Aeromonas hydrophila has emerged worldwide as a human pathogen. Here, we report the draft whole-genome sequence of a freshwater isolate from Malaysia, A. hydrophila strain M062, and its N-acylhomoserine lactone genes are also reported here.

Q uorum sensing (QS) is a term coined by Fuqua and coworkers to define the phenomenon of a bacterial cell-to-cell communication system that controls bacterial physiological processes in a population density-dependent manner (1). This process describes the event whereby an increase in the population density of the bacterial cell is proportional to an increase in the concentration of signal molecule(s) in the extracellular environment (2, 3). Aeromonas hydrophila is QS bacterium and is a known pathogen, as it can cause minor skin infections and gastroenteritis in humans (4, 5). In this study, we report the whole-genome sequence and the QS genes of A. hydrophila strain M062.

A. hydrophila M062 was isolated from the Sungai Tua waterfall, Selangor, Malaysia. The genomic DNA of A. hydrophila M062 was extracted using the MasterPure DNA purification kit (Epicentre, Madison, WI, USA). A Qubit 2.0 fluorometer (Invitrogen, Inc., Madison, WI, USA) and NanoDrop spectrophotometer (Thermo Scientific, Waltham, MA, USA) were used to quantify and qualify the DNA preceding the shotgun project. The DNA was quantified using the Qubit 2.0 fluorometer (Invitrogen, Inc., Madison, WI, USA) and NanoDrop spectrophotometer (Thermo Scientific, Waltham, MA, USA). A Qubit 2.0 fluorometer (Invitrogen, Inc., Madison, WI, USA) and NanoDrop spectrophotometer (Thermo Scientific, Waltham, MA, USA) were used to quantify and qualify the DNA preceding the shotgun project. The DNA was quantified using the Qubit 2.0 fluorometer (Invitrogen, Inc., Madison, WI, USA) and NanoDrop spectrophotometer (Thermo Scientific, Waltham, MA, USA).

Nucleotide sequence accession numbers. This whole-genome shotgun project has been deposited at DDBJ/EMBL/GenBank under the accession no. JSXE00000000. The version described in this paper is the first version, JSXE01000000.

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