Draft Genome Sequence of *Nocardiia seriolae* Strain N-2927 (NBRC 110360), Isolated as the Causal Agent of Nocardiosis of Yellowtail (*Seriola quinqueradiata*) in Kochi Prefecture, Japan

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We report the draft genome sequence of *Nocardiia seriolae* strain N-2927 (NBRC 110360), isolated from cultured yellowtail *Seriola quinqueradiata*. RAST annotation of the genome revealed 117 genes involved in the virulence, disease, and defense subsystem. Eleven of these genes were predicted as antibiotic resistance genes.

*Nocardiia* spp. are aerobic, nonmotile, Gram-positive, bacillar, branching bacteria that belong to the *Actinomycetes*, and more than 50 species have been identified to date (1). Some of these species cause nocardiosis in aquatic organisms (2). The occurrence of nocardiosis in marine fish was first reported in 1967 in yellowtail *Seriola quinqueradiata* and amberjack *Seriola dumerili* cultured in Owase, which is located in the southeastern part of Kii Peninsula in Japan (3). The causative agent was named *Nocardiia seriolae* (4). Nocardiosis caused by *N. seriolae* is a major disease in cultured yellowtail, which accounts for nearly 60% of total marine aquaculture production in Japan (5). Here, we report the draft genome sequence of *N. seriolae* strain N-2927, isolated from the spleen of diseased yellowtail collected from an aquaculture farm in Kochi Prefecture, Japan, in 2007. This isolate has been deposited in the NITE Biological Resource Center (NBRC, Japan) under code NBRC 110360.

The genomic DNA of N-2927 was extracted and purified with a Qiagen Genomic-tip 500/G kit and a genomic DNA buffer set (Qiagen) according to the method described previously (6). Genome sequencing was performed on a 454-GS Junior System (Roche). A total of 167,713 reads were generated. The obtained reads were combined with the Illumina reads from the NCBI Sequence Read Archive (accession no. DRX020602), and assembled with GS de novo assembler version 2.9 software (Roche). The assembly consists of 339 large contigs (>500 bp) with an N₅₀ value of 45,841 bp and a largest contig size of 127,534 bp. The draft genome sequence of N-2927 has been deposited at DDBJ/EMBL/GenBank under accession number BAWD0000000. The version described in this paper is the second version, BAWD02000000.

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**REFERENCES**
