

		WT		TOR1		GPB2		CYR1		IRA1-missense		IRA1-nonsense			
		Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D		
Ras/PKA Pathway	IRA1	30/77									1/30*			Loss of function	
	IRA2	11/77	1/21											Loss of function	
	GPB1	4/77			1/7*									Modification of function	
	GPB2	14/77	2/21											Loss of function	
	PDE2	11/77												Loss of function	
	CYR1	3/77												Modification of function	
	GPR1							1/27						Modification of function	
	RAS2	1/77	1/21											Modification of function	
	TFS1	1/77												Modification of function	
	TOR1	1/77												Modification of function	
TOR/Sch9 Pathway	KOG1	1/77												Modification of function	
	SCH9				1/7									Modification of function	
	KSP1				1/7	1/8*		1/27	2/14	4/67		32/72	30/33	Loss of function	
HOG Pathway	HOG1							1/27						Modification of function	
	PBS2		6/21											Modification of function	
	SSK2		7/21		1/7	1/8		1/27						Loss of function	
RTG Pathway	RTG2					1/8		4/27	2/14	9/67	1/30	1/72		Modification of function	
	MKS1							2/27	1/14	7/67	1/30*			Loss of function	
	BMH1				1/7*			1/27						Modification of function	
TCA cycle	CIT1		1/21					1/27		16/67	1/30			Modification of function	
	KGD1							1/27		3/67				Modification of function	
	MDH1									4/67				Modification of function	
	MAE1									2/67		2/72*		Modification of function	
	ALD5								1/14	1/67*			2/33*	Modification of function	
Regulation of Mitochondrial Biogenesis	PAB1		1/21			2/8		1/27	4/14	3/67	5/30	12/72		Modification of function	
	PAN2									2/67				Modification of function	
	PAN3		1/21							1/67				Loss of function	
	AIM17					1/8				2/67				Loss of function	
	PUF3					1/8		4/27	2/14	7/67	7/30	24/72	1/33*	Loss of function	
Other	MKT1				1/7	1/8		1/27	1/14	1/67	9/30			Modification of function	
	GSH1		1/21		1/7			5/27		2/67	1/30	1/72*		Modification of function	
	ARO80							3/27	1/14	3/67	4/30			Loss of function	