

Supplementary Table 1. List of primers used in this study

Primer name	Sequence (5'→3')
RhUBI2-qPCR-F	GCCCTGGTGCGTTCCCAACTG
RhUBI2-qPCR-R	CCTGCGTGTCTGTCCGCATTG
qPCR-RhARF1-F	ATGATGGTTGGGGATGACCC
qPCR-RhARF1-R	TCAGGTGTGAGACTGGAAAGAA
qPCR-RhARF17-F	CATGGGCTCACCTCTTAGC
qPCR-RhARF17-R	GTCGTATGCTGAACTCATTGCC
qPCR-RhARF2-F	GGGTGACATGATGCTTGTTGG
qPCR-RhARF2-R	CCCTGGTCACAATGAAAAACAGA
qPCR-RhARF3-F	GCATCAGTTTCCCCTTCCCC
qPCR-RhARF3-R	TGGCGGTTACTTACATTTTGC
qPCR-RhARF6-F	CATCAGTAGGGCTTTCTCGCA
qPCR-RhARF6-R	GTCCTTTTCTTGCTTGGGG
qPCR-RhARF8-F	TTGTGCGTTGCTTGCTTGGA
qPCR-RhARF8-R	TTTTGAACCGCACATGCACAG
qPCR-RhARF9-F	AGATCGGCCACGTAACAAG
qPCR-RhARF9-R	TCCAAACACAAGCCACTTCTCA
qPCR-RhCHSa-F	CGAGATATCACAATGGTGACCGT
qPCR-RhCHSa-R	ACATGCGCTGGAATTTCTCCTTGA
qPCR-RhCHSc-F	CCCAATATCGAAATGGTGACTGTCG
qPCR-RhCHSc-R	TGGAATTTCTTCTTGAGCTCAACCT
qPCR-RhCHI-F	CGCCGTAAAGTGGAAGGGT
qPCR-RhCHI-R	TGGCAGTATCATCGTCACCTG
qPCR-RhF3H-F:	TTCAAGAACGCCGATCACCA
qPCR-RhF3H-R:	TGGCTCCTCCAGAATAGGCT
qPCR-RhF3'H-F:	CTGAAACCTTCAACACACTCGACTC
qPCR-RhF3'H-R:	ATTTGCCGGAGAAAAGAAGCCG
qPCR-RhDFR-F:	CGTAGGTTTCATGGCTCGTCA
qPCR-RhDFR-R:	TCCACAGCGTCAAGTGAGTC
qPCR-RhANS-F	AGCTCATGGAACGGGTCAAG
qPCR-RhANS-R	TTGCCCGGAAGCATTGTTTG
qPCR-RhUFGT-F	GAGCCACAAAGTTGCTAGTTCTAG
qPCR-RhUFGT-R	CTTTTTGCCGGAAGTCGAGAAG
qPCR-RhGT1-F	CCTCGACATGTTTTGCGACG
qPCR-RhGT1-R	ACAGACTGTTGGTTGTGCGA
TRV-RhARF8-F	TTCTGTGAGTAAGGTTACCGAATTCGGGACCCTTATAAGAGGGGAA
TRV-RhARF8-R	GAGACGCGTGAGCTCGGTACCCTACTGTTCTCTACTAGGCACCTAC
pSuper1300-RhARF8-F	CTCGATACACCAAATCGACTCTAGATGAAGCTTTCCACATCAGG
pSuper1300-RhARF8-R	TTGCTCACCATGGTACCATACTCATGTGAGCCGAGAGATGGTAGC
TRV-RhARF1-F	TGTGAGTAAGGTTACCGAATTCTATGCCAGCACGGATCTAGC
TRV-RhARF1-R	AGACGCGTGAGCTCGGTACCCGAGTTATTTGTGCCTTGCG
pJG-RhARF-1	GCCAGATTATGCCTCTCCCGAATTCATGGCGCTCTCGGC
pJG-RhARF-1	AGTCCAAAGCTTCTCGAGATATGCCGTCCCCATAATAGAC
pJG-RhARF8-F	GCTCTAGAACTAGTGGATCCATGGCCGAGCTATCTCCT
pJG-RhARF8-R	TTTCAGCGTACCGAATTGGTACCTGCAACAGCAACTCCAGCA
pJG-RhARF2-F	CAGATTATGCCTCTCCCGAATTCATGACGTCATCGGAGGTTT
pJG-RhARF2-R	GAAGAAGTCCAAAGCTTCTCGAGTCACTGAGACTTCCCCTCT
pJG-RhARF3-F	GCCAGATTATGCCTCTCCCGAATTCATGGCGGGTCTGATCG
pJG-RhARF3-R	TCCAAAGCTTCTCGAGCTATCCTTGTAACAACCTTTCCATCC
pJG-RhARF6-F	CAGATTATGCCTCTCCCGAATTCATGAGGCTCTCTTCTGCTG
pJG-RhARF6-R	AGAAGTCCAAAGCTTCTCGAGTCAGTACTCGAGTGATCCCAC
pJG-RhARF9-F	AGATTATGCCTCTCCCGAATTCATGATGACGAATCAAGCAGG
pJG-RhARF9-R	AAGTCCAAAGCTTCTCGAGTTAATCCGAACCTTGTTACTGTCC
pJG-RhARF17-F	GCCAGATTATGCCTCTCCCGAATTCATGCCTCCCAATTCTCACC
pJG-RhARF17-R	AGAAGTCCAAAGCTTCTCGAGTTACAAAGTACAAGCTTCAACAGC
SK-ARF1-F	GGCCGCTCTAGAACTAGTGGATCCATGGCGCTCTCGGC
SK-ARF1-R	ATTTCAGCGTACCGAATTGGTACCATATGCCGTCCCCATAATAGAC
SK-ARF8- F	GCCGCTCTAGAACTAGTGGATCCATGAAGCTTTCCACATCAGGG

