Supplementary Figures

Bioprospecting Antarctic Microorganisms: Investigating *Hymenobacter*psoromatis PAMC26554 for Biochemical Potential

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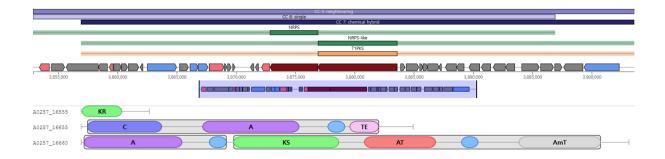


Fig. S1. The NRPS-T1PKS-NRPS-like biosynthetic gene cluster in *Hymenobacter psoromatis* PAMC26554 is illustrated. The graphical output generated by antiSMASH for region 3 is displayed, including the following components: KR (ketoreductase), C (condensation domain), A (adenylation domain), TE (thioesterase), AT (acyltransferase), and AmT (Aminotran_3). The carrier protein domains—which comprise the acyl carrier protein domain for PKS and the peptidyl carrier protein domain for NRPS—are represented by light blue ovals.

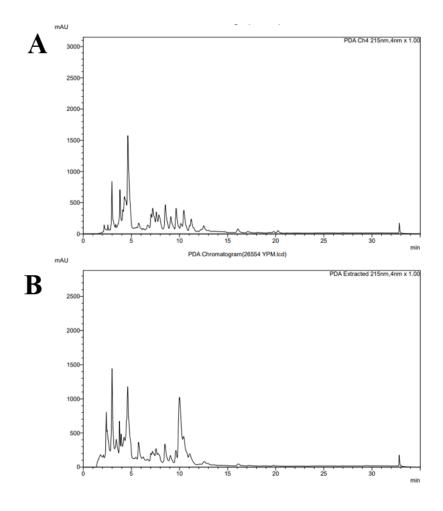


Fig. S2. Comparison of chromatograms of EA extracts of YPM medium only (A) and EA extracts of PAMC26554 (B).

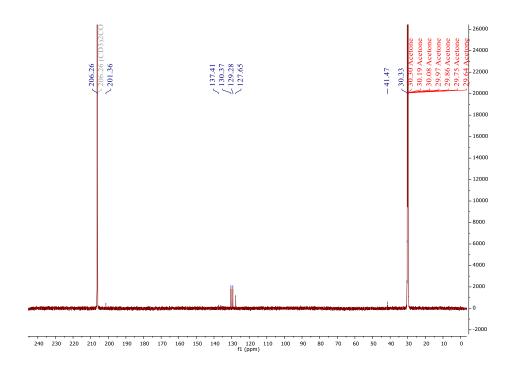


Fig. S3. ¹³C NMR spectra of PAA.

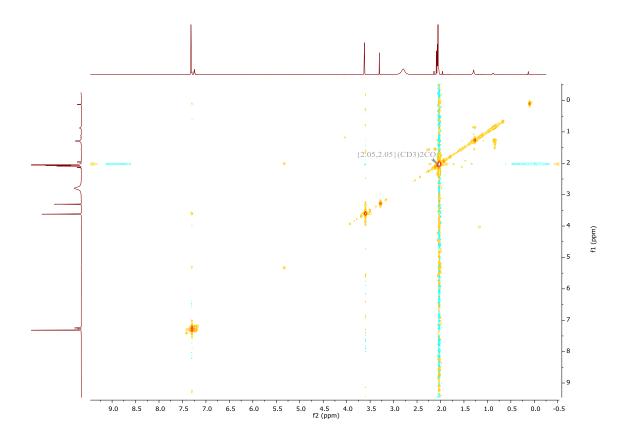


Fig. S4. COSY spectra of PAA.