

Supplementary material

Effects of module truncation of a new alginate lyase VxAly7C from marine *Vibrio xiamenensis* QY104 on biochemical characteristics and product distribution

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Table S1. PCR primers for the recombinant VxAly7C and its truncated mutants

Primer name	Primer sequence (5'-3')	Recombinant enzyme
PVxAly7C-FL-F	GGAATTCC ATAT GCAGAGTGG TTGTGTGCAAAGT	VxAly7C-FL
PVxAly7C-FL-R	ACGCG TCGAC TTTATATTGATT ATGTGATGTTGTAA	VxAly7C-FL, VxAly7C-TM1, VxAly7C-TM2
PVxAly7C-TM1-F	GGAATTCC ATAT GGACGCGTG CTCTAATCAAGAA	VxAly7C-TM1
PVxAly7C-TM2-F	GGAATTCC ATAT GGATAACCA TATTATTACTGATAAG	VxAly7C-TM2

The bases in bold are recognition sites for restriction endonuclease enzymes.