**Table S1.** Enhancer genes of amyloid toxicity in yeast and their mammalian orthologues

Systematic name	Yeast gene	Function	Mammalian gene name
YAL011W	SWC3	SWr Complex, protein of unknown function	w/o orthologue
YAL021C	CCR4	Carbon Catabolite Repression, component of the CCR4-NOT transcriptional complex	ANGEL1, LOC729530, CCRN4L,ANGEL2,2'-PDE
YAL040C	CLN3	CycLiN, g1 cyclin involved in cell cycle progression	CCNB2, CNTD2
YAL044C	GCV3	GlyCine cleaVage, h subunit of the mitochondrial glycine decarboxylase complex	LOC729080
YAL060W	BDH1	Butanediol DeHydrogenase, nAD-dependent	SORD
YBL071C-B	unass.	Putative protein of unknown function	w/o orthologue
YBR048W	RPS11B	Ribosomal Protein of the Small subunit, protein component of the small (40S) ribosomal subunit	RPS11
YBR058C-A	TSC3	Temperature-sensitive Suppressors of Csg2 mutants, protein that stimulates the activity of serine palmitoyltransferase	w/o orthologue
YBR066C	NRG2	Negative Regulator of Glucose- controlled genes, transcriptional repressor	ZBTB16,KLF14,KLF7 KLF5,
YBR181C	RPS6B	Ribosomal Protein of the Small subunit, protein component of the small (40S) ribosomal subunit	RPS6
YBR186W	РСН2	Pachytene CHeckpoint, hexameric ring ATPase that remodels chromosome axis protein Hop1p	TRIP13
YBR206W	unass.	Dubious open reading frame	w/o orthologue
YBR214W	SDS24	Homolog of S. pombe SDS23, protein involved in cell separation during budding	w/o orthologue
YBR215W	HPC2	Histone Periodic Control, subunit of the HIR complex	w/o orthologue
YBR246W	RRT2	Regulator of rDNA Transcription, methylesterase performing penultimate step of diphthamide biosynthesis	DPH7
YBR266C	SLM6	Synthetic Lethal with Mss4, protein with a potential role in actin cytoskeleton organization	w/o orthologue
YBR267W	REI1	REquired for Isotropic bud growth, cytoplasmic pre-60S factor	ZNF622
YBR291C	CTP1	Citrate Transport Protein, mitochondrial inner membrane citrate transporter	SLC25A1
YCR020W-B	HTL1	High-Temperature Lethal, component of the RSC chromatin remodeling complex	w/o orthologue

YCR061W	TVS1	Protein of unknown function Cell Division Cycle, endosomal	w/o orthologue
YCR094W	CDC50	protein that interacts with phospholipid flippase Drs2p	TMEM30A, TMEM30B
YDL009C	unass.	Protein of unknown function	w/o orthologue
YDL063C	SYO1	SYnchronized impOrt or SYmpOrtin, transport adaptor or	
		symportin	HEATR3
YDL075W	RPL31A	Ribosomal Protein of the Large subunit, ribosomal 60S subunit protein L31A THIamine metabolism,	LOC641311
YDL080C	THI3	regulatory protein that binds Pdc2p and Thi2p transcription factors DNA-damage UNinducible, cell-	w/o orthologue
YDL101C	DUN1	cycle checkpoint serine- threonine kinase	СНЕК2
YDR123C	INO2	INOsitol requiring, transcription	w/o orthologue
		factor Epsin N-Terminal homology,	· ·
YDR153C	ENT5	protein containing an N-terminal epsin-like domain	EPN1
YDR159W	SAC3	Suppressor of ACtin, mRNA export factor	MCM3AP, SAC3D1
		Heat Shock Protein, small heat	
YDR171W	HSP42	shock protein (sHSP) with chaperone activity High MObility group (HMG)	w/o orthologue
YDR174W	HMO1	family, chromatin associated high mobility group (HMG) family member	HMG20A
YDR186C	SND1	Putative protein of unknown	w/o orthologue
YDR195W	REF2	function RNA End Formation, rNA- binding protein	w/o orthologue
YDR214W	AHA1	Activator of Heat shock protein 90 ATPase, co-chaperone that binds Hsp82p and activates its ATPase activity	AHSA1
YDR219C	MFB1	Mitochondria-associated F-Box protein, mitochondria-associated	w/o orthologue
YDR225W	HTA1	F-box protein Histone h Two A, histone H2A	H2AFB2
YDR378C	LSM6	Like SM, lsm (Like Sm) protein	LSM6, SNRPF
