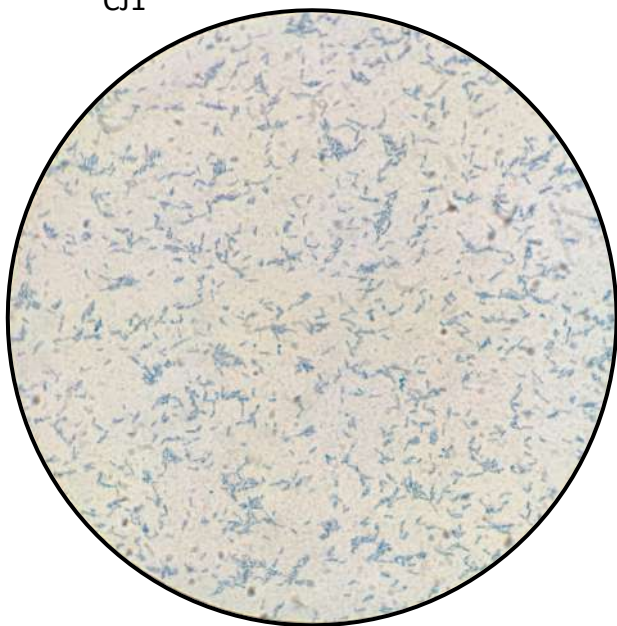
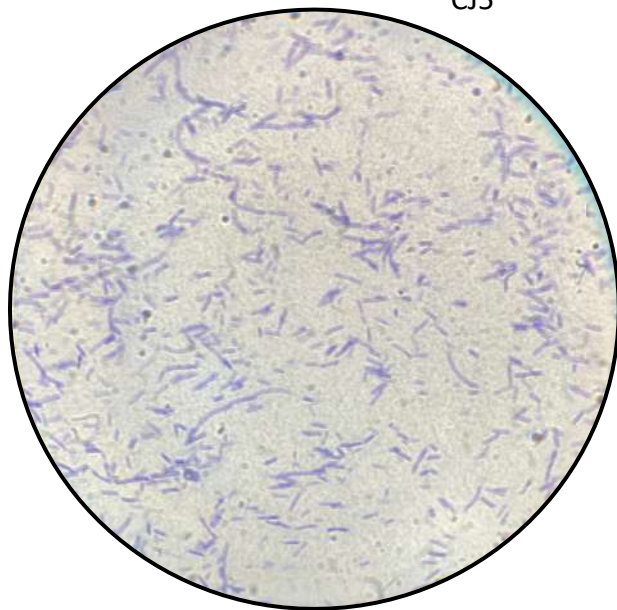