SK-ARF8-R	TTTCAGCGTACCGAATTGGTACCATACTCATGTGAGCCGAGAGA
LUC-RhCHSc-F	ATAGGGCGAATTGGGTACCGCAATGGCTCATGATCCTACT
LUC-RhCHSc-R	GCCGCTCTAGAACTAGTGGATCCAGGAAATACCCAAGGGTAGGA
LUC-RhCHSa-F	TCACTATAGGGCGAATTGGGTACCGTCCTCAAATCGAGCATAACG
LUC-RhCHSa-R	GGCCGCTCTAGAACTAGTGGATCCGAATTCGGCTTCGAAGTTGG
pLacZi-CHSa-F	GAATTCGAGCTCGGTACCGTCCTCAAATCGAGCATAACG
pLacZi-CHSa-R	ACAGAGCACATGCCTCGAGGAATTCGGCTTCGAAGTTGG
pLacZi-CHSc-F	GAATTCGAGCTCGGTACCGCAATGGCTCATGATCCTACT
pLacZi-CHSc-R	ACAGAGCACATGCCTCGAGAGGAAATACCCAAGGGTAGGA
pLacZi-RhCHI-F	CCTTTGATATTGGATCGGAATTCCTCACCACCAGCATCAGAGTCATAA
pLacZi-RhCHI-R	CCCGGGTACCGAGCTCGAATTCGTTTTGTGCGAGTAGCAAGAGAACC
pLacZi-RhF3H-F	CCTTTGATATTGGATCGGAATTCGTGCGCTAGTCCTGTTAGGTGAATAT
pLacZi-RhF3H-R	CCCGGGTACCGAGCTCGAATTCGTCCCGGATGAACTTGTCCCAATT
pLacZi-RhF3'H-F	CCTTTGATATTGGATCGGAATTCATAAGCAGTATGCAATGCTTCACGT
pLacZi-RhF3'H-R	CCCGGGTACCGAGCTCGAATTCCTTTACCCGAGAGGGAGAGCATC
pLacZi-RhDFR-F	CCTTTGATATTGGATCGGAATTCGCTTAATCAAATCCTTGACCGATTC
pLacZi-RhDFR-R	CCCGGGTACCGAGCTCGAATTCATAGGTGAACTATGTGTGCTTTGC
pLacZi-RhANS-F	CCTTTGATATTGGATCGGAATTCGTCTCTGGTGATGGCAGAGGAAGA
pLacZi-RhANS-R	CCCGGGTACCGAGCTCGAATTCGTCTCACGTACTCCTTTGGGATCG
pLacZi-RhUFGT-F	CCTTTGATATTGGATCGGAATTCAGCATAGCATAATCGGGTTATACG
pLacZi-RhUFGT-R	CCCGGGTACCGAGCTCGAATTCCTAGCAACTTTGTGGCTCATTATG
pLacZi-RhGT1-F	CCTTTGATATTGGATCGGAATTCCTCAACCAGGTCTTTGAGGTTAAACT
pLacZi-RhGT1-R	CCCGGGTACCGAGCTCGAATTCACCATGGAAATTAGGTGGCCTAGTC
CHIP-RhCHSc-P1-F	GTAGCTTTCTGTTCCCTCCGAA
CHIP-RhCHSc-P1-R	TGGAGCCCATTACCTTCTCA
CHIP-RhCHSc-P2-F	TGCTCTGAGACAGGTTGG
CHIP-RhCHSc-P2-R	ATATCACCAGGACAGCGG
CHIP-RhCHSa-P1-F	TCCTCAAATCGAGCATAACGAA
CHIP-RhCHSa-P1-R	TCAGGATTGACCGCATTTTG
CHIP-RhCHSa-P2-F	CGTCCTGTACGAGTAACAATC
CHIP-RhCHSa-P2-R	GTGGTAGAATGTTGAGAAGTCG
CHIP-RhCHSa-P3-F	AATCCGAAATTCCTCCGATGT
CHIP-RhCHSa-P3-R	GGTTTGGGTCTGTTGAGATGA
CHIP-RhCHSa-P4-F	TCATCTCAACAGACCCAAACC
CHIP-RhCHSa-P4-R	GGTTTGGTTTTTGCCACTGATT
