

TABLE S1 Primers used in this study**Mutagenesis**

SO2364-5O	GGGGACAAGTTTGTACAAAAAAGCAGGCTACCCCCATAAACATATCTCG
SO2364-5I	CCAATAGGTGCTCACGTCATGAGCCGCAATTAAAACAC
SO2364-3I	ATGACGTGAGCACCTATTGGCCTTTCTACTTTGTACGTTTCC
SO2364-3O	GGGGACCACTTTGTACAAGAAAGCTGGGTAGTCCTTCGATTCCTTGC
SO3285-5O	GGGGACAAGTTTGTACAAAAAAGCAGGCTAAGAGCAAATTAAAGCTGCT
SO3285-5I	ACGATGCACCTTCGCTAAATGATAATCGGTAATAACGCC
SO3285-3I	ATTTAGCGAAGGTGCATCGTGTTTGGCCGCTTAAGCC
SO3285-3O	GGGGACCACTTTGTACAAGAAAGCTGGGTCAGCGAATGAGTTATCTTCCC
SO4607-5O	GGGGACAAGTTTGTACAAAAAAGCAGGCTAGCACTTGCAGGTAGTGCTA
SO4607-5I	AGCACGAGGTAGCCGCAAATTGTAAAGGCTGGCATTACC
SO4607-3I	ATTTGCGGCTACCTCGTGCTGGTGATTAAGTGCATTCC
SO4607-3O	GGGGACCACTTTGTACAAGAAAGCTGGGTTATCGCCTGACCCACAAT

Complementation

SO2364/2363-CF	CCCCCGGGTCTAAGGAGCAGATTGATC
SO2364/2363-CR	GGAATTCCTTATTTGAGTGCGTGAC
SO2361-CF	CCAATGCATAGTAGCTTCTGGAGTATTTGG
SO2361-CR	GGAATTCCTCGAGGTTATCGAGGCC
SO3285/3286-CF	CCCCCGGGATGGTTACGTGGTTAATTTG
SO3285/3286-CR	GACTAGTGCTCCTTAGTTCTAATAGAGTGA
SO4606-CF	CCCCCGGGGTGAAGCAATGGTTGTATTG
SO4606-CR	GGAATTCCTACTTTCCATGGCGTGCGATAT

Promoter activity

SO4606-5P	GGAATTCGCCTTGAAAGCCGCCTC
SO4606-3P	CGGGATCCGTAATCATGGTCATAAGACTTCTCCTCTGCCAAT
SO3286-5P	GGAATTCCTGAATCAAAGCGGGTGG
SO3286-3P	CGGGATCCGTAATCATGGTCATCGGTGACTCCTTACGTGGTGC
SO2364-5P	GGAATTCGAAGCAGTGAGATTCATTGTA
SO2364-3P	CGGGATCCGTAATCATGGTCATAATGCTTCCACTGCTTATTACT

qRT-PCR

qRT-2364-F	CCGTTTCCTGTTAGCTTGTTT
qRT-2364-R	AATAGGAAACCTACAGCATT
qRT-3285-F	CCAGTGGGTTTCGATTACCG
qRT-3285 -R	TGATCAGCGGTGGCACAAAG
qRT-4606-F	GAGCAAAAACAAGCCGCAGA
qRT-4606-R	AAACTTGCTCTCCCTGCGTC
