

**Table S2 Primers used in this study**

<b>Primer name</b>	<b>Primer sequence (5'-3')</b>
GW9-Com	F:ATGCCTGCAGGTCGACTATTTGTAGAAACATAAGAATG R:CGGGGATCCTCTAGAGCAGCAGCAGCAACCCGAGATG
GW9-actin-GFP	F:CGATAAGCTTGGGCCCATGTGCCGCCACCAGCCAAGG R:CCTCCTCTTCCGCCATATTTTTCTTTGGATCCGAGCTT
GW9-GUS	F:GACCATGATTACGAATTGCTTGGGATGCTACCCGGCCCCGA R:TACCCTCAGATCTACCTGGTATCTGCGGACCCGGGGGGT
GW9-Target1	F:GGCATGTTCTGGGAACCATGTGGA R:AAACTCCACATGGTTCCCAGAACA
GW9-Target2	F:GGCAGGTACCATGTGGCAGCTTTA R:AAACTAAAGCTGCCACATGGTACC
GW9-Target3	F:GGCAGTTTTGGGTTGGTAAACTTC R:AAACGAAGTTTACCAACCCAAAAC
GW9-Target4	F:GGCAATTCATTTGTTCCGGAAACAA R:AAACTTGTTTTCCGAACAAATGAAT
GW2-PGEX	F:CCGGAATTCCTGGGTATGGGGAACAGGATAGGGGGGA R:ATGCGGCCGCTCGAGCTACAACCATGCCAACCCTTGCG
GW9-MBP	F:TCCGAATTC AAGCTTGTCATGTGCCGTCATCAGCCGCGTGC R:GATGCGGCCGCTCGAGTCTTAATTC TTTTTAGGATCGCTAC
GW2-AD	F:CGGGATCCATCGAGCTATGGGGAACAGGATAGGGGGGAG R:ATCTGCAGCTCGAGCCTACAACCATGCCAACCCTTGCG
GW9-BD-FL	F:ATGGAGGCCGAATTCATGTGCCGCCACCAGCCAAGG R:TCGACGGATCCCCGGTCAATTTTTCTTTGGATCCGAG
GW9-BD-N1	F:ATGGAGGCCGAATTCATGTGCCGCCACCAGCCAAGG R:TCGACGGATCCCCGGCACAATATGTGGATGTACATGCC
GW9-BD-N2	F:ATGGAGGCCGAATTCATGTGCCGCCACCAGCCAAGG R:TCGACGGATCCCCGGCTTAAAGCTGCCACATGGTACC
GW9-BD-N3	F:ATGGAGGCCGAATTCATGTGCCGCCACCAGCCAAGG R:TCGACGGATCCCCGGCATAGTATTATTGTAGTATTTG
GW9-BD-N4	F:ATGGAGGCCGAATTCCTAGCTAGACCTACTAATAATG R:TCGACGGATCCCCGGCACAATATGTGGATGTACATGCC
GW9-BD-N5	F:ATGGAGGCCGAATTCGGGAAGTGTCTTGGGGTAAAATAC R:TCGACGGATCCCCGGCACAATATGTGGATGTACATGCC
GW9-BD-N6	F:ATGGAGGCCGAATTCAGTTGCTTGACATTTTTGCTCTC R:TCGACGGATCCCCGGCACAATATGTGGATGTACATGCC
GW9-BD-N7	F:ATGGAGGCCGAATTCACACATATTATAAGGTTGAGATC R:TCGACGGATCCCCGGCAGACTAACATTAACAGCCTGGC
GW9-BD-C1	F:ATGGAGGCCGAATTCGCTGAGGGAGTTGATCCAAGACA R:TCGACGGATCCCCGGTCAATTTTTCTTTGGATCCGAG
GW9-BD-C2	F:ATGGAGGCCGAATTCGATGTGCCACCTTCGTCATTG R:TCGACGGATCCCCGGTCAATTTTTCTTTGGATCCGAG
GW2-YN	F:GAGGAGGATCTTCCCGGGATGGGGAACAGGATAGGGGGGAG R:GCATGCCTGCAGGTCGACTACAACCATGCCAACCCTTGCG
GW2-YC	F:GGAGCTCGGTACCCGGGATGGGGAACAGGATAGGGGGGAG R:GTATGGGTACATACTAGTCAACCATGCCAACCCTTGCG
GW9-YN	F:GAGGAGGATCTTCCCGGGATGTGCCGCCACCAGCCAAGGGC R:GCATGCCTGCAGGTCGACTCAATTTTTCTTTGGATCCGAGCT
GW9-YC	F:GGAGCTCGGTACCCGGGATGTGCCGCCACCAGCCAAGGGC R:GTATGGGTACATACTAGTATTTTTCTTTGGATCCGAGCT
GW9-cluc	F:CGTACGCGTCCC GGGGCATGTGCCGCCACCAGCCAAGGGCT R:CCCTCTAGAGGATCCCGATTTTTCTTTGGATCCGAGCTTC
GW9-nluc	F:GGGACGAGCTCGGTACCCATGTGCCGCCACCAGCCAAGGGCT R:GCCCTCGAGAGGATCCCATTTTTCTTTGGATCCGAGCTTC
GW2-nLUC	F:GGGACGAGCTCGGTACCCATGGGGAACAGGATAGGGGGGAG R:GCCCTCGAGAGGATCCCAACCATGCCAACCCTTGCG
GW2-cLUC	F:CGTACGCGTCCC GGGGCATGGGGAACAGGATAGGGGGGAG R:CCCTCTAGAGGATCCCGCAACCATGCCAACCCTTGCG
GW9-GFP-Flag	F:CTTCTGCAGGAGCTCGATGTGCCGCCACCAGCCAAGGGC R:TGCTCACCATGGATCCATTTTTCTTTGGATCCGAGCT
GW2-RFP-HA	F:CTTCTGCAGGAGCTCGATGGGGAACAGGATAGGGGGGAG

