

Supplementary Material

Plasmids of Psychrotolerant *Polaromonas* spp. Isolated from Arctic and Antarctic Glaciers – Diversity and Role in Adaptation to Polar Environments

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TABLE S1. Summary of genomes of *Polaromonas* spp.

Strain	Level (number of replicons or scaffolds or contigs)	GenBank accession number	Estimated genome size (Mb)*	Estimated GC content (%)*	Reference
<i>P. glacialis</i> R3-9	scaffold (27)	JMDZ01000001-JMDZ01000059	5.22	62.30	Wang et al., 2014
<i>P. jejuensis</i> NBRC 106434	contig (79)	BCYO01000001-BCYO01000079	5.13	62.90	None
<i>P. naphthalenivorans</i> CJ2	complete genome (9)	CP000529 (chromosome) CP000530 (pPNAP01) CP000531 (pPNAP02) CP000532 (pPNAP03) CP000533 (pPNAP04) CP000534 (pPNAP05) CP000535 (pPNAP06) CP000536 (pPNAP07) CP000537 (pPNAP08)	5.37	61.66	Yagi et al., 2009
<i>Polaromonas</i> sp. 16-63-31	scaffold (57)	NCGW01000001-NCGW01000057	4.91	62.90	None
<i>Polaromonas</i> sp. 17-63-33	contig (53)	NCIK01000001-NCIK01000053	5.12	62.50	None
<i>Polaromonas</i> sp. 24-63-21	scaffold (59)	NCHP01000001-NCHP01000059	5.07	62.70	None
<i>Polaromonas</i> sp. 24-62-144	scaffold (518)	NCHV01000001-NCHV010000518	3.01	62.40	None
<i>Polaromonas</i> sp. 28-63-22	scaffold (548)	NCGI01000001-NCGI010000548	3.12	62.60	None

<i>Polaromonas</i> sp. 35-63-35	contig (52)	NCFQ01000001-NCFQ01000052	4.91	62.90	None
<i>Polaromonas</i> sp. 35-63-240	scaffold (549)	NCFW01000001-NCFW01000549	3.00	62.50	None
<i>Polaromonas</i> sp. 39-63-25	contig (54)	NCJH01000001-NCJH01000054	4.83	63.00	None
<i>Polaromonas</i> sp. 39-63-203	scaffold (568)	NCJN01000001-NCJN01000568	2.99	62.60	None
<i>Polaromonas</i> sp. A23	contig (51)	MUNO01000001-MUNO01000051	4.58	61.10	None
<i>Polaromonas</i> sp. AET17H-212	contig (86)	NBZW01000001-NBZW01000086	4.65	63.80	None
<i>Polaromonas</i> sp. AER18D-145	contig (135)	NBZV01000001-NBZV01000135	4.82	63.50	None
<i>Polaromonas</i> sp. C04	contig (45)	MUNS01000001-MUNS01000045	4.17	64.30	None
<i>Polaromonas</i> sp. CF318	contig (159)	AKIV01000001-AKIV01000159	5.01	64.90	Brown et al., 2012
<i>Polaromonas</i> sp. CG9_12	contig (7)	CCJP01000001-CCJP01000007	4.90	61.40	Smith et al., 2014
<i>Polaromonas</i> sp. EUR3 1.2.1	contig (3)	JIBH01000001-JIBH01000003	4.40	59.90	None
<i>Polaromonas</i> sp. JS666	complete genome (3)	CP000316 (chromosome) CP000317 (plasmid 1) CP000318 (plasmid 2)	5.90	62.00	Mattes et al., 2008
<i>Polaromonas</i> sp. OV174	contig (61)	FOKZ01000001-FOKZ01000061	4.53	61.30	None
<i>Polaromonas</i> sp. UBA4122	scaffold (172)	DFWY01000001-DFWY01000172	4.17	59.30	Parks et al., 2017
<i>Polaromonas</i> sp. UBA5171	scaffold (138)	DHWX01000001-DHWX01000138	4.00	59.10	Parks et al., 2017
<i>Polaromonas</i> sp. YR568	scaffold (22)	FPBM01000001-FPBM01000022	4.83	62.80	None

* For complete genomes the approximate value was provided.

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