| Data | F\_value | p\_value | Signif |
| --- | --- | --- | --- |
| ureA | 414.05275921 | 6.483028e-40 | \*\*\* |
| ureB | 446.77738542 | 2.039927e-41 | \*\*\* |
| ureC | 438.00911632 | 5.050350e-41 | \*\*\* |
| ureD | 317.42838509 | 7.269528e-35 | \*\*\* |
| ureE | 238.24299573 | 8.517182e-30 | \*\*\* |
| ureF | 228.02005854 | 4.642171e-29 | \*\*\* |
| ureG | 203.04848336 | 3.654057e-27 | \*\*\* |
| ureJ | 225.45192323 | 7.164603e-29 | \*\*\* |
| anfD | 61.91129475 | 2.168582e-12 | \*\*\* |
| anfG | 0.03944099 | 8.429282e-01 |  |
| anfH | 95.73909289 | 8.173451e-17 | \*\*\* |
| anfK | 12.77946616 | 5.135335e-04 | \*\*\* |
| nifD | 59.09667614 | 5.533298e-12 | \*\*\* |
| nifH | 102.27769504 | 1.386563e-17 | \*\*\* |
| nifK | 90.31194503 | 3.721201e-16 | \*\*\* |
| vnfD | 48.28429562 | 2.358308e-10 | \*\*\* |
| vnfG | 19.75359429 | 2.040329e-05 | \*\*\* |
| vnfH | 108.33314634 | 2.813224e-18 | \*\*\* |
| vnfK | 35.11473249 | 3.314991e-08 | \*\*\* |
| amoA | 11.57190508 | 9.217159e-04 | \*\*\* |
| amoB | 53.93883410 | 3.211094e-11 | \*\*\* |
| amoC | 15.03674729 | 1.760287e-04 | \*\*\* |
| hao | 3.33918761 | 7.024093e-02 |  |
| nod | 76.50999245 | 2.131023e-14 | \*\*\* |
| narB | 21.32232846 | 1.018345e-05 | \*\*\* |
| narC | 582.62785210 | 7.776610e-47 | \*\*\* |
| nasA | 17.06418837 | 6.883138e-05 | \*\*\* |
| nasB | 16.22733045 | 1.011692e-04 | \*\*\* |
| NR | 91.34640400 | 2.778739e-16 | \*\*\* |
| nirA | 110.56571616 | 1.579852e-18 | \*\*\* |
| nirB | 19.72089969 | 2.070320e-05 | \*\*\* |
| nirD | 37.27315805 | 1.428077e-08 | \*\*\* |
| asnB | 0.40227734 | 5.271751e-01 |  |
| gdhA | 141.19170281 | 9.878396e-22 | \*\*\* |
| glnA | 163.08807340 | 8.581974e-24 | \*\*\* |
| glsA | 826.50702180 | 2.475663e-54 | \*\*\* |
| gltB | 43.42120165 | 1.390679e-09 | \*\*\* |
| gltD | 36.85460675 | 1.679674e-08 | \*\*\* |
| gltS | 43.91666440 | 1.157613e-09 | \*\*\* |
| gudB | 228.95851038 | 3.964641e-29 | \*\*\* |
| napA | 14.68592835 | 2.075199e-04 | \*\*\* |
| napB | 221.74421750 | 1.348447e-28 | \*\*\* |
| narG\_nxrA | 676.16384092 | 5.545380e-50 | \*\*\* |
| narH\_nxrB | 342.07284637 | 2.973756e-36 | \*\*\* |
| narI | 546.86503875 | 1.611378e-45 | \*\*\* |
| narJ | 177.93194628 | 4.242037e-25 | \*\*\* |
| nrfA | 430.97023070 | 1.056655e-40 | \*\*\* |
| nrfB | 4.88930021 | 2.900159e-02 | \* |
| nrfC | 3.67913198 | 5.757713e-02 |  |
| nrfD | 6.59108565 | 1.153192e-02 | \* |
| nrfH | 463.76898596 | 3.663591e-42 | \*\*\* |
| nirK | 1.47451409 | 2.271225e-01 |  |
| nirS | 318.75735501 | 6.090360e-35 | \*\*\* |
| hcp | 37.90157445 | 1.120315e-08 | \*\*\* |
| norB | 1.37576582 | 2.432475e-01 |  |
| norC | 4.60942025 | 3.389689e-02 | \* |
| nosZ | 433.28841103 | 8.277282e-41 | \*\*\* |
| hzo | 0.02956478 | 8.637837e-01 |  |
| hzsA | 20.27232494 | 1.619624e-05 | \*\*\* |
| hzsB | 7.53490222 | 7.023929e-03 | \*\* |
| hzsC | 3.35908965 | 6.942190e-02 |  |