

Table S7: Primers used in quantitative real-time PCR analyses.

Primer name	Forward primer	Reverse primer	Amplicon Size (nt)
	For Long-Amplicon qPCR (5' – 3')		
<i>LYS2 100bp</i>	GAGTAACCGGTGACGATGATA TT	CATTAATGACCACGTTGGTTGA	97
<i>LYS2 3kb</i>	CTTTCAGTGTTACCACATGA	CAAATTTTTCGTTCCAAGTACC	3031
<i>LYS2 4kb</i>	CTTTCAGTGTTACCACATGA	GTTCTATACTTGGCAGTGGAAG	4045
<i>CAN1 100bp</i>	GAGTTCTGGGTCGCTTCCAT	GGCACCTGGGTTTCTCCAAT	120
<i>CAN1 3kb</i>	CAGTCCTATTCGGAGATACAG	CTAACTCAGACATTATCGGAAC	3067
<i>TDH3 100bp</i>	CATGGGGTTCTTCCAACGTTG	GGAAGATGGAGCAGTGATAAC	122
<i>TDH3 3kb</i>	GTTCTCACAC GGAACACCAC-	GTGGCAGCAAGTGATAAGCAAGC	3127
	For qRT-PCR (5' – 3')		
<i>DUT1</i>	GGTTCTGCCACTGCCGCGGG	GGCGCAATACGACCGTAGGT	
<i>ALG9</i>	CACGGATAGTGGCTTTGGTGA ACAATTAC	TATGATTATCTGGCAGCAGGAAAGA ACTTGGG	
<i>HTA2</i>	CCCAGTTGGTAGAGTGACACAG	CTCTAGCAGCATTACCAGCC	