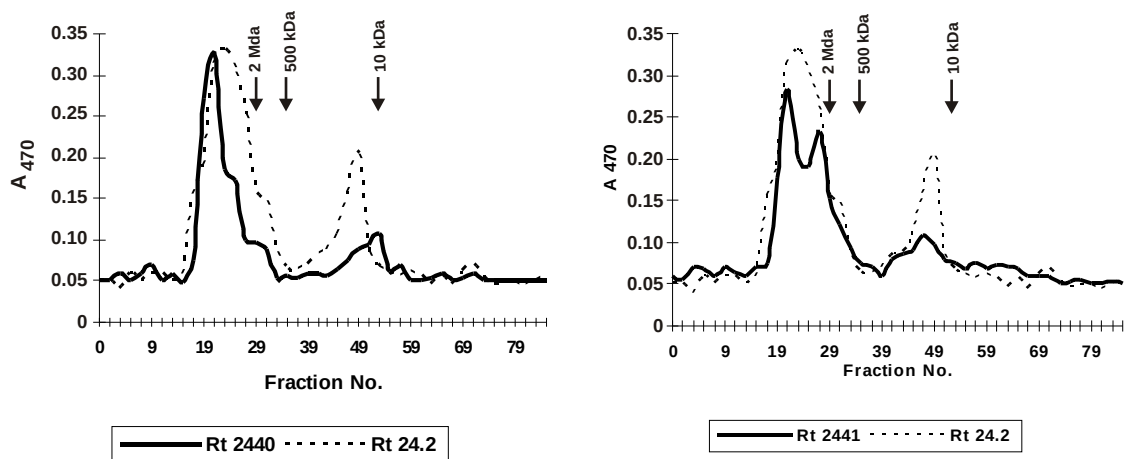
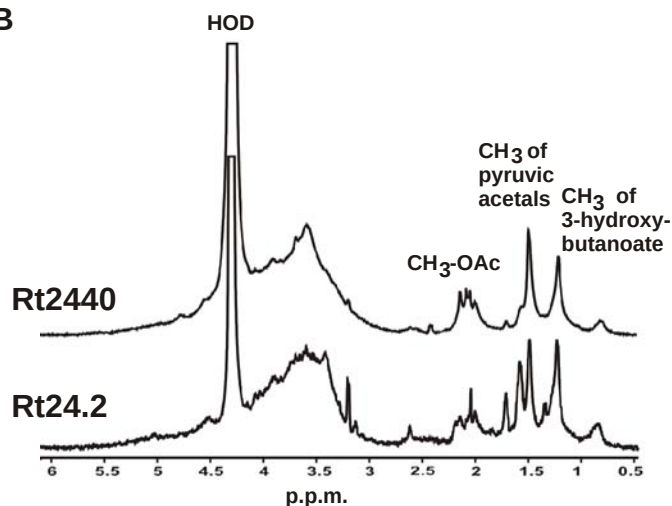


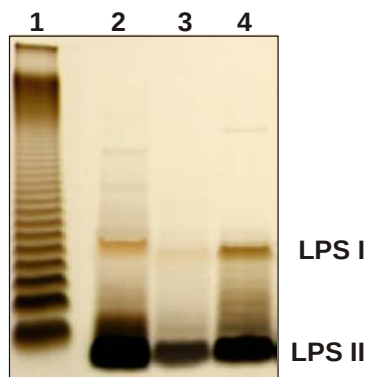
A



B



D



C

EPS of <i>R. leguminosarum</i> bv. <i>trifolii</i>	Rt24.2	Rt2440
Relative molar ratio of glycosyl components normalized to galactose		
D-Glucose (D-Glc)	4.8	4.7
D-Glucuronic acid (D-GlcA)*	1.8	2.0
D-Galactose (D-Gal)	1.0	1.0
The ratio of non-carbohydrate substituents per repeating unit		
O-Acetyl	2.10	1.37
Pyruvyl acetals	1.52	1.92
3-hydroxybutyryl	0.83	0.63

* Determined as the carboxyl-reduced alditol acetate containing two deuterium atoms at C-6

E

Sugar	Relative mol% of total sugar composition	
	Rt24.2	Rt2440
6-deoxy-L-talose (L-dTal)	13.8	17.8
L-Rhamnose (L-Rha)	25.7	16.5
2,3-di-O-methyl-D-galactose (2,3-Me ₂ -Gal)	3.2	3.8
2-N-acetamido-2,6- dideoxyglucose (QuiNAc)	2.7	2.3
D-Mannose (D-Man)	7.2	6.5
D-Glucose (D-Glc)	2.5	4.0
D-Galactose (D-Gal)	7.7	7.1
D-Galacturonic acid (D-GalA)*	15.7	18.9
3-deoxy-lyxo-2-heptulosaric acid (DHA)	9.9	9.3
3-deoxy-D-manno-2- octulosonic acid (KDO)	11.6	13.8