Primers	Sequences
RT-PCR (yeast mutants)	**TcGPI8 F:** 5' CTCGAATTCATGAGCAACAAAACAAAGACAAAC 3'
	TcGPI8 R: 5' GCTCTCGAGCAGCAGGTCATATTGTACATC 3'
	TcIPCS F: 5' GGGGAATTCATGGTTTTAATGGGGCCTCATTC 3'
	TcIPCS R: 5' TCTCTCGAGTCACCAGTGTCCAAAATTCCCAC 3'
	ScGPI8 F: 5' TTTGGATCCATGCGTATAGCGATGCATCT 3'
	ScGPI8 R: 5' GGCAAGCTTTTAATTAGTGTACAGGTCATA 3'
	ScAUR1 F: 5' TCTACTAGTATGGCAAACCCTTTTTCGAGATG 3'
	ScAUR1 R: 5' GCGAAGCTTTTAAGCCCTCTTTACACCTAGTG 3'
	26 rRNA F: 5' GCATATCAATAAGCGGAGGAAAAG 3'
	26 rRNA R: 5' GGTCCGTGTTTCAAGACGG 3'
RT-PCR (parasites)	**GPI8int 5'R2:** 5' ATGAGAGTTTTCATCCGTGTTGAG 3' (cDNA)
	GPI8int 5'R: 5' GGCGTATATTAAAGAAGTAGCGTGA 3' (PCR)
	TcSL: 5' ACAGTTTCTGTACTATATTG 3' (PCR)
Transformation of yeast mutants	**pRS TcDPM1 F:** 5' CGGATCCATGCCAATCAGCTACAC 3'
	pRS TcDPM1 R: 5' AAGCTTCTACACGACCTGTTTCAC 3'
	pRS TcGPI3 F: 5' GGGATCCATGGGAAGACACCGCGTG 3'
	pRS TcGPI3 R: 5' AAAGCTTTCAAACACCCTTCTCAAGAG 3'
	pRS TcGPI8 F: 5' CCCGGGATGAAGCGTCAGATGGG 3'
	pRS TcGPI8 R: 5' CAAGCTTCTACAGCAGGTCATATTG 3'
	pRS TcGPI10 F: 5' GGGGAATTCATGTCTCCTTGTATTGTGTATTGTTTCCCT 3'
	pRS TcGPI10 R: 5' GGGCTCGAGTTAATTGGCCTGAACAACATTTCGTA 3'
	pRS TcGPI12 F: 5' GGGATCCATGTCCGTTTTTTTCGCTG 3'
	pRS TcGPI12 F: 5' TAAAGCTTCTAGGACGCCTTCAGTTC 3'
	pRS TcGPI14 F: 5' GGGGAATTCATGCCGTGCCAGTCAGATTGTTCGTGGATC 3'
	pRS TcGPI14 R: 5' GGGCTCGAGCTACGCGAATTTGGTCATCTTTTTCCC 3'
	pRS TcGAA1 F: 5' GGATCCATGTCGATTGCCTTTTGC 3'
	pRS TcGAA1 R: 5' AAGCTTACATTGTTGGTAAAACTGATC 3'
	pRS TclPCS F: 5' GGGGAATTCATGGTTTTAATGGGGCCTCATTC 3'
	pRS TclPCS R: 5' TCTCTCGAGTCACCAGTGTCCAAAATTCCCAC 3'
	pRS ScDPM1 F: 5' GGGACTAGTATGAGCATCGAATACTCTGT 3'
	pRS ScDPM1 R: 5' GGGGGATCCTTAAAAGACCAAATGGTATAG 3'
	pRS ScGPI3 F: 5' GGGACTAGTATGGGCTTCAATATAGCGTATGTC 3'
	pRS ScGPI3 R: 5' CCCCTCGAGAGTTTCTCTTGCTTCCTTCGTCTC 3'
	pRS ScGPI8 F: 5' TTTGGATCCATGCGTATAGCGATGCATCT 3'
	pRS ScGPI8 R: 5' GGCAAGCTTTTAATTAGTGTACAGGTCATA 3'
	pRS ScGPI10 F: 5' GGGACTAGTATGGCTCACGAGGTTCATAGAATAAA 3'
	pRS ScGPI10 R: 5' GGGCTCGAGAATATCTGCCGCTGGAATATCGCTAT 3'
	pRS ScGPI12 F: 5' GGGACTAGTATGAAGATGTTGAGGCGTACAAAGGT 3'
	pRS ScGPI12 R: 5' GGGCTCGAGATATGTATAAACATCAAATTCATTAA 3'
	pRS ScGPI14 F: 5' GGGACTAGTATGACTGGCGAAGAATGGGGCTTGA 3'
	pRS ScGPI14 R: 5' GGGCTCGAGGTTGTTCTTTTTGTTGGAAACTGTGG 3'
