

Belliella alkalica

STRAIN DESIGNATION

UCCCB Identifier

UCCCB 122

Availability

Commercial

Strain Number

R4-6

Type of Organism

Bacterium

Strain Status

Type

Preservation Procedures Used

Maintained at -80°C in Nutrient Broth containing 15% glycerol

Date of isolation

2014-04-23

GROWTH CONDITIONS

Medium

Nutrient Agar (NA); Alkaline Nutrient Agar (ANA); Reasoner's 2A (R2A Agar); NSY-Medium for Polynucleobacter with pH set to 8.5; Marine Agar (MA)

pH

6.5 - 12.0 (optimal pH 7.0 - 10.5)

Optimal Temperature(s)

15 - 35°C

Maximum Temperature

40°C

Minimum Temperature

5°C

HISTORY OF DEPOSIT

Isolation source

A thin-layered purple bacterial bloom, which occurred in a soda pan in the Kiskunság National Park

Deposited By

Tamas Felfoldi. Eötvös Loránd University

GEOGRAPHIC ORIGIN

City

Soltszentimre

State/Province

Bács-Kiskun

County

Bács-Kiskun

Country

Hungary

Latitude

46.76361

Longitude

19.18056

Elevation

94 m

Country Code

HU

SCIENTIFIC DETAILS

Kingdom

Bacteria

Phylum

Bacteroidota

Class

Cytophagia

Order

Cytophagales

Family

Cyclobacteriaceae

Genus

Belliella

Specific Epithet

alkalica

Full Scientific Name

Belliella alkalica R4-6T Korponai et al. 2023

GENBANK ACCESSION NUMBERS

Genbank Accession Number (16S rRNA gene)

KR233207

Genbank Accession Numbers (Genome)

NZ_JAKZGO000000000