

## *Arthrobacter* sp. \_KM349921

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

**Accession number for 16S rRNA partial gene sequence:** KM349921

**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:**  $1.50 \times 10^7$  cells/ml

**Sample count on filter substrate:**  $4.50 \pm 0.30 \times 10^7$  cells

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

**Culture medium:** Reasoner's 2A (R2A)

**Sample photograph:**



**Sample micrograph:**