YDR537C	unass.	Dubious open reading frame	w/o orthologue
VED 01 (VV	D.H. (1	BInding to Microtubules,	
YER016W	BIM1	microtubule plus end-tracking protein Regulator of rDNA	MAPRE1, MAPRE2, MAPRE3
YER066W	RRT13	Transcription, putative protein of unknown function	FBXW7
YER068W	MOT2	Modulator Of Transcription, ubiquitin-protein ligase subunit of the CCR4-NOT complex	CNOT4
YER092W	IES5	Ino Eighty Subunit, non-essential INO80 chromatin remodeling complex subunit	w/o orthologue
YER119C-A	unass.	Dubious open reading frame	w/o orthologue

YER151C	UBP3	UBiquitin-specific Protease, ubiquitin-specific protease involved in transport and osmotic	
YFR034C	PHO4	response PHOsphate metabolism, basic helix-loop-helix (bHLH)	USP10
		transcription factor of the myc- family	MLXIP
YFR036W	CDC26	Cell Division Cycle, subunit of the Anaphase-Promoting Complex/Cyclosome (APC/C)	w/o orthologue
YGL007C-A	unass.	Putative protein of unknown function	w/o orthologue
YGL041C-B	unass.	Putative protein of unknown function	w/o orthologue
YGL168W	HUR1	HydroxyUrea Resistance, protein of unknown function	w/o orthologue
YGL222C	EDC1	Enhancer of mRNA DeCapping, rNA-binding protein that activates mRNA decapping directly	w/o orthologue
YGL241W	KAP114	KAryoPherin, karyopherin	IPO9
YGL253W	HXK2	HeXoKinase, hexokinase isoenzyme 2 Pre-mRNA Processing, splicing	GCK, HKDC1, HK2
YGR006W	PRP18	factor and component of snRNP U5	PRPF18
YGR015C	EAT1	Putative protein of unknown function	ABHD11
YGR081C	SLX9	Protein required for pre-rRNA processing	w/o orthologue
YGR133W	PEX4	PEroXin, peroxisomal ubiquitin conjugating enzyme	UBE2F
YGR226C	unass.	Dubious open reading frame	w/o orthologue
YGR271C-A	EFG1	Exit From G1, essential protein required for maturation of 18S rRNA	w/o orthologue
YGR284C	ERV29	ER Vesicle, protein localized to COPII-coated vesicles	SURF4
YHR021C	RPS27B	Ribosomal Protein of the Small subunit, protein component of the small (40S) ribosomal subunit	<i>RPS27</i>
YHR025W	THR1	THReonine requiring, homoserine kinase	w/o orthologue
YHR064C	SSZ1	Hsp70 protein that interacts with Zuo1p (a DnaJ homolog)	HSPA2,HSPA8,HSPA14, HSPA6,
YIL154C	IMP2	Independent of Mitochondrial Particle, transcriptional activator involved in maintenance of ion homeostasis	w/o orthologue
YIL156W	UBP7	UBiquitin-specific Protease, ubiquitin-specific protease that cleaves ubiquitin-protein fusions	USP28,USP29,USP37,USP50, USP8,USP32,USP51,USP26, USP2,USP21,
YIL157C	COA1	Cytochrome Oxidase Assembly, mitochondrial inner membrane protein	w/o orthologue
YJL012C-A	unass.	Merged open reading frame	w/o orthologue
YJL027C	unass.	Putative protein of unknown function	w/o orthologue

YJL080C	SCP160	S. cerevisiae protein involved in the Control of Ploidy, essential RNA-binding G protein effector of mating response pathway Maintenance of Telomere	HDLBP
YJL123C	MTC1	Capping, protein of unknown function that may interact with ribosomes	w/o orthologue
YJL124C	LSM1	Like SM, lsm (Like Sm) protein	LSM1
YJL141C	YAK1	Yet Another Kinase, serine- threonine protein kinase SWItching deficient, subunit of	DYRK1A/B,HIPK3,HIPK4, HIPK1,
YJL176C	SW13	the SWI/SNF chromatin remodeling complex	SMARCC2, SMARCC1
YJL188C	BUD19	BUD site selection, dubious open reading frame	w/o orthologue
YKL009W	MRT4	mRNA Turnover 4, protein involved in mRNA turnover and ribosome assembly	LOC124865
YKL096C-B	unass.	Putative protein of unknown function	w/o orthologue
YKL139W	CTK1	Carboxy-Terminal domain Kinase, catalytic (alpha) subunit of C-terminal domain kinase I (CTDK-I)	CDC2L5, CDK9
