

Supplementary Table S1. Primer and probe sequences for TaqMan hydrolysis assays

<i>Gene</i>	<i>Primer orientation</i>	<i>Primer sequence</i>	<i>Probe sequence and structure</i>
CO <i>CYBB</i>	F	5'-CCTGAGCATCTTCGTGATCC-3'	5'-FAM-TGTGGCTG-3'
	R	5'-CGGTAGTACCACGAAACAGG-3'	
<i>PURO</i>	F	5'-TCACCGAGCTGCAAGAACTCT-3'	5'-FAM-CCTCACGGCGTGC-3'
	R	5'-CCCACACCTTGCCGCTGT-3'	
<i>RPP30</i>	F	5'-GATTGGACCTGCGAGCG-3'	5'-VIC-CTGACCTGAAGGCTCT-3'
	R	5'-GCGGCTGTCTCCACAAGT-3'	

CO *CYBB*, codon-optimized *CYBB* gene; F, forward; *PURO*, puromycin resistance gene; R, reverse; *RPP30*, ribonuclease P protein subunit p30 gene.