td>-1.6</td>	YLR418C	CDC73	-0.95	-1.6
YOL116W MSN1 -1.6 YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YKR052C MRS4 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR276C PMP3 </td <td>YCR045C</td> <td></td> <td>-0.8</td> <td>-1.6</td>	YCR045C		-0.8	-1.6
YPR065W ROX1 -1.6 YOR002W ALG6 -1.6 YKL077W -1.6 -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR276C<	YIL044C	AGE2		-1.6
YOR002W ALG6 -1.6 YKL077W -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR25C PMP3 -1.45 YDR276C PMP3 -1.45 YDR276C PMP3<	YOL116W	MSN1		-1.6
YKL077W -1.6 YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR25W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2	YPR065W	ROX1		-1.6
YCR087W -1.1 -1.6 YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR276C PMP3 -1.45 YDR276C PMP3 -1.45 YBR229C ROT2 -1.45 YBR039	YOR002W	ALG6		-1.6
YHL009C YAP3 -1.6 YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YBR082C ALG3 -1.45	YKL077W			-1.6
YNL323W LEM3 -1.6 YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR425W SNX41 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YB	YCR087W		-1.1	-1.6
YDR488C PAC11 -1.6 YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YHL009C	YAP3		-1.6
YHR012W VPS29 -1.6 YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YNL323W	LEM3		-1.6
YNL097C PHO23 -0.8 -1.55 YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YDR488C	PAC11		-1.6
YGR276C RNH70 -0.5 -1.55 YLR434C -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YHR012W	VPS29		-1.6
YLR434C -1.55 YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YNL097C	PHO23	-0.8	-1.55
YKR052C MRS4 -1.55 YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YGR276C	RNH70	-0.5	-1.55
YHR206W SKN7 -0.6 -1.55 YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YLR434C			-1.55
YCR050C -0.9 -1.5 YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YKR052C	MRS4		-1.55
YLR335W NUP2 -1.5 YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YHR206W	SKN7	-0.6	-1.55
YDR363W ESC2 -1.5 YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YCR050C		-0.9	-1.5
YJR033C RAV1 -1.5 YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YLR335W	NUP2		-1.5
YOL064C MET22 -1.5 YJL115W ASF1 -1.5 YEL007W -1.5 -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YDR363W	ESC2		-1.5
YJL115W ASF1 -1.5 YEL007W -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YJR033C	RAV1		-1.5
YEL007W -1.5 YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YOL064C	MET22		-1.5
YKL041W VPS24 -1.5 YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YJL115W	ASF1		-1.5
YOL018C TLG2 -1.5 YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YEL007W			-1.5
YDR425W SNX41 -1.5 YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YKL041W	VPS24		-1.5
YDR276C PMP3 -1.45 YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YOL018C	TLG2		-1.5
YJL192C SOP4 -1.45 YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YDR425W	SNX41		-1.5
YBR229C ROT2 -1.45 YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YDR276C	PMP3		-1.45
YNR039C ZRG17 -1.45 YBL082C ALG3 -1.45	YJL192C	SOP4		-1.45
YBL082C ALG3 -1.45	YBR229C	ROT2		-1.45
	YNR039C	ZRG17		-1.45
YGR289C MAL11 -1.45	YBL082C	ALG3		-1.45
	YGR289C	MAL11		-1.45
YGR170W PSD2 -1.45	YGR170W	PSD2		-1.45
YCR044C PER1 -0.85 -1.4	YCR044C	PER1	-0.85	-1.4
YOR269W PAC1 -1.4	YOR269W	PAC1		-1.4

YCR011C	ADP1		-1.4
YDR426C			-1.4
YML017W	PSP2		-1.4
YNL074C	MLF3		-1.4
YOR304C-A			-1.4
YMR010W			-1.4
YBL091C	MAP2		-1.4
YCR087C-A	LUG1		-1.4
YPL227C	ALG5		-1.4
YGR064W			-1.4
YLR058C	SHM2		-1.35
YOR068C	VAM10		-1.35
YHR204W	MNL1		-1.35
YBL046W	PSY4		-1.35
YBL061C	SKT5		-1.35
YLR079W	SIC1	-0.85	-1.3
YML007W	YAP1		-1.3
YML103C	NUP188		-1.3
YDR496C	PUF6		-1.3
YGR270W	YTA7		-1.3
YJL123C			-1.3
YDL125C	HNT1		-1.3
YDR505C	PSP1		-1.3
YNL027W	CRZ1		-1.3
YDL173W		-1.15	-1.25
YPR064W			-1.25
YGL228W	SHE10		-1.25
YNL219C	ALG9		-1.25
YJR075W	HOC1		-1.25
YGL027C	CWH41		-1.25
YGR063C	SPT4		-1.25
YNL170W		-1.9	-1.2
YJL152W		-0.6	-1.2
YDR169C	STB3		-1.2
YBL062W			-1.2
YDR108W	GSG1		-1.2
YKR041W			-1.2
YOR298C-A	MBF1		-1.2
YDR253C	MET32		-1.2
YIL112W	HOS4		-1.2
YDR451C	YHP1		-1.2
YDR424C	DYN2		-1.2
YPL138C	SPP1		-1.2
YNR030W	ALG12		-1.2
YDR289C	RTT103		-1.2
YDL162C			-1.2
YNR040W			-1.15
YER020W	GPA2		-1.15
		_1	