YKL163W	PIR3	Protein containing Internal Repeats, o-glycosylated covalently-bound cell wall protein	w/o orthologue
YKR024C	DBP7	Dead Box Protein, putative ATP-dependent RNA helicase of the DEAD-box family	DDX31
YKR095W	MLP1	Myosin-Like Protein, myosin-like protein associated with the nuclear envelope	TPR,LEKR1,GOLGA4,CENPE, CENPF,GOLGB1,
YLL002W	RTT109	Regulator of Ty1 Transposition, histone acetyltransferase	w/o orthologue
YLL013C	PUF3	PUmilio-homology domain Family, protein of the mitochondrial outer surface	PUM2, PUM1
YLL024C	SSA2	Stress-Seventy subfamily A, aTP-binding protein	HSPA8,HSPA1B,HSPA6,HSPA2, HSPA1A,HSPA1L,HSPA5,
YLL043W	FPS1	Fdp1 Suppressor, aquaglyceroporin Ribonucleoprotein that contains	AQP3 to 5, AQP7, AQP 7, AQP 9 &10, LOC100509620
YLL046C	RNP1	two RNA recognition motifs (RRM)	w/o orthologue
YLR015W	BRE2	BREfeldin A sensitivity, subunit of COMPASS (Set1C) complex	ASH2L
YLR046C	unass.	Putative membrane protein	w/o orthologue
YLR047C	FRE8	Protein with sequence similarity to iron/copper reductases	w/o orthologue
YLR048W	RPS0B	Ribosomal Protein of the Small subunit, protein component of the small (40S) ribosomal subunit	RPSAP15
YLR057W	MNL2	MaNnosidase-Like protein, putative mannosidase involved in ER-associated protein degradation	MANIBI,MANICI,MANIA2, MANIAI,

SUD site selection, dubious open reading frame Base Methyltransferase of Twenty five S rRNA 6, methyltransferase required for m3U2843 methylation of the 25S rRNA Lipid transfer protein Anchored at Membrane contact site, protein of unknown function Substrate/Subunit Inhibitor of Cyclin-dependent protein kinase inhibitor (CKI) YLR079W SICI YLR079W SICI YLR182W SWI6 YLR369W SSQI SVICH SWItching deficient, transcription cofactor YLR369W SSQI TRA369W SSQI TRA36	YLR061W	RPL22A	Ribosomal Protein of the Large subunit, ribosomal 60S subunit protein L22A	RPL22, RPL22L1
Base   Methyltransferase of Twenty five S rRNA 6, methyltransferase required for m3U2843 methylation of the 25S rRNA 6, methyltransferase required for m3U2843 methylation of the 25S rRNA 6, lipid transfer protein Anchored at Membrane contact site, protein of unknown function Substrate/Subunit Inhibitor of Cyclin-dependent protein kinase inhibitor (CKI)   YLR079W   SICI   SWItching deficient, transcription cofactor   Wo orthologue   Wo ortho	YLR062C	BUD28	BUD site selection, dubious open	w/o orthologue
YLR072W LAM6 at Membrane contact site, protein of unknown function Substrate/Subunit Inhibitor of Cyclin-dependent protein kinase, eyclin-dependent kinase inhibitor (CKI) YLR182W SW16 SW16 SW16 SW16 SW16hing deficient, transcription of actor Vacuolar Protein Sorting, dubious open reading frame Stress-Seventy subfamily Q, mitochondrial hsp70-type molecular chaperone Cell Division Cycle, component of the Pafl p complex YLR418C CDC73 CAIciNeurin A, calcineurin A PWIL012C-A unass. Dubious open reading frame Symbol Symb	YLR063W	ВМТ6	Base Methyltransferase of Twenty five S rRNA 6, methyltransferase required for m3U2843 methylation of the 25S rRNA	· ·
YLR079W       SIC1       Cyclin-dependent protein kinase, cyclin-dependent kinase inhibitor (CKL)       Witching deficient, transcription cofactor       Witching deficient, two orthologue         YLR322W       VPS65       Vacuolar Protein Sorting, dubious open reading frame Stress-Seventy subfamily Q, mitochondrial hsp70-type molecular chaperone       W/O orthologue         YLR418C       CDC73       Cell Division Cycle, component of the Parl p complex       CDC73         YLR433C       CNA1       CalciNeurin A, calcineurin A       PP3CA,B,C         YML009W-B unass.       