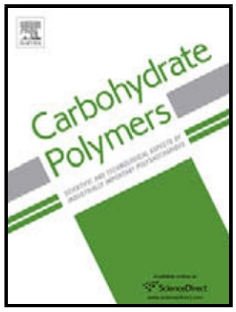

Title: The marine bacteria *Cobetia marina* DSMZ 4741 synthesizes an unexpected K-antigen-like exopolysaccharide

Author: Florian Lelchat Stéphane Cérantola Christophe Brandily Sylvia Colliec-Jouault Anne-Claire Baudoux Takao Ojima Claire Boisset

PII: S0144-8617(15)00152-6
DOI: http://dx.doi.org/doi:10.1016/j.carbpol.2015.02.038
Reference: CARP 9709

To appear in:

Received date: 18-12-2014
Revised date: 4-2-2015
Accepted date: 19-2-2015

Please cite this article as: Lelchat, F., Cérantola, S., Brandily, C., Colliec-Jouault, S., Baudoux, A.-C., Ojima, T., and Boisset, C.,The marine bacteria *Cobetia marina* DSMZ 4741 synthesizes an unexpected K-antigen-like exopolysaccharide, *Carbohydrate Polymers* (2015), http://dx.doi.org/10.1016/j.carbpol.2015.02.038

Highlights

- **The marine bacteria *Cobetia marina* DSMZ 17117 synthesize an exopolysaccharide (named L6) ;**
- **The repetitive unit of the L6 exopolysaccharide is a disaccharide constituted of ribose and pyruvated KDO ;**
- **This type of structure is generally encountered in antigen-K of uropathogenic E. coli strains**