

Table 1. Motility parameters of the cells

| Strains | FliG variants | Swimming fraction (%) ^a | Swimming speed ($\mu\text{m/s}$) ^b |
|---------|------------------------|------------------------------------|---|
| DFB225 | GFP-FliG | 3 \pm 3 | 12 \pm 3 |
| DFB225 | Wild-type | 85 \pm 6 | 26 \pm 4 |
| RP437 | Wild-type ^c | 96 \pm 3 | 28 \pm 6 |

The cells were grown in media containing no arabinose (RP437), 0.0002% arabinose (DFB225 cells harboring the plasmid encoding *fliG*), or 0.0005% arabinose (DFB225 cells harboring the plasmid encoding *gfp-fliG*).

^a The average value calculated from more than eight visual fields.

^b The average value calculated from more than 40 cells.

^c Wild-type FliG encoded on the chromosome.
