

**Table S3.** List of primers used in this study.

Primer	Sequence*	Purpose
Firefly-SapD-fw	5'-GAAGAGGAGCTGTTTTACGATCCCTCAGGATTA-3'	Firefly cloning
Firefly-SapD-rv	5'-AACAGCTCCTCTTCAAATCTATACATTAAGACGACTCG-3'	Firefly cloning
Firefly-GATG-fw	5'-TTTTTGGTCTCAGATGGAAGACGCCAAAAACATAA-3'	Firefly cloning
Firefly-TAGT-rv	5'-AAAAAGGTCTCAACTACAATTTGGACTTTCCGCCC-3'	Firefly cloning
Renilla-GATG-fw	5'-TTTTTGGTCTCAGATGACTTCGAAAGTTTATGATCCAGA-3'	Renilla cloning
Renilla-TAGT-rv	5'-AAAAAGGTCTCAACTATTGTTCAATTTTGGAGAACTCGCTC-3'	Renilla cloning
GGTC-CCW12p-fw	5'-TTTTTGGTCTCGGGTCGATCCTCGAGATCGGCCG-3'	<i>P<sub>CCW12</sub></i> cloning
GATG-CCW12p-rv	5'-AAAAAGGTCTCACATCTTCGGTGTAAGGAAGCGAGT-3'	<i>P<sub>CCW12</sub></i> cloning
GGTC-CWP1p-fw	5'-TTTTTGGTCTCGGGTCACCTTCGGAAGTGGTCGCA-3'	<i>P<sub>CWP1</sub></i> cloning
GATG-CWP1p-rv	5'-AAAAGGTCTCACATCTTGAATTGTTGGATGTTTGTGTGAC-3'	<i>P<sub>CWP1</sub></i> cloning
GGTC-TSA1p-fw	5'-TTTTGGTCTCGGGTCATCATGGCACCTATCTAGTT-3'	<i>P<sub>TSA1</sub></i> cloning
GATG-TSA1p-rv	5'-AAAAAGGTCTCACATCTGTAGAATTGCTGTTTACAGA-3'	<i>P<sub>TSA1</sub></i> cloning
GGTC-AFR038Wp-fw	5'-TTTTTGGTCTCGGGTCGGACACGTACCTTTGGGATA-3'	<i>P<sub>AFR038W</sub></i> cloning
GATG-AFR038Wp-rv	5'-AAAAGGTCTCACATCCTTTGTTTTGCGCGATGACT-3'	<i>P<sub>AFR038W</sub></i> cloning
GGTC-CDA2p-fw	5'-TTTTGGTCTCGGGTCGGCTCGCGCCAGGCACAGGCAACGT-3'	<i>P<sub>CDA2</sub></i> cloning
GATG-CDA2p-rv	5'-AAAAAGGTCTCACATCGCTGCTCCACGGTCGCT-3'	<i>P<sub>CDA2</sub></i> cloning
GGTC-TMA10p-fw	5'-TTTTGGTCTCGGGTCAACCCGGGGCTTCTGAAATTC-3'	<i>P<sub>TMA10</sub></i> cloning
GATG-TMA10p-rv	5'-AAAAAGGTCTCACATCTGTGTCCTTAGCTGCTGAACT-3'	<i>P<sub>TMA10</sub></i> cloning
GGTC-SED1p-fw	5'-TTTTGGTCTCGGGTCCCGCATAGTCTAATGAAGATTCTTT-3'	<i>P<sub>SED1</sub></i> cloning
GATG-SED1p-rv	5'-AAAAAGGTCTCACATCTGACTTTATGAAAGCGATAGGATG-3'	<i>P<sub>SED1</sub></i> cloning
GGTC-AGL366p-fw	5'-TTTTGGTCTCGGGTCTTACTGATACCAGTCCACATCGGT-3'	<i>P<sub>AGL366C</sub></i> cloning
GATG-AGL366p-rv	5'-AAAGGTCTCACATCCGCGCAATCTAAAGATTGAAACA-3'	<i>P<sub>AGL366C</sub></i> cloning
GGTC-HSP26p-fw	5'-TTTTGGTCTCGGGTCCGTCTGCCCCGTGGTGACC-3'	<i>P<sub>HSP26</sub></i> cloning
GATG-HSP26p-rv	5'-AAAAAGGTCTCACATCATTGCTGTTAGGCTGAGTTGC-3'	<i>P<sub>HSP26</sub></i> cloning
GGTC-PFS1p-fw	5'-TTGGTCTCGGGTCCTTTTCCATTTTATAACTCTAACAC-3'	<i>P<sub>PFS1</sub></i> cloning
GATG-PFS1p-rv	5'-AAAAAGGTCTCACATCCTGGAAGGAGGTGCTATACT-3'	<i>P<sub>PFS1</sub></i> cloning
kanB	5'-CTGCAGCGAGGAGCCGTAAT-3'	analytical PCR
AGL034C-a	5'-CAGCTCATCACAAACGCTTATCCA-3'	analytical PCR
ADR304-a	5'-TGTCGGTGCTCAAGACAGAC-3'	analytical PCR

loxPMK-P <sub>GPD1</sub> -MSN2-ins5	5'- AGCAGCAGATAAGGTGAGAACAAAAGCGTCCGGATAGCGAAGCAAGC TATAACGGTATAGAGCAGCCGTACACTAAGTGTCGGATCCCCGGGTTA ATTAA-3'	MSN2-expression
P <sub>AGL366C</sub> -MSN2-ins3	5'- CCTGTCAGACCCATGGCCGTCGCGCCCTGCCCTAACTCAGCGCCAAG AAGATACGCTGTGTATTCTGCAGAAGTCATCGCGCAATCTAAAGATTC GAAAC-3'	MSN2-expression
P <sub>SED1</sub> -MSN2-ins3	5'- TGTCAGACCCATGGCCGTCGCGCCCTGCCCTAACTCAGCGCCAAGAA GATACGCTGTGTATTCTGCAGAAGTCATCTGACTTTATGAAAGCGATA GGATG-3'	MSN2-expression
P <sub>AFR038W</sub> -MSN2-ins3	5'- GCCCCTGTCAGACCCATGGCCGTCGCGCCCTGCCCTAACTCAGCGCC AAGAAGATACGCTGTGTATTCTGCAGAAGTCATCTTTGTTTTGCGCGA TGACT-3'	MSN2-expression
P <sub>TSA1</sub> -MSN2-ins3	5'- GTCAGACCCATGGCCGTCGCGCCCTGCCCTAACTCAGCGCCAAGAAG ATACGCTGTGTATTCTGCAGAAGTCATTGTAGAATTGCTGTTTACAGAG TTTG-3'	MSN2-expression
MSN2-a	5'-CAAGTCCCGCTACAGAACCA-3'	analytical PCR
UBC6-qPCR-fw	5'-TCCGCCC GCGATCAGGATG-3'	qRT-PCR
UBC6-qPCR-rv	5'-CTTGCGCTTCGTGGAGTCCGTAGA-3'	qRT-PCR
MSN2-qPCR-fw	5'-CAGGCGGAGCAGCAGTTCAT-3'	qRT-PCR
MSN2-qPCR-rv	5'-CCCGATACGCCCGATAGCAT-3'	qRT-PCR

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\**Bsa*I sites are underlined. 4-nt overhangs are indicated in bold