YLR404W			-1.15
YDR395W	SXM1		-1.15
YGR004W	PEX31		-1.15
YHL023C	RMD11		-1.15
YOR123C	LEO1	-1.15	-1.1
YDR290W		-0.9	-1.1
YDL172C		-0.8	-1.1
YLL013C	PUF3		-1.1
YGR106C			-1.1
YMR214W	SCJ1		-1.1
YDR466W	PKH3		-1.1
YDR294C	DPL1		-1.1
YML035C-A			-1.1
YOR008C-A			-1.1
YPL066W			-1.1
YGR217W	CCH1		-1.1
YOR069W	VPS5		-1.1
YJL051W	IRC8		-1.1
YPL253C	VIK1		-1.1
YIL162W	SUC2		-1.1
YMR276W	DSK2		-1.1
YGL226C-A	OST5		-1.1
YBR260C	RGD1		-1.1
YML010W-A			-1.1
YNL283C	WSC2		-1.1
YGL003C	CDH1		-1.1
YDR112W	IRC2		-1.1
YKR051W			-1.1
YNL183C	NPR1		-1.1
YDR348C			-1.1
YBR041W	FAT1		-1.05
YBR231C	SWC5		-1.05
YEL062W	NPR2		-1.05
YBR009C	HHF1		-1.05
YDR295C	HDA2		-1.05
YDR071C	PAA1		-1.05
YBR171W	SEC66	-1.2	-1
YJL128C	PBS2		-1
YBR036C	CSG2		-1
YPR179C	HDA3		-1
YOR364W			-1
YHR142W	CHS7		-1
YHR181W	SVP26		-1
YNL041C	COG6		-1
YMR152W	YIM1		-1
YDL133W			-1

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YLR131C	ACE2		-1
YGR227W	DIE2		-1
YOR344C	TYE7		-1
YBR216C	YBP1		-1
YIR037W	HYR1		-0.95
YHR078W			-0.95
YEL061C	CIN8		-0.95
YMR190C	SGS1		-0.95
YBR027C			-0.95
YML006C	GIS4	-0.8	-0.9
YNL314W	DAL82		-0.9
YNL322C	KRE1		-0.9
YBR263W	SHM1		-0.9
YFL044C	OTU1		-0.9
YKL149C	DBR1		-0.9
YML010C-B			-0.9
YOR371C	GPB1		-0.9
YDR525W	API2		-0.9
YIL038C	NOT3		-0.9
YML032C	RAD52		-0.9
YML008C	ERG6		-0.9
YGR007W	MUQ1		-0.9
YNL224C	SQS1		-0.9
YGR197C	SNG1		-0.9
YKR040C			-0.9
YPR087W	VPS69		-0.9
YGL060W	YBP2		-0.9
YLR412W			-0.9
YOR132W	VPS17		-0.9
YLR269C			-0.9
YOR112W	CEX1		-0.9
YGR250C	<u> </u>		-0.9
YHL002W	HSE1		-0.9
YCL038C	ATG22		-0.9
YJL178C	ATG27		-0.85
YCR076C	7(102)		-0.85
YJR142W			-0.85
YNL201C	PSY2		-0.85
YER072W	VTC1		-0.85
YHR004C	NEM1		-0.8
YAL009W	SPO7		
YALUU9W YOR352W	3501		-0.8
	DDM2		-0.8
YHR031C	RRM3		-0.8
YDR254W	CHL4		-0.8
YPL245W			-0.8
YFL043C			-0.8

