

Table S2. Primers for homologous recombination, PCR, Sanger sequencing, and quantitative RT-PCR

Primers	Sequences
<i>hyb</i> primer1 for homologous recombination	TCCTTGCCGACCAGCGTATACAATCTCGATAGTTGGTTTCCCGTTCTTTCCACTCCCG TCATGGGTAAAAAGCCTGAACTCAC
<i>hyb</i> primer2 for homologous recombination	CTCAGTATTCGTTTTTATAACGTTGCTGCACTGGGGGCCAAGCACAGGGCAAGATGC TTTTATTCCTTTGCCCTCGGACG
<i>I-SceI-kanMX4-KlURA3</i> primer1 for homologous recombination	AAGTTTATTTTCAGAGTTCTTCAGACTTCTTAAGTCTGTAAAAACAAAAAAAAAAAAA GGCATAGCACCGCGCGTTGGCCGATTCAT
<i>I-SceI-kanMX4-KlURA3</i> primer2 for homologous recombination	TGACTTATGAGGGTGAGAATGCGAAATGGCGTGGAAATGTGATCAAAGGTAATAAAAC GTCATATTTTCGTACGCTGCAGGTCGAC
<i>pCAN</i> primer1 for homologous recombination	AAGTTTATTTTCAGAGTTCTTCAGACTTCTTAAGTCTGTAAAAACAAAAAAAAAAAAA GGCATAGCAATGACAAATTCAAAGAAGACGC
<i>pGAL</i> primer1 for homologous recombination	TTGTTAATATACCTCTATACTTTAACGTCAAGGAGAAAAACCCCGGATCCATGACAA ATTCAAAGAAGACGC
<i>pCANpGAL</i> primer2 for homologous recombination	TGACTTATGAGGGTGAGAATGCGAAATGGCGTGGAAATGTGATCAAAGGTAATAAAAC GTCATATCTATGCTACAACATTCCAAAATTTG
<i>RNASEH1</i> primer1 for homologous recombination	AACTATTAGCTCTAAATCCATATCCTCATAAGCAGCAATCAATTCTATCTATACTTTA AAAGTTTATCATTATCAATACTCGCCA
<i>RNASEH1</i> primer2 for homologous recombination	TATTCTGGGCCTCCATGTCGCTGGCCGGGTGACCCGGCGGGGACGAGGCAAGCTAAAC AGGCAAATTAAAGCCTTCGAGC
<i>pCAN-CAN1 gal80</i> strains primer1 for PCR	AATCTGTCGTCAATCGAAAGT
<i>pCAN-CAN1 gal80</i> strains primer2 for PCR	TTCGGTGTATGACTTATGAGG

<i>pGAL-CAN1 gal80</i> strains primer1 for PCR	TTCGGTTTGTATTACTTCTTATTC
<i>pGAL-CAN1 gal80</i> strains primer2 for PCR	TTCGGTGTATGACTTATGAGG
<i>pCAN-CAN1 gal80</i> strains primer1 for Sanger sequencing	TAGAAGCGACCCAGAACTCG
<i>pCAN-CAN1 gal80</i> strains primer2 for Sanger sequencing	ACATGTATTGGTTTTCTTGGGC
<i>pCAN-CAN1 gal80</i> strains primer3 for Sanger sequencing	TTCGGTGTATGACTTATGAGG
<i>pGAL-CAN1 gal80</i> strains primer1 for Sanger sequencing	TTCGGTTTGTATTACTTCTTATTC
<i>pGAL-CAN1 gal80</i> strains primer2 for Sanger sequencing	ACATGTATTGGTTTTCTTGGGC
<i>pGAL-CAN1 gal80</i> strains primer3 for Sanger sequencing	TTCGGTGTATGACTTATGAGG
<i>CAN1</i> primer1 for quantitative RT-PCR	AATGAGCCGGTCACAACCCT
<i>CAN1</i> primer2 for quantitative RT-PCR	CATCACCTATGCCATCCTCCA
<i>ACT1</i> primer1 for quantitative RT-PCR	GGTGGTTCTATCTTGGCTTCTTTG
<i>ACT1</i> primer2 for quantitative RT-PCR	GATGGACCACTTTCGTCGTATTCT
<i>CAN1</i> primer1 for segment1 of DRIP-quantitative PCR	GAAGACGCCGACATAGAGGA
<i>CAN1</i> primer2 for segment1 of DRIP-quantitative PCR	GTCTGTGGTGGGTTTGGGATG
<i>CAN1</i> primer1 for segment2 of DRIP-quantitative PCR	GAAGGGAGGTTCTTAGGTTGGG
<i>CAN1</i> primer2 for segment2 of DRIP-quantitative PCR	CGGATTTTCTGGGGTTTGC
<i>ACT1</i> primer1 for DRIP-quantitative PCR	GGTGGTTCTATCTTGGCTTCTTTG

ACT1 primer2 for DRIP-quantitative PCR

GATGGACCACTTTCGTCGTATTCT