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| --- | --- | --- |
| Functional Marker | Mendota vs Trout Bog Epilimnion | Trout Bog Epilimnion vs Hypolimnion |
| RubisCO | 0 | 0 |
| Citrate lyase | 0.01 | 0.01 |
| Urease | 0.69 | 1 |
| Nitrogenase | 0 | 0 |
| Nitrate reductase | 1 | 0 |
| Nitrite reductase | 0 | 0 |
| Nitric oxide reductase | 0.83 | 0 |
| Nitrous oxide reductase | 0 | 0.01 |
| SOX | 0 | 0.04 |
| Sulfate adenylyltransferase | 0.94 | 0 |
| Sulfide quinone reductase | 0 | 0 |
| Sulfite reductase | 1 | 0 |
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