









	WT Evo2D	TOR1 Evo2D	TOR1 Evo3D	GPB2 Evo2D	GPB2 Evo3D	CYR1 Evo2D	CYR1 Evo3D	IRA1_MIS Evo2D	IRA1_MIS Evo3D	IRA1_NON Evo2D	IRA1_NON Evo3D
Ras/PKA Pathway	IRA1 30/77								1/30*		
	IRA2 11/77		1/21								
	GPB1 4/77			1/7*							
	GPB2 14/77		2/21								
	PDE2 11/77										
	CYR1 3/77										
	GPR1					1/27					
	RAS2 1/77		1/21								
TOR/Sch9 Pathway	TOR1 1/77										
	KOG1 1/77										
	SCH9			1/7							
	KSP1			1/7	1/8*	1/27	2/14	4/67		32/72	30/33
HOG Pathway	HOG1					1/27					
	PBS2 6/21										
	SSK2 7/21			1/7	1/8	1/27					
RTG Pathway	RTG2				1/8	4/27	2/14	9/67	1/30	1/72	
	MKS1					2/27	1/14	7/67	1/30*		
	BMH1			1/7*		1/27					
TCA cycle	CIT1 1/21					1/27		16/67	1/30		
	KGD1					1/27		3/67			
	MDH1							4/67			
	MAE1							2/67		2/72*	
	ALD5						1/14	1/67*			2/33*
Regulation of Mitochondrial Biogenesis	PUF3				1/8	4/27	2/14	7/67	7/30	24/72	1/33*
	PAB1 1/21				2/8	1/27	4/14	3/67	5/30	12/72	
	PAN2							2/67			
	PAN3 1/21							1/67			
	AIM17 1/8							2/67			
Others	MKT1			1/7	1/8	1/27	1/14	1/67	9/30		
	GSH1 1/21			1/7		5/27		2/67	1/30	1/72*	
	ARO80					3/27	1/14	3/67	4/30		





