Main polysaccharide PS1

R L Z Q W X

-3-α-Rha4NAc-3-α-Rha4NAc-3-β-Man-3-α-Rha4NAc-3-α-Rha4NAc-3-β-Man-

|4

α-Glc3Me

A

Deacylated main polysaccharide

R L Z Q W X

-3-α-Rha4N-3-α-Rha4N-3-β-Man-3-α-Rha4N-3-α-Rha4N-3-β-Man-

|4

α-Glc3Me

A

Minor components, possibly representing end of PS1 chains.

D E P J U Z"

α-Rha4NAc-3-α-Man-3-α-Man-3-α-Rha2Me-3-β-Rha-3-β-Man-PS fragment 1

B Z'

α-Rha4NAc2,3Me-3-β-Man-PS fragment 2

Polysaccharide PS2

N V T G

-3-α-Rha-3-β-Rha-4-β-Rha-4-α-Rha-

|2

α-Rha

F

Oligosaccharide OS1

N V T G

α-Rha-3-β-Rha-4-β-Rha-2-(4-deoxy)-Ery-ol*1d*

Acid-released LPS core

H

α-Hep

G F E |7

α-DDHep-3-α-Man-2-α-Hep-5-α-Kdo C

|4

α-Gal-4-α-GlcA

L K