

Table S1 Sequences of primers used in qPCR

Gene	ID	Forward primer (5'→3')	Reverse primer (5'→3')
<i>INV</i>	<i>BjuA037015</i>	AAGGTCTCCTCGCCGTCTCATT	CGTCGCTGTTTCATCGCTTTTCG
<i>HK</i>	<i>BjuA019270</i>	CCTTCGCATGTCGCAAGTCTCC	GCTCGTGATTCTCCGCTACCA
<i>Gmd</i>	<i>BjuB048743</i>	AGTCGCATACGGTGGAGGAGTT	CCTTCGCCTTGCTCGCATCT
<i>TSTA3</i>	<i>BjuB039905</i>	GCCGATCCCTGAATCTGCTCTG	CGCCTCGTGGAACCTCCTCATA
<i>MDH1</i>	<i>BjuB021247</i>	CTGACCAGCCTGTGATCCTCCA	TCCTCGGGAAACCACCAACCAT
<i>MDH1</i>	<i>BjuB001329</i>	CAGACCAGCCTGTGATCCTCCA	ACCACCAACCATAACCGCAACA
<i>MDH2</i>	<i>BjuA019013</i>	AGCCCTCACCAAGCGTACTCAA	ACCTCCTCCACACCGTTCTTCC
<i>MDH2</i>	<i>BjuB045011</i>	TGTGCTCACCGCTCTCACCAA	ACCTCCTCCACACCGTTCTTCC
<i>CS</i>	<i>BjuA033443</i>	GGAGGAGGTGCGAGTGTCTCT	AGGTAGCAGCAACATCCGTGAA
<i>IDH1</i>	<i>BjuA045395</i>	GTACCGTGCCACTGATGCTGTT	GCCATAGCAACACCGCCTTCA
<i>IDH2</i>	<i>BjuA003018</i>	CAGGAAGAAGGTGACGGCAGTG	CAGCGATACCAGCAGCAGTGTT
<i>UBC</i>	<i>BjuA030523</i>	GCCATCACTCAGAGCGTCATCT/	AAGGAGACTGTGTAGGACCAAGAA

INV: Invertase; *HK*: Hexokinase; *Gmd*: GDP mannose 4,6-dehydratase; *TSTA3*: GDP-L-fucose synthase; *MDH*: Malate dehydrogenase; *CS*: Citrate synthase; *IDH*: Isocitrate dehydrogenase; *UBC*: Ubiquitin C gene