Dubious open reading frame       W/O orthologue         YML012C-A unass.       Dubious open reading frame       W/O orthologue         YML014W       TRM9       Ram Methyltransferase, tRNA methyltransferase, tRNA methyltransferase       ALKBH8, TRMT9B         YML050W       AIM32       Ribosomal Protein of the Small subunit, ribosomal protein of unknown function       ALKBH8, TRMT9B         YML061C       PIF1       Altered Inheritance rate of Mitochondria, putative protein of unknown function with similarity to human PEXSRp       PEX5         YMR108W       PEX9       Putative protein of unknown function with similarity to human PEXSRp       PEX5         YMR198W       CIK1       SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and Karyogamy, kinesin-associated protein       w/o orthologue         YMR222C	YLR072W	LAM6	at Membrane contact site, protein of unknown function	GRAMD1C,
YLR182W         SW16         SWItching transcription cofactor         deficient, transcription cofactor         w/o orthologue           YLR322W         VPS65         Yacuolar Protein Sorting, dubious open reading frame Stress-Seventy subfamily Q, mitochondrial hsp70-type molecular chaperone         w/o orthologue           YLR418C         CDC73         Cell Division Cycle, component of the Paflp complex         CDC73           YLR433C         CNAI         CalciNeurin A, calcineurin A         PPP3CA,B,C           YML009W-B unass.         Dubious open reading frame         w/o orthologue           YML014W         TRM9         TRa Methyltransferase, tRNA methyltransferase         RNA methyltransferase, tRNA methyltransferase           YML024W         RPS17A         Ribosomal Protein of the Small subunit, ribosomal protein 51 (rp51) of the small (40s) subunit Altered Inheritance rate of Mitochondria, putative protein of unknown function         RPS17           YML061C         PIF1         Altered Inheritance rate of unknown function         w/o orthologue           YMR018W         PEX9         Absence of growth Suppressor of Cypl, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p         PEX5           YMR179W         SP721         SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and Karyogamy, kinesin-associated protein         w/o orthologue           YMR222C         FSH2         Estine Hydrola	YLR079W	SIC1	Cyclin-dependent protein kinase, cyclin-dependent kinase inhibitor	w/o orthologue
dubious open reading frame Stress-Seventy subfamily Q, mitochondrial hsp70-type molecular chaperone  YLR418C CDC73  YLR433C CNAI  YML009W-B unass.  Dubious open reading frame YML012C-A unass.  Dubious open reading frame YML014W TRM9  YML014W TRM9  TRM Methyltransferase, tRNA methyltransferase, tRNA methyltransferase, tRNA methyltransferase, tRNA methyltransferase Ribosomal Protein of the Small subunit, ribosomal protein 51 (rp51) of the small (40s) subunit Altered Inheritance rate of Mitochondria, putative protein of unknown function  YML061C  YML061C  YMR018W  YEX9  YMR018W  YEX9  YMR018W  YEX9  YMR179W  SPT21  SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and YMR198W  CIK1  Karyogamy, kinesin-associated protein Family of Serine Hydrolase, putative protein of unknown function Finction FNR198W  YMR222C  FSH2  YMR242W-A unass.  PUSSOR  Aubicase Superssor of unknown function Putative protein of unknown function Putative protein of unknown function Family of Serine Hydrolase, putative serine hydrolase that localizes to the cytoplasm Putative protein of unknown function  YMR022C  RCM1  RNA m5C methyltransferase  NSUN7  SP3, SP9, KLF10, SP5, SP1,	YLR182W	SWI6	SWItching deficient, transcription cofactor	w/o orthologue
