

**Putnam et al. 2014. Supplemental Table 4. MLPA primers.**

Gene	Primer sequences*	Location**	Product Size (bp)
<i>ORC3</i>	gggttcacctaaagggttggaAAGATGAACGTC AGCGAGTT	ChrXII 141097-141116	78
	P- TGCTGACGCCCAAAGGtctagattggatctt gctggcac	ChrXII 141117-141132	
<i>TFC8</i>	gggttcacctaaagggttggaTTTCTCGAGGAA ACGTTCAATTT	ChrXVI 542345-542323	84
	P- AGAAAGCTTCACGGCTGACTctagattggat cttgctggcac	ChrXVI 542322-542304	
<i>DED81</i>	gggttcacctaaagggttggaTACCTGGTTGAA CGAACACGACATCA	ChrVIII 142350-142325	90
	P- AGAACGAAGAGGGCGAAGACTTtctagattg gatcttgctggcac	ChrVIII 142324-142303	
<i>PCMI</i>	gggttcacctaaagggttggaGCCAATGGTATC GGTGGTCCACAGTTGAA	ChrV 43936-43964 ChrV-u 48729-48757	96
	P- AAAACACTACTGGCCTCCGAAGATTGGtctaga ttggatcttgctggcac	ChrV 43965-43989 ChrV-u 48758-48782	
<i>VMA8</i>	gggttcacctaaagggttggaGATGCTAAGCAA AAGATGGGGAGAGTTATGCA	ChrV 58531-58562 ChrV-u 63324-63355	102
	P- AACTGCTGCCTTTTCTGGCCGAAGTTtct agattggatcttgctggcac	ChrV 58563-58590 ChrV-u 63356-63383	
<i>BUD16</i>	gggttcacctaaagggttggaGTACATGGATAT GTGGGAAATAAGGCTGCAACGTT	ChrV 97763-97729 ChrV-u 102556-102522	108
	P- TCCCTTACAGTGTCTAGGCTGGGATGTGGAT tctagattggatcttgctggcac	ChrV 97698-97728 ChrV-u 102521-102491	
<i>GEA2</i>	gggttcacctaaagggttggaGAGGAAGCTATT AGCGAGGACGATGGCATTGAAGAAGA	ChrV 112258-112295 ChrV-u 117051-117088	114
	P- GCATATTCATTCAGAGAAGAGCACAAATGGC GCCTctagattggatcttgctggcac	ChrV 112296-112329 ChrV-u 117089-117122	
<i>EAF5</i>	gggttcacctaaagggttggaCTGCAGCTGATT CTTCAAAGAGCATAACGGACGGTGTAAT	ChrV 122173-122213 ChrV-u 132890-132930	120
	P- GCGAAAGGTCATTGGTACGGACGACTGGAAA TTGGCTtctagattggatcttgctggcac	ChrV 122214-122250 ChrV-u 132931-132967	
<i>YEA6</i>	gggttcacctaaagggttggaCTAAATAGGCTG AAAAAGAATGCTGACCCTAGAGTTGCTGCAA T	ChrV 144411-144454 ChrV-u 155127-155170	126
	P- TTCAGGTGCTTTATCTGGTGCCTATCCGCA ATGCTGGTCTctagattggatcttgctggca c	ChrV 144455-144494 ChrV-u 155171-155210	
<i>IRC22</i>	gggttcacctaaagggttggaCCTATTCGAAAT TGTTAGCCCACCTATTTCTTTTTCAACCCA CAAT	ChrV 150496-1505450 ChrV-u 161212-161166	132
	P-	ChrV 1505449-150407	

	TTTTATCAGTTCAGGTCATCTTTCTAGCCAT CATCGGAGGTGTTctagattggatcttgctg gcac	ChrV-u 161165-161123	
<i>MNN1</i>	gggttcctaagggttggaCAAATATGAATA CGATCCATCAAAAACCTTCTGGGCCAATTGG AGGGATA	ChrV 154401-154450 ChrV-u 165117-165166	138
	P- TGAGCGCCAAAGTAGCCGGTCGTGGTATTGT ATTGAGTTTAGGTTCTctagattggatcttg ctggcac	ChrV 154451-154496 ChrV-u 165167-165212	

\*Uppercase bases correspond to homologies to the yeast chromosome; lowercase bases are common amplification sequences for the MLPA procedure. "P-" indicates 5' phosphorylation.

\*\*ChrV corresponds to the coordinates in ChrV in the S288C strain, whereas ChrV-u corresponds to the coordinates for the ChrV modified for the uGCR assay (RDKY6677).