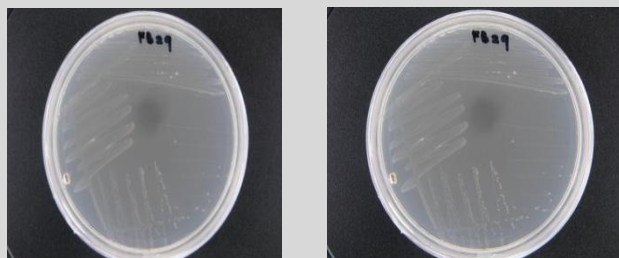


Paenibacillus sp. CCB-KSK233

Colony morphology

Transparent colony; 2 mm size; circular; entire; raised; smooth; glistening; transparent



Gram-stain

Positive, rod

Isolation medium

Nutrient agar (NA) + 50% Artificial sea water (ASW)

Growth condition

Aerobic; pH 7; 28 ± 2 °C; 24-48 hrs

Sampling date, location, source

12 May 2014; Kuala Sala, Kedah (100.3546°E, 5.9737°N); Sediment

Biochemistry/ Physiology

No

16s rRNA gene analysis (EzBioCloud/N CBI)

Top-hit taxon *Paenibacillus lautus*

Top-hit strain NRRL NRS-666(T)

Similarity (%) 99.34%

Top-hit taxonomy Bacteria; Firmicutes; Bacilli; Bacillales; Paenibacillaceae; Paenibacillus

Publication

No

Application

No

Isolated by

Siti Nur Fatin binti Ahmad Kamal

Risk group

2

Additional information