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YLR433C CNA1 CalciNeurin A, calcineurin A PPP3CA,B,C YML009W-B unass. Dubious open reading frame W/o orthologue YML012C-A unass. Dubious open reading frame W/o orthologue YML014W TRM9 TRM9 TRNA Methyltransferase, tRNA methyltransferase, tRNA methyltransferase Ribosomal Protein of the Small subunit, ribosomal protein 51 (rp51) of the small (40s) subunit Altered Inheritance rate of YML050W AlM32 Mitchondria, putative protein of unknown function YML061C PIF1 Putative protein of unknown function with similarity to human PEX5Rp Absence of growth Suppressor of Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p YMR116C ASC1 Suppressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and YMR198W CIK1 Karyogamy, kinesin-associated protein YMR222C FSH2 putative protein of unknown function with serine hydrolases, putative serine hydrolase that localizes to the cytoplasm YMR242W-A unass. Putative protein of unknown function YNL022C RCM1 RNA m5C methyltransferase NSUN7 YNL027W CRZ1 Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YLR369W	SSQ1	mitochondrial hsp70-type	HSPA9
YML009W-B unass. Dubious open reading frame YML012C-A unass. Dubious open reading frame YML014W TRM9 TRM9 TRM9 Ribosomal Protein of the Small subunit, ribosomal protein 51 (rp51) of the small (40s) subunit Altered Inheritance rate of YML050W AIM32 Mitochondria, putative protein of unknown function YML061C PIF1 Petite Integration Frequency, dNA helicase Putative protein of unknown function with similarity to human PEX5Rp Absence of growth Suppressor of Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p YMR179W SPT21 SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and YMR198W CIK1 Karyogamy, kinesin-associated protein Family of Serine Hydrolases, putative protein of unknown function PAMR242W-A unass. YMR242W-A unass. YMR0127W CRZI  TRMA methyltransferase, tRNA methylans protein 51  RPS17  RACKI W/o orthologue w/o orthologue w/o orthologue w/o orthologue w/o orthologue protein protein 51  W/o orthologue m/o orthologue protein 6  SP3, SP9, KLF10, SP5, SP1,	YLR418C	CDC73		CDC73
YML009W-B unass.       Dubious open reading frame       w/o orthologue         YML012C-A unass.       Dubious open reading frame       w/o orthologue         YML014W       TRM9       TRna Methyltransferase, tRNA methyltransferase, tRNA methyltransferase       ALKBH8, TRMT9B         YML024W       RPS17A       Ribosomal Protein of the Small (40s) subunit Altered Inheritance rate of Unknown function       RPS17         YML050W       AIM32       Mitochondria, putative protein of unknown function       w/o orthologue         YML061C       PIF1       Petite Integration Frequency, dNA helicase       PIF1         YMR018W       PEX9       Putative protein of unknown function with similarity to human PEXSRp Absence of growth Suppressor of Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p       PEX5         YMR179W       SPT21       SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and Karyogamy, kinesin-associated protein Family of Serine Hydrolases, putative serine hydrolase that localizes to the cytoplasm       w/o orthologue         YMR222C       FSH2       putative protein of unknown function       OVCA2, DHFRP1         YMR242W-A unass.       Putative protein of unknown function       v/o orthologue         YNL022C       RCM1       rRNA m5C methyltransferase       NSUN7         YNL027W       CRZ1       Calcineurin-Responsive Zinc       Zinc	YLR433C	CNA1	CalciNeurin A, calcineurin A	PPP3CA.B.C
