

Table S1 Primers used in this study

Primer	Sequence (5'-3')	Description
GSP12	GTCTGCAGGAGTACCACG	<i>HO</i> disruption in <i>S.uvarum</i> , amplifies 5'
GSP13	GTCGTGACTGGGAAAACCTGGCGGGCTAGATGGAAGTGATTGC	<i>HO</i> disruption in <i>S.uvarum</i> , amplifies 5' to fuse to m13- <i>kanMX</i>
GSP14	TCCTGTGTGAAATTGTTATCCGCTGCGTGTCTAGAAAGGGC	<i>HO</i> disruption in <i>S.uvarum</i> , amplifies 3' to fuse to m13- <i>kanMX</i>
GSP15	CAATGGAGTGACCGTATTGG	<i>HO</i> disruption in <i>S.uvarum</i> , amplifies 3'
GSP1	GCGTCTAGAATGCTTTCTGAAAACACGACTATTCTGATGGCT	<i>HO</i> locus amplification with XbaI site
GSP545	CGCTCTAGACACCAAGGCCATGTCTTCTCG	<i>HO</i> locus amplification with XbaI site
GSP546	GCGGGATCCCCGTTCCAAAGCTGAGAAACCAG	<i>APJ1</i> locus amplification with BamHI site
GSP547	CGCGGATCCCTTTGAAGGGTTATGCTAGGTTCCG	<i>APJ1</i> locus amplification with BamHI site
GSP535	CGCGGATCCAACCTAGATGCAGTAAGTCACTCAAGGC	<i>GRE3</i> ^{CBS7001} locus amplification with BamHI site
GSP538	CGCGGATCCTGTGAGTCAATTTGAATTCAGG	<i>GRE3</i> ^{CBS7001} locus amplification with BamHI site
GSP536	CGCGGATCCAACCTGGATGCAGTAAGTCACTCAAG	<i>GRE3</i> ^{CBS1502} locus amplification with BamHI site
GSP539	CGCGGATCCCTCCTGCTGAGAGTCAACTTCGAAT	<i>GRE3</i> ^{CBS1502} locus amplification with BamHI site
GSP533	CCAAAAAAAAAAAAAAAAAGAGAAATTCAAAATGTCATCACTAGTCACTTTGAAC	primer to fuse <i>GRE3</i> ^{CBS1502} ORF with <i>GRE3</i> ^{CBS7001} promoter
GSP548	GTCGTGACTGGGAAAACCTGGCGCTCCGTACTTCTGTATTACCTAATAG	<i>APJ1</i> disruption, amplifies 5' to fuse to m13- <i>URA3</i>
GSP549	TCCTGTGTGAAATTGTTATCCGCTGAAGGCTATATGTTGGCATTAAATTGC	<i>APJ1</i> disruption, amplifies 3' to fuse to m13- <i>URA3</i>
GSP550	CGCTCAAAGGACACAACCTCCGGC	<i>APJ1</i> disruption, amplifies 5'
GSP551	CTTTGAAGGGTTATGCTAGGTTCCG	<i>APJ1</i> disruption, amplifies 3'
GSP552	GCATCCCCGATTTCATCGACGATGAAC	<i>GRE3</i> disruption, amplifies 5'
GSP553	GTCGTGACTGGGAAAACCTGGCGGTTCAAAGTGACTAGTGATGACAT	<i>GRE3</i> disruption, amplifies 5' to fuse to m13
GSP554	TCCTGTGTGAAATTGTTATCCGCGACCCATGGACTTGGTTGGACGGT	<i>GRE3</i> disruption, amplifies 3' to fuse to m13
GSP555	GTAATTGGGGTGCTTCGGCGGCTGCC	<i>GRE3</i> disruption, amplifies 3'
GSP556	GAAGCCCATGTCCCTATCAT	<i>GRE3</i> qPCR primer, forward
GSP557	TACACCCCGCAGTAAATCT	<i>GRE3</i> qPCR primer, reverse
GSP558	TCGTTTGGTTGCCTTTGGAC	<i>YDR458c</i> , qPCR primer, forward (Bullard <i>et al.</i> 2010)
GSP559	ACTTCTTTAGCCCCTCTGA	<i>YDR458c</i> , qPCR primer, reverse (Bullard <i>et al.</i> 2010)
GSP560	ATTGGGTGTCAACGAATCCT	<i>YJL088w</i> , qPCR primer, forward (Bullard <i>et al.</i> 2010)
GSP561	CAAACCGCTTGTAAAGGGATG	<i>YJL088w</i> , qPCR primer, reverse (Bullard <i>et al.</i> 2010)