R: TGCTCACCATGGATCCCAACCATGCCAACCCTTGCG  
 GW2-Target-1 F: GGCACAAAACCTCCCAGTTATGCTG  
 R: AAACCAGCATAACTGGGAGTTTTG  
 GW2-Target-2 F: GGCATGAGCACCAGCCACCCAGTA  
 R: AAATACTGGGTGGCTGGTGCTCA  
 CYCA1.1 F: GTTTCGGTTGACGAGACGATGT  
 R: CGCTGCAAGGAACCTAGAACTG  
 CAK1A F: GACCGACAAGGGTTTCAGCAT  
 R: CAGCATGTTTCAGGAAGATACAAT  
 CDC20 F: TCGAATCACCTGTTTGTGGC  
 R: TGGAGACAATCCAACGCAAAG  
 CDKA1 F: GGTTCGGACCTTCTCTCTAAAATGC  
 R: AGAGCCTGTCTAGCTGTGATCCTT  
 CDKB F: AAGTTTGGCCAGGAGTGAGCA  
 R: TCAAGAGCATCAGCGTCGAGA  
 CYCA2.1 F: AATATTGAGCGAAACAGGGACAG  
 R: AGGAAGCACACATTTGAGGATTT  
 CYCA2.2 F: AGGTTGTCAAGATGGAGAGCGA  
 R: CGCTTTTTGTCTTCCTGGCA  
 CYCB2.1 F: CGCTTGCAGCAACCGAGTA  
 R: CATCCATCAGCTCAAACCTGTGAT  
 CYCB2.2 F: CTCAAGGCTGCACAATCTGACA  
 R: GCATTGACGGCTGGAATTTG  
 CYCD2.1 F: GATTGGAGTGTTCTTGGAGGAAA  
 R: TGTTCATCCAAGATTCGTCAT  
 CYCD4.1 F: GCCATGGAGTTGATACATCCAA  
 R: CCAGTAGGGCTCCGTGGAAT  
 CYCD4.2 F: TGGTAGAAGAAGACATCGCAGAG  
 R: TCTCCTGGTGCTTGCAGGTT  
 CycH1 F: TGATGTTGACTGACGCTCCTCT  
 R: CAATCAGAATGTTGCCTTGAAAA  
 CYCT1.3 F: GCATTTGTTGCAGCTCAAG  
 R: TCACCACTTCGCTGACTTATTG  
 E2F2 F: TGTGGTGGCTGCCGATAT  
 R: CGCCAGGTGCACCCTTT  
 MACM2 F: AAGTTGGCAAAAGATCCACGG  
 R: CCCCCAAACATAGCTAGTGCAA  
 MACM3 F: TTCATGCGTCACTAAATGCGAG  
 R: TGAATCTGGAAGCCCAATGTTC  
 MACM4 F: CCCGAATGCGATTCTCTGAA  
 R: ACCAGTGGCATGATCAGTTGC  
 MACM5 F: AAGGAGAACTGCCTGTCCATGA  
 R: AGTGGCCTTAGCTTTACCCTC  
 MAD2 F: GAGCCATGCATATTCGACGTG  
 R: GGTGTCGAAGGAATGCAGCTT  
 GL7-RT F: CCCCTAGCATCGACACCAAG  
 R: CGGGTTCAGCACTCCTCT  
 GSN1-RT F: GGAAGGGCAGAGCTTTGACGAT  
 R: CCGCAGAACCGAGTTTGGAGAT  
 GS5-RT F: GTTCTCGGTACTGCGTGGAAG  
 R: ACTCCACAAACCTCCCAGCA  
 GW8-RT F: GGGATGATCAAACCGAGGAG  
 R: GTCAGAGGTGGAGCCAACGA  
 LOG-RT F: GTCAGCGAAGGATTCATAGCG  
 R: CGACCTCGTACTCGGGAACATAC  
 FUWA-RT F: AGCAACATTGTGCGAATAACTCC  
 R: TTCCTGTATCATCCACGGCAA  
 DST-RT F: CGGCTGTTCCCGTGCTTGTCT  
 R: ACCCGATGCTCCGCTCCTTCTT  
 EP3-RT F: GGTGCTCGAATGCCTCACAAG  
 R: AGATAAGGTCATCCGCCCCACA

GW9-RT

F:TATCATTTCAGCGCCGATCCAT

R:TCAGGCTCCTCTTCTTCCGTC

ACTIN-RT

F:TGCTATGTACGTCGCCATCCAG

R:AATGAGTAACCACGCTCCGTCA

## **Primer description**

complement construct

over expression construct

GUS stain construct

Crispr-cas9 construct

Crispr-cas9 construct

Crispr-cas9 construct

Crispr-cas9 construct

Protein expression construct

Protein expression construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

Y2H construct

BiFC construct

BiFC construct

BiFC construct

BiFC construct

LCI construct

LCI construct

LCI construct

LCI construct

GFP construct

RFP-HA construct

Crispr-cas9 construct

Crispr-cas9 construct

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

qPCR analysis

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