**Table S4.** Unclassified soil nematode OTUs under different continuous cropping durations

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| OTU ID | Proportion in the groups (%) | | | | | |
| 0-yr | 5-yr | 10-yr | 15-yr | 20-yr | 25-yr |
| OTU511 | < 0.001 | < 0.001 | 13.20 | < 0.001 | < 0.001 | < 0.001 |
| OTU487 | < 0.001 | 0.06 | 0.03 | < 0.001 | < 0.001 | < 0.001 |
| OTU955 | < 0.001 | < 0.001 | 1.09 | < 0.001 | < 0.001 | < 0.001 |
| OTU775 | < 0.001 | 5.73 | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| OTU941 | < 0.001 | < 0.001 | 0.34 | < 0.001 | < 0.001 | < 0.001 |
| OTU116 | < 0.001 | < 0.001 | 0.79 | < 0.001 | 0.43 | < 0.001 |
| OTU611 | < 0.001 | < 0.001 | < 0.001 | 1.79 | < 0.001 | < 0.001 |
| OTU715 | < 0.001 | 1.07 | 1.29 | < 0.001 | 2.61 | 2.09 |
| OTU282 | < 0.001 | 0.48 | 1.32 | < 0.001 | 18.67 | < 0.001 |
| OTU281 | 3.75 | 0.34 | 0.15 | 3.52 | 15.12 | < 0.001 |
| OTU140 | < 0.001 | < 0.001 | 0.38 | 0.47 | 0.29 | < 0.001 |
| OTU541 | < 0.001 | 0.06 | 3.69 | 19.79 | 4.34 | 0.08 |
| OTU | < 0.001 | 7.52 | 0.11 | 5.96 | 28.81 | < 0.001 |
| OTU188 | < 0.001 | < 0.001 | < 0.001 | 0.30 | < 0.001 | < 0.001 |
| OTU182 | < 0.001 | < 0.001 | < 0.001 | 1.98 | < 0.001 | < 0.001 |
| OTU515 | < 0.001 | 2.58 | 0.29 | 18.59 | < 0.001 | < 0.001 |
| OTU378 | < 0.001 | 0.06 | < 0.001 | < 0.001 | 0.33 | < 0.001 |
| OTU762 | < 0.001 | 3.84 | < 0.001 | 1.86 | < 0.001 | 1.55 |