**Supplementary Figures**

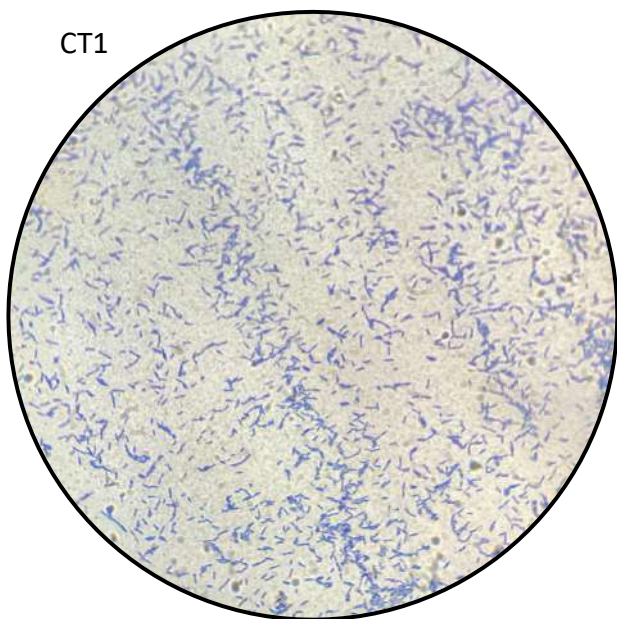
CJ1



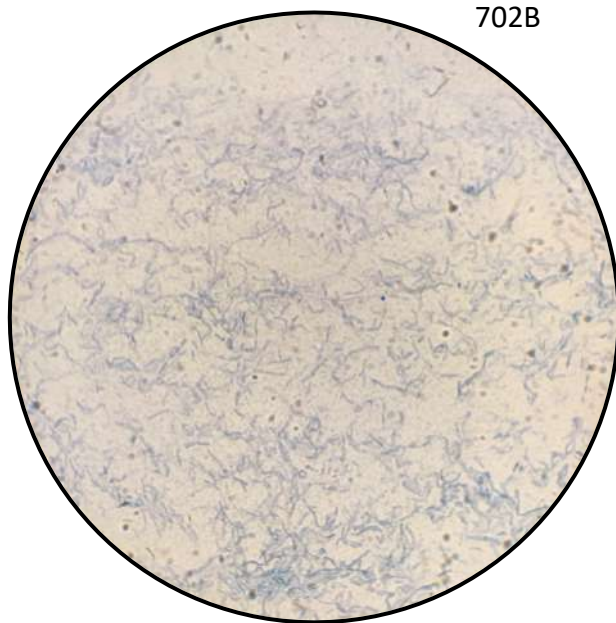
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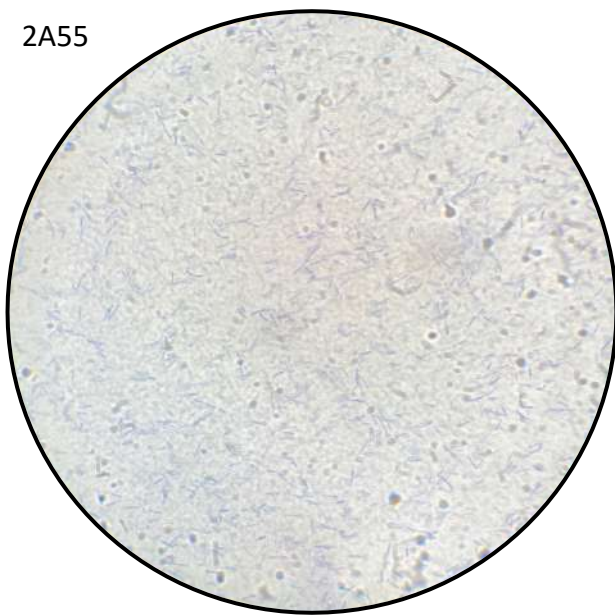
CT1



