| Data | F\_value | p\_value | Signif |
| --- | --- | --- | --- |
| ureA | 140.44 | 0.0000 | \*\*\* |
| ureB | 129.52 | 0.0000 | \*\*\* |
| ureC | 125.25 | 0.0000 | \*\*\* |
| ureD | 128.01 | 0.0000 | \*\*\* |
| ureE | 118.78 | 0.0000 | \*\*\* |
| ureF | 120.56 | 0.0000 | \*\*\* |
| ureG | 103.97 | 0.0000 | \*\*\* |
| ureJ | 151.34 | 0.0000 | \*\*\* |
| anfD | 89.80 | 0.0000 | \*\*\* |
| anfG | 1.20 | 0.2758 |  |
| anfH | 39.35 | 0.0000 | \*\*\* |
| anfK | 57.10 | 0.0000 | \*\*\* |
| nifD | 92.94 | 0.0000 | \*\*\* |
| nifH | 40.72 | 0.0000 | \*\*\* |
| nifK | 93.65 | 0.0000 | \*\*\* |
| vnfD | 79.77 | 0.0000 | \*\*\* |
| vnfG | 27.08 | 0.0000 | \*\*\* |
| vnfH | 37.40 | 0.0000 | \*\*\* |
| vnfK | 72.62 | 0.0000 | \*\*\* |
| amoA | 44.18 | 0.0000 | \*\*\* |
| amoB | 72.15 | 0.0000 | \*\*\* |
| amoC | 58.85 | 0.0000 | \*\*\* |
| hao | 27.77 | 0.0000 | \*\*\* |
| nod | 31.63 | 0.0000 | \*\*\* |
| narB | 83.82 | 0.0000 | \*\*\* |
| narC | 9.02 | 0.0033 | \*\* |
| nasA | 82.84 | 0.0000 | \*\*\* |
| nasB | 60.15 | 0.0000 | \*\*\* |
| NR | 35.85 | 0.0000 | \*\*\* |
| nirA | 25.09 | 0.0000 | \*\*\* |
| nirB | 82.41 | 0.0000 | \*\*\* |
| nirD | 99.11 | 0.0000 | \*\*\* |
| asnB | 77.90 | 0.0000 | \*\*\* |
| gdhA | 35.18 | 0.0000 | \*\*\* |
| glnA | 49.26 | 0.0000 | \*\*\* |
| glsA | 181.27 | 0.0000 | \*\*\* |
| gltB | 57.05 | 0.0000 | \*\*\* |
| gltD | 50.81 | 0.0000 | \*\*\* |
| gltS | 55.29 | 0.0000 | \*\*\* |
| gudB | 28.21 | 0.0000 | \*\*\* |
| napA | 83.20 | 0.0000 | \*\*\* |
| napB | 121.43 | 0.0000 | \*\*\* |
| narG\_nxrA | 0.29 | 0.5935 |  |
| narH\_nxrB | 13.99 | 0.0003 | \*\*\* |
| narI | 4.43 | 0.0377 | \* |
| narJ | 3.09 | 0.0816 |  |
| nrfA | 172.48 | 0.0000 | \*\*\* |
| nrfB | 71.23 | 0.0000 | \*\*\* |
| nrfC | 57.34 | 0.0000 | \*\*\* |
| nrfD | 22.60 | 0.0000 | \*\*\* |
| nrfH | 165.01 | 0.0000 | \*\*\* |
| nirK | 70.63 | 0.0000 | \*\*\* |
| nirS | 214.37 | 0.0000 | \*\*\* |
| hcp | 69.13 | 0.0000 | \*\*\* |
| norB | 71.29 | 0.0000 | \*\*\* |
| norC | 45.07 | 0.0000 | \*\*\* |
| nosZ | 152.03 | 0.0000 | \*\*\* |
| hzo | 8.71 | 0.0039 | \*\* |
| hzsA | 80.61 | 0.0000 | \*\*\* |
| hzsB | 69.54 | 0.0000 | \*\*\* |
| hzsC | 48.43 | 0.0000 | \*\*\* |