## **Supporting Information**

for:

Biochemical characterization of a novel ulvan lyase from Pseudoalteromonas sp.

strain PLSV

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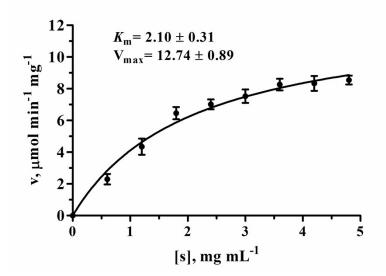


Fig. S1 Michaelis - Menten plots of PsPL

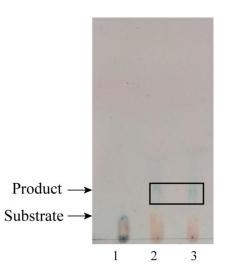
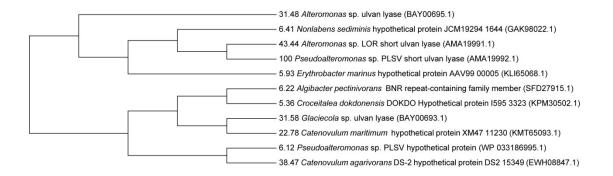


Fig. S2 Product analysis by TLC. Lane 1: substrate; Lane 2, 3: the reaction products.



**Fig. S3** Phylogenetic tree analysis of PsPL. The enzymes with different amino acid sequences in the CAZy Database PL24 and PL25 families were searched and their sequences were compared to PsPL.