



Fig. S1. Neighbour-joining tree based on almost complete 16S rRNA gene sequences demonstrating the affiliation of strain MWH-PoolGreenA3^T to the phylogenetically defined subcluster PnecB (Hahn, 2003). The tree includes reference sequences of uncultured bacteria and taxonomically described taxa. The environmental sequences clustering in subcluster B2 originate from freshwater and brackish waters located in Europe, Asia and North and Central America. Bootstrap values $\geq 60\%$ are depicted. Bar, 0.01 substitutions per nucleotide position.

Hahn, M. W. (2003). Isolation of strains belonging to the cosmopolitan *Polynucleobacter necessarius* cluster from freshwater habitats located in three climatic zones. *Appl Environ Microbiol* **69**, 5248–5254.