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YML024W RPS17A subunit, ribosomal protein 51 (rp51) of the small (40s) subunit Altered Inheritance rate of Mitochondria, putative protein of unknown function  YML050W AIM32 Mitochondria, putative protein of unknown function  Petite Integration Frequency, dNA helicase Putative protein of unknown function with similarity to human PEX5Rp Absence of growth Suppressor of Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p RACKI  YMR179W SPT21 SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and YMR198W CIK1 Karyogamy, kinesin-associated protein  YMR222C FSH2 putative serine hydrolases, putative serine hydrolase that localizes to the cytoplasm Putative protein of unknown function  YMR242W-A unass. Pata msc Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YML014W	TRM9		ALKBH8, TRMT9B
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YMR018W PEX9 function with similarity to human PEX5Rp Absence of growth Suppressor of Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p RACK1  YMR179W SPT21 SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and YMR198W CIK1 Karyogamy, kinesin-associated protein Family of Serine Hydrolases, putative serine hydrolase that localizes to the cytoplasm OVCA2, DHFRP1  YMR242W-A unass. Putative protein of unknown function  YNL022C RCM1 RNA m5C methyltransferase NSUN7  YNL027W CRZ1 Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YML050W	AIM32	Mitochondria, putative protein of	w/o orthologue
YMR018W PEX9 function with similarity to human PEX5  YMR116C ASC1 Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p RACK1  YMR179W SPT21 SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and  YMR198W CIK1 Karyogamy, kinesin-associated protein Family of Serine Hydrolases, putative serine hydrolase that localizes to the cytoplasm OVCA2, DHFRP1  YMR242W-A unass. Putative protein of unknown function rRNA m5C methyltransferase NSUN7  YNL027W CRZ1 Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YML061C	PIF1	dNA helicase	PIF1
YMR116C ASC1  Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p  YMR179W SPT21  SuPpressor of Ty, protein with a role in transcriptional silencing Chromosome Instability and  YMR198W CIK1  Karyogamy, kinesin-associated protein Family of Serine Hydrolases,  YMR222C FSH2  putative serine hydrolase that localizes to the cytoplasm  Putative protein of unknown function  YNL022C RCM1  YNL027W CRZ1  Cyp1, g-protein beta subunit and guanine dissociation inhibitor for RACK1  W/o orthologue  W/o orthologue  W/o orthologue  W/o orthologue  NSUN7  Calcineurin-Responsive Zinc  SP3, SP9, KLF10, SP5, SP1,	YMR018W	PEX9	function with similarity to human	PEX5
role in transcriptional silencing Chromosome Instability and YMR198W CIK1  Karyogamy, kinesin-associated protein Family of Serine Hydrolases, Putative serine hydrolase that localizes to the cytoplasm  YMR242W-A unass.  YMR242W-A unass.  YNL022C RCM1  YNL027W CRZI  Putative protein of unknown function  TRNA m5C methyltransferase  NSUN7  Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YMR116C	ASC1	Cyp1, g-protein beta subunit and guanine dissociation inhibitor for Gpa2p	RACK1
YMR198W CIK1  Karyogamy, kinesin-associated protein Family of Serine Hydrolases, YMR222C FSH2  putative serine hydrolase that localizes to the cytoplasm  YMR242W-A unass.  YNL022C RCM1  YNL027W CRZI  Karyogamy, kinesin-associated w/o orthologue  Woo orthologue  Woo orthologue  Woo orthologue  NSUN7  Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YMR179W	SPT21	role in transcriptional silencing	w/o orthologue
