

## Bibliografia.

1. Garrity G.M. et al. (2001) Phylum BIX. *Deferribacteres* phy. nov.. In: Boone D.R., Castenholz R.W., Garrity G.M. (eds) *Bergey's Manual® of Systematic Bacteriology*. Springer, New York, NY. [https://doi.org/10.1007/978-0-387-21609-6\\_26](https://doi.org/10.1007/978-0-387-21609-6_26)
2. Fu, Q., Kobayashi, H., Kawaguchi, H., Wakayama, T., Maeda, H., & Sato, K. (2013). A thermophilic gram-negative nitrate-reducing bacterium, *Calditerrivibrio nitroreducens*, exhibiting electricity generation capability. *Environmental science & technology*, 47(21), 12583-12590.
3. Lino, T., Nakagawa, T., Mori, K., Harayama, S., & Suzuki, K. I. (2008). *Calditerrivibrio nitroreducens* gen. nov., sp. nov., a thermophilic, nitrate-reducing bacterium isolated from a terrestrial hot spring in Japan. *International journal of systematic and evolutionary microbiology*, 58(7), 1675-1679.
4. Slobodkina, G. B., Kolganova, T. V., Chernyh, N. A., Querellou, J., Bonch-Osmolovskaya, E. A., & Slobodkin, A. I. (2009). *Deferribacter autotrophicus* sp. nov., an iron (III)-reducing bacterium from a deep-sea hydrothermal vent. *International journal of systematic and evolutionary microbiology*, 59(6), 1508-1512.
5. Slobodkin, A., Slobodkina, G., Allieux, M., Alain, K., Jebbar, M., Shadrin, V., ... & Bonch-Osmolovskaya, E. (2019). Genomic Insights into the Carbon and Energy Metabolism of a Thermophilic Deep-Sea Bacterium *Deferribacter autotrophicus* Revealed New Metabolic Traits in the Phylum *Deferribacteres*. *Genes*, 10(11), 849.
6. Greene, A. C., Patel, B. K., & Sheehy, A. J. (1997). *Deferribacter thermophilus* gen. nov., sp. nov., a novel thermophilic manganese- and iron-reducing bacterium isolated from a petroleum reservoir. *International Journal of Systematic and Evolutionary Microbiology*, 47(2), 505-509.
7. Miroshnichenko, M. L., Slobodkin, A. I., Kostrikina, N. A., l'Haridon, S., Nercessian, O., Spring, S., ... & Jeanthon, C. (2003). *Deferribacter abyssi* sp. nov., an anaerobic thermophile from deep-sea hydrothermal vents of the Mid-Atlantic Ridge. *Journal of Medical Microbiology*, 53(5), 1637-1641.
8. Takai, K., Kobayashi, H., Nealson, K. H., & Horikoshi, K. (2003). *Deferribacter desulfuricans* sp. nov., a novel sulfur-, nitrate- and arsenate-reducing thermophile isolated from a deep-sea hydrothermal vent. *International journal of systematic and evolutionary microbiology*, 53(3), 839-846.
9. Arkhipova, O. V., Biryukova, E. N., Abashina, T. N., Khokhlova, G. V., Ashin, V. V., & Mikoulinskaia, G. V. (2019). Methacrylate-Reducing Activity of Anaerobic Bacteria *Anaeromyxobacter dehalogenans* and *Denitrovibrio acetiphilus*. *Microbiology*, 88(2), 137-145.
10. Myhr, S., & Torsvik, T. (2000). *Denitrovibrio acetiphilus*, a novel genus and species of

dissimilatory nitrate-reducing bacterium isolated from an oil reservoir model column. *International journal of systematic and evolutionary microbiology*, 50(4), 1611-1619.

12. Lapidus, A., Chertkov, O., Nolan, M., Lucas, S., Hammon, N., Deshpande, S., ... & Woyke, T. (2011). Genome sequence of the moderately thermophilic halophile *Flexistipes sinusarabici* strain (MAS10 T). *Standards in Genomic Sciences*, 5(1), 86-96.

13. Pitluck, S., Sikorski, J., Zeytun, A., Lapidus, A., Nolan, M., Lucas, S., ... & Land, M. (2011). Complete genome sequence of *Calditerrivibrio nitroreducens* type strain (Yu37-1 T). *Standards in Genomic Sciences*, 4(1), 54-62.

14. Janssen, P. H., Liesack, W., & Schink, B. (2002). *Geovibrio thiophilus* sp. nov., a novel sulfur-reducing bacterium belonging to the phylum *Deferribacteres*. *International journal of systematic and evolutionary microbiology*, 52(4), 1341-1347.

15. Herp, S., Brugiroux, S., Garzetti, D., Ring, D., Jochum, L. M., Beutler, M., ... & Stecher, B. (2019). *Mucispirillum schaedleri* antagonizes salmonella virulence to protect mice against colitis. *Cell host & microbe*, 25(5), 681-694.

16. Robertson, B. R., O'Rourke, J. L., Neilan, B. A., Vandamme, P., On, S. L., Fox, J. G., & Lee, A. (2005). *Mucispirillum schaedleri* gen. nov., sp. nov., a spiral-shaped bacterium colonizing the mucus layer of the gastrointestinal tract of laboratory rodents. *International journal of systematic and evolutionary microbiology*, 55(3), 1199-1204.

17. Rekadwad, B., & Gonzalez, J. M. (2019). Multidisciplinary involvement and potential of thermophiles. *Folia microbiologica*, 64(3), 389-406.

18. Kunisawa, T. (2011). Inference of the phylogenetic position of the phylum *Deferribacteres* from gene order comparison. *Antonie Van Leeuwenhoek*, 99(2), 417-422.

19. Rauschenbach, I., Posternak, V., Cantarella, P., McConnell, J., Starovoytov, V., & Häggblom, M. M. (2013). *Seleniivibrio woodruffii* gen. nov., sp. nov., a selenate-and arsenate-respiring bacterium in the *Deferribacteraceae*. *International journal of systematic and evolutionary microbiology*, 63(10), 3659-3665.

20. Gittel, A., Kofoed, M. V., Sørensen, K. B., Ingvorsen, K., & Schramm, A. (2012). Succession of *Deferribacteres* and *Epsilonproteobacteria* through a nitrate-treated high-temperature oil production facility. *Systematic and applied microbiology*, 35(3), 165-174.

21. Tamazawa, S., Mayumi, D., Mochimaru, H., Sakata, S., Maeda, H., Wakayama, T., ... & Tamaki, H. (2017). *Petrothermobacter organivorans* gen. nov., sp. nov., a thermophilic, strictly anaerobic bacterium of the phylum *Deferribacteres* isolated from a deep subsurface oil reservoir. *International Journal of Systematic and Evolutionary Microbiology*, 67(10), 3982-3986.