

A

GN₁₉NGG Sg RNAs

WAK4 Sg RNA

gattGCAA TCCTGAATAC GTTGAA3' WAK4 CRISPRF
CGTT AGGACTTATG CAACTT caaa 5' WAK4CRISPRR

WAK4 seq

1601 CACCACTAAT ACCTGCAAAC CTAAAGGCAA TCCTGAATAC GTTGAATGGA CTACAATTGT

WAK2 SG RNA

5' gatt GGG AATCCATACC TTCCAAA WAK2CRISPF
CCC TTAGGTATGG AAGGTTT caaa 5' WAK2CRISPR

WAK2 seq

851 GTTTAGAAGG TTTTGAGGGG AATCCATACC TTCCAAACGG TTGTCAAGGTACTTTAACTTG

WAKΔ seq

CTAATACCTGCAAACCTAAAGGCAATCCTGAATACGTTCAAACGGTTGTCAAGGTACTTTAACTTG

B

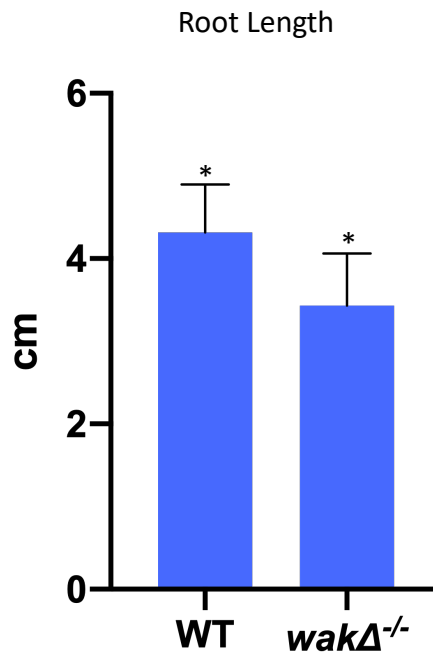


Fig S3C

wak23UTR: CCAAGTAAAGGGAAATATGAACATGATTATTGATGATGTAC
wak45UTF: CTGCGTAAAGATCAAGTTTGGAGAGAAAATAAATAAAGAAGATG
wak1NF2: GCTTGGCGTTGCCTGTATACAACAG
wak1Rspecific: CAGGAGATGAAGAATTTAGGAACCAGGTTTCATG
wak2UF: GAGAGAAGATGAAGGTACAGGAGGGTTTGTTCGTGGTGG
wakTMR: GAGCTCGTTCTTCCGGTGCTTATTT

QUA2 F: 5'-CAGGGATCTTAGATTTATAGCAGCAAC-3'
QUA2R: 5'-GAAACCGAACCGGAAACATA-3'
ESMD1F: 5'-GGCGATAGGTTTCAATGATGAATTAAG-3'
ESMD1R: 5'-CCAAGTAAAGGGAAATATGAACATGATTATTG ATGATGTAC-3'