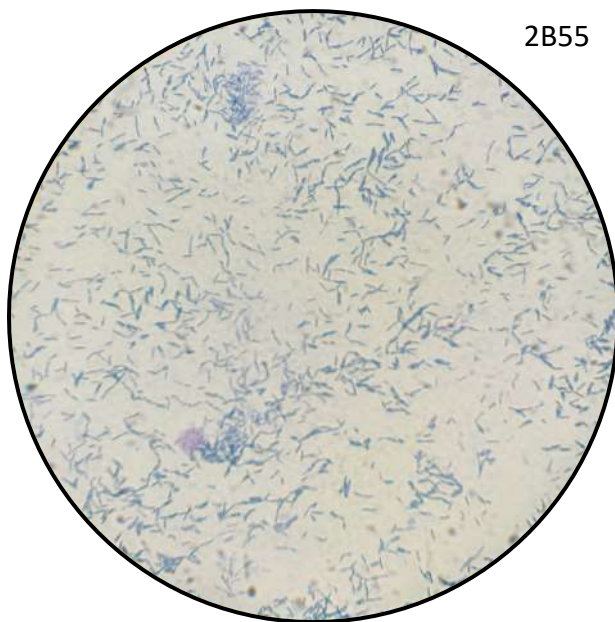
702B



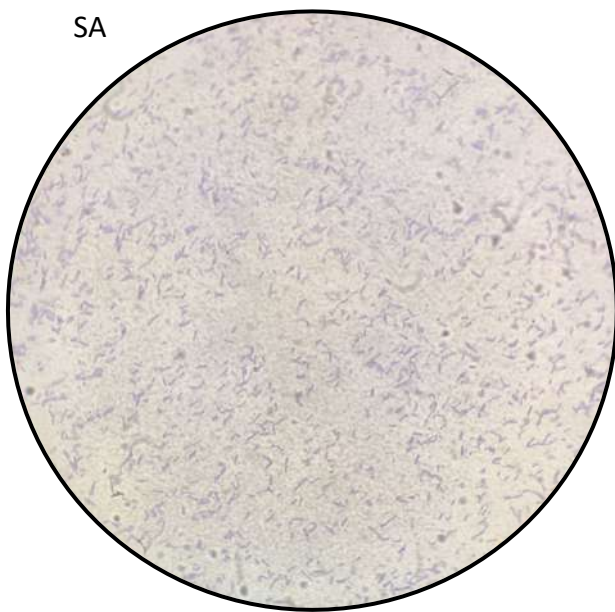
2A55



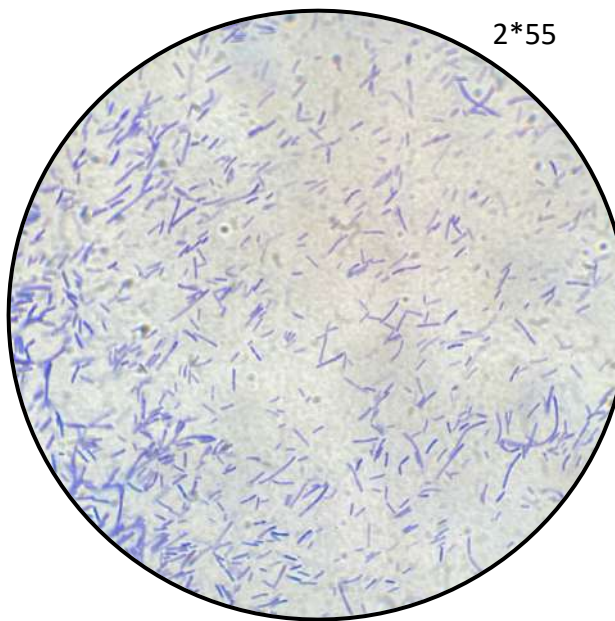
2B55



SA

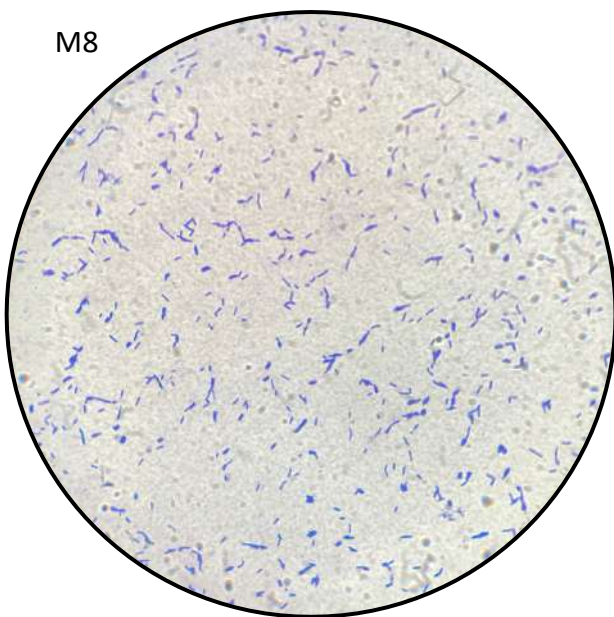


2\*55

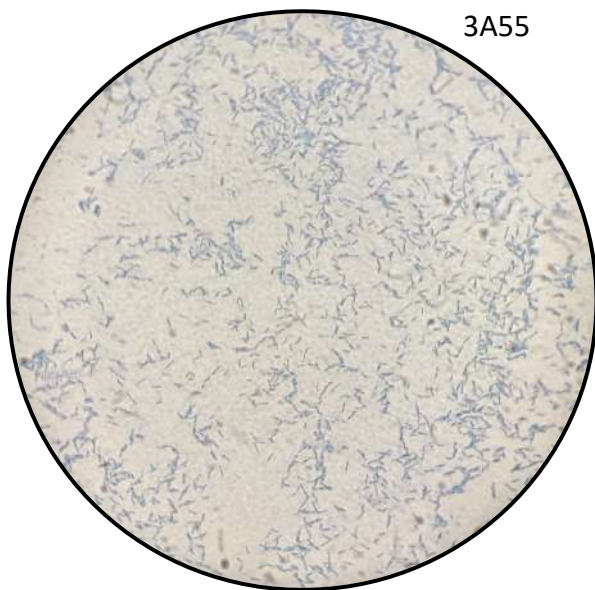




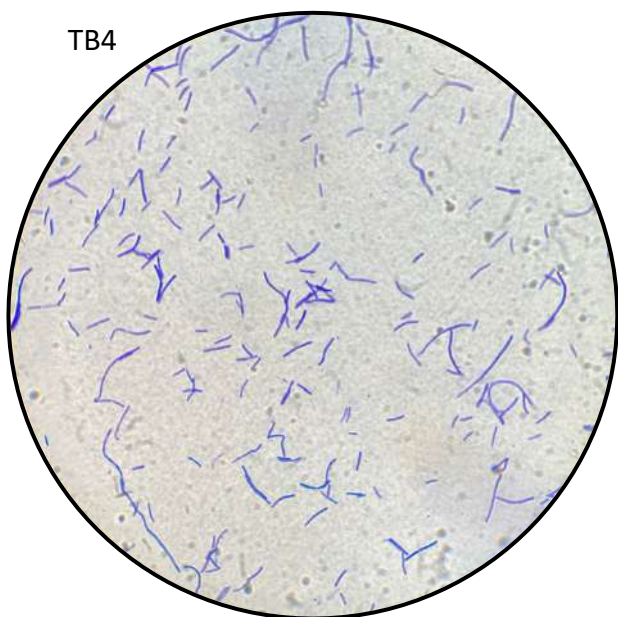
M8



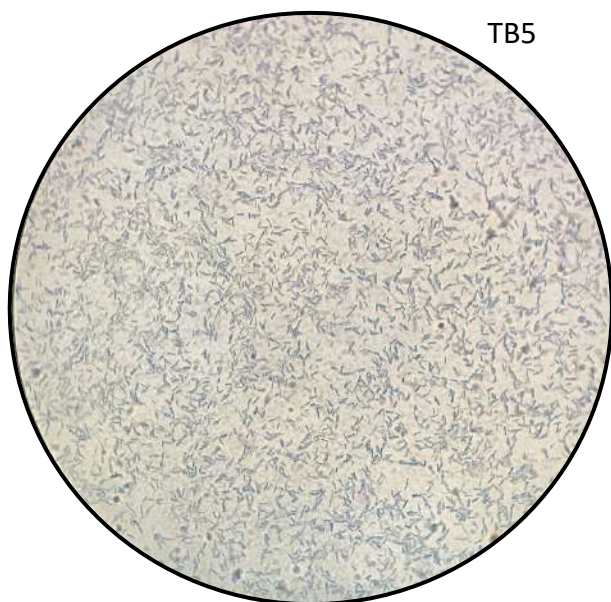
3A55

