

Supplementary Table 1. Sequences of primers used for molecular cloning

Gene name, PCR product	Forward primer	Reverse primer
<i>docA</i>	AACTACCGGTAAAATGGCATCAGTGTCAAGCT	TACTGCTAGCATTAAATTTTTGTCTTGAATTTTTTCATTGT
<i>docB</i>	AACTGACCGGTAAAATGGCTGATCAACAAGGTAATT	TACTGCTAGCAATTAATTATGAATTGATTCAATTTCACTTG
DDB0232276	AACTAGATCTAAAATGGTTTTACAATTTGTGCGACGAT	TACTACTAGTGGCTTTTACTCTTGAAGAAGTTCC
<i>pakB</i>	AACTAGATCTAAAATGGAGCAATCAAAAAGAGTTTC	TACTACTAGTATGAATTGAAAATTTACTATGAGCTTC
<i>kxcB</i>	AACTAGATCTAAAATGGAATTATCTGAACCAAAACAAAG	TACTACTAGTTTCAGTCATCATACCAGTGTTTTTTAAC
<i>rapgap1</i>	AACTAGATCTAAAATGTCAATTTATCATGGTATTATAGGATC	TACTACTAGTTTCACTACCAAAATCAGTAATGAATG
<i>scar</i>	ATACTGGATCCAAAATGGTATTAATTACAAGATATTTACCATC	ATACTACTAGTATCCCAATCAGAATCATCAGA
<i>docA</i> – 1361-4205 bp	GAATCCAAATGAAAGAATTAGAACAATCTT	TACTAAAATGGAAATGTAATAATTGGAAAA
<i>docB</i> – 5245-6755 bp	AAAAGAATTGAAAGTAAAACGATTGAA	CCCTTTGAAGTTTTGGGAAA
RFP-LifeAct cassette	AAAAGCCGGCTCATTTTATAATCTCAGAAACCTC	TTTAAGCCGGCAATTTTCATTGGAATTTATTTGGG