

Supplementary Table S8 Gliding motility-related genes in sequenced *Polaribacter* strains.

	<i>P. sp.</i> Hel1_85 PHEL85	<i>P. sp.</i> Hel1_33_49 PHEL49	<i>P. irgensii</i> 23-P ^T PI23P*	<i>P. sp.</i> MED152 MED152*
Gliding motility	+	+	–	NA
Adhesin-like				
<i>remA</i>	-	152	00785	12344
<i>remB</i>	2425	–	–	–
<i>sprB</i>	–	1139	–	–
ATP-binding cassette transporter				
<i>gldA</i>	286	425	02167	11809
<i>gldF</i>	71	1405	12617	13119
<i>gldG</i>	70	1404	12622	13114
Additional protein required for gliding				
<i>gldB</i> [†]	2910	275	02652	11089
<i>gldC</i>	2919	276	02647	11094
<i>gldD</i> [†]	1846	100	04372	09625
<i>gldE</i>	1845	101	04377	09630
<i>gldH</i> [†]	1942	163	04977	10425
<i>gldJ</i> [†]	1079	1191	06665	05565
Peptidopropyl isomerase (<i>Flavobacteriia</i> , protein folding)				
<i>gldI</i>	731	2020	11847	01370
PorS secretion system (secretion of RemA/RemB and SprA/SprB)				
<i>gldK</i> [†]	2873	313	02182	11294
<i>gldL</i> [†]	2872	314	02177	11299
<i>gldM</i> [†]	2871	315	02172	11304
<i>gldN</i> [†]	2870	316	02167	11309
<i>sprA</i> [†]	2442	2464	03352	06695
<i>sprE</i> [†]	2360	1050	03652	08385
<i>sprT</i> [†]	1298	554	04307	12684

* CDS in this genome are numbered in steps of 5 in the original annotation

[†] essential gliding motility genes (McBride & Zhu, 2013)