

Table 5 Genes of sugar synthesis

Enzyme	Gene ID	GR2-1 FPKM mean value	GR2-2 FPKM mean value	05136-1 FPKM mean value	05136-2 FPKM mean value
Sucrose synthase	c181561	72.8	61.5	94.5	78.6
	c179828	143.6	97.9	160.9	92.3
	c189045	86.4	81.5	76.9	77.5
Sucrose phosphate Synthase	c166170	56.2	53.4	45.9	49.8
	c185455	87.3	150.3	59.5	155.2
Phosphofructokinase	c168364	36.6	33.1	44.2	33.1
	c181750	64.6	76.5	57.9	74.3
	c179565	70.6	67.0	90.8	79.3
Fructokinase	c184634	92.5	110.1	108.4	144.8
	c187537	55.8	46.3	41.5	43.8
	c173434	54.5	61.1	42.8	30.0
Invertase	c182175	41.8	44.4	40.9	52.6
	c171030	22.9	48.1	36.2	154.5
	c186842	40.6	49.3	28.1	88.2
	c181545	20.3	78.7	10.5	86.6