|  |  |  |  |
| --- | --- | --- | --- |
| Genus | TWAs | NPDDs | *P* value |
| *Rikenellaceae\_RC9\_gut\_group* | 8.09±0.26 | 8.62±0.41 | 0.103 |
| *Fibrobacter* | 2.16±0.44 | 2.07±0.44 | 0.628 |
| *Treponema\_2* | 1.81±0.21 | 3.70±0.37 | 0.247 |
| *Lachnospiraceae\_AC2044\_group* | 1.20**±**0.10 | 2.74±0.63 | 0.011 |
| *Ruminococcaceae\_NK4A214\_group* | 3.01±0.34 | 1.96±0.11 | 0.002 |
| *Ruminococcaceae\_UCG\_010* | 2.76±0.13 | 2.24±0.09 | 0.258 |
| *Phascolarctobacterium* | 1.98±0.21 | 1.20±0.10 | 0.012 |
| *Christensenellaceae\_R\_7\_group* | 1.65±0.26 | 1.44±0.14 | 0.064 |
| *Coprostanoligenes\_group* | 2.16±0.27 | 1.09±0.07 | 0.000 |
| *Prevotellaceae\_UCG\_001* | 1.91±0.26 | 1.24±0.18 | 0.070 |
| *Lachnospiraceae\_XPB1014\_group* | 1.26±0.22 | 0.80±0.06 | 0.010 |
| *Anaerovorax* | 1.41±0.10 | 1.08±0.10 | 0.055 |
| *Prevotellaceae\_UCG\_003* | 1.14±0.10 | 1.31±0.11 | 0.326 |
| *Akkermansia* | 1.75±0.59 | 0.43±0.11 | 0.000 |
| *Prevotellaceae\_UCG\_004* | 0.91±0.10 | 1.08±0.12 | 0.668 |