**Draft Genome Sequence of Oil-Degrading Bacterium *Gallaecimonas pentaromativorans* Strain YA_1 from the Southwest Indian Ocean**

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*Gallaecimonas pentaromativorans* has been previously reported to be capable of degrading crude oil and diesel oil. *G. pentaromativorans* strain YA_1 was isolated from the southwest Indian Ocean and can degrade crude oil. This study reports the draft genome sequence of *G. pentaromativorans*, which can provide insights into the mechanisms of microbial oil biodegradation.

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As reported previously, the genus *Gallaecimonas* is composed of only two species, *Gallaecimonas pentaromativorans* and *Gallaecimonas xiamenensis* (1). *G. pentaromativorans* was previously isolated from the Corcubión Ria in northwestern Spain, which was a coastal system that was heavily polluted by the Prestige oil spill in 2002 (2). It has been reported that *G. pentaromativorans* can grow vigorously with crude oil and slightly with diesel oil (3). Also, it was revealed that *G. pentaromativorans* can produce biosurfactants through experiments using the hemolytic test, drop collapse, and oil-spreading test, which can promote the oil degradation process by dispersing oil molecules (4). These research results demonstrated that *G. pentaromativorans* has the potential to treat oil pollution. The shotgun sequencing of the *Gallaecimonas pentaromativorans* genome sequence will facilitate the application of *Gallaecimonas* strains in the treatment of oil pollution.

*Gallaecimonas pentaromativorans* strain YA_1 was isolated from the deep sea of the southwest Indian Ocean at the depth of 2,168 m (49°44′E, 37°37′S). Strain YA_1 has been deposited in Marine Culture Collection of China (accession no. MCCC A11635). The genomic DNA of strain YA_1 was extracted using the bacterial genomic DNA extraction kit (BioTeke, Beijing, China), according to the instructions. The whole-genome shotgun project was performed on an Illumina MiSeq 2000 platform using paired-end 

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