	pRS ScGAA1 F: 5' TTTGGATCCATGGCCTTATTGGAGAAGTT 3'
	pRS ScGAA1 R: 5' GGCAAGCTTCTAACTTTGCTTTTCTTTCGA 3'
	pRS ScAUR1 F: 5' TCTACTAGTATGGCAAACCCTTTTTCGAGATG 3'
	pRS ScAUR1 R: 5' GCGAAGCTTTTAAGCCCTCTTTACACCTAGTG 3'
Cellular localization in *T. cruzi*	**pTREX TcDPM1 F:** 5' GGGTCTAGAATGCCAATCAGCTACACCATAG 3'
	pTREX TcDPM1 R: 5' CCCGAATTCCACGACCTGTTTCACAGCCC 3'
	pTREX TcGPI3 F: 5' GGGTCTAGAATGGGAAGACACCGCGTGGCACT 3'
	pTREX TcGPI3 R: 5' CCCGAATTCAACACCCTTCTCAAGAGCATTAA 3'
	pTREX TcGPI12 F: 5' GGGTCTAGAATGTCCGTTTTTTTTCGCTGTGAC 3'
	pTREX TcGPI12 R: 5' CCCGAATTCGGACGCCTTCAGTTCCTCTAGCT 3'
Cellular localization in mammalian cells	**pcDNA TcDPM1 F:** 5' GGGGCTAGCTGCCAATCAGCTACACCATAG 3'
	pcDNA TcDPM1 R: 5' CCCTCTAGACACGACCTGTTTCACAGCCC 3'
	pcDNA TcGPI3 F: 5' GGGGGTACCGGGAAGACACCGCGTGGCACTGG 3'
	pcDNA TcGPI3 R: 5' CCCTCTAGAAACACCCTTCTCAAGAGCATTAA 3'
	pcDNA TcGPI12 F: 5' GGGGCTAGCTGTCCGTTTTTTTTCGCTGTGAC 3'
	pcDNA TcGPI12 R: 5' CCCTCTAGAGGACGCCTTCAGTTCCTCTAGC 3'
	pcDNA TcGPI8 F: 5' GGGGCTAGCTGAAGCGTCAGATGGGGGTTTTG 3'
	pcDNA TcGPI8 R: 5' CCCTCTAGACAGCAGGTCATATTGTACATCCA 3'
Knockout constructions	**GPI8/*Sac* I 5'F:** 5' TGAGCTCTGGGGAGTGAGGGTGGCTGCGAG 3'
	GPI8/*Spe* I 5'R: 5' ACTAGTAACTCTCCTATGATGTCGTCTTTG 3'
	GPI8/*Xho* I 3'F: 5' TCTCGAGCATGCAAAGTGTGAAGTCGGACC 3'
	GPI8/*Xba* I 3'R: 5' CTCTAGATTCCTTGTTGCTTTGCTCTTATC 3'
	GPI8-AI2/KpnI 5'F: 5' TTTGGTACCCTTGTCACATGCCATTTTCCA 3'
	GPI8-AI2/SpeI 5'R: 5' GGGACTAGTGCAGAGATGGTAAATTGTCAGT 3'
	GPI8-AI2/EcoRV 3'F: 5' GGGGATATCCTCACGCTGGTCACTTGAATC 3'
	GPI8-AI2/XhoI 3'R: 5' TTTCTCGAGTGAGCTGCATGCTTCCAAGC 3'
	GPI8 ext 5'F: 5' GTAACACAATCGTTTTTAGGCTGTG 3' (Primer 1F)
	GPI8 ext 3'R: 5' CAGATGAGGAAAGAGACGAACAG 3' (Primer 2R)
	GPI8 int 5'R: 5' GGCGTATATTAAAGAAGTAGCGTGA 3' (Primer 7R)
	GPI8 int 5'R2: 5' ATGAGAGTTTTCATCCGTGTTGAG 3' (Primer 8R)
	Neo For: 5' CGACCCTGCAGCCAATATGGGATC 3' (Primer 3F)
	Neo Rev: 5' TCAGAAGAACTCGTCAAGAAGGCG 3' (Primer 3R)
	Neon11: 5' CGGCCGGAGAACCTGCGTGCAA 3' (Primer 1R)
	Neon20: 5' GGATTCATCGACTGTGGCCGGC 3' (Primer 2F)
	Hyg For: 5' ATGAAAAAGCCTGAACTCACCGC 3' (Primer 6F)
	Hyg Rev: 5' TCAGAAGAACTCGTCCGGCCACA 3' (Primer 6R)
	Hygn11: 5' GAGCTGCATCAGGTCGGAGACGC 3' (Primer 4R)
	Hygn20: 5' ACCGATGGCTGTGTAGAAGTAC 3' (Primer 5F)