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

$K_m = 2.10 \pm 0.31$

$V_{max} = 12.74 \pm 0.89$
**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.