|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Taxon | Fixa-tion | NO reduc-tion | N2O reduc-tion | DNRA | *hao* | Minerali-zation | NO3-  assimil-ation | Assimil-ation |
| Acidobacteria | 0 | 0 | 0 | 0 | 0 | 0.070 | 0 | 0.079 |
| Actinobacteria | 0 | 0 | 0 | 0.033 | 0 | 0.323 | 0 | 5.407 |
| Alphaproteobacteria | 0.009 | 0.116 | 0 | 0 | 0 | **6.391** | 5.486 | 49.426 |
| Aquificae | 0 | 0 | 0.264 | 0 | 0 | 0 | 0 | 0.064 |
| Bacteroidetes | 0 | 0 | 3.002 | **0.269** | 0 | 3.902 | 0.031 | 15.480 |
| Betaproteobacteria | 0 | 0.076 | 0 | 0 | 0 | 0.060 | 0.409 | 19.199 |
| Chlorobi | 0.026 | 0 | 0 | 0 | 0 | 0.022 | 0 | 0.313 |
| Chloroflexi | 0 | 0 | 0 | 0 | 0 | 0.031 | 0 | 0.032 |
| Chrysiogenetes | 0 | 0 | 0 | 0 | 0 | 0.009 | 0 | 0.058 |
| Cyanobacteria | 0 | 0 | 0 | 0 | 0 | 0.290 | 0 | 0.098 |
| Deinococcus-Thermus | 0 | 0 | 0 | 0 | 0 | 0.009 | 0 | 0.114 |
| Deltaproteobacteria | 0.035 | 0.014 | 0 | 0.065 | **0.224** | 0.231 | 0 | 0.583 |
| Epsilonproteobacteria | **0.324** | 0 | 0 | 0 | 0 | 0.046 | 0 | 1.494 |
| Firmicutes | 0.030 | 0 | 0 | 0.028 | 0 | 0.695 | 0 | 3.155 |
| Fornicata | 0 | 0 | 0 | 0 | 0 | 0.018 | 0 | 0 |
| Fusobacteria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.044 |
| Gammaproteobacteria | 0 | **3.905** | **8.275** | 0 | 0 | 4.746 | **14.136** | **50.612** |
| Nitrospirae | 0 | 0 | 0 | 0.028 | 0 | 0.010 | 0 | 0 |
| Planctomycetes | 0 | 0.014 | 0 | 0.156 | 0 | 0 | 0 | 0.260 |
| Spirochaetes | 0 | 0.014 | 0 | 0 | 0 | 0.114 | 0 | 0.146 |
| Thermobaculum | 0 | 0 | 0 | 0 | 0 | 0.104 | 0 | 0 |
| Verrucomicrobia | 0 | 0 | 0.172 | 0.028 | 0 | 0.245 | 0 | 0.819 |
| Crenarchaeota | 0 | 0 | 0 | 0 | 0 | 0.021 | 0 | 0 |
| Euryarchaeota | 0 | 0 | 0 | 0 | 0 | 0.117 | 0.085 | 0.104 |
| Alveolata | 0 | 0 | 0 | 0 | 0 | 0.181 | 0 | 0.028 |
| Opistokonta | 0 | 0 | 0 | 0 | 0 | 0.150 | 0 | 0.126 |
| Rhodophyta | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.023 |
| Stramenopiles | 0 | 0 | 0 | 0 | 0 | 0.026 | 0 | 0.154 |
| Viridiplantae | 0 | 0 | 0 | 0 | 0 | 0.031 | 0 | 0.353 |