

**S2 Table.** List of putative genes evaluated by Nanostring analysis.

V583 ID#	MMH594 ID#	DESCRIPTION
EF0590	EOI84245.1	Polysaccharide deacetylase family
EF0887	EOI83927.1	Group 2 glycosyltransferase
EF2167	EOI81775.1	Group 2 glycosyltransferase
EF2176	EOI81783.1	Group 2 glycosyltransferase
EF2491	EOI79425.1	<i>cpsE</i> , group 2 glycosyltransferase
EF2492	EOI79426.1	<i>cpsD</i> , group 2 glycosyltransferase
EF2890	EOI79754.1	glycosyltransferase family
EF2891	EOI79755.1	glycosyltransferase family
EF2908	EOI79016.1	Group 2 glycosyltransferase
EF2198	EOI81802.1	<i>epaA</i> , group 4 glycosyltransferase; Epa rhamnopolysaccharide synthesis
EF2195	EOI81799.1	<i>epaD</i> in operon with <i>epaB</i> and <i>epaC</i> . Group 2 glycosyltransferases; Epa rhamnopolysaccharides synthesis
EF2190	EOI81802.1	<i>epaI</i> , group 2 glycosyltransferase
EF2180	EOI81787.1	<i>epaO</i> , in operon with 2181 ( <i>epaN</i> ), two group 2 glycosyltransferases. Epa rhamnopolysaccharides synthesis
EF2170	EOI81778.1	<i>epaX</i> , group 2 glycosyltransferase
EF3269	EOI78937.1	<i>folB</i> , folate biosynthesis; dihydroneopterin aldolase
EF0005	EOI85150.1	<i>gyrB</i> , DNA gyrase
EF1522	EOI81171.1	<i>sigA</i> , RNA polymerase sigma factorD
EF1192	EOI80855.1	<i>aqpZ</i> , aquaporin
EF3066	EOI78758.1	<i>def</i> , peptide deformylase