

| | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|
| -3.2e-11 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | -1.7e-10 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | 0.0e+00 | -1.7e-10 | 0.0e+00 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.1e-10 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.4e-08 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.3e-10 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.5e-08 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.6e-08 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -5.5e-11 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -5.7e-11 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | 0.0e+00 | -1.5e-11 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -5.4e-11 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | -1.0e-01 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -4.2e-10 | 0.0e+00 | -1.2e-11 | -1.0e-01 | -1.0e-01 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -1.1e-11 | 0.0e+00 | 0.0e+00 |
| 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | 0.0e+00 | -2.2e-11 |
| OTU_21 | OTU_18 | OTU_17 | OTU_16 | OTU_13 | OTU_12 | OTU_10 | OTU_9 | OTU_8 | OTU_7 | OTU_6 | OTU_5 | OTU_4 | OTU_3 | OTU_2 | OTU_1 | |

