

## Genus *Thermobaculum*

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### Etymology

[Ther.mo.ba'cu.lum] Gr. masc. n. *thermos*, hot; L. neut. n. *baculum*, small rod; N.L. neut. n. *Thermobaculum*, hot small rod

### Nomenclatural type

Species *Thermobaculum terrenum*<sup>Ts</sup>

### Description

The description is the same as given by Botero et al., 2004:

Rod-shaped and occurring singly or in pairs, isolated from a geothermally heated soil. Cells stain gram-positive. Growth is strictly aerobic and heterotrophic. Based on analysis of 16S rDNA sequence, *Thermobaculum* is phylogenetically most closely related to organisms currently represented by environmental PCR clones, with the closest characterized isolates belonging to the phyla Chloroflexi and Thermomicrobia. Type species: *Thermobaculum terrenum*.

### Classification

*Bacteria* » *Chloroflexota* » *Chloroflexia* » *Thermobaculales* » *Thermobaculaceae* » *Thermobaculum*

### References

Effective publication: Botero et al., 2004 [1]

### Registry URL

<https://seqco.de/i:31968>

## References

1. Botero et al. (2004). *Thermobaculum terrenum* gen. nov., sp. nov.: a non-phototrophic gram-positive thermophile representing an environmental clone group related to the Chloroflexi (green non-sulfur bacteria) and Thermomicrobia. *Archives of Microbiology*. [DOI:10.1007/s00203-004-0647-7](https://doi.org/10.1007/s00203-004-0647-7)