

Supplemental Table 1. Primers used for vector constructions.

Name	Forward (5'-3')	Reverse (5'-3')	vector
<i>OFF1-AD</i>	<u>CATCGATACGGGATCCATATGGCG</u> ATGGATCATCGT	<u>TCATCTGCAGCTCGAGCTAGCCG</u> CCATGGAGGAC	<i>pGADT7</i>
<i>DLT-AD</i>	<u>GAATTCATGTTGGCGGGTTGCTCG</u> TTCTCGT	<u>TCTAGATTAGCTTTGCTGAGAATG</u> TGATGCTG	<i>pGADT7</i>
<i>OFF1-BD</i>	<u>CATGGAGGCCGAATTCATGGCGAT</u> GGATCATCGT	<u>GCAGGTCGACGGATCCCTAGCC</u> GCCATGGAGGAC	<i>pGBKT7</i>
<i>DLT-BD</i>	<u>GAATTCATGTTGGCGGGTTGCTCG</u> TTCTCGT	<u>CTGCAGTTAGCTTTGCTGAGAAT</u> GTGATGCTG	<i>pGBKT7</i>
<i>GSK2-BD</i>	<u>GAATTCAGCTTTGCCACATGGAC</u> CAGCCGGC	<u>CTGCAGTTAGCTCCAGTATTGAA</u> G	<i>pGBKT7</i>
<i>VN-OFP1</i>	<u>GCCTACTAGTGGATCCATGGCGAT</u> GGATCATCGT	<u>GAGCGGTACCCTCGAGCTAGCC</u> GCCATGGAGGAC	<i>pVYNE(R)</i>
<i>VN-DLT</i>	<u>GCCTACTAGTGGATCCATGTTGGC</u> GGGTTGCTCG	<u>GAGCGGTACCCTCGAGTTAGCTT</u> TGCTGAGAATG	<i>pVYNE(R)</i>
<i>VC-OFP1</i>	<u>GCCTACTAGTGGATCCATGGCGAT</u> GGATCATCGT	<u>GAGCGGTACCCTCGAGCTAGCC</u> GCCATGGAGGAC	<i>pVYCE(R)</i>
<i>GSK2-NLuc</i>	<u>TCGGTACCCGGGATCCATGGACCA</u> GCCGGCGCCG	<u>ACGAGATCTGGTCGACGCTCCCA</u> GTATTGAAGAA	<i>pCAMBIA1300-35S-NLuc</i>
<i>CLuc-OFP1</i>	<u>ACGCGTCCCGGGGCGGTACCATG</u> GCGATGGATCATCGT	<u>TCCATTTGTTGGATCCCTAGCCG</u> CCATGGAGGAC	<i>pCAMBIA1300-35S-CLuc</i>
<i>CLuc-GSK2</i>	<u>ACGCGTCCCGGGGCGGTACCATG</u> GACCAGCCGGCGCCG	<u>TCCATTTGTTGGATCCCTAGCTCC</u> CAGTATTGAA	<i>pCAMBIA1300-35S-CLuc</i>
<i>OFF1p-GUS</i>	<u>TACGCCAAGCTTGGCTGCAGGATC</u> TCTACGGTGAAGGAT	<u>GAATTCGCGGGGATCCTGGCAGC</u> TACCACCAGTA	<i>pCAMBIA2391 Z</i>
<i>OFF1-CRISPR/CAS9-U3m</i>	<u>GGCAGCGATGGATCATCGTGGTG</u> G	<u>AAACCCACCACGATGATCCATCG</u> C	<i>pYLCRISPR/Cas9-MH</i>
<i>OFF1-OE</i>	<u>CGGTACCCGGGGATCCGATCTCTA</u> CGGTGAAGGAT	<u>GCAGGTCGACTCTAGAAAAGGTG</u> CACACTGATCA	<i>pCAMBIA2300</i>
<i>DLT-RFP</i>	<u>TTTGGAGAGGACAGGGTACCATGT</u> TGGCGGGTTGCTCG	<u>TCGGAGGAGGCCATGGTACCCTG</u> TTGCTGAGAATGTGA	<i>pCAMBIA2300-35S-RFP</i>
<i>OFF1-GFP</i>	<u>GGGTACCCGGGGATCCATGGCGAT</u> GGATCATCGT	<u>TAGTGTGACTCTAGAGCCGCCA</u> TGGAGGACGAC	<i>pCAMBIA2300-35S-GFP</i>
<i>OFF1-FLAG</i>	<u>GAGGCGCGCCGTCGACATGGCGA</u> TGGATCATCGT	<u>TGTAGTCCATGTCGACGCCGCCA</u> TGGAGGACGAC	<i>pCAMBIA1300-35S-FLAG</i>

Supplemental Table 2. Primers used for quantitative PCR analyses.

Name	Forward (5'-3')	Reverse (5'-3')
For qRT-PCR:		
<i>UBQ</i>	GAGCCTCTGTTCGTCAAGTA	ACTCGATGGTCCATTAAACC
<i>OFP1</i>	AGCAGCTGCGTTGACACGT	GACGACCATCTCCACCAT
<i>GA2ox-3</i>	TGGTGGCCAACAGCCTAAAG	TGGTGCAATCCTCTGTGCTAAC
<i>GA20ox-2</i>	CCAATTTGGACCCTACCGC	GAGAGAAGCCCAACCCAACC
<i>GA3ox-2</i>	TCCTCCTTCTTCTCCAAGCTCAT	GAAACTCCTCCATCACGTCACA
<i>D2</i>	AGCTGCCTGGCACTAGGCTCTACAGATC AC	ATGTTGTCGGAGATGAGCTCGTCGGTGA GC
<i>D11</i>	TTGGGTCATGGCATGGCAAGAGCAAGGA	TTGTTGCTGGAGCCAGCATTCTCCTCT
<i>DWARF</i>	ATGGTGTGGTGGCGATTGGGGTGGTTG	ATGTTGTTCCGCCCCAGGATGTCCAGCA
For ChIP-qPCR:		
<i>OFP1</i> P1	ACCCTTGTCAATCCCTCTT	CGGAGTAGGGGTAGGTATG
<i>OFP1</i> P2	GCTTGATGGGAAGGTGACT	TTTTGGGACGGAGGGATT
<i>OFP1</i> P3	ACGCGTACTCAATGGTTG	TGTGTACGCGTACGCGCACT
<i>DTL</i> (coding region)	CCTGGCGTTCGAGTTCCA	TGGCGAGGACGCAGTTCA
<i>ACTIN1</i> (intron)	TGGCATCTCTCAGCACATTC	GGCAAGCAACATTGTAAGCA