

**Table S6.** Primer pairs and probes of bar and hmg genes used in this study.

Type of Assay	Gene Name	Primer/Probe Name	Sequence (5'–3')	Amplicon Size (bp)	Reference
Sequence PCR	<i>hmg</i>	hmg-seq-F	ATCCCTGAGCGAGTCGGTAA	201	This paper
		hmg-seq--R	GTTTCCCTACCTCGCCCTTG		
TaqMan qPCR & <u>Digital PCR</u>	<i>bar</i>	<u>bar-taq-F</u>	<u>ACAAGCACGGTCAACTTCC</u>	60	[52]
		<u>bar-taq-R</u>	<u>GAGGTCGTCCGTCCACTC</u>		
		<u>bar-taq-Probe</u>	<u>FAM-TACCGAGCCGCAGGAACC-BQ1</u>		
	<i>hmg</i>	hmg-taq-F1	TTGGACTAGAAATCTCGTGCTGA	79	[53]
		hmg-taq-R1	GCTACATAGGGAGCCTTGTCCT		
		<u>hmg-taq-F2</u>	<u>TGGACTAGAAATCTCGTGCTGA</u>	76	This paper
		<u>hmg-taq-R2</u>	<u>TACATAGGGAGCCTTGTCCT</u>		
		<u>hmg-taq-Probe</u>	<u>VIC-CAATCCACACAAACGCACGCGTA-BQ1</u>		
Southern blot	<i>bar</i>	bar-southern-F	TTTCGGTGACGGGCAGGAC	484	This paper
		bar-southern-R	TGCACCATCGTCAACCACTA		
Vector construct	<i>hmg</i>	hmg-EcoR I-F hmg-Hind III-R	CGGAATTTCGAAATCCCTGAGCGAGTCGG CCCAAGCTTAGTAACAACGCAATTGA	229	This paper