References

- 1. Deckert G et al. The complete genome of the hyperthermophilic bacterium Aquifex aeolicus. Nature. 1998 Mar 26;392(6674):353-8. doi: 10.1038/32831.
- Altschul, S.F., Gish, W., Miller, W., Myers, E.W. & Lipman, D.J. (1990) "Basic local alignment search tool." J. Mol. Biol. 215:403-410. doi: 10.1016/S0022-2836(05)80360-2
- 3. Introduction to DGE ARCHIVED [Internet]. [cited 2023 Nov 30]; Available from: https://hbctraining.github.io/DGE workshop/lessons/05 DGE DESeq2 analysis2.html
- 4. DESeq2 output explanation [Internet]. [cited 2023 Nov 30]; Available from: https://support.bioconductor.org/p/62927/
- 5. James T. Robinson, Helga Thorvaldsdóttir, Wendy Winckler, Mitchell Guttman, Eric S. Lander, Gad Getz, Jill P. Mesirov. Integrative Genomics Viewer. Nature Biotechnology 29, 24–26 (2011). doi: 10.1038/nbt.1754
- 6. The UniProt Consortium. UniProt: the Universal Protein Knowledgebase in 2023. Nucleic Acids Res. 51:D523–D531 (2023). doi: https://doi.org/10.1093/nar/gkac1052
- ntrC2 Transcriptional regulator (NtrC family) Aquifex aeolicus (strain VF5) ntrC2 gene & protein [Internet]. [cited 2023 Nov 30]; Available from: https://www.uniprot.org/uniprotkb/067661/entry
- nifB FeMo cofactor biosynthesis protein NifB Methanococcus maripaludis nifB gene & protein [Internet]. [cited 2023 Nov 30]; Available from: https://www.uniprot.org/uniprotkb/A0A2L1C8R9/entry
- nifH Nitrogenase iron protein Methanococcus maripaludis (strain S2 / LL) nifH gene & protein [Internet]. [cited 2023 Nov 30]; Available from: https://www.uniprot.org/uniprotkb/POCW56/entry
- 10. Szklarczyk D, Gable AL, Nastou KC, Lyon D, Kirsch R, Pyysalo S, Doncheva NT, Legeay M, Fang T, Bork P, Jensen LJ, von Mering C.The STRING database in 2021: customizable protein—protein networks, and functional characterization of user-uploaded gene/measurement sets. Nucleic Acids Res. 2021 Jan 8;49(D1):D605-12. DOI: 10.1093/nar/gkaa1074
- Minoru Kanehisa, Susumu Goto, KEGG: Kyoto Encyclopedia of Genes and Genomes, Nucleic Acids Research, Volume 28, Issue 1, 1 January 2000, Pages 27–30, https://doi.org/10.1093/nar/28.1.27
- 12. STRING database. nifB FeMo cofactor biosynthesis protein NifB Methanococcus maripaludis nifB gene & protein [Internet]. [cited 2023 Nov 30]; Available from: https://string-db.org/network/243232.MJ 1093

- 13. Nif-specific regulatory protein Hydrogenivirga caldilitoris [Internet]. [cited 2023 Nov 30]; Available from: https://www.uniprot.org/uniprotkb/A0A497XW95/entry
- 14. FeMo cofactor biosynthesis protein NifB Methanococcus maripaludis (strain S2 / LL) [Internet]. [cited 2023 Nov 30]; Available from: https://www.uniprot.org/uniprotkb/Q6LZH0/entry
- 15. Wang X, Greenfield P, Li D, Hendry P, Volk H, Sutherland TD. Complete genome sequence of a nonculturable Methanococcus maripaludis strain extracted in a metagenomic survey of petroleum reservoir fluids. J Bacteriol. 2011 Oct;193(19):5595. doi: 10.1128/JB.05835-11. PMID: 21914896; PMCID: PMC3187424.