

## Supplemental Table 2. Primers

sgRNA Primers:	
BCR1-sgRNA/F	atcaggtgtactttcaaagGTTTTAGAGCTAGAAATAGCAAGTTAAA
BCR1-SNR52/R	ctttgaaaagtacacctgatCAAATTAATAATAGTTTACGCAAGTC
BRG1-sgRNA/F	GTA CTACAGAGACACCTGAAGTTTTAGAGCTAGAAATAGCAAGTTAAA
BRG1-SNR52/R	TTCAGGTGTCTCTGTAGTACCAAATTAATAATAGTTTACGCAAGTC
Cd.HIS1-sgRNA/F	taaccattactccaggtagaGTTTTAGAGCTAGAAATAGCAAGTTAAA
Cd.HIS1-SNR52/R	tctacgtggagtaatggtaCAAATTAATAATAGTTTACGCAAGTC
Cm.LEU2-sgRNA/F	atcagaactgcagattaaagGTTTTAGAGCTAGAAATAGCAAGTTAAA
Cm.LEU2-SNR52/R	cttaaactgcagttctgatCAAATTAATAATAGTTTACGCAAGTC
UME6-sgRNA/F	GGAGTTGGACTTGGAAGTAGTTTTAGAGCTAGAAATAGCAAGTTAAA
UME6-SNR52/R	CTACTTCCAAGTCCAACCTCCCAAATTAATAATAGTTTACGCAAGTC
Partner Cloning Primers:	
BCR1_FlankHis_KpnI/F	atattattaataaacttaaatTTTcaaaaacaactacaacaacta taattaataactatctcgatatatcCTCGAGGTGCGACGGTATCG
BCR1_FlankHis_SapI/R	aaacatcacaagacataagcaataaataaataaataaataaaatacatt ttcacatacttcttctattattattgCCAATACGCAAACCGCC
BRG1_FlankLeu_BamHI/F	ATATTTGATATTTCAACGTTATTTCTCCATCCATACTTGTTACATTATAA ATATTCATACTATTCCAGAAATTCAAATTGACGCATCGTGGCCG
BRG1_FlankLeu_Sall/R	TGTGCAAAAAATTAATTAATAACTATTTTAATGACGAATTAAGGAATTTG GGTTGGGTAAGCAACAGGAATACCGCCAGCGACTCCTGCATTAGGAAGC
HIS1 CRIME/F	gcgcaagaagcctcaact
His1 CRIME/R	gagctacagggcttgacc
LEU2 CRIME/F	tcactttatcgacagttcttctcc
LEU2 CRIME/R	actaactcctgtaacggcg
UME6_FlankHis_KpnI/F	TCATATTCTATATCTTCACTCCAAACATCAATATCCTCAATTTACTTCCAA TTAGTTTTATTTTTAATCCACTGTATAACTCGAGGTGCGACGGTATCG

UME6_FlankHis_SapI/R	ACCAACGGCAACAACAACAACAATAACCACCGTCAACCGTCAACCTGT TAATTCTTAATTCTTAAGCTAATTCCAATACGCAAACCGCC
Primers for Gap Repair of <i>HIS1</i> into pRS424	
KpnI_pRS424_H+AdapN/F	AGCGCGCGTAATACGACTCACTATAGGGCGGCCAGTGTGATGGATATCTGCAG
KpnI_pRS424_H+AdapN/R	ATCAAGCTTATCGATACCGTCGACCTCGAGCCGCCAGTGTGCTGGAAT
SapI_pRS424_H+AdapN/F	ACGCGCGGGGAGAGGGCGTTTTCGTATTGGGCCAGTGTGATGGATATCTGCAG
SapI_pRS424_H+AdapN/R	GCAGCCGAACGACCGAGCGCAGCGAGTCAGCCGCCAGTGTGCTGGAAT
Primers for Gap Repair of <i>LEU2</i> into YEp24	
BamHI_YEp24_H+AdapN/F	CTATCGACTACGCGATCATGGCGACCACACGCCAGTGTGATGGATATCTGCAG
BamHI_YEp24_H+AdapN/R	TGGCGCCGGTGTATGCCGGCCACGATGCGTCCC GCCAGTGTGCTGGAAT
Sall_YEp24_H+AdapN/F	TGGGCTGCTTCTAATGCAGGAGTCGCATAGCCAGTGTGATGGATATCTGCAG
Sall_YEp24_H+AdapN/R	GGAAGGAGCTGACTGGGTTGAAGGCTCTCACCGCCAGTGTGCTGGAAT
Genotyping Primers	
BCR1 Check Int/R	ACAACCAGGATATCCAGTACA
BCR1 Check/F	GTCTCCTTCAATCAAACGATCA
BRG1 Check Down/R	CGGTTTGATCCAGCTCAGG
BRG1 Check Int/R	GGTATTGATTACTCTTGTCACTGG
BRG1 Check/F	ACGTTATTTCTCCATCCATACTTG
HIS1 Check Int/R	ggctgattgtctttacatcg
LEU2 Check Int/R	cctcacttgattctgattggc
pRS424 Check/F	GCCATTGCGCCATTCAGG
UME6 Check Down/R	GAATCTTCTACGGGAAAAGTTGCAAGA
UME6 Check Int/R	CTATTGGTGTTTGGAAATATGGATTTGC
UME6 Check/F	CATTATTGCTTTGCTTTACATAATTGGTGATAG
Yep24 Check/F	ACAAGGGAGACGCATTGG