



		WT		TOR1		GPB2		CYR1		IRA1_MIS		IRA1_NON	
		Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D	Evo2D	Evo3D
Ras/PKA Pathway	IRA1	30/77								1/34*			
	IRA2	11/77		1/21									
	GPB1	4/77			1/7*								
	GPB2	14/77		2/21									
	PDE2	11/77											
	CYR1	3/77											
	GPR1						1/28						
	RAS2	1/77		1/21									
	TFS1	1/77											
TOR/Sch9 Pathway	TOR1	1/77											
	KOG1	1/77											
	SCH9				1/7								
	KSP1				1/7	1/8*	1/28	2/14	4/69			32/76	30/33
HOG Pathway	HOG1						1/28						
	PBS2		6/21										
	SSK2		7/21		1/7	1/8	1/28						
RTG Pathway	RTG2				1/8	4/28	2/14	9/69	1/34	1/76			
	MKS1					2/28	1/14	7/69	1/34*				
	BMH1				1/7*	1/28							
TCA cycle	CIT1		1/21			1/28		16/69	1/34*				
	KGD1					1/28		3/69					
	MDH1							4/69					
	MAE1							2/69		2/76*			
	ALD5						1/14	1/69*			2/33*		
Regulation of Mitochondrial Biogenesis	PUF3				1/8	4/28	2/14	7/69	7/34	24/76	1/33*		
	PAB1		1/21		2/8	1/28	4/14	3/69	5/34	12/76			
	PAN2							2/69					
	PAN3		1/21					1/69					
	AIM17				1/8			2/69					
Others	MKT1			1/7	1/8	1/28	1/14	1/69*	9/34				
	ARO80					3/28	1/14	3/69	4/34				
	GSH1		1/21	1/7		5/28		2/69	1/34	1/76*			
	MIT1					1/28		2/69*	4/34*	2/76			
	MTH1									2/76			