

Supplementary Table 1. Oligonucleotide primers used in this study

Primer	Sequence (5'-3')	Corresponding gene
M13R	agcggataacaatttcacacagga	pUCATPH1
M13F	cgccagggttttcccagtcacgac	pUCATPH1
hyg3	ggatgcctccgctcgaagta	<i>Hyg^r</i>
hyg4	cgttgcaagacctgcctgaa	<i>Hyg^r</i>
F1	gcattcgcttcaccaccta	<i>AaMFS54</i> forward
F2	atctgcccattgccttggctt	<i>AaMFS54</i> forward
R1	caaaggaaggtggagggcat	<i>AaMFS54</i> reverse
R2	cgaacgctgaagcccaacta	<i>AaMFS54</i> reverse
M13F54	<u>gtcgtgactgggaaaaccctggcgtgcttcagaactcaagagag</u>	<i>AaMFS54</i> carrying sequence (underlined) complementary to M13F primer
M13R54	<u>tcctgtgtgaaattgttatccgctagctggattagaaagagctt</u>	<i>AaMFS54</i> carrying sequence (underlined) complementary to M13R primer
F3	ttcagtagacagacaaaaat	<i>AaMFS54</i> forward (probe labeling)
R3	tgtacagactggaagtaaat	<i>AaMFS54</i> reverse (probe labeling)
SSH54P	tgagttgcacctgccaacgc	<i>AaMFS54</i> forward
SSH54T	agtgatcagcagactttgga	<i>AaMFS54</i> reverse
SSH54QF1	atatctcacttccatcttcttc	<i>AaMFS54</i> forward (RT-PCR)
SSH54QR2	cttgatcatgacactatgaa	<i>AaMFS54</i> reverse (RT-PCR)

pUCATPH1, a plasmid harboring a hygromycin resistance cassette

Hyg^r, a bacterial phosphotransferase B gene (*HYG*) cassette conferring hygromycin resistance