Here we report the draft genome sequence of the psychrotolerant *Polaromonas glacialis* strain R3-9, isolated from Midtre Lovénbreen glacial foreland near Ny-Alesund, Svalbard Archipelago, Norway.

The genome of the strain was sequenced on the Illumina HiSeq2000 platform using a 90-bp paired-end library with an insert size of 500 bp. Following the manufacturer’s protocol, 142.69-fold coverage data and a total of 754 Mb of filtered paired-end reads were obtained. All reads were assembled into 59 contigs and 27 scaffolds using SOAPdenovo version 1.05 (7). Protein-coding sequences were predicted and analyzed using Glimmer 3.0 (8), and functional annotation of genes was performed by BLASTp searching of the KEGG (9), Clusters of Orthologous Groups (COG) (10), Swiss-Prot (11), TrEMBL (12), and NR (13) databases. rRNA and tRNA genes were detected by using RNAmmer (14) and tRNAscan-SE (15), respectively. Transposons were predicted by RepeatMasker and RepeatProteinMasker (16), and tandem repeat sequences were analyzed by Tandem Repeats Finder (17).

The information contained in the draft genome comprised 5,284,042 bp of sequence data, with a mean GC content of 62.27%, and the data cover a total of 5,375 predicted coding sequences (CDSs), 37 pseudogenes, 60 tRNA genes, 3 rRNA genes, 112 minisatellite DNAs, 47 microsatellite DNAs, and 4,567 proteins. The number of tandem repeat sequences was 198, and the total length of the tandem repeat sequences was 19,289 bp, which makes up 0.36% of the genome. Among the 4,567 genes identified, 4,113 were classified into 34 certain functional KEGG sets.

Knowing the genome sequence of *P. glacialis* strain R3-9 allows us to begin developing an integrated understanding of the physiology, genetics, ecology, and evolution of this psychrophilic bacterium.

**Nucleotide sequence accession number.** The genome sequence has been deposited at DDBJ/EMBL/GenBank under accession number JMDZ00000000. The version described in this paper is the first version.

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**REFERENCES**


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**Draft Genome Sequence of Polaromonas glacialis Strain R3-9, a Psychrotolerant Bacterium Isolated from Arctic Glacial Foreland**

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