

## *Pedobacter* sp. \_KM349886

**Sample name:** *Pedobacter* sp.

**Accession number for 16S rRNA partial gene sequence:** KM349886

**Classification:** Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales; Sphingobacteriaceae; *Pedobacter*

**Metabolism:** Heterotrophic

**Origin:** Atacama desert, Chile

**Isolation:** Ivan P. Lima (NPP at NASA Ames, CA, USA)

**Sample concentration:**  $5.04 \times 10^7$  cells/ml

**Sample count on filter substrate:**  $1.51 \pm 0.10 \times 10^8$  cells

**Laboratory growth conditions:** 30 °C, 180 rpm, 48 h

**Culture medium:** Lysogeny Broth (LB)

**Sample photograph:**



**Sample micrograph:**

