

Supplementary Data

Expression levels of some starch metabolism related genes in flag leaf of two contrasting rice genotypes exposed to salt stress

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Table 1. Primers used for analysis of genes expression profile (Supplementary).

Enzyme	Accession Number	Gene name	Primer sequence	Product size (bp)	Annealing temp (°C)
ADP-glucose pyrophosphorylase small subunit 2b	D50317	<i>OsAGPS2b</i>	(F)CTCTGGGTGCCAACTACAGG (R)CTTTTGCCCTCACGTCGTC	528	64
ADP-glucose pyrophosphorylase large subunit I	AK103906	<i>OsAGPL1</i>	(F)ATGCTGGCCCAGACACTCT (R)GCTCGACTCTCTCCAACAGG	550	67
Starch synthase I	D16202	<i>OsSSI</i>	(F)GCCATTCCAGATCTCATGC (R)TGAAGGCCCATTCGAAGA	500	60
Starch branching enzyme I	EF122471	<i>OsSBEI</i>	(F)CGCCTGCTGCACAAGAAG (R)CCTGATCTGCTGCTGACTGC	526	64
Starch branching enzyme IIb	D16201	<i>OsSBEIIb</i>	(F) AACCACGAGTTATCCCACCA (R) TTCACCTGGAGCCTGCAC	452	64
Starch debranching enzyme Isomerase II	AC132483	<i>OsISA2a</i>	(F)CACCAGGACCTCTCACAAGG (R)GAGAAGCTGGTGGTGTACCG	553	61
Starch phosphorylase H	EF576564	<i>OsPhoH</i>	(F)GCTGGGCTGAGGAAGGATAG (R)CTCGTTGCTGGGTTCTCC	483	64
Disproportionating enzyme II	NM001067082	<i>OsDPE2</i>	(F)TGGACAAAATTGGGGTTTTTC (R)ACGCCGAATACTGTCTTCTTTC	457	56
Glucan-water dikinase	AK103463	<i>OsGWD</i>	(F)AGTGGCACCAGAACTGCAC (R)AGGAGAGCCAAGGAGCAAAG	479	67
Phospho glucan-water dikinase	FN179404	<i>OsPWD</i>	(F)GTCCCTTCTGGTGTGTGAT (R)GACCTCAGCCTGGACAACC	525	67
18s rRNA	AK105009	<i>18s</i>	(F)GTGCAACAAACCCCGACT (R)GCTGCTGGCACCAGACTT	406	62