

Supplementary Table 2: Oligonucleotides used in this study.

Name	Sequence (5'→3')	Objective
flbD-PP1	CGACTCCATGACCACATTCC	Amplification of <i>flbD::gfp::pyrG^{Afum}</i> construct
flbD-GSP4	GGCAGGCGTTACTGTATACGT	
pRG3Up	GAATTCGAGCTCGGTACC	Sequencing of the flanking regions of the insert of pRG3
pRG3Down	AAGCTTGCATGCGCGGCC	
An8501-sek1	CGTTGGTCCGTTTCGCATGAAGC	Sequencing of the ORF of <i>An8501/socA</i>
An8501-sek2	CGTGTTATCGCCGAGATCAGAGG	
An8501-sek3	CGTCACTCATAACGCTAGCCACCC	
An8501-sek4	GCGAAGCGATCTGTGAGGTCC	
An8501-PP1	CGACGAAGGCCCATACCATCC	Deletion and tagging of <i>An8501/socA</i> with <i>gfp^{Afum}</i> or <i>ha_{3x}</i> (native promoter or constitutive <i>gpdA^P</i> promoter)
An8501-PP2	CATGAGCAGCGCCCGTCAATGG	
An8501-GSP3	TAAGTGTTGGTGCACCTCCGACACG	
An8501-GSP4	GCAGCAGCCCATCTCGACTTCC	
An8501-GSP1	GAGACCAACAACGTCGGCGG	
An8501-GSP2	GACGCTCGTCCTAGGAGGCG	
An8501-SMP1	CCATTGACGGGCGCTGCTCATGACCGGTCGCCT CAAACAATGCTCT	
An8501-GFP1	CGCCTCCTAGGACGAGCGTCGGAGCTGGTGCAG GCGCTGGAGCC	
An8501-GFP2	CGTGTCGGAAGTGCACCAACACTTAGTCTGAGA GGAGGCACTGATGCG	
An8501-geneSP	ATGTCGGAAACTCTCCCCAGACG	
An8501-PP2'-ATG	GAGCAGCGCCCGTCAATGG	
An8501-gpdAUp	CCATTGACGGGCGCTGCTCCCATCCGGTGCTCTG CACTCGACC	
An8501-gpdADw	CGTCTGGGGAGAGTTTCCGACATGGTGATGTCT GCTCAAGCGGGG	
An6835-Up	CTTGCAATTGGACGACC	Sequencing of FLIP166's mutation in <i>An6835</i>
An6835-Dw	CAGGACAGCTTGAAGTGC	
An12172-Up	CAGACGCCACCCTCC	Sequencing of FLIP166's mutation in <i>An12172</i>
An12172-Dw	CTCCTGCATGGATAGCG	
An8615-Up	CGAAACTGTGGAAGATCC	Sequencing of FLIP166's mutation in <i>An8615</i>
An8615-Dw	CTTGACGGATCAATCTGC	
An1459-Up	GTGGGCTATGACGGC	Sequencing of FLIP166's mutation in <i>An1459/pmtC</i>
An1459-Dw	CGGCTAGCTCGTGCG	
An0560-Up	CCCAACTAAGCTGATTGCG	Sequencing of FLIP166's mutation in <i>An0560</i>
An0560-dw	CCAGCCTGTTTCGTGG	
An7222-Up	GCCAGACTTCCACGG	Sequencing of FLIP166's mutation in <i>An7222</i>
An7222-Dw	GGTCGTCACCTAAGGGCG	
An8821-Up	GGATGGAACAGCAGTGG	Sequencing of FLIP166's mutation in <i>An8821</i>
An8821-Dw	GGTGTTCCAGAGGGGG	
An12172-GSP1	GTGGTTACGGGAGTCTTCCAAGTCTTTTCG	Tagging of WT or FLIP166's-mutant
An12172-GSP2	GTTTTTCGGCTGTGGAGGAGAAATCCAGC	
AN12172-GSP3	TAGATAACCGTCTTTATTAGAAGTACTGTGC	

AN12172-GSP4	CTGAAGACCTCTGGCCCAATGC	versions of <i>An12172</i> with <i>gfp^{Afum}</i>
AN12172-GFP1	GCTGGATTCTCCTCCACAGCCGAAAAACGGAGCTGGTGCAGGCGCTGGAGCC	
AN12172-GFP2	GCACAGTACTTCTAATAAAGACGGTTATCTAGTCTGAGAGGAGGCACTGATGCG	
An12335-GSP1	CCTCCACTCCGAACAACCAAAAGTCTAACC	Tagging of WT or FLIP166's-mutant versions of <i>An12335/acdA</i> with <i>gfp^{Afum}</i>
An12335-GSP2	GAGAAGACTCTTCAACTTCGAGAACCCATTTCGC	
AN12335-GSP3	TAGCTTTGGCTCCTTCGATAGCGTTGTGACG	
AN12335-GSP4	GTTTCTTTTCCGCACAGATGGCTAAAGAGGC	
AN12335-GFP1	GCGAATGGGTTCTCGAAGTTGAAGAGTCTTCTC GGAGCTGGTGCAGGCGCTGGAGCC	
AN12335-GFP2	CGTCACAACGCTATCGAAGGAGCCAAAGCTAGTCTGAGAGGAGGCACTGATGCG	
PmtC-GSP1	CTGGTCATCACTATGGCCCTGAGC	Tagging of WT or FLIP166's-mutant versions of <i>An1459/pmtC</i> with <i>gfp^{Afum}</i>
PmtC-GSP2	TTTCGCGAAGTGCAAGTCATAGCCAAGC	
PmtC-GSP3	TAGGAGCATCTGATCTCATCTCGTTCTCTCCC	
PmtC-GSP4	CGCTGTTGTAGCCGATGAAACTGC	
PmtC-GFP1	GCTTGGCTATGACTTGCACTTCGCGAAAGGAGCTGGTGCAGGCGCTGGAGCC	
PmtC-GFP2	GGGAGAGAACGAGATGAGATCAGATGCTCCTAGTCTGAGAGGAGGCACTGATGCG	
PmtC-sek1	CAGGAACACCTCGATCC	Sequencing of the ORF of <i>An1459/pmtC</i>
PmtC-sek4	CACCGGCGAACACAGC	