YMR222C FSH2 putative serine hydrolase that localizes to the cytoplasm OVCA2, DHFRP1  YMR242W-A unass.  YNL022C RCM1 rRNA m5C methyltransferase NSUN7  YNL027W CRZI Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YMR198W	CIK1	Karyogamy, kinesin-associated protein	w/o orthologue
YMR242W-A unass.  Putative protein of unknown function  YNL022C RCM1  rRNA m5C methyltransferase  NSUN7  YNL027W CRZI  Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YMR222C	FSH2	putative serine hydrolase that	OVCA2, DHFRP1
YNL022C RCM1 rRNA m5C methyltransferase NSUN7 YNL027W CRZI Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YMR242W-A	unass.	Putative protein of unknown	
YNL027W CRZI Calcineurin-Responsive Zinc SP3, SP9, KLF10, SP5, SP1,	YNL022C	RCM1		NSUN7
	YNL027W	CRZ1	Calcineurin-Responsive Zinc	SP3, SP9, KLF10, SP5, SP1,

YNL076W	MKS1	Multicopy Kinase Suppressor, pleiotropic negative	w/o orthologue
		transcriptional regulator Suppressor of RasVal19, cAP	Č
YNL138W	SRV2	(cyclase-associated protein)	CAP2, CAP1
YNL146W	unass.	Putative protein of unknown function	w/o orthologue
YNL220W	ADE12	adenylsuccinate synthesis; ADEnine requiring, catalyzes the first step in synthesis of adenosine monophosphate	ADSS1
YNR052C	POP2	PGK promoter directed OverProduction, rNase of the DEDD superfamily Pas domain-containing	CNOT8,CNOT7,
YOL045W	PSK2	Serine/threonine protein Kinase, pAS-domain containing serine/threonine protein kinase	PIM2,PIM3,
YOL046C	unass.	Dubious open reading frame	w/o orthologue
YOL054W	PSH1	Pob3/Spt16 Histone associated, e3 ubiquitin ligase targeting centromere-binding protein Cse4p	TRIM8,TRIM3,TRIM2, TRIM25,TRIM40,
YOL085C	unass.	Dubious open reading frame	w/o orthologue
YOR113W	AZF1	Asparagine-rich Zinc-Finger, zinc-finger transcription factor	SP1, FEZF2, FEZP1
YOR120W	GCY1	Galactose-inducible Crystallin- like Yeast protein, glycerol dehydrogenase	AKRIBIO,AKRIBI,AKRIAI, AKRIDI,AKRIC2,AKRICI, AKRIE2,AKRIC3,AKRIC4, AKRIBI5,
YOR141C	ARP8	Actin-Related Protein, nuclear actin-related protein involved in chromatin remodeling	ACTR8
YOR196C	LIP5	LIPoic acid, protein involved in biosynthesis of the coenzyme lipoic acid	LIAS
YOR301W	RAX1	Protein involved in bud site selection during bipolar budding	AKAP10
YOR309C	unass.	Dubious open reading frame	w/o orthologue
YOR312C	RPL20B	Ribosomal Protein of the Large subunit, ribosomal 60S subunit protein L20B	RPL18A
YPL008W	CHL1	CHromosome Loss, probable DNA helicase	TNFRSF6B, BRIP1
YPL098C	MGR2	Mitochondrial Genome Required, subunit of the TIM23 translocase complex ATPase component of heat shock	ROMOI
YPL106C	SSE1	protein Hsp90 chaperone complex	HYOU1,HSPA4L,HSPA4,
YPL145C	KES1	KrE11-1 Suppressor, one of seven members of the yeast oxysterol binding protein family	OSBPL9, OSBPL11, OSBPL10, OSBPL8, OSBPL5
YPL174C	NIP100	Nuclear ImPort, large subunit of the dynactin complex	CLIP3,CLIP2,CLIP4,CLIP1, CEP350,
YPL178W	CBC2	Cap Binding Complex, small subunit of the heterodimeric cap binding complex with Sto1p	NCBP2

YPL240C	HSP82	Heat Shock Protein, hsp90 chaperone	HSP90AA1
YPR043W	RPL43A	Ribosomal Protein of the Large subunit, ribosomal 60S subunit protein L43A	RPL37A
YPR057W	BRR1	Bad Response to Refrigeration, snRNP protein component of spliceosomal snRNPs	w/o orthologue
YPR096C	unass.	Protein of unknown function	w/o orthologue
YPR159C-A	unass.	Protein of unknown function	w/o orthologue
YPR159W	KRE6	Killer toxin REsistant, type II integral membrane protein	w/o orthologue

unass. = unassigned w/o orthologue = without mammalian orthologue