

Supplementary Table S6. Mol % of soluble sugars in HL and DL of *R. serbica*. Values are presented as means \pm SE (n = 5-6). Asterisks denote significant differences between treatments and respective controls according to the *t*-test (* P < 0.05, ** P < 0.01, *** P < 0.001).

	HL	DL		HL	DL
<i>Hexose</i>			<i>Oligosaccharides</i>		
Glucose	33.7 \pm 2.8	27.8 \pm 3.0	Isomaltotriose	0.14 \pm 0.05	4.19 \pm 0.04
Fructose	25.6 \pm 2.1	24.5 \pm 2.9	Maltotriose	0.25 \pm 0.05	2.55 \pm 0.02
Galactose	7.2 \pm 0.8	9.9 \pm 1.1	Raffinose	0.23 \pm 0.09	5.10 \pm 0.02
<i>Pentose</i>			Melezitose	0.10 \pm 0.03	4.58 \pm 0.01
Arabinose	2.5 \pm 0.8	5.9 \pm 0.7	Panose	0.01 \pm 0.01	5.64 \pm 0.01
Ribose	0.9 \pm 0.2	3.1 \pm 0.3	Stachyose	0.02 \pm 0.01	3.47 \pm 0.01 ***
Rhamnose	0.09 \pm 0.02	3.63 \pm 0.4 **	<i>Sugar alcohols</i>		
Xylose	0.5 \pm 0.2	4.0 \pm 0.1	Erythritol	3.3 \pm 1.1	6.3 \pm 0.5
<i>Disaccharides</i>			Sorbitol	1.5 \pm 0.5	5.4 \pm 1.0
Sucrose	14.0 \pm 4.8	16.5 \pm 3.4	Galactitol	3.7 \pm 1.2	7.5 \pm 2.7
Trehalose	1.1 \pm 0.1	2.2 \pm 0.4	Arabinitol	0.57 \pm 0.19	4.92 \pm 0.27
Melibiose	0.11 \pm 0.03	4.12 \pm 0.03	mannitol	0.33 \pm 0.10	3.9 \pm 0.1
Maltose	0.53 \pm 0.15	4.12 \pm 0.26 *			
Isomaltose	1.4 \pm 0.3	4.1 \pm 0.3			
Turanose	3.3 \pm 0.1	6.9 \pm 1.2			