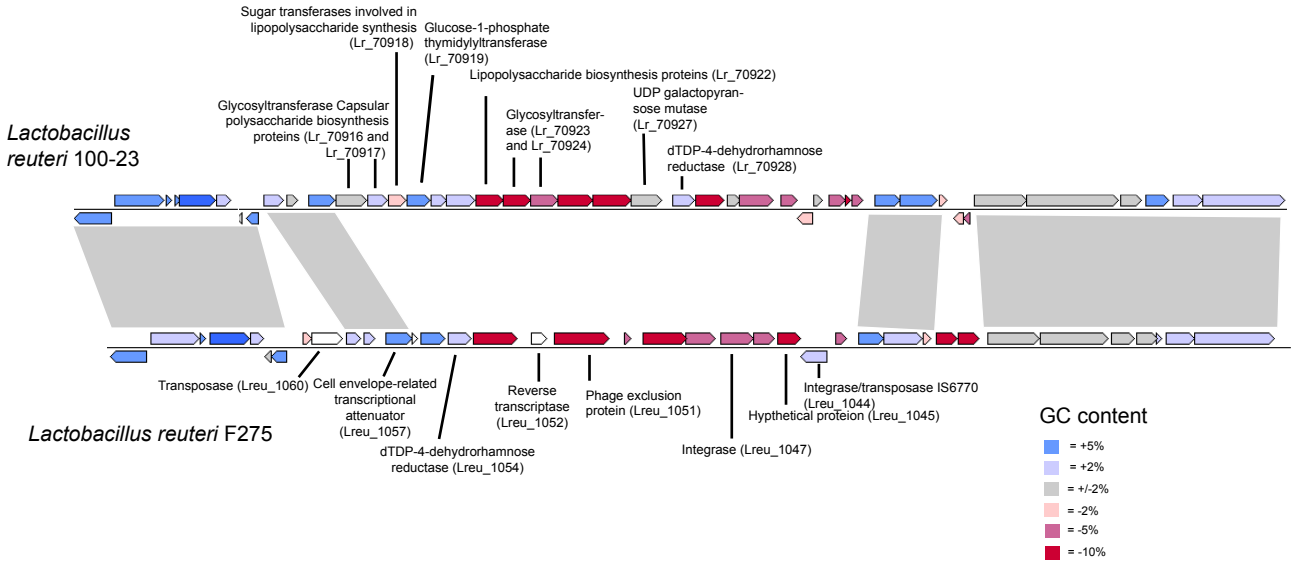
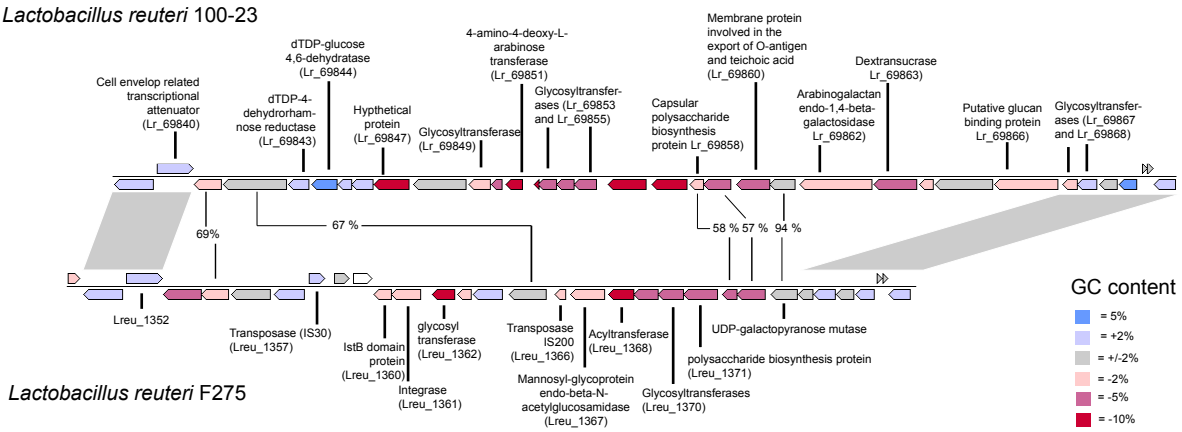
SPS 1


Lactobacillus reuteri 100-23
Sugar transferases involved in lipopolysaccharide synthesis (Lr_70918)
Glucose-1-phosphate thymidylyltransferase (Lr_70919)
Lipopolysaccharide biosynthesis proteins (Lr_70922)
UDP galactopyran-sose mutase (Lr_70927)
Glycosyltransfer-ase (Lr_70923 and Lr_70924)
Glycosyltransferase Capsular polysaccharide biosynthesis proteins (Lr_70916 and Lr_70917)
dTDP-4-dehydrorhamnose reductase (Lr_70928)
Transposase (Lreu_1060)
Cell envelope-related transcriptional attenuator (Lreu_1057)
dTDP-4-dehydrorhamnose reductase (Lreu_1054)
Reverse transcriptase (Lreu_1052)
Phage exclusion protein (Lreu_1051)
Integrase (Lreu_1047)
Hypthetical proteion (Lreu_1045)
Integrase/transposase IS6770 (Lreu_1044)
Lactobacillus reuteri F275
GC content
= +5%
= +2%
= +/-2%
= -2%
= -5%
= -10%

SPS 2


Lactobacillus reuteri 100-23
Cell envelop related transcriptional attenuator (Lr_69840)
dTDP-4-dehydrorham-nose reductase (Lr_69843)
dTDP-glucose 4,6-dehydratase (Lr_69844)
Hypthetical protein (Lr_69847)
Glycosyltransferase (Lr_69849)
4-amino-4-deoxy-L-arabinose transferase (Lr_69851)
Glycosyltransfer-ases (Lr_69853 and Lr_69855)
Capsular polysaccharide biosynthesis protein Lr_69858)
Membrane protein involved in the export of O-antigen and teichoic acid (Lr_69860)
Arabinogalactan endo-1,4-beta-galactosidase Lr_69862)
Dextransucrase Lr_69863)
Putative glucan binding protein Lr_69866)
Glycosyltransfer-ases (Lr_69867 and Lr_69868)
69%
67 %
58 %
57 %
94 %
Lreu_1352
Transposase (IS30) (Lreu_1357)
IstB domain protein (Lreu_1360)
Integrase (Lreu_1361)
glycosyl transferase (Lreu_1362)
Transposase IS200 (Lreu_1366)
Mannosyl-glycoprotein endo-beta-N-acetylglucosamidase (Lreu_1367)
Acyltransferase (Lreu_1368)
Glycosyltransferases (Lreu_1370)
polysaccharide biosynthesis protein (Lreu_1371)
UDP-galactopyranose mutase
Lactobacillus reuteri F275
GC content
= 5%
= +2%
= +/-2%
= -2%
= -5%
= -10%