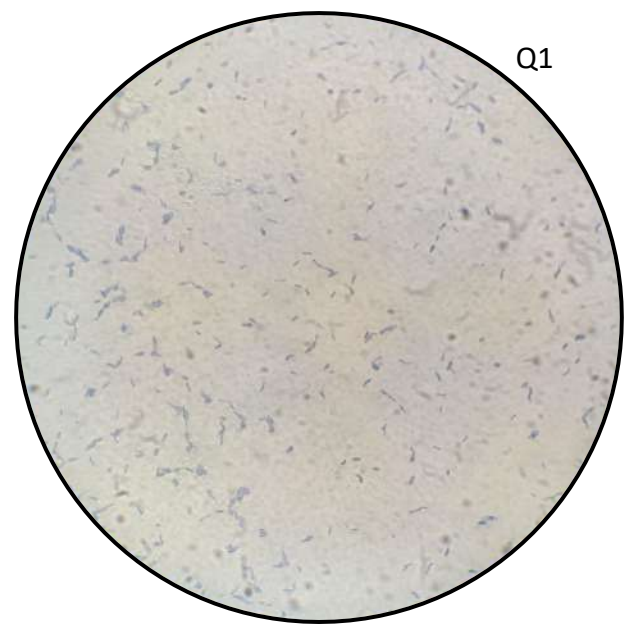
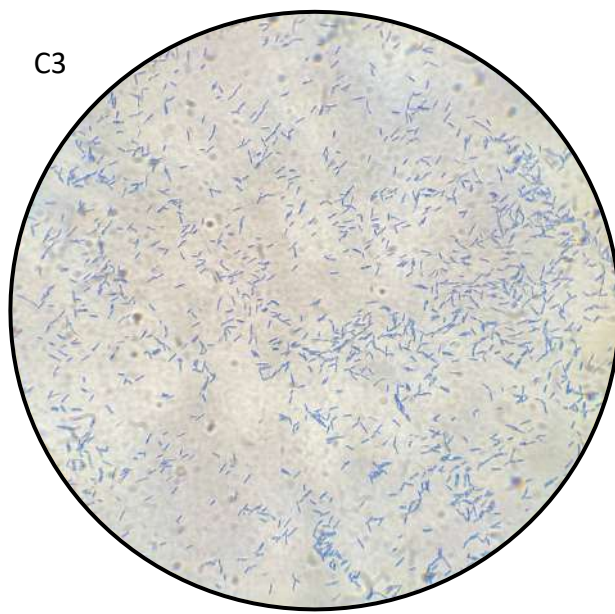


TB4



TB5





**Fig 1S. Gram staining (1,000X) of the isolated strains:** CJ1 y CJ5 (*Termas Jurasí*); CT1,702b, 2A55, 2B55, SA, 2\*55, M8 and 3A55 (*El Tatío* Geothermal Field); TB4 and TB5 (*Laguna Tebenquiche*); C3 (*Laguna Cejar*); M3 and Q1 (*Quebrada Carrizo*).