YMR167W MLH1 -0.8 YJR083C ACF4 -0.8 YOL110W SHR5 -0.8 YJL193W -0.8 -0.8 YLL007C -0.8 -0.8 YJL137C TMA108 -0.8 YDR006C SOK1 -0.8 YBR277C -0.8 -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YMR199W CLN1 -0.8 YMR199W CLN1 -0.8	
YOL110W SHR5 -0.8 YJL193W -0.8 YLL007C -0.8 YIL137C TMA108 -0.8 YDR006C SOK1 -0.8 YBR277C -0.8 -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YJL193W -0.8 YLL007C -0.8 YJL137C TMA108 -0.8 YDR006C SOK1 -0.8 YBR277C -0.8 -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YLL007C -0.8 YIL137C TMA108 -0.8 YDR006C SOK1 -0.8 YBR277C -0.8 -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YIL137C TMA108 -0.8 YDR006C SOK1 -0.8 YBR277C -0.8 -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YDR006C SOK1 -0.8 YBR277C -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YBR277C -0.8 YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 -0.8 YMR199W CLN1 -0.8	
YER143W DDI1 -0.8 YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YIL027C KRE27 -0.8 YOL035C -0.8 YMR199W CLN1 -0.8	
YOL035C -0.8 YMR199W CLN1 -0.8	
YMR199W CLN1 -0.8	
YML012W ERV25 -0.8	
YOR140W SFL1 -0.8	
YJL146W IDS2 -0.8	
YHR195W NVJ1 -0.8	
YBR255W -0.8	
YMR070W MOT3 -0.8	
YHR135C YCK1 -0.8	
YNR006W VPS27 -0.8	
YMR179W SPT21 -0.8	
YLL024C	
YKL160W ELF1 -0.8	
YGL049C TIF4632 -0.8	
YCR032W BPH1 -0.8	
YOL128C YGK3 -0.8	
YPL269W KAR9 -0.8	
YDR205W MSC2 -0.8	
YDL180W -0.8	
YKL063C -0.8	
YNL076W MKS1 -0.8	
YOL124C TRM11 -0.8	
YER005W YND1 -0.8	
YCR008W SAT4 -0.8 -0.75	
YBR278W DPB3 -0.75	
YOL036W -0.75	
YOL087C -0.8 -0.7	
YOR351C MEK1 -0.7	
YLR433C CNA1 -0.7	
YBL067C UBP13 -0.7 -0.7	
YOR223W -0.7	
YKR032W -0.7	
YLR176C RFX1 -0.7	
YOR016C	
YOR276W CAF20 -0.7	
YIL125W KGD1 -0.7	

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YDR334W	SWR1		-0.7
YFL025C	BST1		-0.7
YCR086W	CSM1		-0.7
YMR159C	ATG16		-0.7
YML095C	RAD10		-0.7
YIL119C	RPI1		-0.7
YKL047W			-0.7
YBR217W	ATG12		-0.7
YLR225C			-0.7
YOR233W	KIN4		-0.7
YMR238W	DFG5		-0.7
YPL022W	RAD1		-0.7
YPL150W			-0.7
YNR021W			-0.7
YHL029C	OCA5		-0.7
YPL261C			-0.7
YHR045W			-0.7
YKL034W	TUL1		-0.7
YEL042W	GDA1		-0.7
YNR067C	DSE4		-0.6
YHL040C	ARN1		-0.6
YJL073W	JEM1		-0.6
YIL160C	POT1		-0.6
YOR017W	PET127		-0.6
YFL021W	GAT1		-0.6
YBL056W	PTC3		-0.6
YCR060W	TAH1		-0.5
YDR392W	SPT3	-2.7	
YLL039C	UBI4	-2.6	
YIL083C		-2.3	
YOL081W	IRA2	-2.1	
YJL175W		-2	
YLR315W	NKP2	-1.9	
YHL025W	SNF6	-1.9	
YGL168W	HUR1	-1.9	
YDR028C	REG1	-1.85	
YPL250C	ICY2	-1.8	
YAL013W	DEP1	-1.6	
YML028W	TSA1	-1.6	
YHR013C	ARD1	-1.4	
YGL212W	VAM7	-1.3	
YJR073C	OPI3	-1.3	
YDL040C	NAT1	-1.25	
YGR056W	RSC1	-1.2	
YJL184W	GON7	-1.2	
YDR484W	VPS52	-1.2	
		1	1

YOR106W	VAM3	-1.2	
YHR018C	ARG4	-1.2	
YJL029C	VPS53	-1.2	
YHL020C	OPI1	-1.15	
YLR322W	VPS65	-1.15	
YBR156C	SLI15	-1.1	
YLR226W	BUR2	-1.1	
YMR054W	STV1	-1.05	
YDR207C	UME6	-1.05	
YOR198C	BFR1	-1	
YLR386W	VAC14	-1	
YLR148W	PEP3	-1	
YGL054C	ERV14	-0.95	
YDR080W	VPS41	-0.9	
YMR062C	ECM40	-0.9	
YDR372C	VPS74	-0.85	
YIL052C	RPL34B	-0.8	
YGL244W	RTF1	-0.8	
YPL254W	HFI1	-0.8	
YDR173C	ARG82	-0.8	
YER111C	SWI4	-0.8	
YKL054C	DEF1	-0.8	
YCR084C	TUP1	-0.7	
YNL236W	SIN4	-0.7	
YGR057C	LST7	-0.7	
YNL206C	RTT106	-0.6	