

## *Arthrobacter* sp. \_KM349919

**Sample name:** *Arthrobacter* sp.

**Accession number for 16S rRNA partial gene sequence:** KM349919

**Classification:** Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales; Micrococccineae; Micrococcaceae; Arthrobacter

**Metabolism:** Heterotrophic

**Origin:** Sonoran desert, AZ, USA

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

**Sample concentration:**  $1.27 \times 10^8$  cells/ml

**Sample count on filter substrate:**  $3.82 \pm 0.26 \times 10^8$  cells

**Laboratory growth conditions:** 30 °C, 180 rpm, 24 h

**Culture medium:** Marine Broth (MB)

**Sample photograph:**



**Sample micrograph:**

