| Data | F\_value | p\_value | Signif |
| --- | --- | --- | --- |
| ureA | 421.63 | 0.0000 | \*\*\* |
| ureB | 452.27 | 0.0000 | \*\*\* |
| ureC | 444.15 | 0.0000 | \*\*\* |
| ureD | 320.68 | 0.0000 | \*\*\* |
| ureE | 242.76 | 0.0000 | \*\*\* |
| ureF | 230.72 | 0.0000 | \*\*\* |
| ureG | 206.85 | 0.0000 | \*\*\* |
| ureJ | 229.16 | 0.0000 | \*\*\* |
| anfD | 58.42 | 0.0000 | \*\*\* |
| anfG | 0.05 | 0.8321 |  |
| anfH | 97.20 | 0.0000 | \*\*\* |
| anfK | 12.26 | 0.0007 | \*\*\* |
| nifD | 55.29 | 0.0000 | \*\*\* |
| nifH | 103.45 | 0.0000 | \*\*\* |
| nifK | 88.42 | 0.0000 | \*\*\* |
| vnfD | 47.33 | 0.0000 | \*\*\* |
| vnfG | 18.76 | 0.0000 | \*\*\* |
| vnfH | 109.56 | 0.0000 | \*\*\* |
| vnfK | 33.80 | 0.0000 | \*\*\* |
| amoA | 11.60 | 0.0009 | \*\*\* |
| amoB | 54.37 | 0.0000 | \*\*\* |
| amoC | 15.12 | 0.0002 | \*\*\* |
| hao | 3.19 | 0.0765 |  |
| nod | 77.93 | 0.0000 | \*\*\* |
| narB | 20.82 | 0.0000 | \*\*\* |
| narC | 581.44 | 0.0000 | \*\*\* |
| nasA | 16.82 | 0.0001 | \*\*\* |
| nasB | 16.61 | 0.0001 | \*\*\* |
| NR | 91.95 | 0.0000 | \*\*\* |
| nirA | 110.31 | 0.0000 | \*\*\* |
| nirB | 19.40 | 0.0000 | \*\*\* |
| nirD | 37.55 | 0.0000 | \*\*\* |
| asnB | 0.44 | 0.5073 |  |
| gdhA | 141.00 | 0.0000 | \*\*\* |
| glnA | 164.30 | 0.0000 | \*\*\* |
| glsA | 827.29 | 0.0000 | \*\*\* |
| gltB | 44.32 | 0.0000 | \*\*\* |
| gltD | 37.31 | 0.0000 | \*\*\* |
| gltS | 44.81 | 0.0000 | \*\*\* |
| gudB | 225.47 | 0.0000 | \*\*\* |
| napA | 14.46 | 0.0002 | \*\*\* |
| napB | 222.85 | 0.0000 | \*\*\* |
| narG\_nxrA | 677.71 | 0.0000 | \*\*\* |
| narH\_nxrB | 346.81 | 0.0000 | \*\*\* |
| narI | 551.96 | 0.0000 | \*\*\* |
| narJ | 178.71 | 0.0000 | \*\*\* |
| nrfA | 430.66 | 0.0000 | \*\*\* |
| nrfB | 4.68 | 0.0325 | \* |
| nrfC | 3.85 | 0.0521 |  |
| nrfD | 6.74 | 0.0106 | \* |
| nrfH | 472.19 | 0.0000 | \*\*\* |
| nirK | 1.52 | 0.2206 |  |
| nirS | 319.23 | 0.0000 | \*\*\* |
| hcp | 37.69 | 0.0000 | \*\*\* |
| norB | 1.45 | 0.2303 |  |
| norC | 4.79 | 0.0307 | \* |
| nosZ | 441.27 | 0.0000 | \*\*\* |
| hzo | 0.05 | 0.8199 |  |
| hzsA | 19.34 | 0.0000 | \*\*\* |
| hzsB | 6.89 | 0.0098 | \*\* |
| hzsC | 3.54 | 0.0625 |  |