

Table S1. Primers used in this study

Primers	Sequences (5'-3')	Restriction Site
For construction of the promoter-GFP reporter plasmids		
SA- <i>spx</i> -P2-pro-F	CTC <u>GCTAGC</u> GTGTAGAACTTATCTGAAAAATTAGG	NheI
SA- <i>spx</i> -P2-pro-R	CTC <u>GGATCC</u> TCATTGCTTAAAATTTAGTTATAGATCA AG	BamHI
SA- <i>mgrA</i> -P2-pro-F	CAC <u>GCTAGC</u> GATCGCAACAAACACAACC	NheI
SA- <i>mgrA</i> -P2-pro-R	CAC <u>GGATCC</u> GTTACTGACACATTATATTAGTGA	BamHI
For construction of the <i>arlRS</i> complementation plasmids		
SA- <i>arlRSc</i> -R	GTT <u>GGATCC</u> TGACTTTGATTGACGTCTCAGT	BamHI
SA- <i>arlRSc</i> -F	GTT <u>GTCGAC</u> TGTGTGAAATGTTTAAACTACGGT	Sall
For expression of the recombinant cytoplasmic domain of ArlS protein		
arlSHK-F	TCG <u>GGATCC</u> ATTCGACGAGATGGTTTTTC	BamHI
arlSHK-R	TCG <u>CTCGAG</u> TAAAATATGATTTTAAACGTTGTTTCCT	XhoI