| Data | F\_value | p\_value | Signif |
| --- | --- | --- | --- |
| ureA | 0.93 | 0.3367 |  |
| ureB | 1.23 | 0.2691 |  |
| ureC | 5.31 | 0.0230 | \* |
| ureD | 2.34 | 0.1291 |  |
| ureE | 1.30 | 0.2565 |  |
| ureF | 2.27 | 0.1348 |  |
| ureG | 12.47 | 0.0006 | \*\*\* |
| ureJ | 1.85 | 0.1764 |  |
| anfD | 104.07 | 0.0000 | \*\*\* |
| anfG | 2.19 | 0.1414 |  |
| anfH | 66.18 | 0.0000 | \*\*\* |
| anfK | 58.39 | 0.0000 | \*\*\* |
| nifD | 7.04 | 0.0091 | \*\* |
| nifH | 19.51 | 0.0000 | \*\*\* |
| nifK | 10.24 | 0.0018 | \*\* |
| vnfD | 1.49 | 0.2240 |  |
| vnfG | 1.79 | 0.1836 |  |
| vnfH | 99.58 | 0.0000 | \*\*\* |
| vnfK | 0.10 | 0.7508 |  |
| amoA | 109.08 | 0.0000 | \*\*\* |
| amoB | 112.01 | 0.0000 | \*\*\* |
| amoC | 101.29 | 0.0000 | \*\*\* |
| hao | 6.43 | 0.0125 | \* |
| nod | 26.69 | 0.0000 | \*\*\* |
| narB | 2.34 | 0.1286 |  |
| narC | 10.87 | 0.0013 | \*\* |
| nasA | 0.58 | 0.4473 |  |
| nasB | 5.32 | 0.0228 | \* |
| NR | 603.51 | 0.0000 | \*\*\* |
| nirA | 20.69 | 0.0000 | \*\*\* |
| nirB | 5.65 | 0.0191 | \* |
| nirD | 1.10 | 0.2974 |  |
| asnB | 75.54 | 0.0000 | \*\*\* |
| gdhA | 28.31 | 0.0000 | \*\*\* |
| glnA | 30.91 | 0.0000 | \*\*\* |
| glsA | 138.84 | 0.0000 | \*\*\* |
| gltB | 22.70 | 0.0000 | \*\*\* |
| gltD | 15.79 | 0.0001 | \*\*\* |
| gltS | 14.14 | 0.0003 | \*\*\* |
| gudB | 1.91 | 0.1699 |  |
| napA | 3.96 | 0.0491 | \* |
| napB | 27.10 | 0.0000 | \*\*\* |
| narG\_nxrA | 30.45 | 0.0000 | \*\*\* |
| narH\_nxrB | 11.27 | 0.0011 | \*\* |
| narI | 50.17 | 0.0000 | \*\*\* |
| narJ | 16.89 | 0.0001 | \*\*\* |
| nrfA | 58.04 | 0.0000 | \*\*\* |
| nrfB | 18.84 | 0.0000 | \*\*\* |
| nrfC | 25.66 | 0.0000 | \*\*\* |
| nrfD | 22.00 | 0.0000 | \*\*\* |
| nrfH | 0.87 | 0.3533 |  |
| nirK | 7.10 | 0.0088 | \*\* |
| nirS | 11.66 | 0.0009 | \*\*\* |
| hcp | 17.37 | 0.0001 | \*\*\* |
| norB | 17.36 | 0.0001 | \*\*\* |
| norC | 19.20 | 0.0000 | \*\*\* |
| nosZ | 0.60 | 0.4408 |  |
| hzo | 0.57 | 0.4519 |  |
| hzsA | 12.13 | 0.0007 | \*\*\* |
| hzsB | 4.90 | 0.0287 | \* |
| hzsC | 1.02 | 0.3135 |  |