



# Life on earth and beyond

The researchers performed life-detection and DNA sequencing of microbial communities on-site in the High Arctic, specifically in an environment that is similar to a permafrost terrain observed on Mars. They hint that these approaches could be deployed in astrobiology projects in the future.

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|---------------------|--------------------------|
| Suitable            | No; sample accessibility |
| Organism            | Various                  |
| Substrate           | DNA                      |
| Full Genome         | No                       |
| Genome size         | Varies                   |
| Reference available | Varies                   |



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