

		WT	TOR1		GPB2		CYR1		IRA1_MIS		IRA1_NON		
		Evo2D	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
TOR/Sch9 Pathway	TOR1	1/77											Modification of function
	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	PUF3					1/8	4/27	2/14	7/67	7/30	24/72	1/33*	Loss of function
	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
Others	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